

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
 Data File : BM047375.D
 Acq On : 28 Aug 2024 10:57
 Operator : RC/JU
 Sample : PB163019BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB163019BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 28 11:56:17 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 26 18:11:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	281145	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1059844	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	695266	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1360725	20.000	ng	0.00
76) Chrysene-d12	21.021	240	856512	20.000	ng	0.00
86) Perylene-d12	23.721	264	812940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2028982	138.459	ng	0.00
7) Phenol-d6	6.575	99	2628699	131.681	ng	0.00
23) Nitrobenzene-d5	8.504	82	1730275	90.585	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1146980	136.736	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4158234	91.895	ng	0.00
79) Terphenyl-d14	19.445	244	5453873	113.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	220562	36.772	ng	99
3) Pyridine	3.393	79	602401	36.186	ng	99
4) n-Nitrosodimethylamine	3.316	42	300608	44.338	ng	99
6) Aniline	6.698	93	915125	50.615	ng	99
8) 2-Chlorophenol	6.928	128	839987	51.213	ng	97
9) Benzaldehyde	6.516	77	293086	25.079	ng	98
10) Phenol	6.598	94	954717	48.610	ng	99
11) bis(2-Chloroethyl)ether	6.804	93	776141	45.601	ng	99
12) 1,3-Dichlorobenzene	7.240	146	908039	45.273	ng	99
13) 1,4-Dichlorobenzene	7.381	146	915489	45.070	ng	99
14) 1,2-Dichlorobenzene	7.693	146	893405	46.411	ng	99
15) Benzyl Alcohol	7.610	79	736323	53.204	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.875	45	954325	46.762	ng	99
17) 2-Methylphenol	7.816	107	671403	49.203	ng	97
18) Hexachloroethane	8.398	117	349949	46.087	ng	99
19) n-Nitroso-di-n-propyla...	8.163	70	577672	42.097	ng	99
20) 3+4-Methylphenols	8.145	107	910061	47.967	ng	98
22) Acetophenone	8.175	105	1111751	45.199	ng	99
24) Nitrobenzene	8.545	77	886215	45.111	ng	98
25) Isophorone	9.069	82	1655848	45.867	ng	98
26) 2-Nitrophenol	9.239	139	489169	50.622	ng	98
27) 2,4-Dimethylphenol	9.328	122	672529	61.658	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1029577	46.572	ng	99
29) 2,4-Dichlorophenol	9.781	162	894739	52.881	ng	97
30) 1,2,4-Trichlorobenzene	9.975	180	891970	45.641	ng	98
31) Naphthalene	10.157	128	2387972	46.131	ng	99
32) Benzoic acid	9.545	122	585197	44.930	ng	99
33) 4-Chloroaniline	10.292	127	677459	35.197	ng	99
34) Hexachlorobutadiene	10.434	225	571744	46.844	ng	99
35) Caprolactam	11.110	113	260259m	47.483	ng	
36) 4-Chloro-3-methylphenol	11.445	107	826397	48.096	ng	100
37) 2-Methylnaphthalene	11.781	142	1762255	46.690	ng	99
38) 1-Methylnaphthalene	12.010	142	1635521	43.814	ng	99
40) 1,2,4,5-Tetrachloroben...	12.169	216	1003260	48.730	ng	99
41) Hexachlorocyclopentadiene	12.133	237	1183770	182.182	ng	99
43) 2,4,6-Trichlorophenol	12.433	196	728355	51.607	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	782786	49.942	ng	98
46) 1,1'-Biphenyl	12.833	154	2292818	47.229	ng	99
47) 2-Chloronaphthalene	12.869	162	1758698	46.228	ng	99
48) 2-Nitroaniline	13.104	65	528929	49.633	ng	96
49) Acenaphthylene	13.727	152	2825234	51.096	ng	99
50) Dimethylphthalate	13.492	163	2336096	48.764	ng	100
51) 2,6-Dinitrotoluene	13.616	165	525172	47.083	ng	99
52) Acenaphthene	14.080	154	1695984	48.317	ng	99
53) 3-Nitroaniline	13.951	138	376033	36.535	ng	100
54) 2,4-Dinitrophenol	14.180	184	730090	106.287	ng	95
55) Dibenzofuran	14.422	168	2694092	47.651	ng	99
56) 4-Nitrophenol	14.310	139	801760	99.654	ng	98
57) 2,4-Dinitrotoluene	14.422	165	676066	46.822	ng	100
58) Fluorene	15.074	166	2151770	47.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.669	232	648669	50.385	ng	99
60) Diethylphthalate	14.874	149	2241976	47.443	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	1109523	47.666	ng	98
62) 4-Nitroaniline	15.133	138	448614	47.117	ng	98
63) Azobenzene	15.374	77	1948498	47.350	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	441815	52.901	ng	99
66) n-Nitrosodiphenylamine	15.304	169	1890489	50.774	ng	100
67) 4-Bromophenyl-phenylether	15.980	248	716415	49.907	ng	95
68) Hexachlorobenzene	16.086	284	815038	49.158	ng	98
69) Atrazine	16.280	200	711013	58.422	ng	99
70) Pentachlorophenol	16.445	266	1031466	96.224	ng	99
71) Phenanthrene	16.821	178	3311810	50.116	ng	100
72) Anthracene	16.915	178	3404486	52.848	ng	99
73) Carbazole	17.198	167	2998552	48.506	ng	99
74) Di-n-butylphthalate	17.774	149	3676270	48.838	ng	100
75) Fluoranthene	18.857	202	3649566	47.034	ng	99
77) Benzidine	19.068	184	1487031	104.009	ng	99
78) Pyrene	19.227	202	3773272	57.439	ng	100
80) Butylbenzylphthalate	20.162	149	1404679	54.642	ng	98
81) Benzo(a)anthracene	21.009	228	2854572	51.106	ng	99
82) 3,3'-Dichlorobenzidine	20.951	252	808097	43.008	ng	99
83) Chrysene	21.062	228	2628447	50.026	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	1835201	50.511	ng	99
85) Di-n-octyl phthalate	21.986	149	2872162	46.967	ng	99
87) Indeno(1,2,3-cd)pyrene	26.727	276	2587024	50.836	ng	100
88) Benzo(b)fluoranthene	22.880	252	2378783	50.155	ng	99
89) Benzo(k)fluoranthene	22.939	252	2272764	50.550	ng	100
90) Benzo(a)pyrene	23.597	252	2187323	53.329	ng	99
91) Dibenzo(a,h)anthracene	26.774	278	2077175	50.384	ng	100
92) Benzo(g,h,i)perylene	27.662	276	2017332	47.068	ng	99

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

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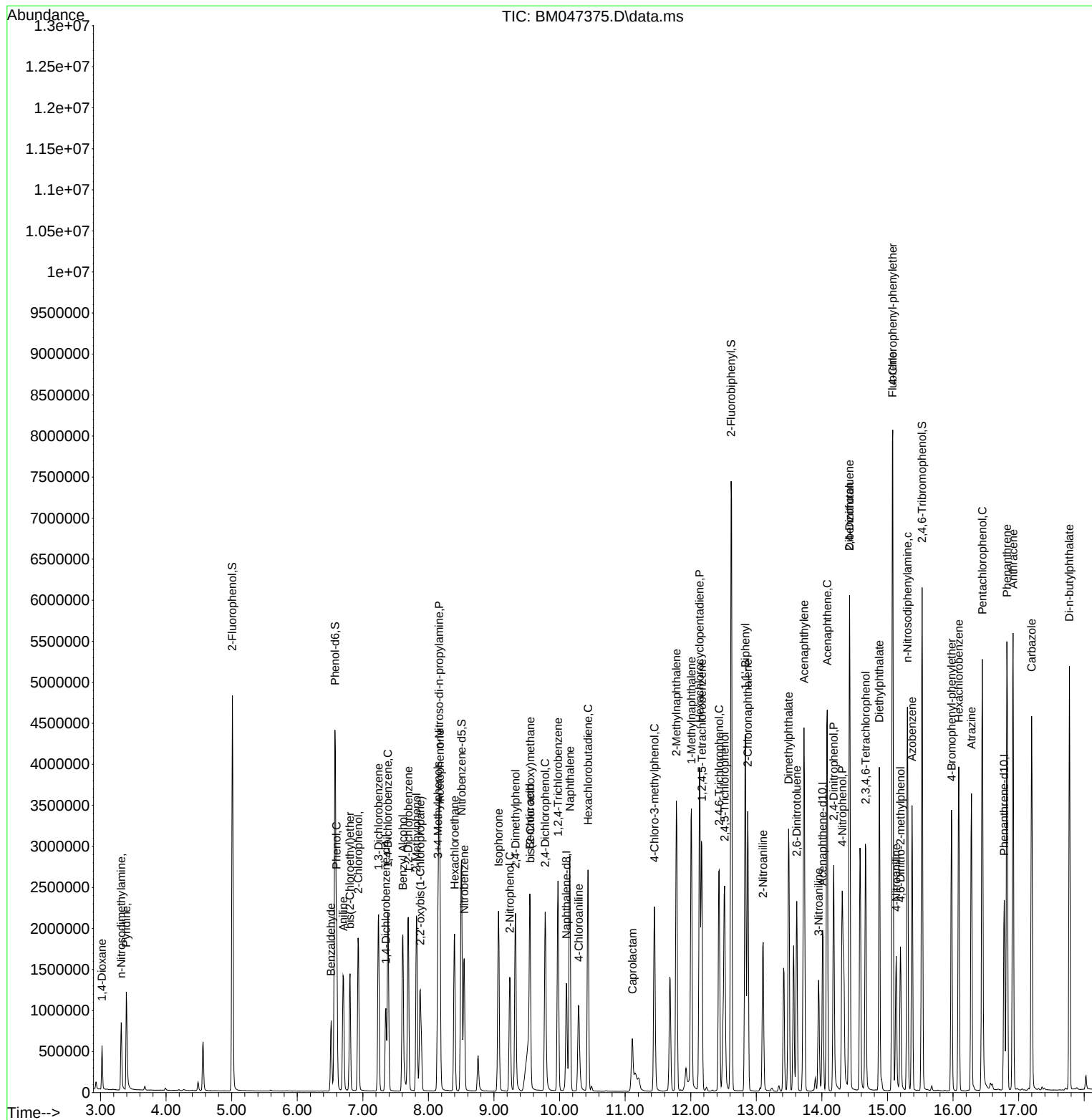
PB163019BS

Manual Integrations

APPROVED

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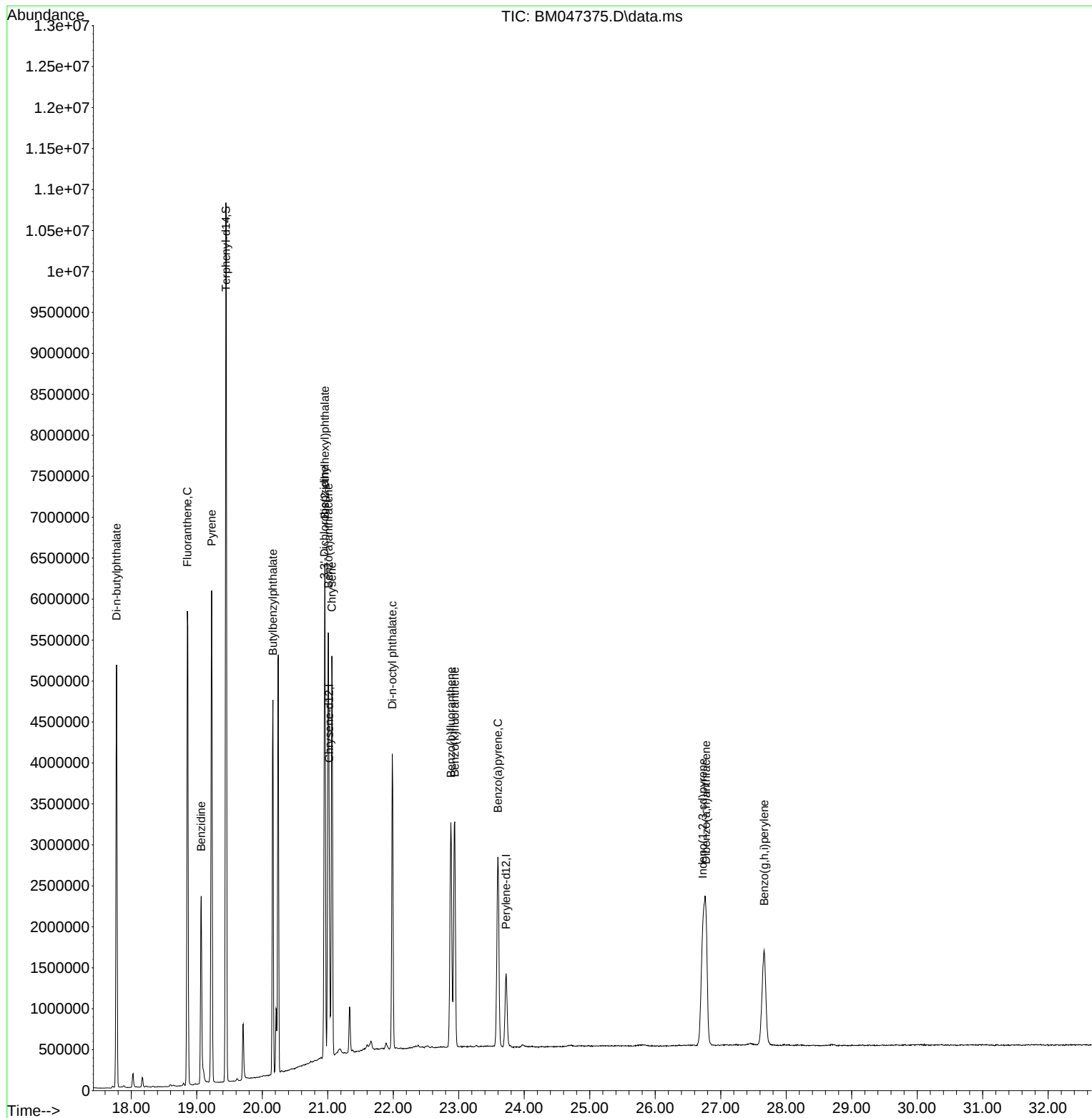
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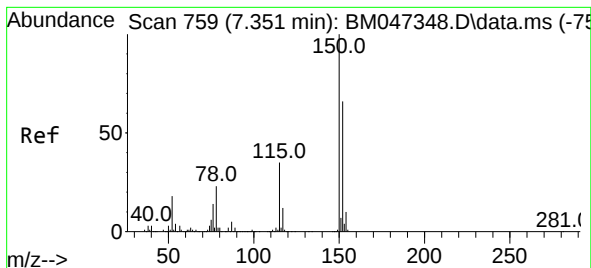
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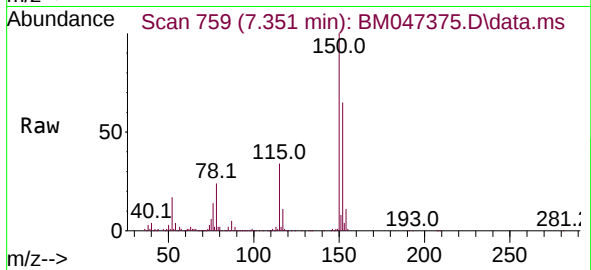
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM047375.D
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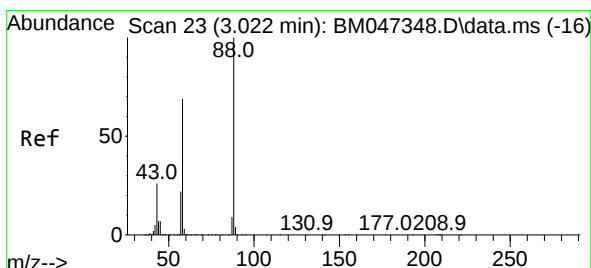
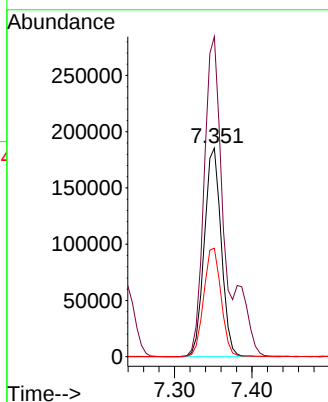
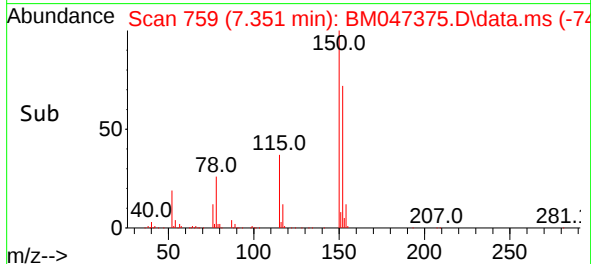
Instrument :
BNA_M
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Tgt Ion:152 Resp: 281145
Ion Ratio Lower Upper
152 100
150 153.3 121.3 181.9
115 52.0 42.6 64.0

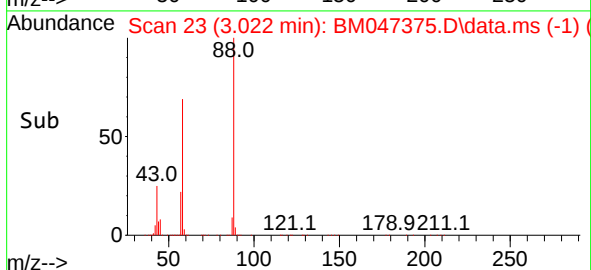
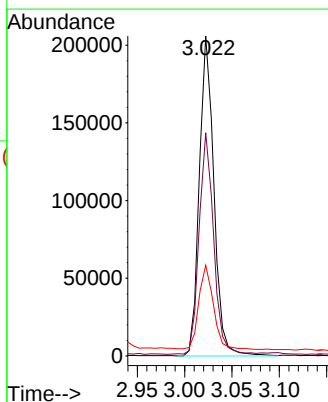
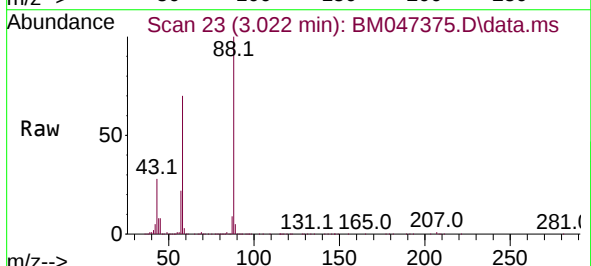
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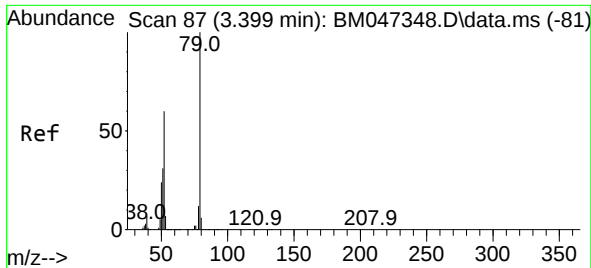
Reviewed By :Jagrut Upadhyay 08/29/2024
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#2
1,4-Dioxane
Concen: 36.772 ng
RT: 3.022 min Scan# 23
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 88 Resp: 220562
Ion Ratio Lower Upper
88 100
58 68.7 55.4 83.0
43 26.3 20.7 31.1





#3
 Pyridine
 Concen: 36.186 ng
 RT: 3.393 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

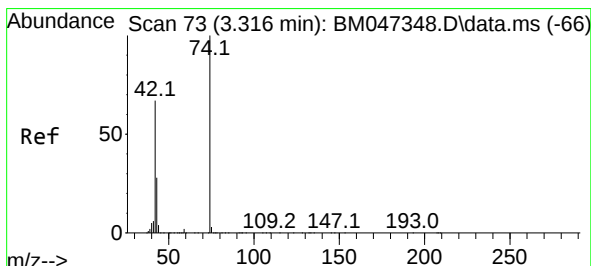
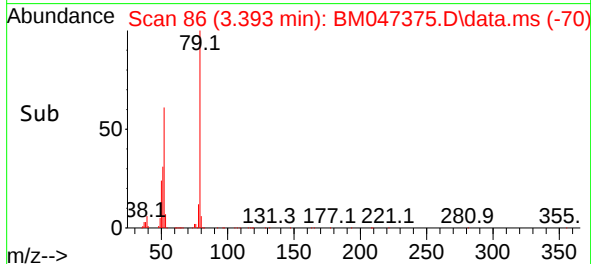
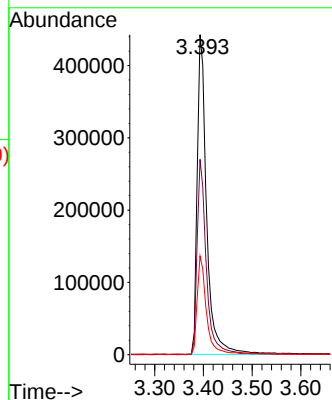
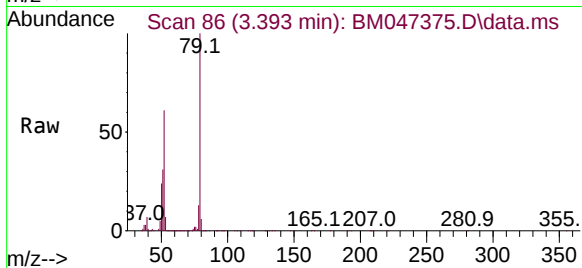
ClientSampleId :

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Tgt Ion: 79 Resp: 60240
 Ion Ratio Lower Upper
 79 100
 52 61.0 47.8 71.6
 51 30.8 25.0 37.4

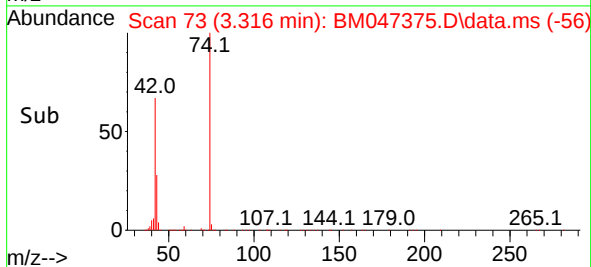
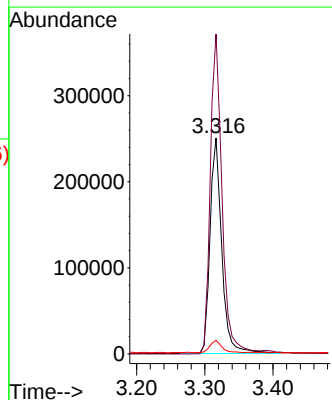
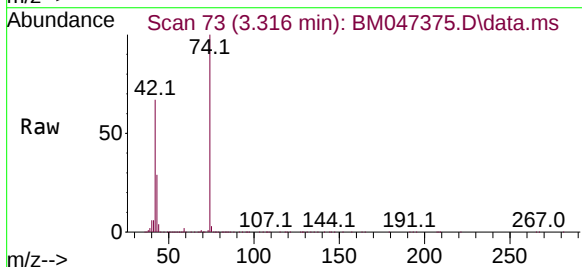
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#4
 n-Nitrosodimethylamine
 Concen: 44.338 ng
 RT: 3.316 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

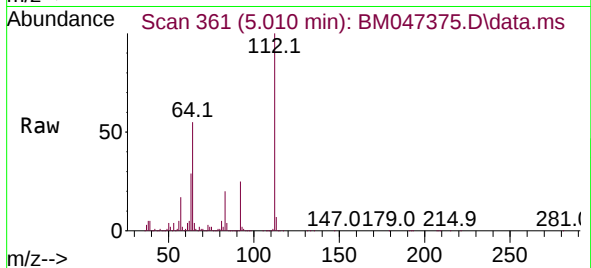
Tgt Ion: 42 Resp: 300608
 Ion Ratio Lower Upper
 42 100
 74 148.2 119.2 178.8
 44 6.3 5.2 7.8





#5
2-Fluorophenol
Concen: 138.459 ng
RT: 5.010 min Scan# 360
Delta R.T. 0.006 min
Lab File: BM047375.D
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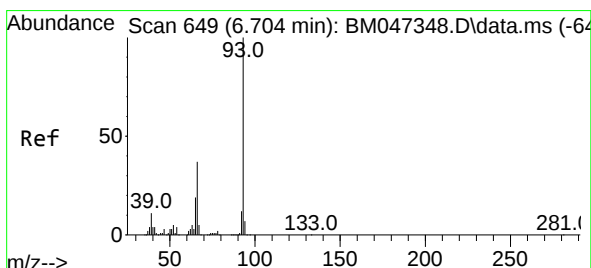
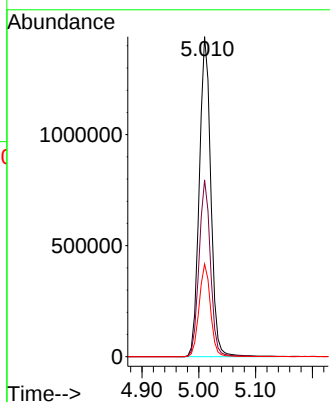
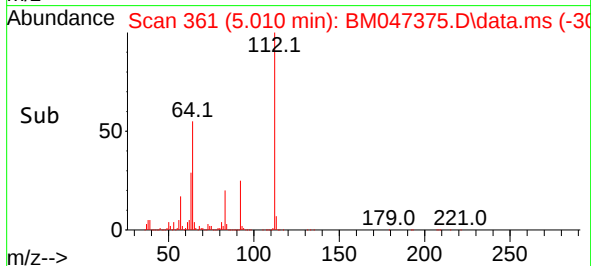
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Tgt Ion:112 Resp: 202898
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 28.9 23.8 35.8

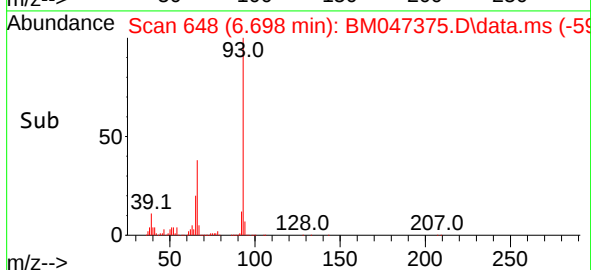
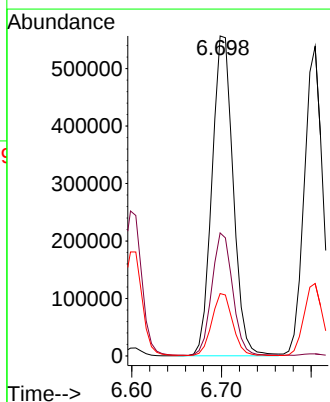
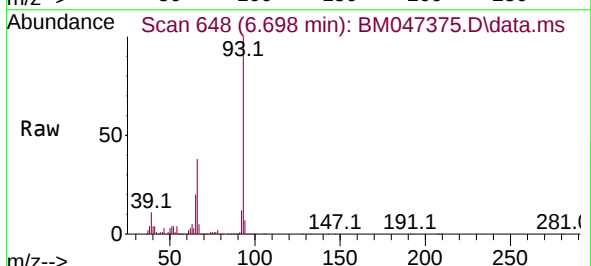
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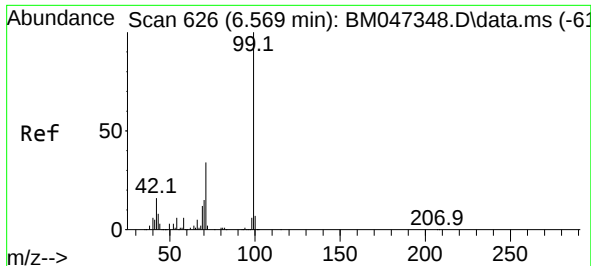
Reviewed By :Jagrut Upadhyay 08/29/2024
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#6
Aniline
Concen: 50.615 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
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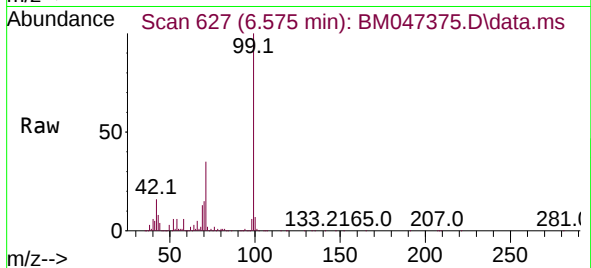
Tgt Ion: 93 Resp: 915125
Ion Ratio Lower Upper
93 100
66 38.5 30.0 45.0
65 19.5 15.5 23.3





#7
Phenol-d6
Concen: 131.681 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047375.D
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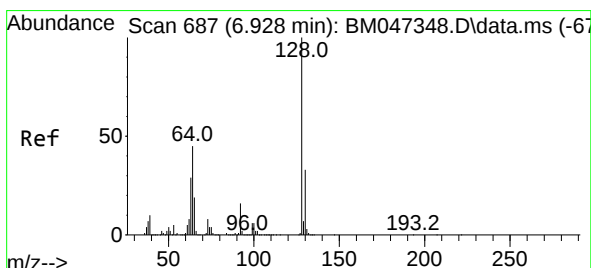
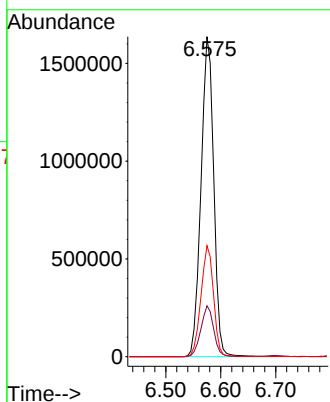
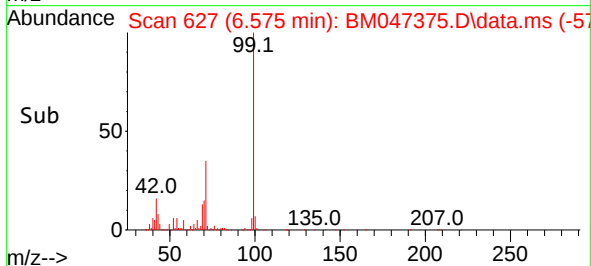
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Tgt Ion: 99 Resp: 262869
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 34.7 27.5 41.3

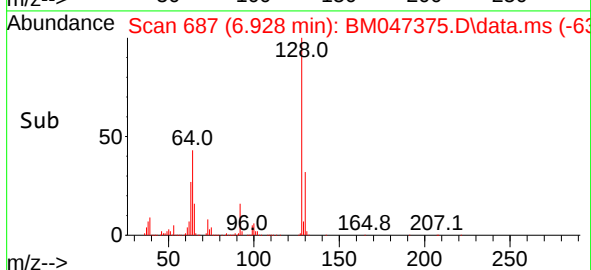
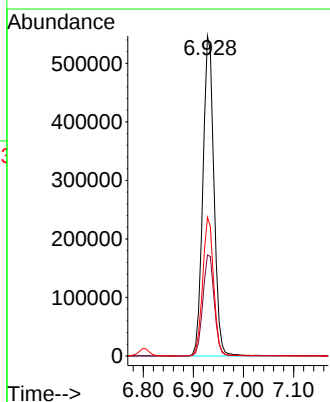
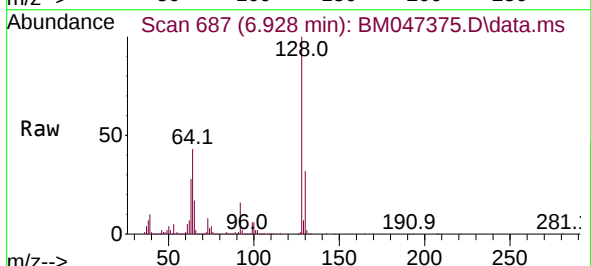
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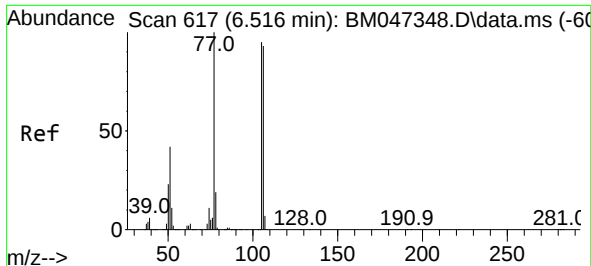
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#8
2-Chlorophenol
Concen: 51.213 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 839987
Ion Ratio Lower Upper
128 100
130 31.6 12.9 52.9
64 43.4 25.3 65.3





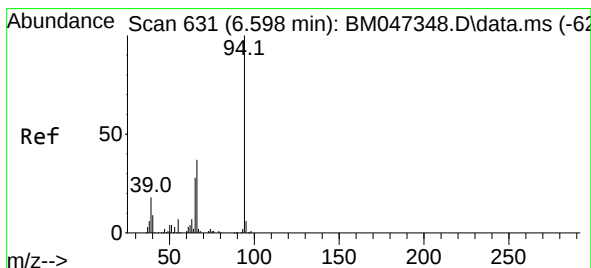
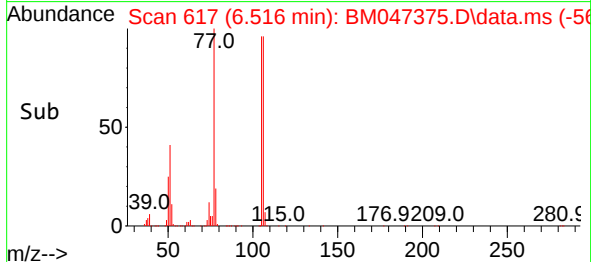
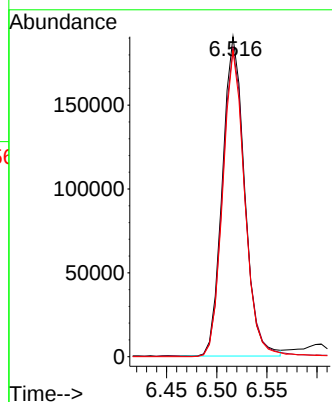
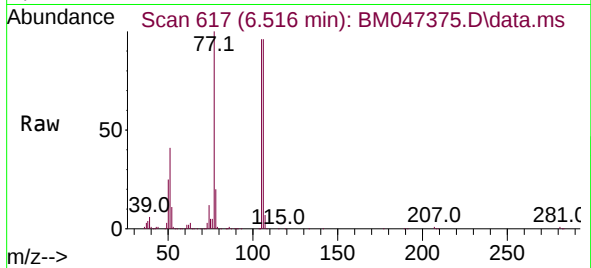
#9
Benzaldehyde
Concen: 25.079 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB163019BS

Tgt Ion: 77 Resp: 293080
Ion Ratio Lower Upper
77 100
105 96.3 74.9 114.9
106 95.6 72.6 112.6

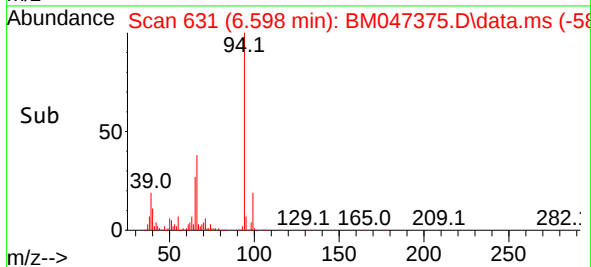
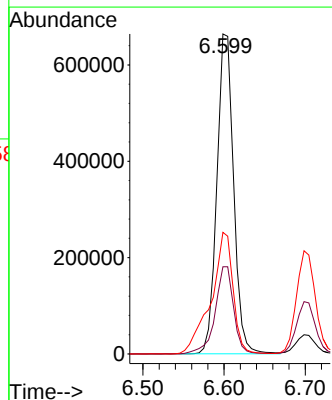
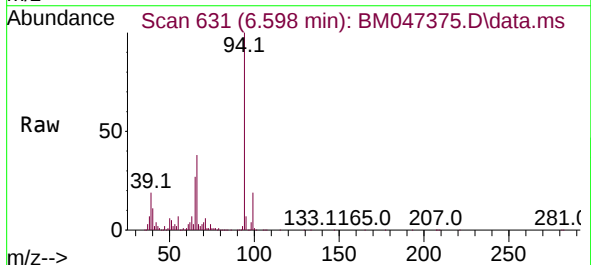
Manual Integrations
APPROVED

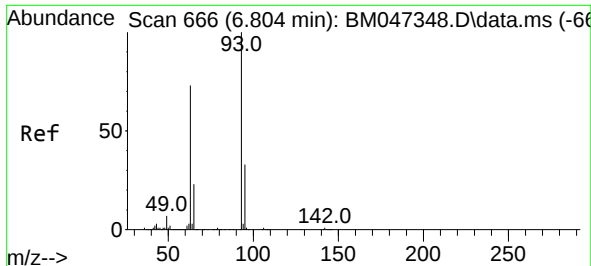
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#10
Phenol
Concen: 48.610 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

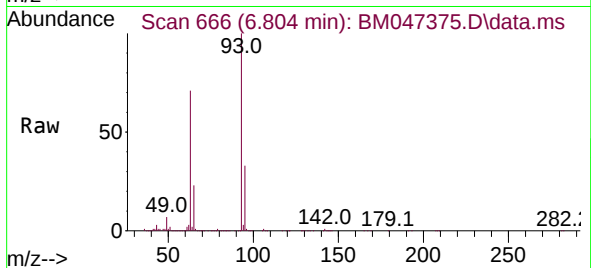
Tgt Ion: 94 Resp: 954717
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 38.0 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 45.601 ng
RT: 6.804 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

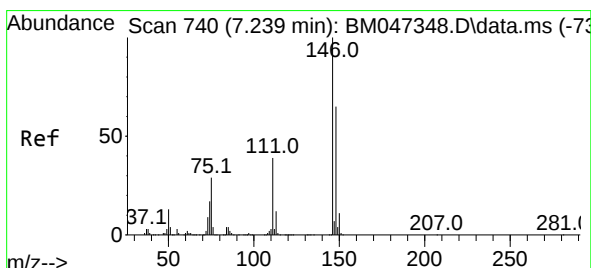
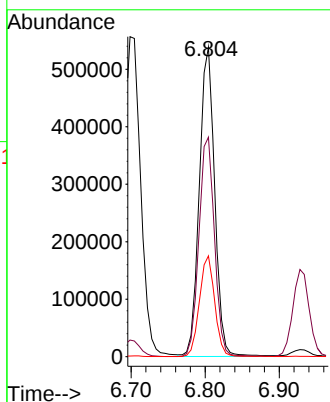
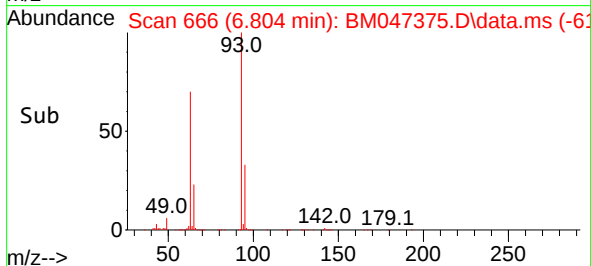
Instrument :
BNA_M
ClientSampleId :
PB163019BS



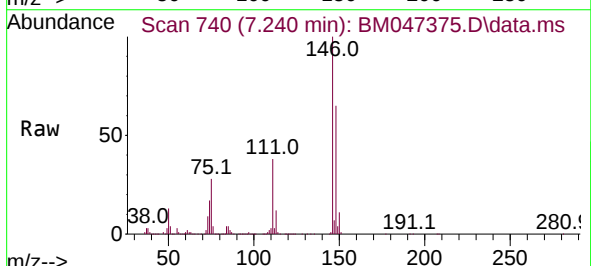
Tgt Ion: 93 Resp: 77614
Ion Ratio Lower Upper
93 100
63 70.9 52.2 92.2
95 32.5 12.9 52.9

Manual Integrations
APPROVED

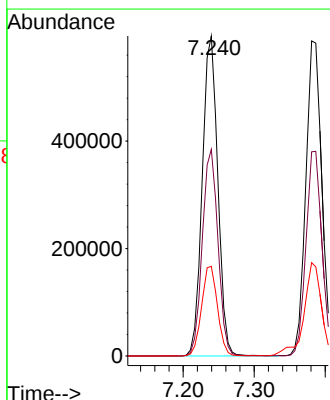
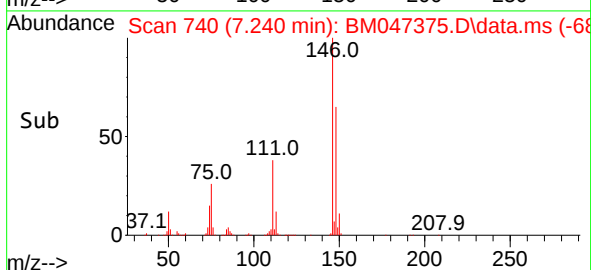
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

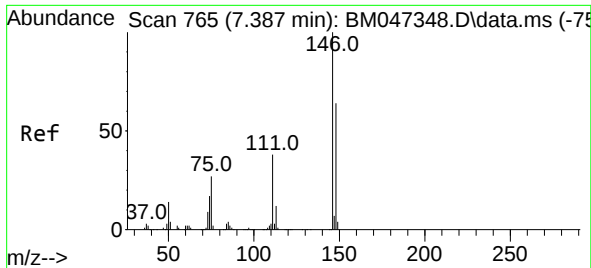


#12
1,3-Dichlorobenzene
Concen: 45.273 ng
RT: 7.240 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



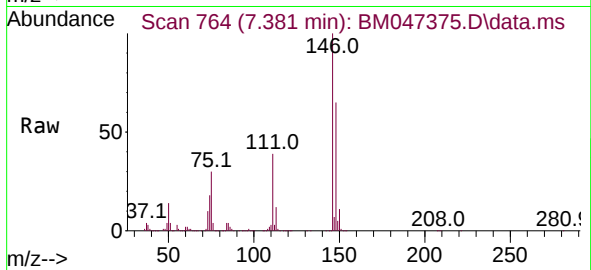
Tgt Ion:146 Resp: 908039
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
75 28.0 23.3 34.9





#13
1,4-Dichlorobenzene
Concen: 45.070 ng
RT: 7.381 min Scan# 765
Delta R.T. -0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

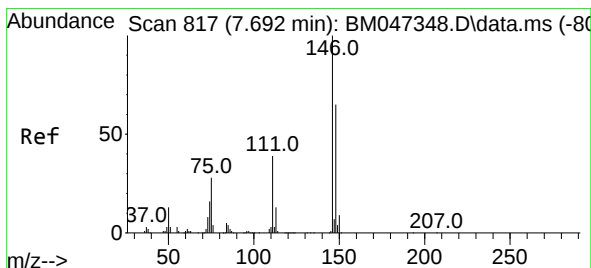
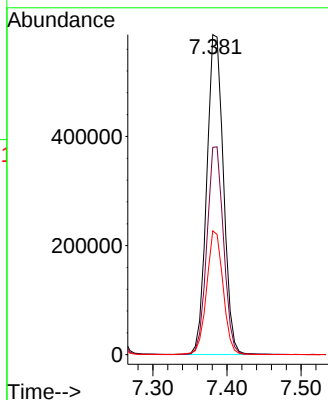
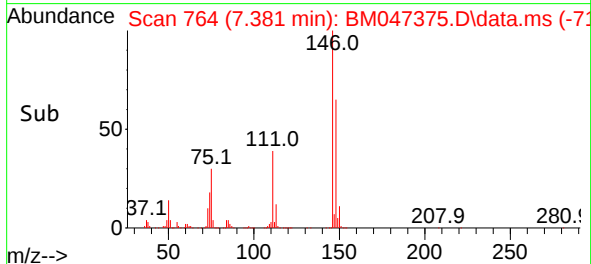
Instrument :
BNA_M
ClientSampleId :
PB163019BS



Tgt Ion:146 Resp: 915489
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 38.7 30.2 45.2

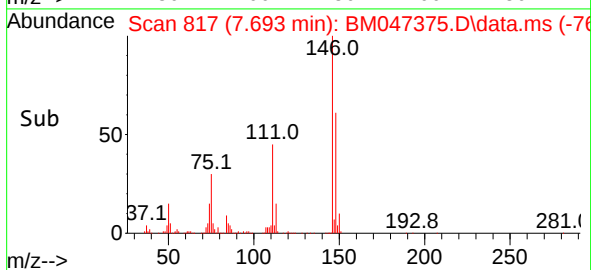
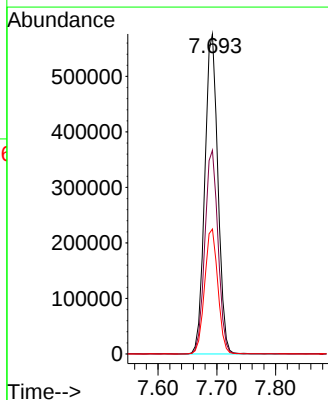
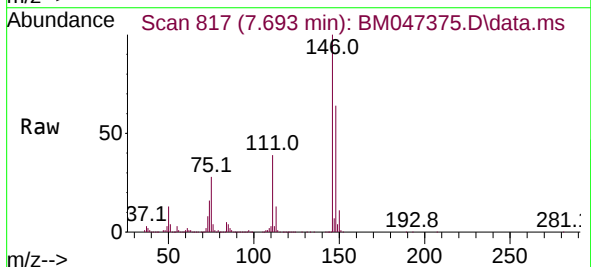
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#14
1,2-Dichlorobenzene
Concen: 46.411 ng
RT: 7.693 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

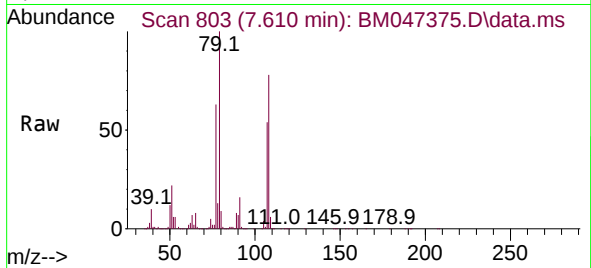
Tgt Ion:146 Resp: 893405
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 39.0 31.7 47.5





#15
Benzyl Alcohol
Concen: 53.204 ng
RT: 7.610 min Scan# 802
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

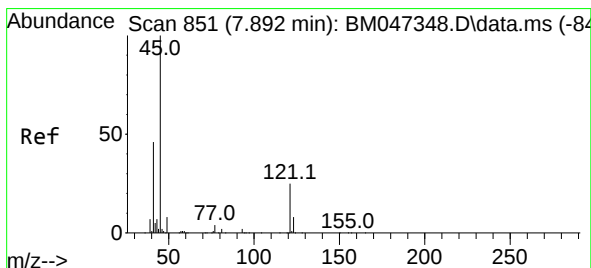
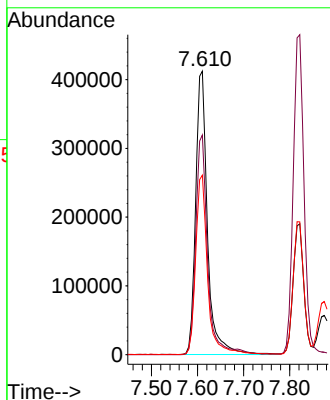
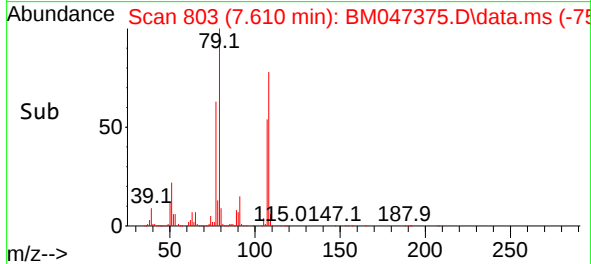
Instrument :
BNA_M
ClientSampleId :
PB163019BS



Tgt Ion: 79 Resp: 73632
Ion Ratio Lower Upper
79 100
108 77.5 61.1 91.7
77 63.3 51.9 77.9

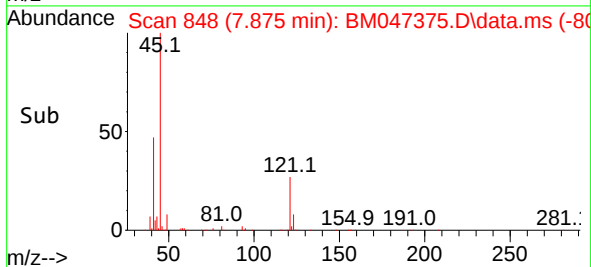
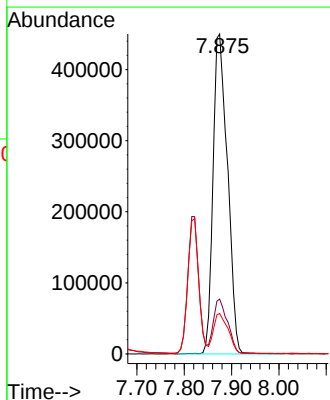
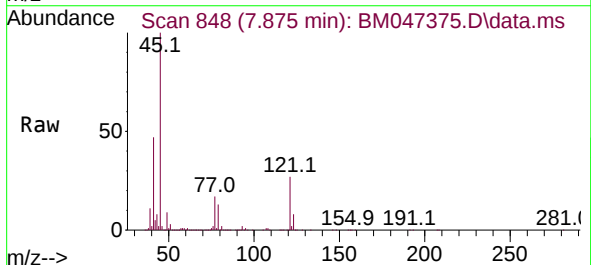
Manual Integrations
APPROVED

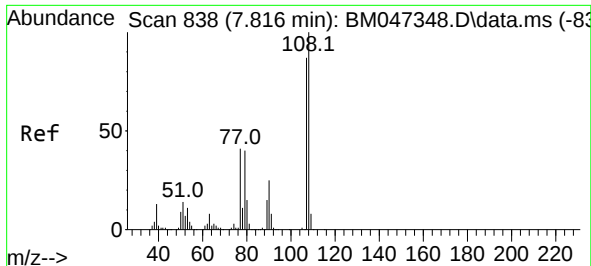
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.762 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.018 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

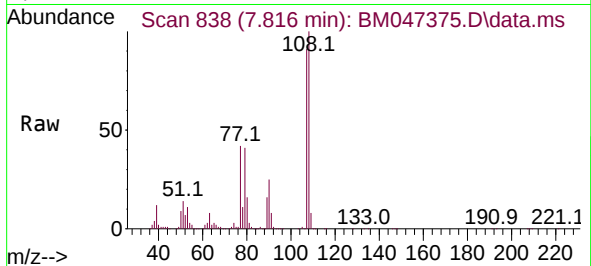
Tgt Ion: 45 Resp: 954325
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.7
79 12.7 0.0 33.0





#17
2-Methylphenol
Concen: 49.203 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

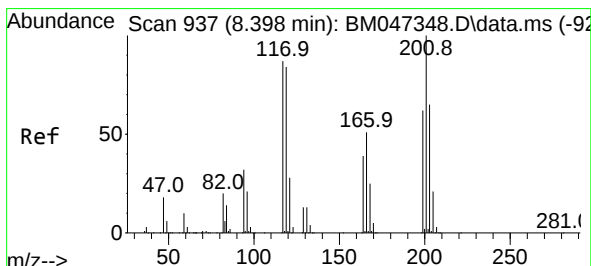
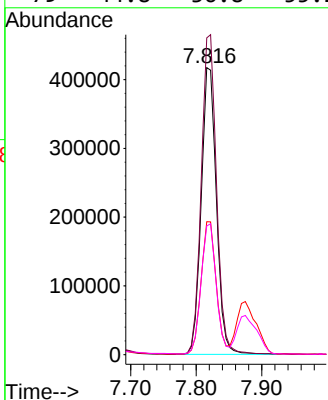
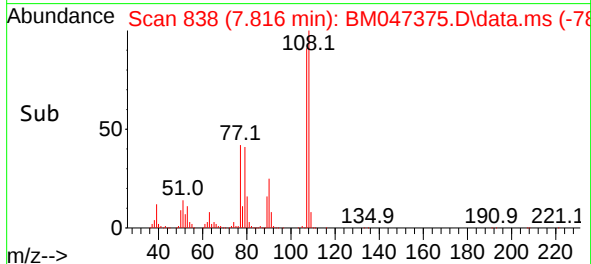
Instrument :
BNA_M
ClientSampleId :
PB163019BS



Tgt Ion:107 Resp: 67140
Ion Ratio Lower Upper
107 100
108 110.4 91.6 137.4
77 46.3 38.0 57.0
79 44.8 36.8 55.2

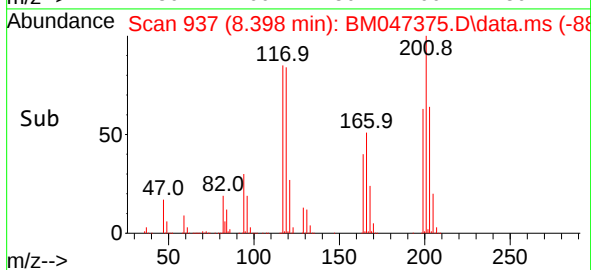
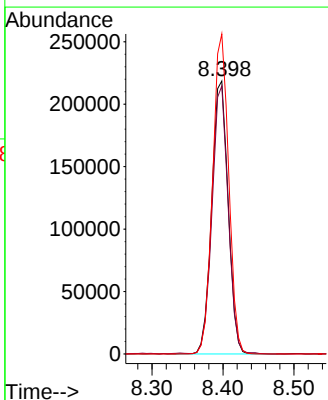
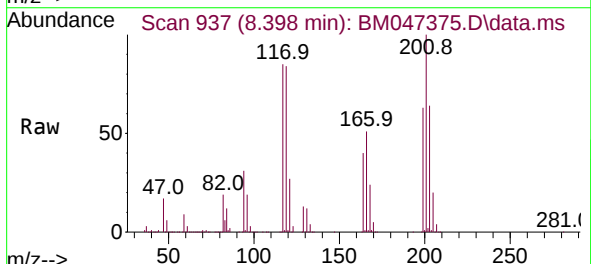
Manual Integrations
APPROVED

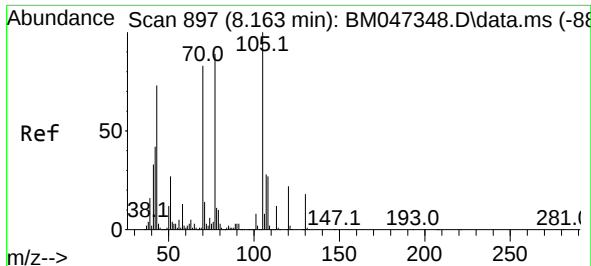
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#18
Hexachloroethane
Concen: 46.087 ng
RT: 8.398 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:117 Resp: 349949
Ion Ratio Lower Upper
117 100
119 98.2 77.8 116.8
201 117.2 92.3 138.5





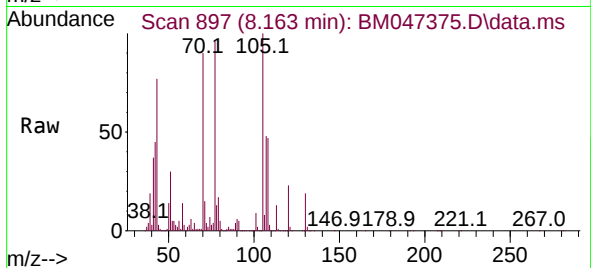
#19
n-Nitroso-di-n-propylamine
Concen: 42.097 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

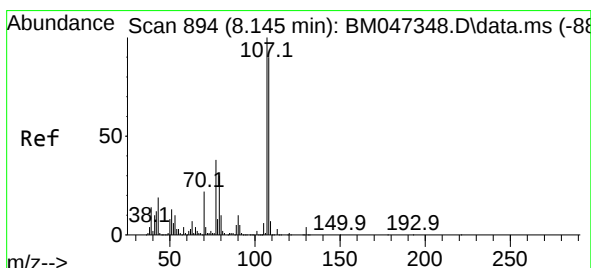
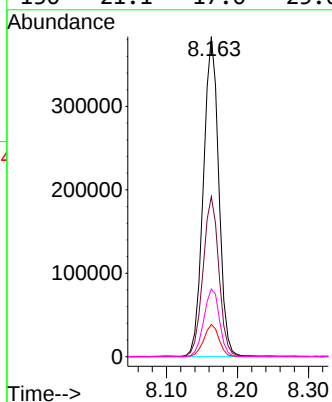
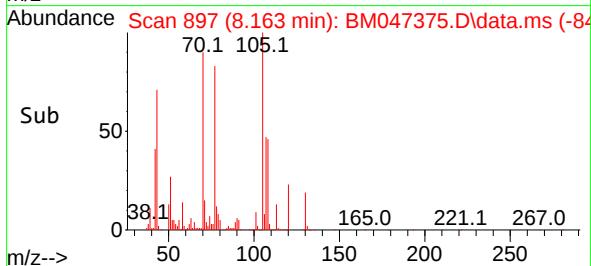


Tgt Ion:	70	Resp:	57767
Ion Ratio	100	Lower	Upper
70	100		
42	50.0	41.0	61.4
101	10.1	7.9	11.9
130	21.1	17.0	25.6

Manual Integrations

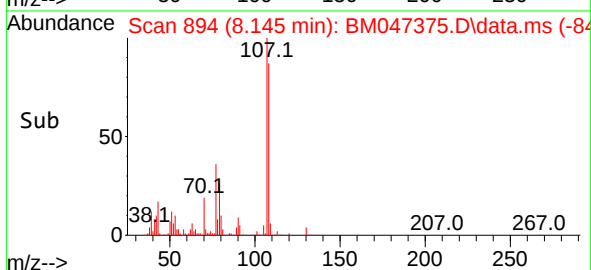
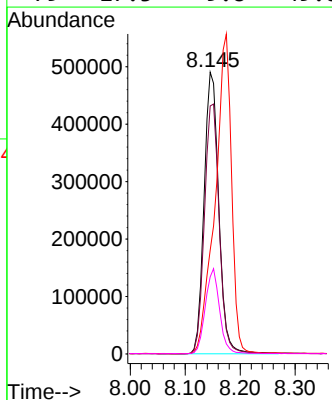
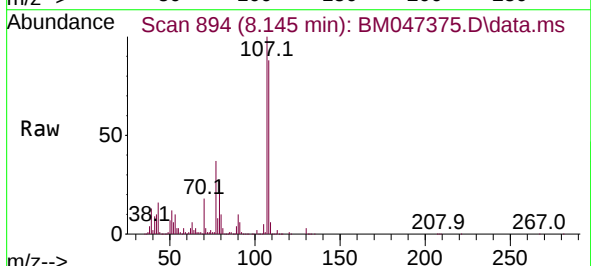
APPROVED

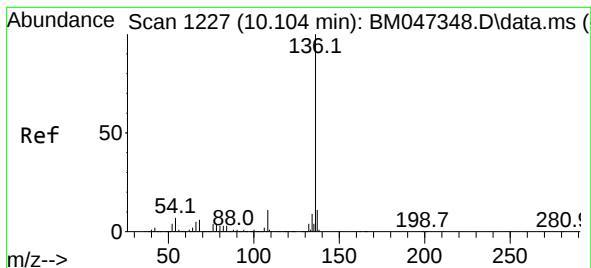
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#20
3+4-Methylphenols
Concen: 47.967 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

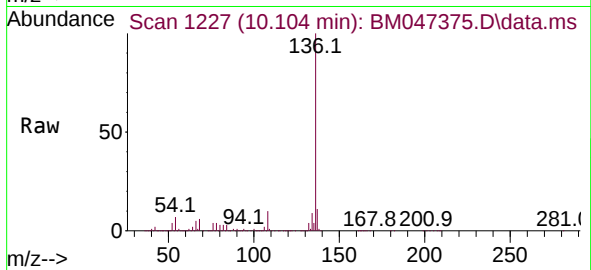
Tgt Ion:	107	Resp:	910061
Ion Ratio	100	Lower	Upper
107	100		
108	88.0	69.8	109.8
77	36.8	18.0	58.0
79	27.3	9.8	49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

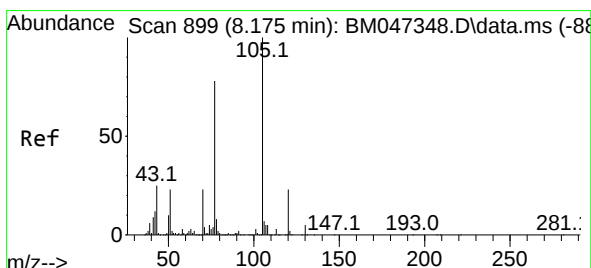
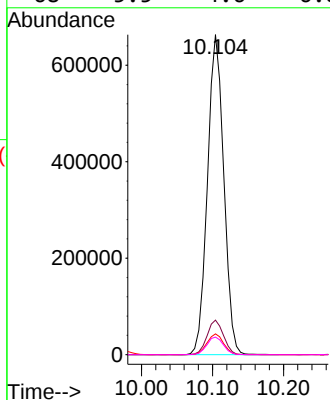
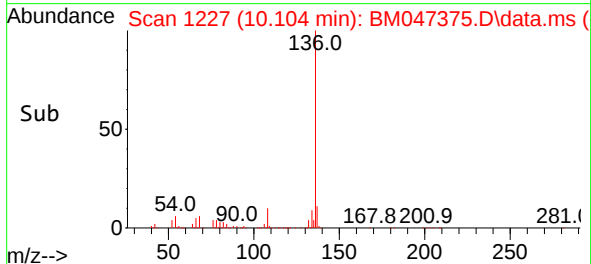
Instrument :
BNA_M
ClientSampleId :
PB163019BS



Tgt Ion:136 Resp: 1059844
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.2 7.8
68 5.5 4.6 6.8

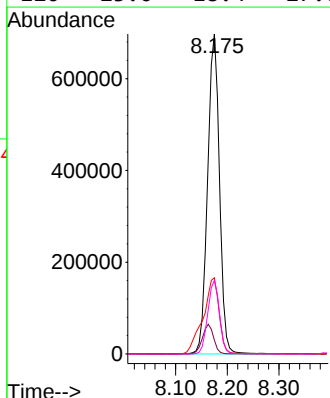
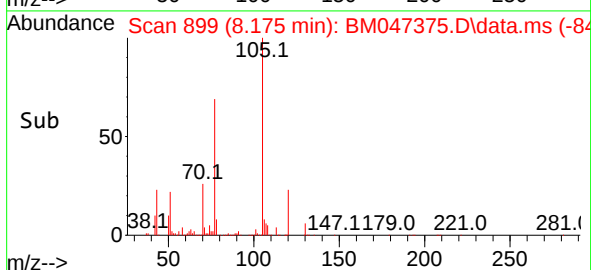
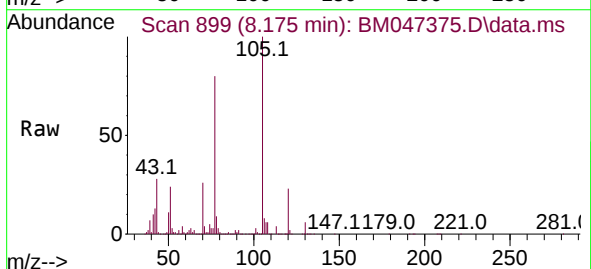
Manual Integrations
APPROVED

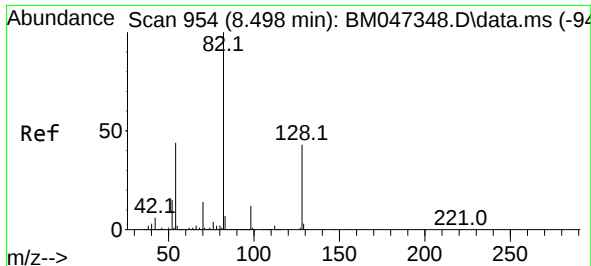
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#22
Acetophenone
Concen: 45.199 ng
RT: 8.175 min Scan# 899
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:105 Resp: 1111751
Ion Ratio Lower Upper
105 100
71 4.3 3.1 4.7
51 23.8 18.7 28.1
120 23.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 90.585 ng

RT: 8.504 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM047375.D

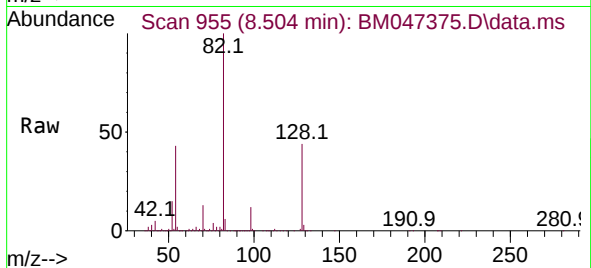
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS



Tgt Ion: 82 Resp: 173027

Ion Ratio Lower Upper

82 100

128 44.4 34.6 51.8

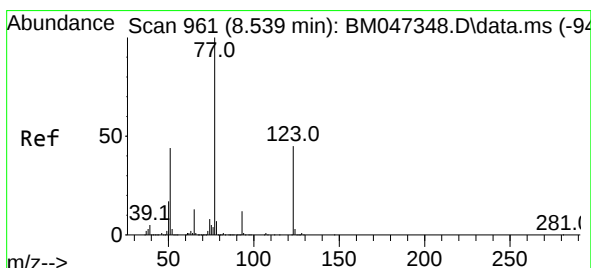
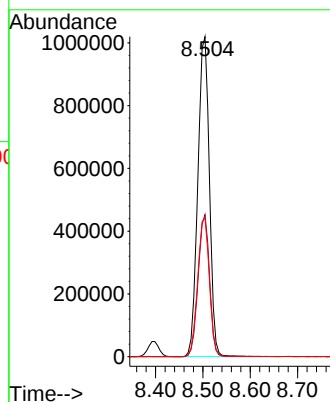
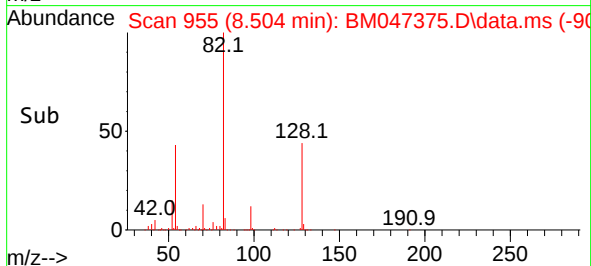
54 43.4 35.5 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024

Supervised By :mohammad ahmed 08/30/2024



#24

Nitrobenzene

Concen: 45.111 ng

RT: 8.545 min Scan# 962

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

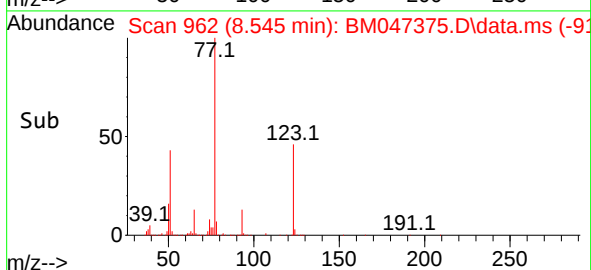
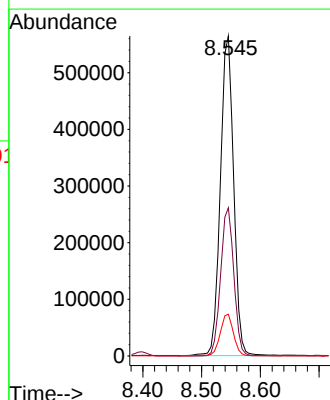
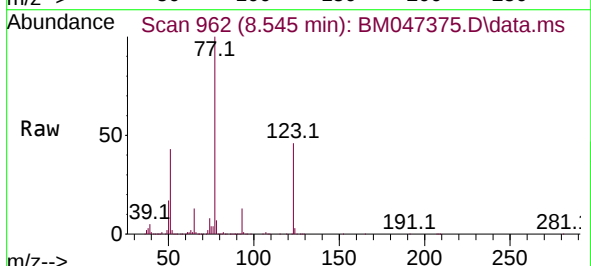
Tgt Ion: 77 Resp: 886215

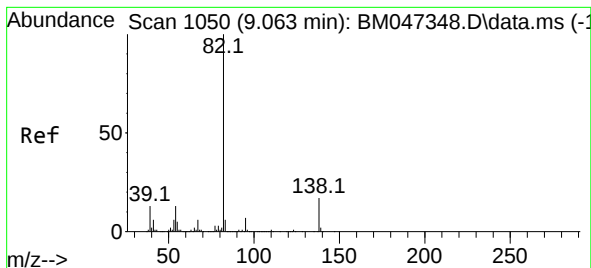
Ion Ratio Lower Upper

77 100

123 46.3 35.6 53.4

65 13.1 10.5 15.7





#25

Isophorone

Concen: 45.867 ng

RT: 9.069 min Scan# 1050

Delta R.T. 0.006 min

Lab File: BM047375.D

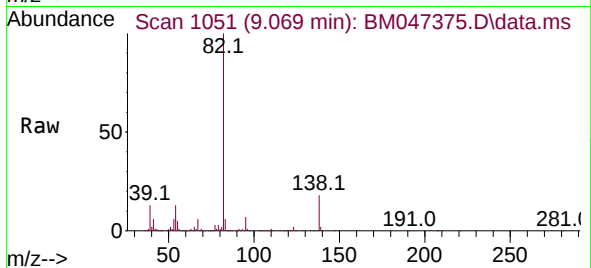
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS



Tgt Ion: 82 Resp: 165584

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

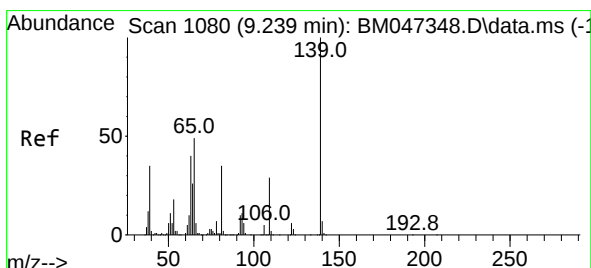
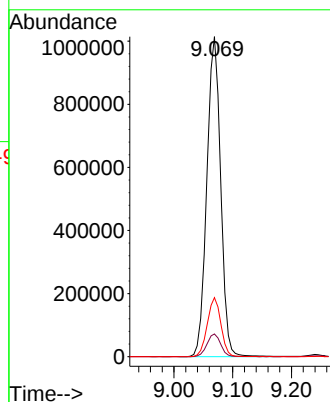
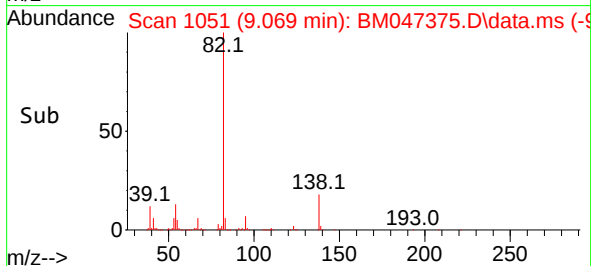
138 18.5 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024

Supervised By :mohammad ahmed 08/30/2024



#26

2-Nitrophenol

Concen: 50.622 ng

RT: 9.239 min Scan# 1080

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

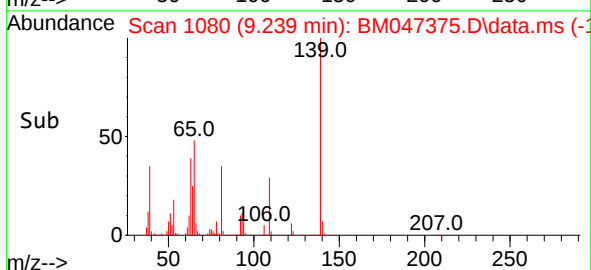
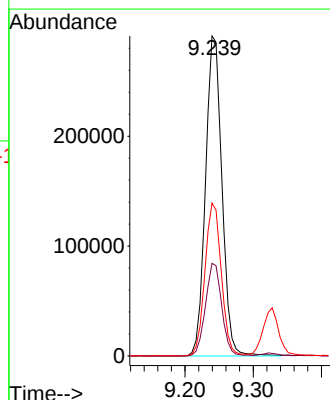
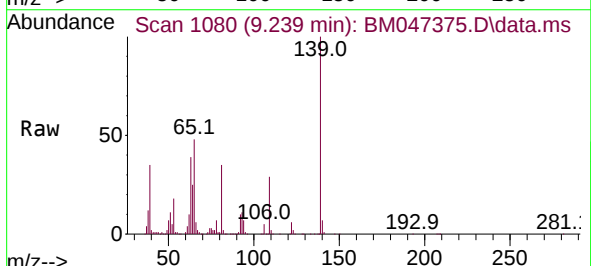
Tgt Ion:139 Resp: 489169

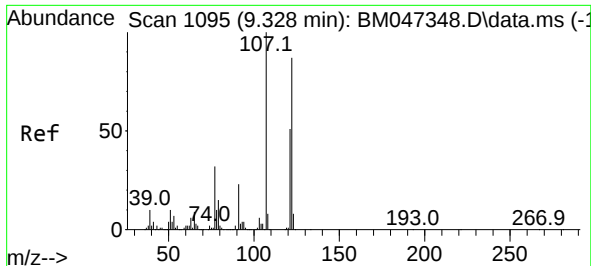
Ion Ratio Lower Upper

139 100

109 28.9 23.4 35.0

65 47.8 39.6 59.4





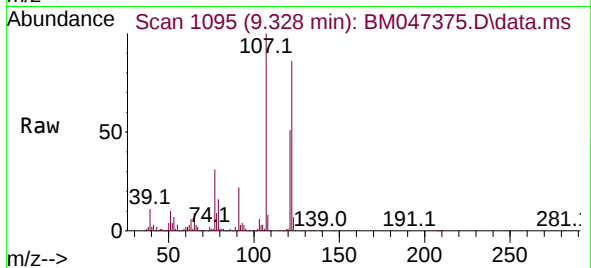
#27
2,4-Dimethylphenol
Concen: 61.658 ng
RT: 9.328 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

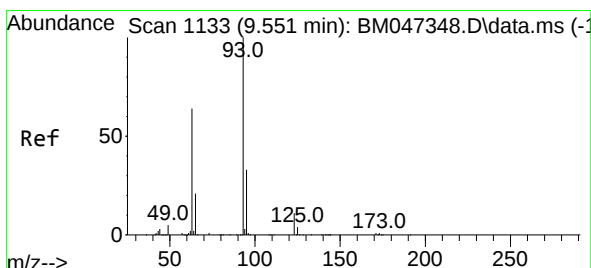
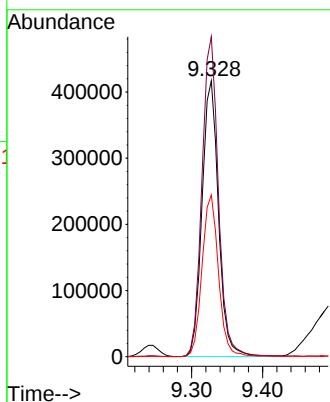
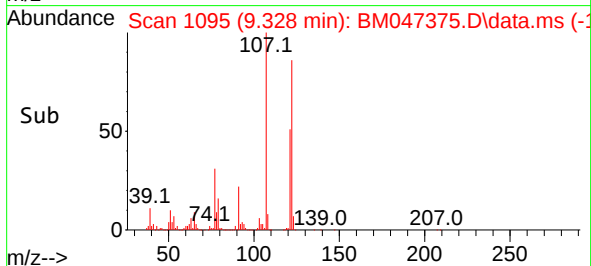


Tgt Ion:122 Resp: 672529
Ion Ratio Lower Upper
122 100
107 116.0 91.9 137.9
121 58.7 47.0 70.6

Manual Integrations

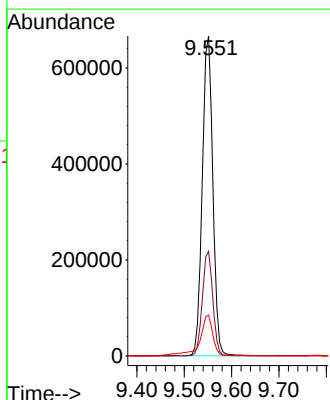
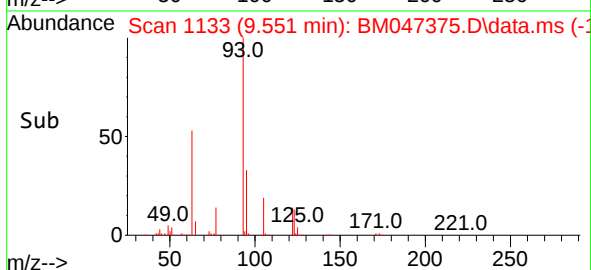
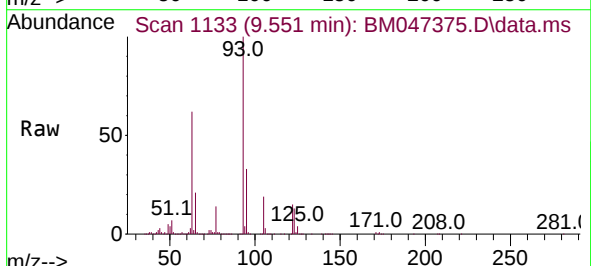
APPROVED

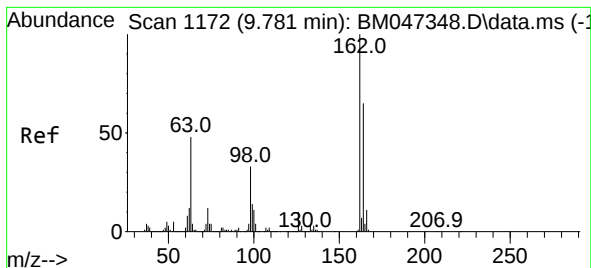
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.572 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 93 Resp: 1029577
Ion Ratio Lower Upper
93 100
95 32.7 26.6 39.8
123 12.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 52.881 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047375.D

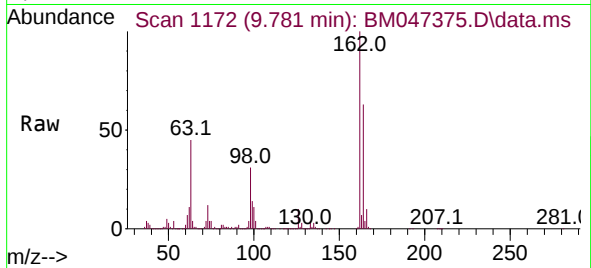
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS



Tgt Ion:162 Resp: 894739

Ion Ratio Lower Upper

162 100

164 62.7 44.6 84.6

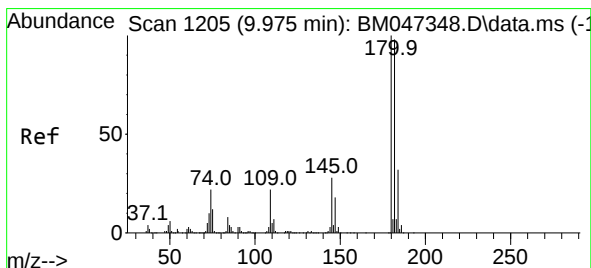
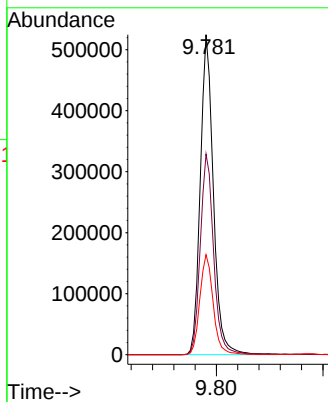
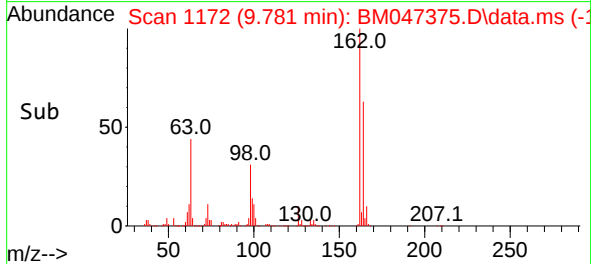
98 31.2 13.2 53.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024

Supervised By :mohammad ahmed 08/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.641 ng

RT: 9.975 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

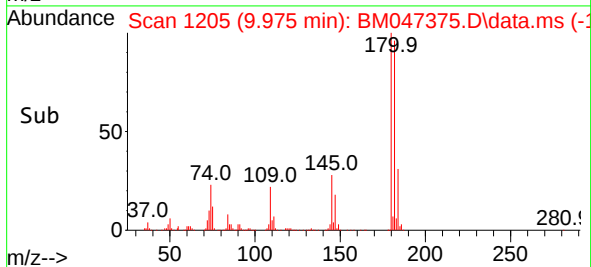
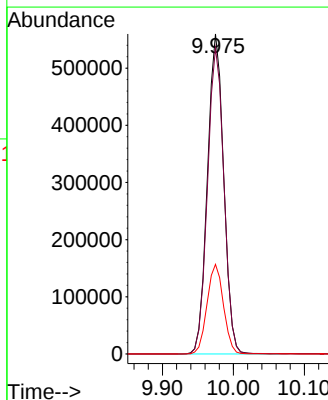
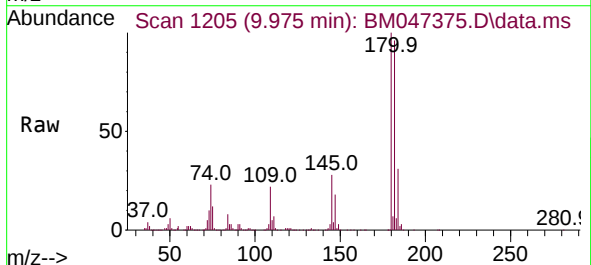
Tgt Ion:180 Resp: 891970

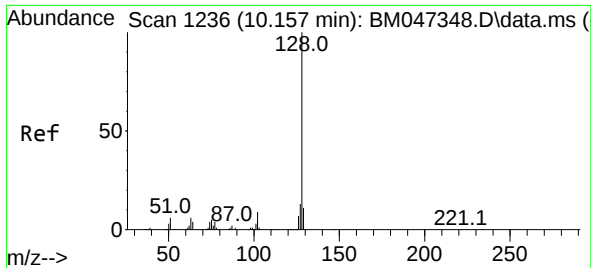
Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.2

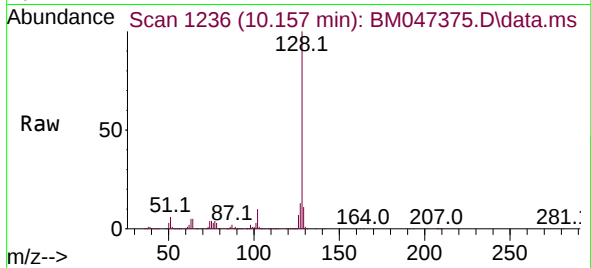
145 28.0 22.3 33.5





#31
Naphthalene
Concen: 46.131 ng
RT: 10.157 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

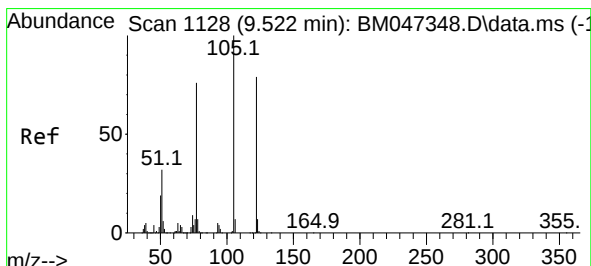
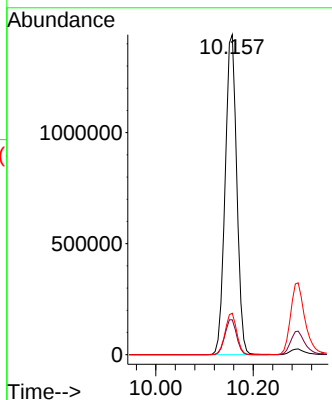
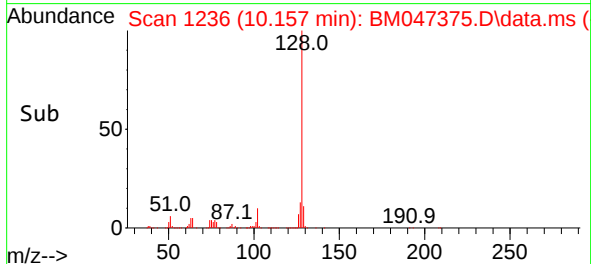
Instrument :
BNA_M
ClientSampleId :
PB163019BS



Tgt Ion:128 Resp: 2387972
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.4 15.6

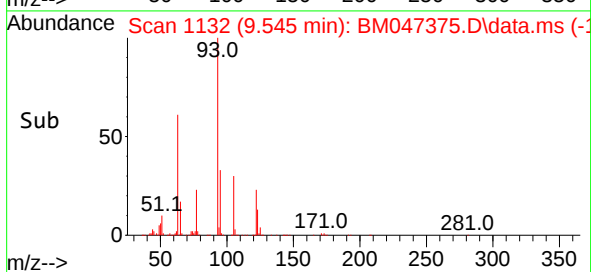
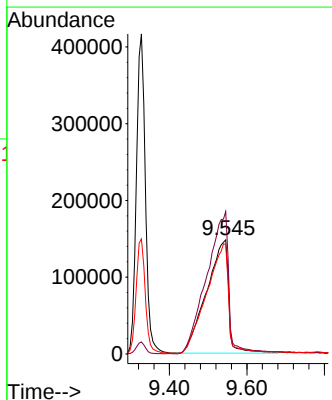
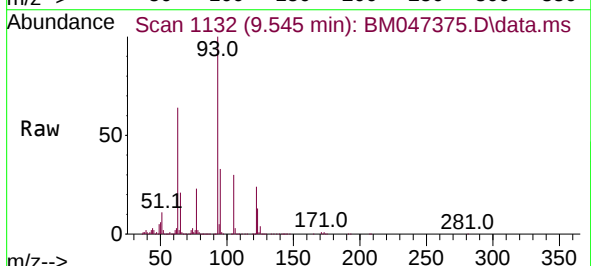
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#32
Benzoic acid
Concen: 44.930 ng
RT: 9.545 min Scan# 1132
Delta R.T. 0.023 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:122 Resp: 585197
Ion Ratio Lower Upper
122 100
105 124.8 106.0 146.0
77 96.1 76.3 116.3





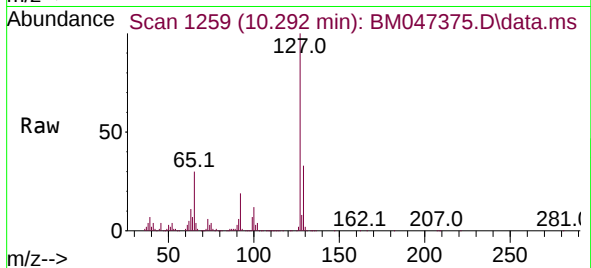
#33
4-Chloroaniline
Concen: 35.197 ng
RT: 10.292 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

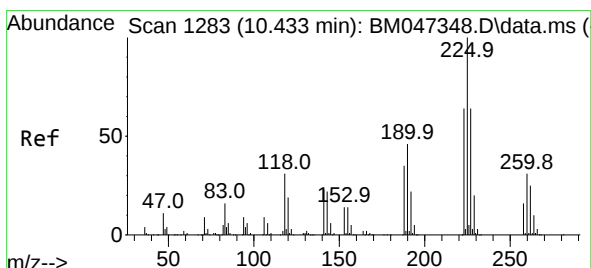
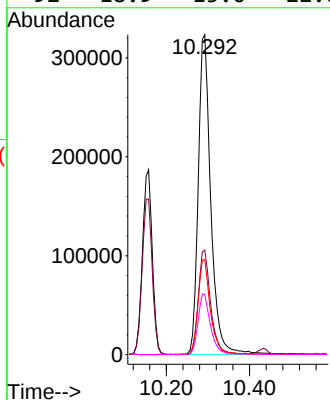
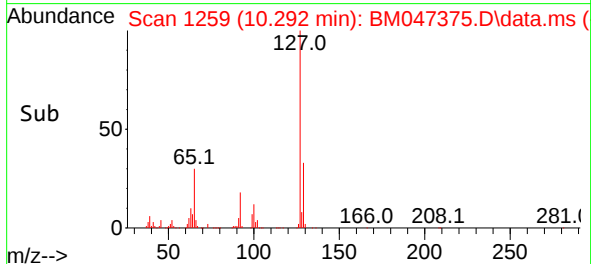


Tgt Ion:127 Resp: 677459
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 29.7 24.2 36.2
92 18.9 15.0 22.6

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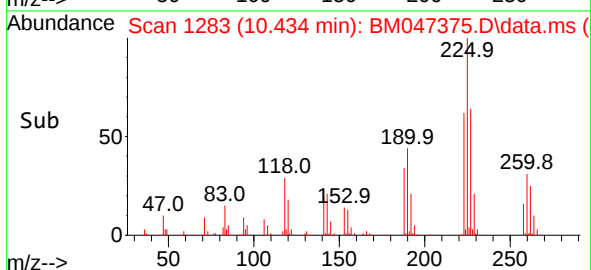
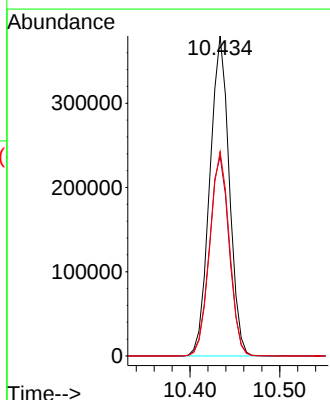
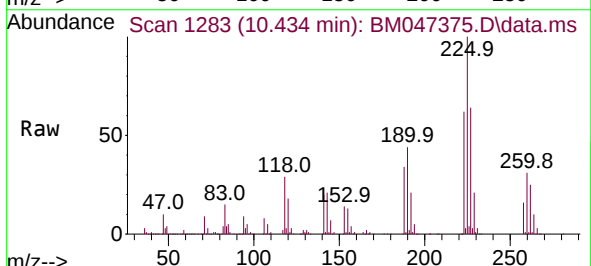
APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#34
Hexachlorobutadiene
Concen: 46.844 ng
RT: 10.434 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

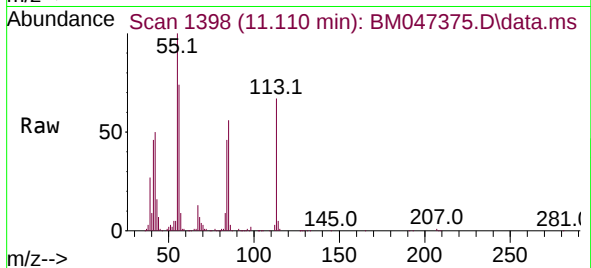
Tgt Ion:225 Resp: 571744
Ion Ratio Lower Upper
225 100
223 62.4 51.1 76.7
227 63.9 51.0 76.6





#35
Caprolactam
Concen: 47.483 ng m
RT: 11.110 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

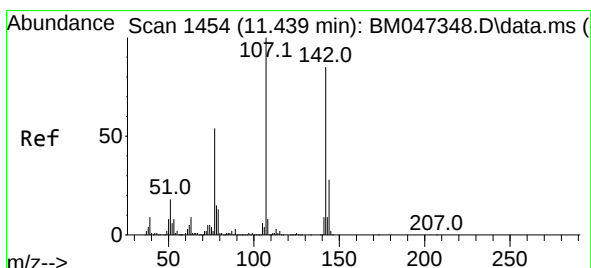
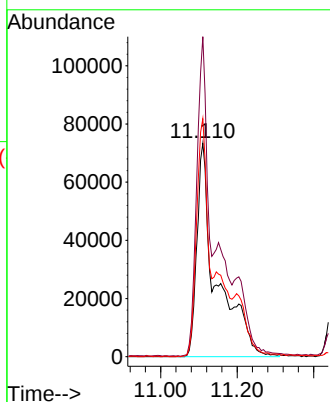
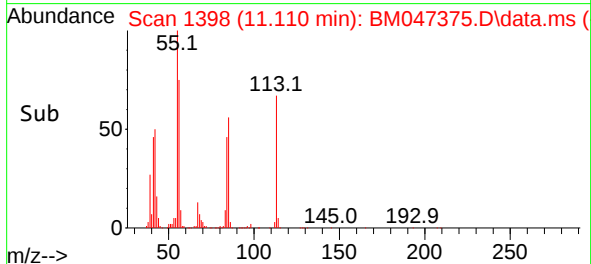
Instrument :
BNA_M
ClientSampleId :
PB163019BS



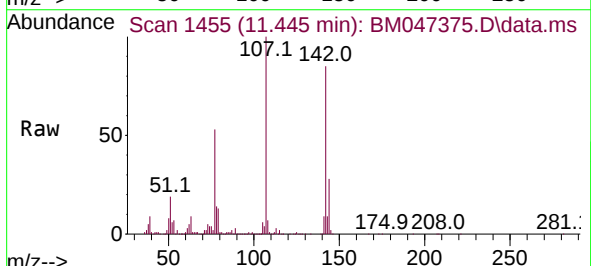
Tgt Ion:113 Resp: 260259
Ion Ratio Lower Upper
113 100
55 150.0 126.2 166.2
56 111.5 93.2 133.2

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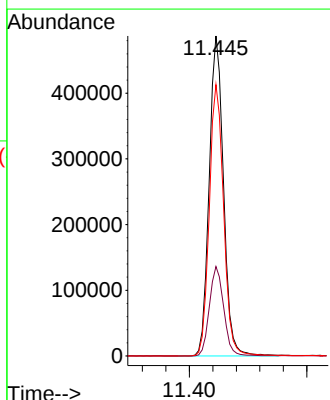
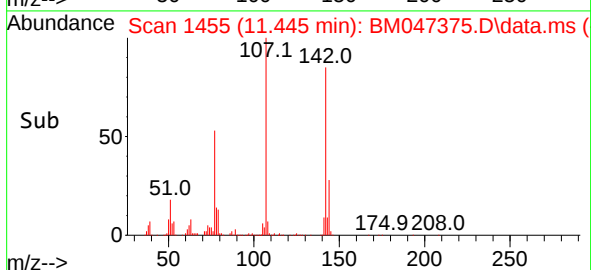
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

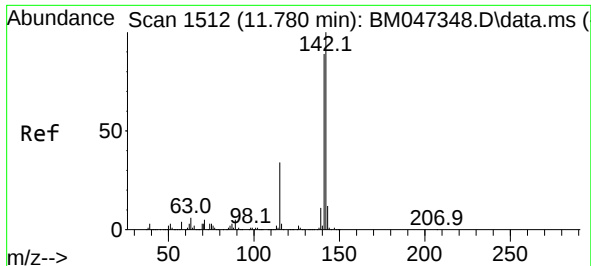


#36
4-Chloro-3-methylphenol
Concen: 48.096 ng
RT: 11.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



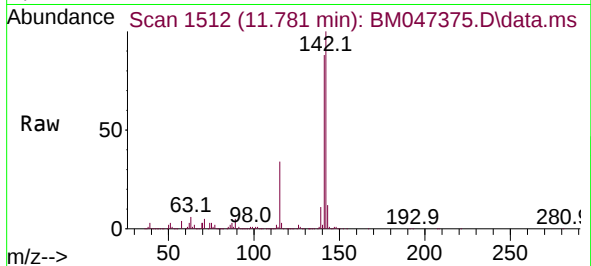
Tgt Ion:107 Resp: 826397
Ion Ratio Lower Upper
107 100
144 27.9 22.2 33.4
142 84.8 67.7 101.5





#37
2-Methylnaphthalene
Concen: 46.690 ng
RT: 11.781 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

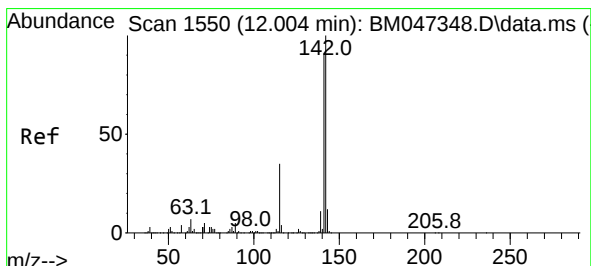
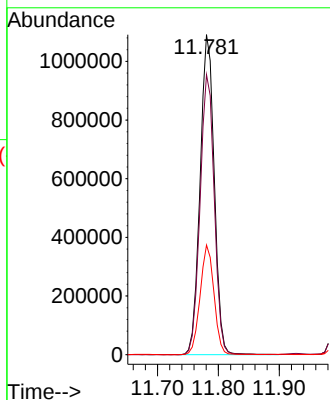
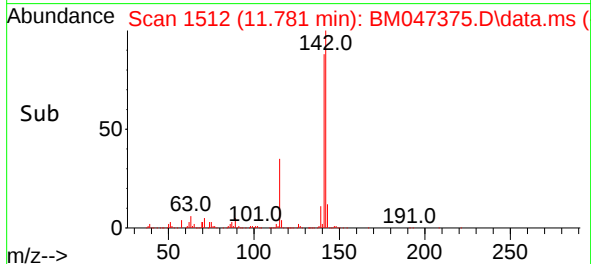
Instrument :
BNA_M
ClientSampleId :
PB163019BS



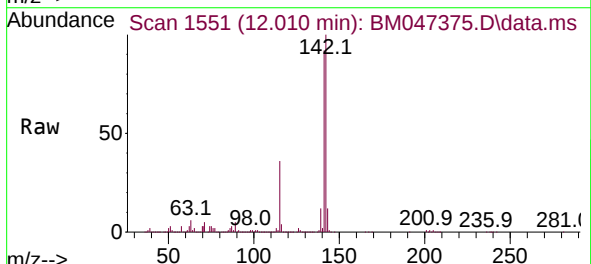
Tgt Ion:142 Resp: 176225
Ion Ratio Lower Upper
142 100
141 87.5 70.8 106.2
115 34.3 27.5 41.3

Manual Integrations
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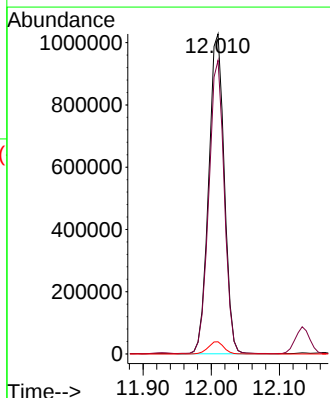
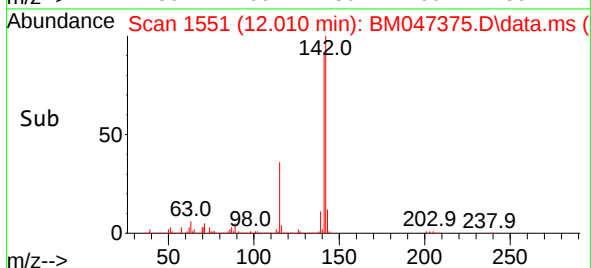
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

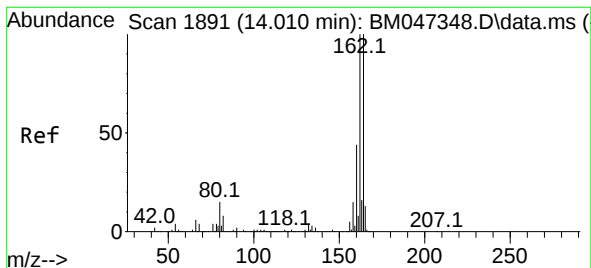


#38
1-Methylnaphthalene
Concen: 43.814 ng
RT: 12.010 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



Tgt Ion:142 Resp: 1635521
Ion Ratio Lower Upper
142 100
141 91.8 72.9 109.3
116 3.8 3.0 4.6





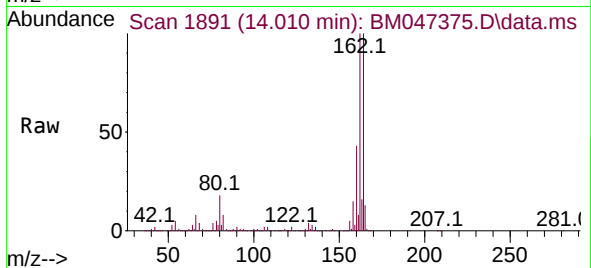
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

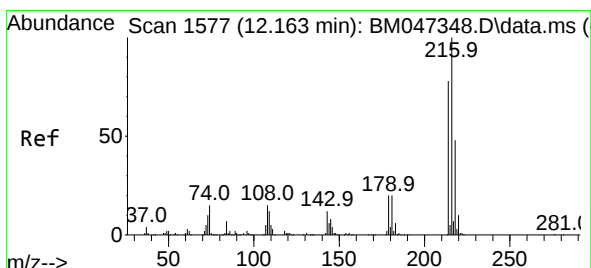
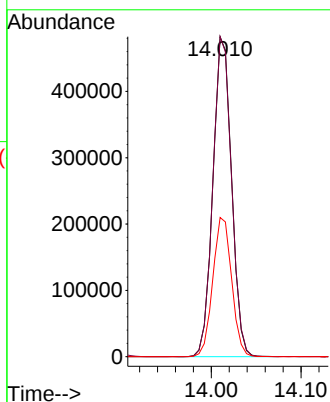
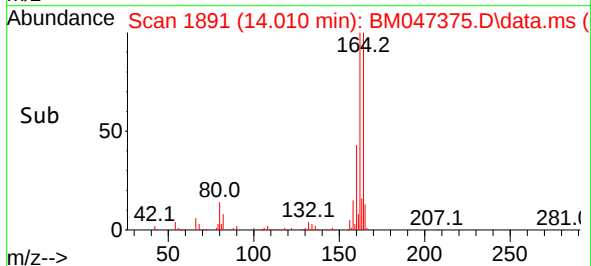


Tgt Ion:164 Resp: 695260
Ion Ratio Lower Upper
164 100
162 100.0 79.7 119.5
160 43.5 34.9 52.3

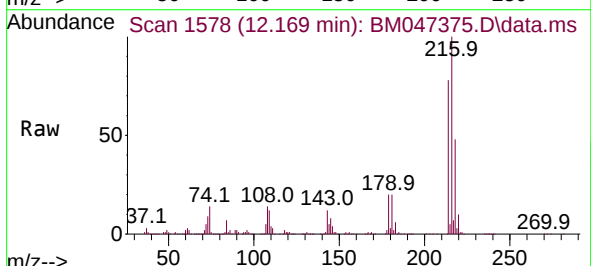
Manual Integrations

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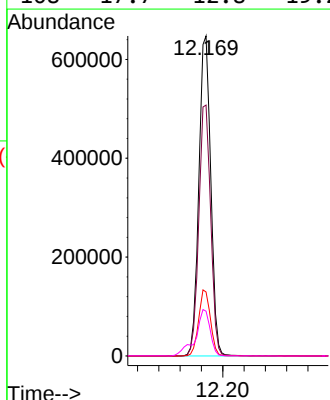
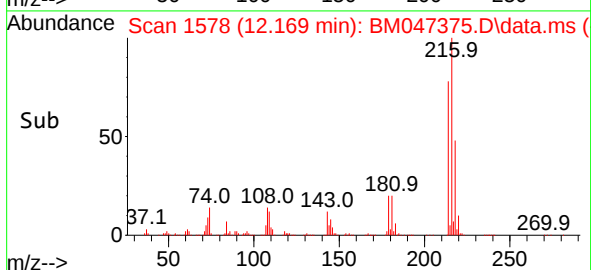
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

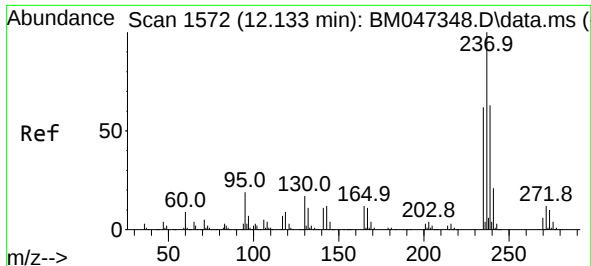


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.730 ng
RT: 12.169 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



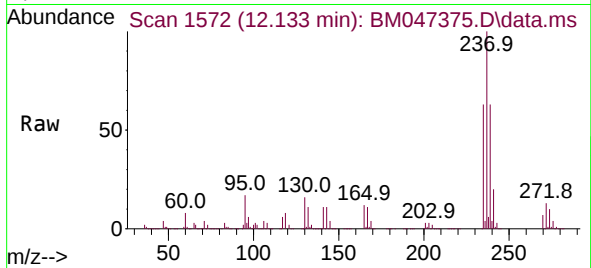
Tgt Ion:216 Resp: 1003260
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 20.5 16.6 24.8
108 17.7 12.8 19.2





#41
Hexachlorocyclopentadiene
Concen: 182.182 ng
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

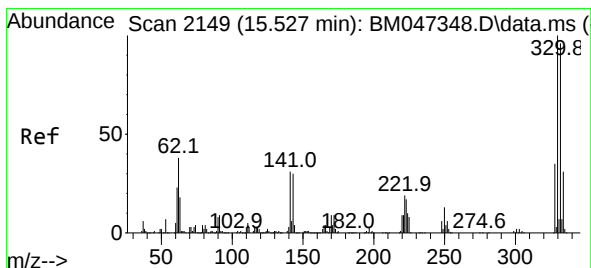
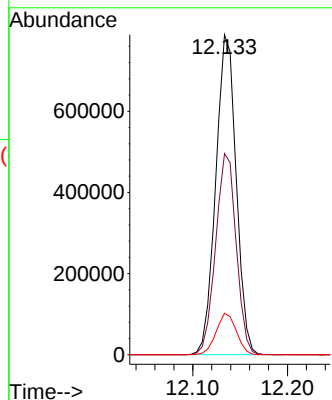
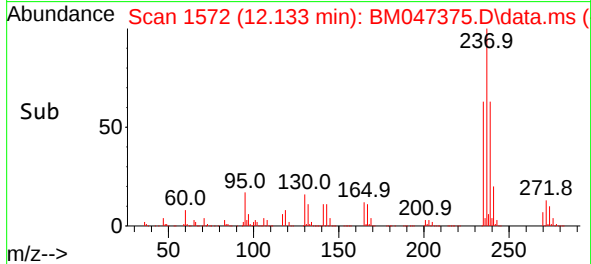
Instrument :
BNA_M
ClientSampleId :
PB163019BS



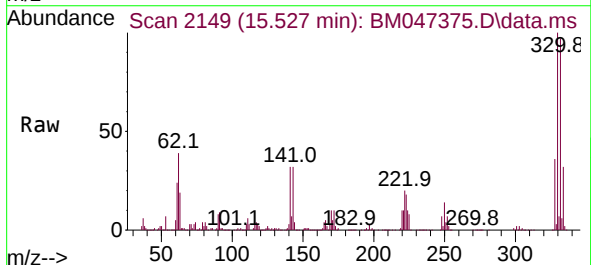
Tgt Ion:237 Resp: 1183770
Ion Ratio Lower Upper
237 100
235 62.8 42.1 82.1
272 13.0 0.0 32.3

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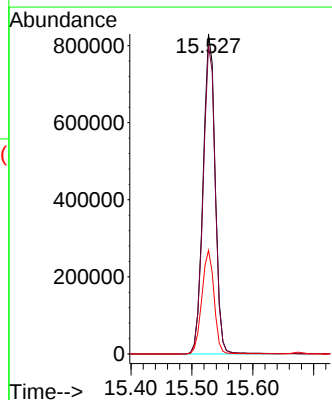
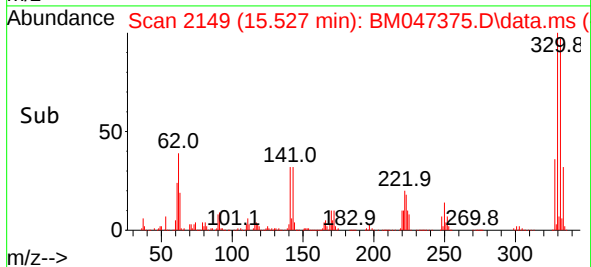
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

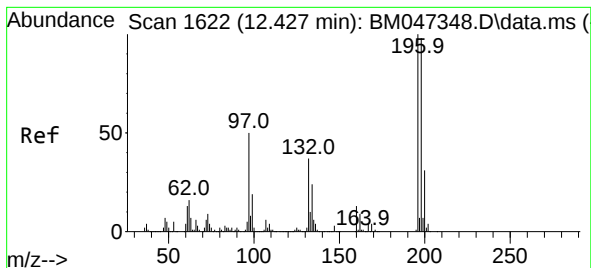


#42
2,4,6-Tribromophenol
Concen: 136.736 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



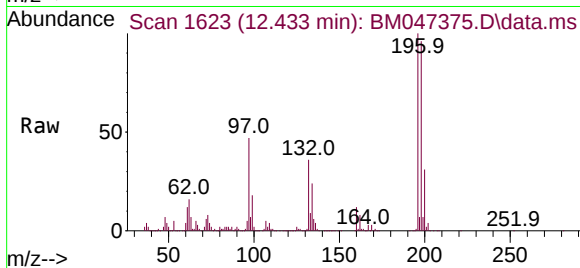
Tgt Ion:330 Resp: 1146980
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 32.8 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 51.607 ng
RT: 12.433 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

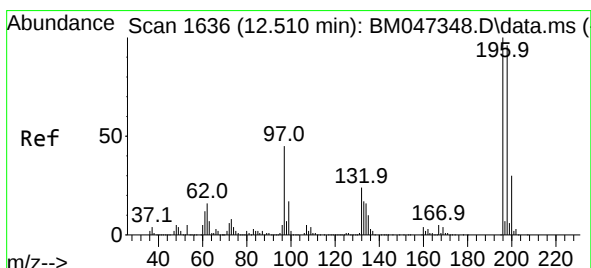
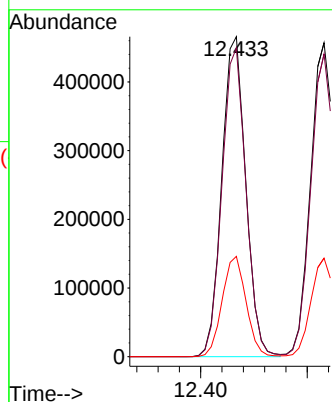
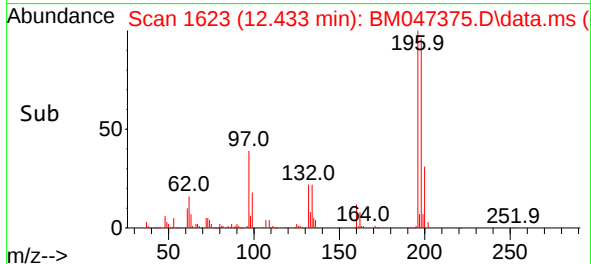
Instrument :
BNA_M
ClientSampleId :
PB163019BS



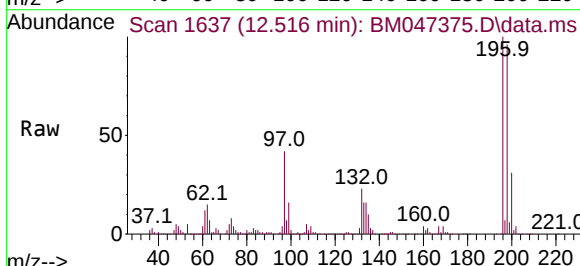
Tgt Ion:196 Resp: 72835
Ion Ratio Lower Upper
196 100
198 96.5 78.2 117.2
200 31.4 24.9 37.3

Manual Integrations
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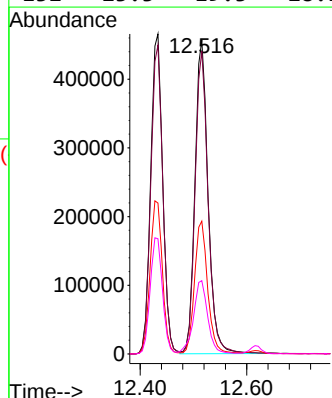
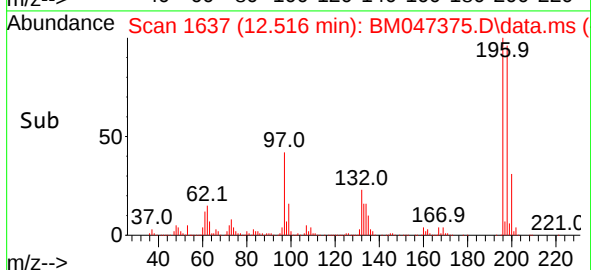
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

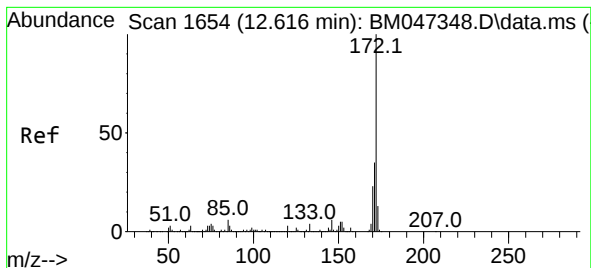


#44
2,4,5-Trichlorophenol
Concen: 49.942 ng
RT: 12.516 min Scan# 1637
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



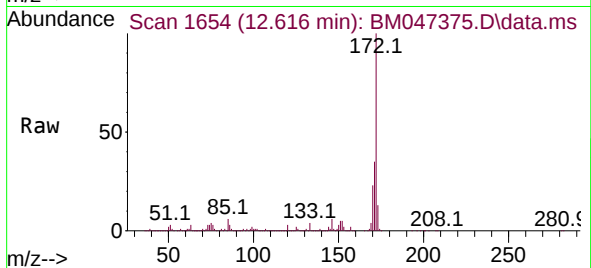
Tgt Ion:196 Resp: 782786
Ion Ratio Lower Upper
196 100
198 96.4 76.6 115.0
97 42.3 35.9 53.9
132 23.3 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 91.895 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

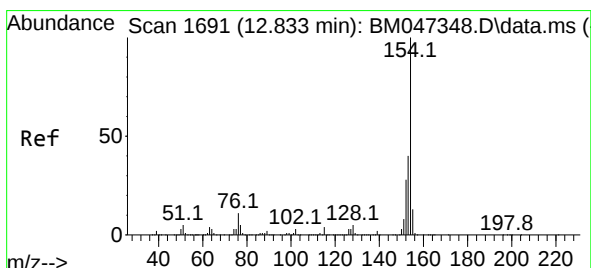
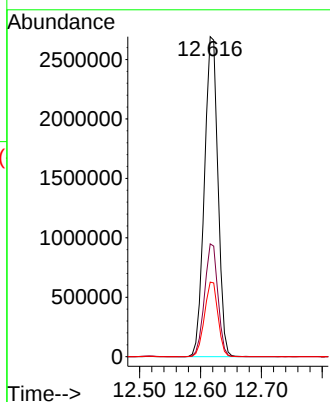
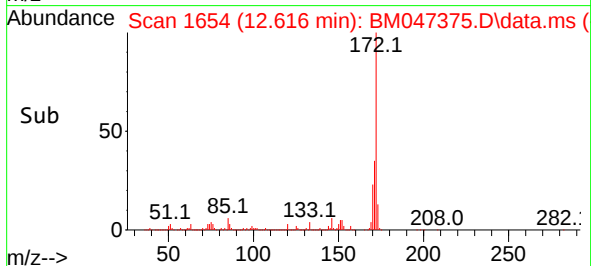
Instrument :
BNA_M
ClientSampleId :
PB163019BS



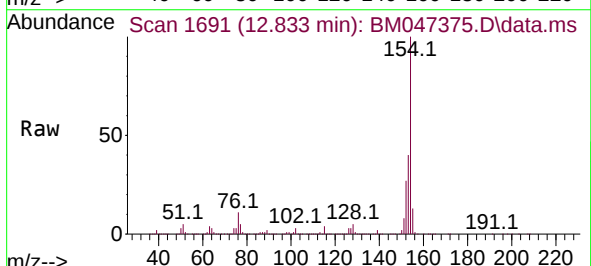
Tgt Ion:172 Resp: 4158234
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.3 18.5 27.7

Manual Integrations
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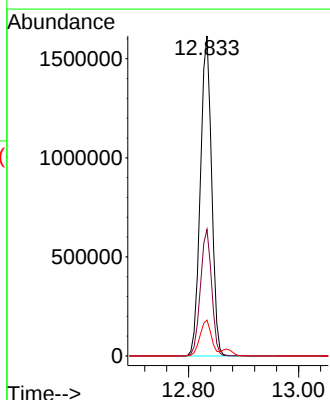
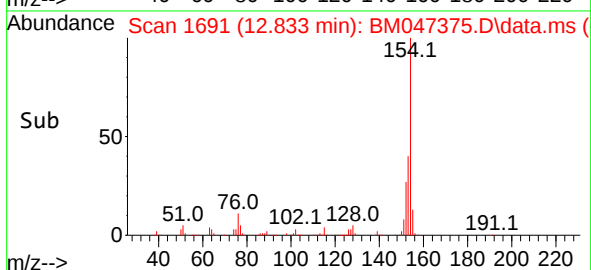
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

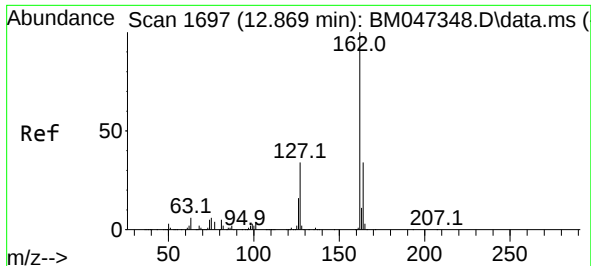


#46
1,1'-Biphenyl
Concen: 47.229 ng
RT: 12.833 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



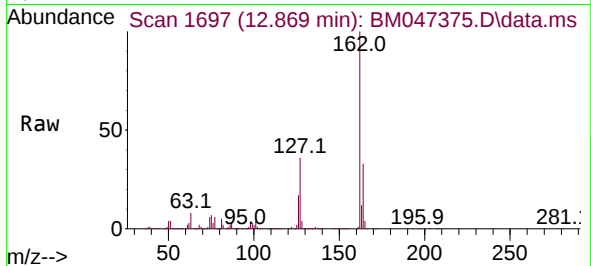
Tgt Ion:154 Resp: 2292818
Ion Ratio Lower Upper
154 100
153 39.5 20.1 60.1
76 11.2 0.0 31.2





#47
2-Chloronaphthalene
Concen: 46.228 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

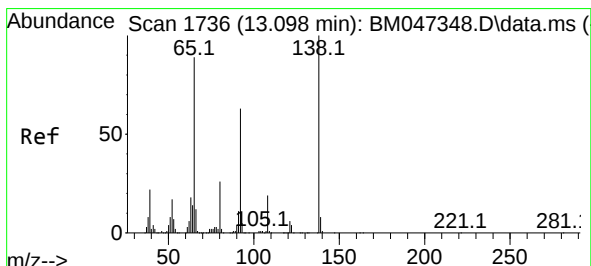
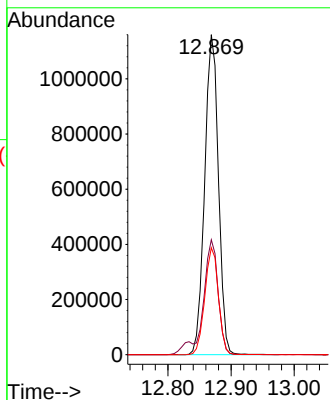
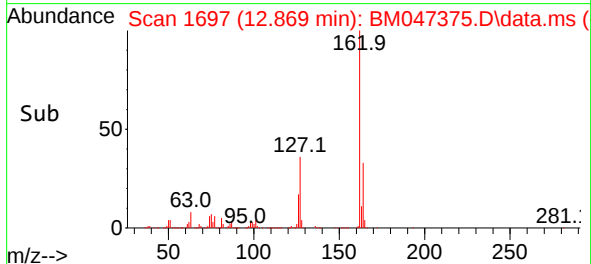
Instrument :
BNA_M
ClientSampleId :
PB163019BS



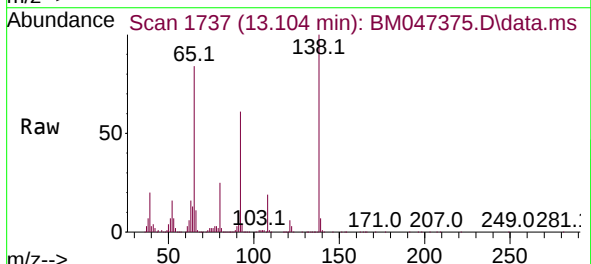
Tgt Ion:162 Resp: 1758698
Ion Ratio Lower Upper
162 100
127 35.9 28.3 42.5
164 33.4 27.0 40.4

Manual Integrations
APPROVED

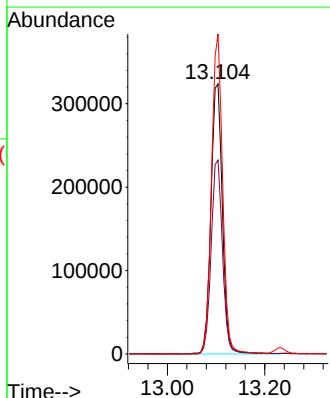
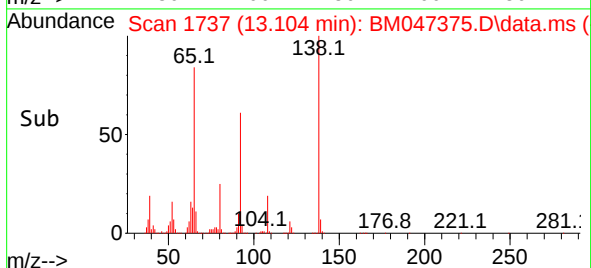
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

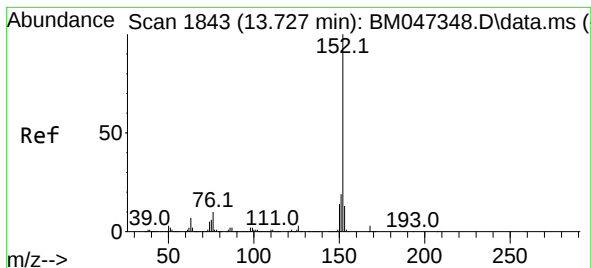


#48
2-Nitroaniline
Concen: 49.633 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



Tgt Ion: 65 Resp: 528929
Ion Ratio Lower Upper
65 100
92 71.8 57.0 85.6
138 118.5 90.0 135.0





#49

Acenaphthylene

Concen: 51.096 ng

RT: 13.727 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BM047375.D

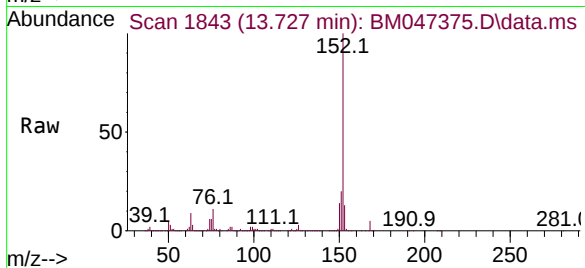
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS



Tgt Ion:152 Resp: 2825234

Ion Ratio Lower Upper

152 100

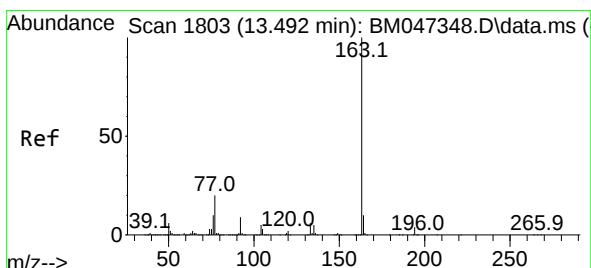
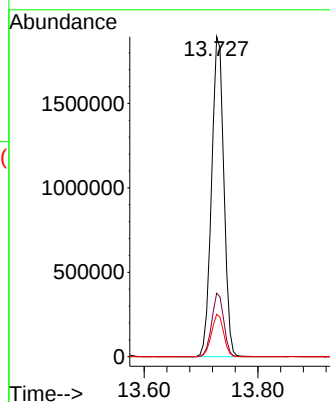
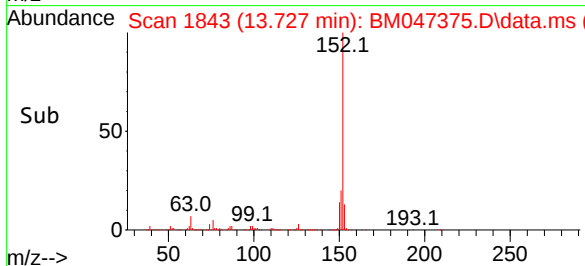
151 19.9 15.4 23.0

153 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#50

Dimethylphthalate

Concen: 48.764 ng

RT: 13.492 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

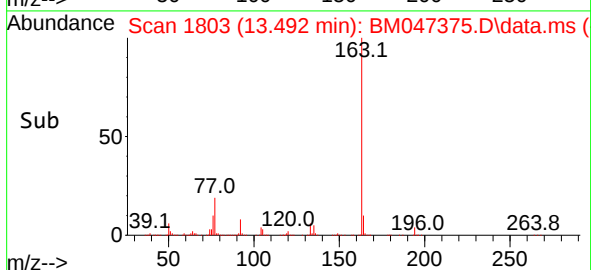
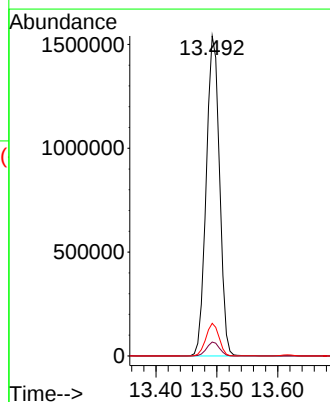
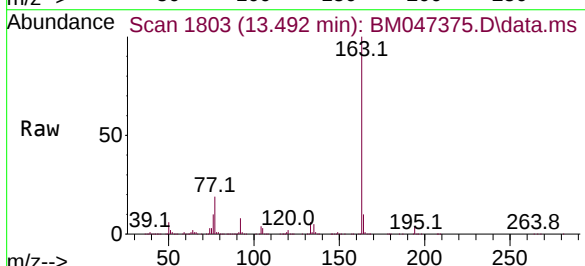
Tgt Ion:163 Resp: 2336096

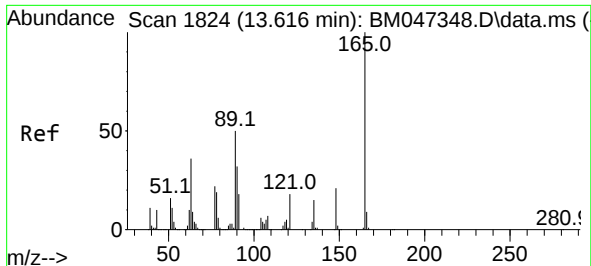
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.2 8.2 12.4





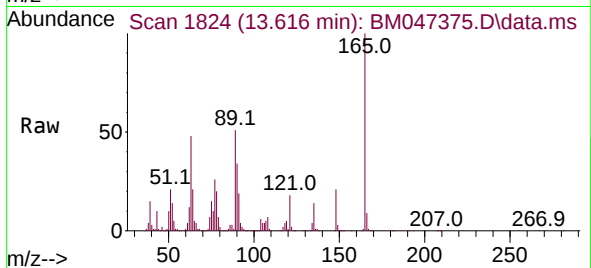
#51
2,6-Dinitrotoluene
Concen: 47.083 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

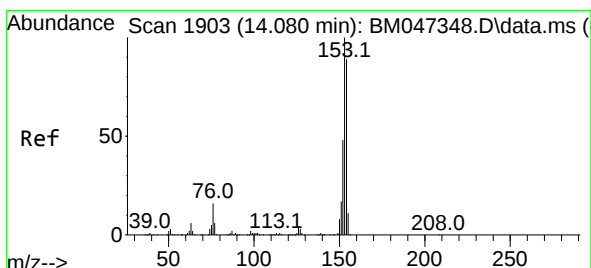
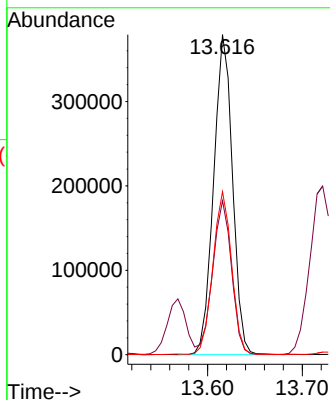
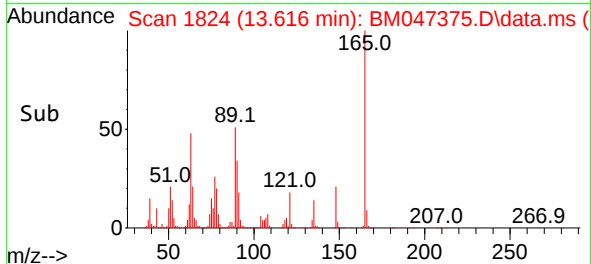


Tgt Ion:165 Resp: 525172
Ion Ratio Lower Upper
165 100
63 48.1 38.2 57.4
89 50.9 40.4 60.6

Manual Integrations

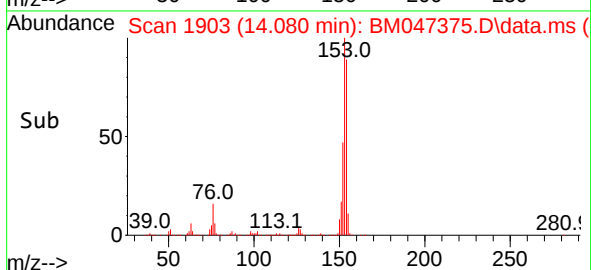
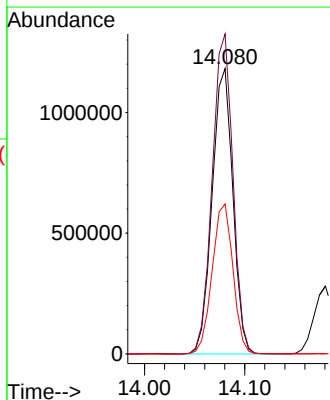
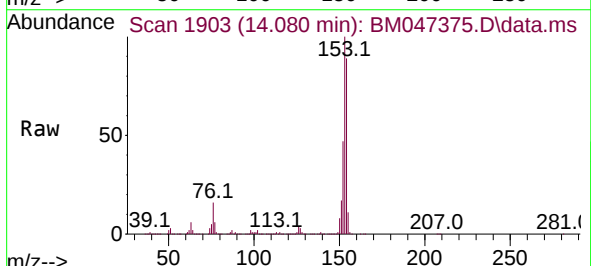
APPROVED

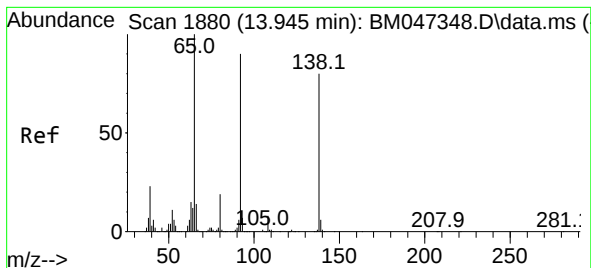
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#52
Acenaphthene
Concen: 48.317 ng
RT: 14.080 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

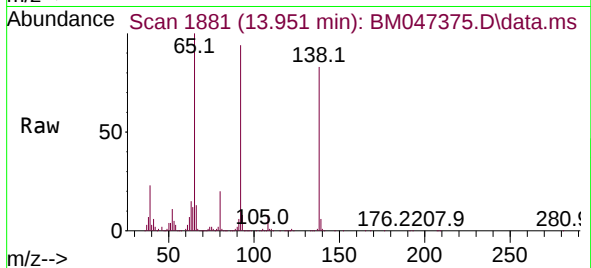
Tgt Ion:154 Resp: 1695984
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 52.6 43.0 64.4





#53
3-Nitroaniline
Concen: 36.535 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

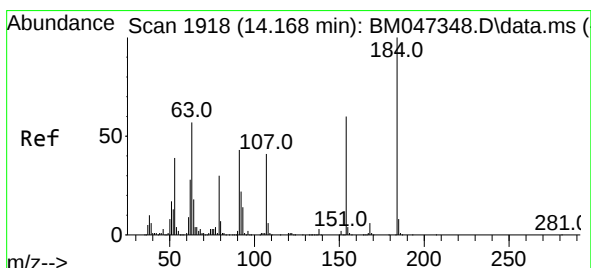
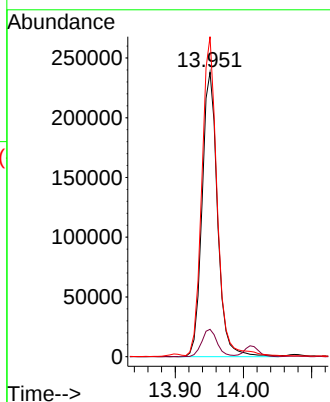
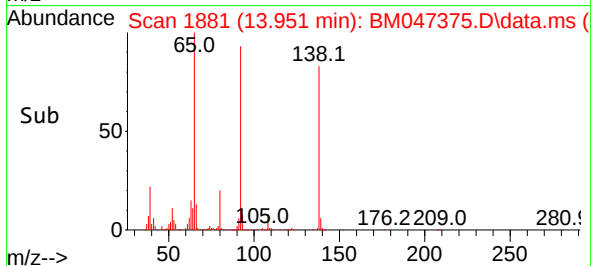
Instrument :
BNA_M
ClientSampleId :
PB163019BS



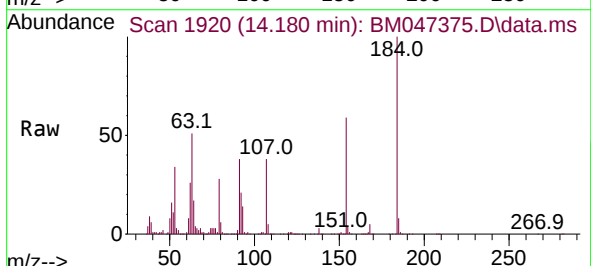
Tgt Ion:138 Resp: 37603
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 112.5 90.1 135.1

Manual Integrations
APPROVED

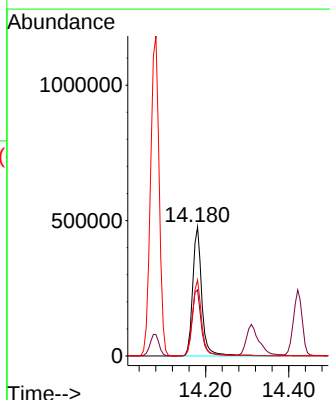
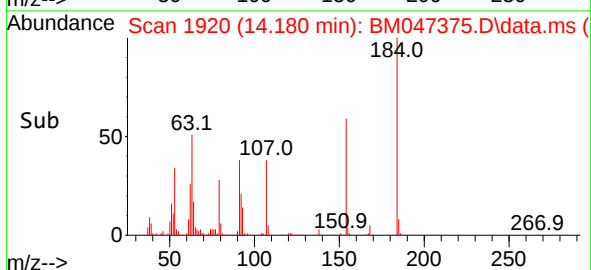
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

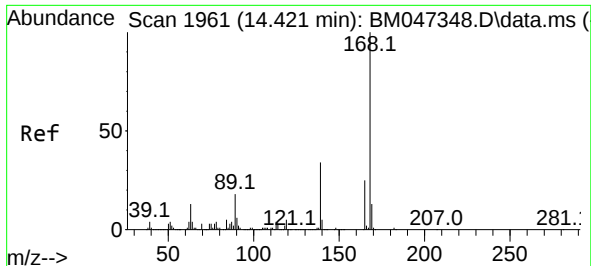


#54
2,4-Dinitrophenol
Concen: 106.287 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.012 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



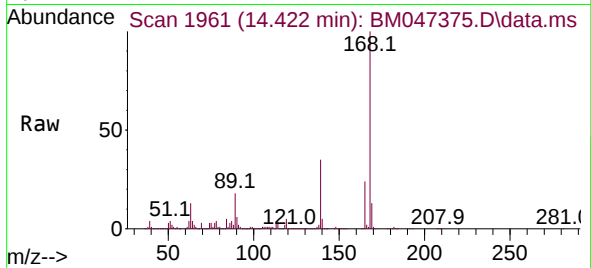
Tgt Ion:184 Resp: 730090
Ion Ratio Lower Upper
184 100
63 51.1 45.7 68.5
154 58.9 48.5 72.7





#55
Dibenzenofuran
Concen: 47.651 ng
RT: 14.422 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

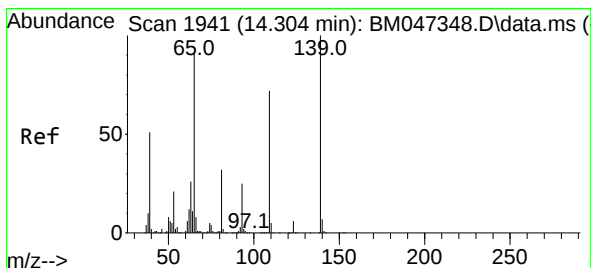
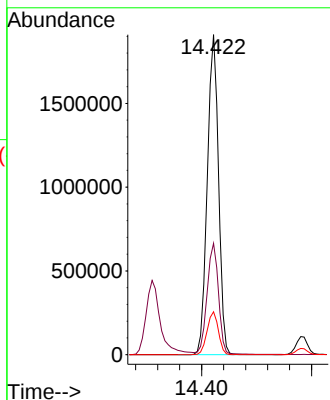
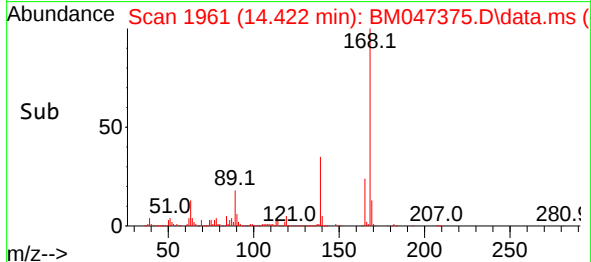
Instrument :
BNA_M
ClientSampleId :
PB163019BS



Tgt Ion:168 Resp: 2694092
Ion Ratio Lower Upper
168 100
139 34.8 27.5 41.3
169 13.4 10.5 15.7

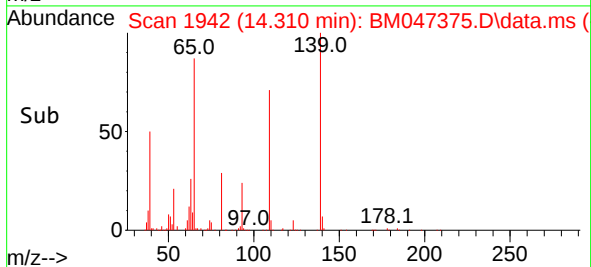
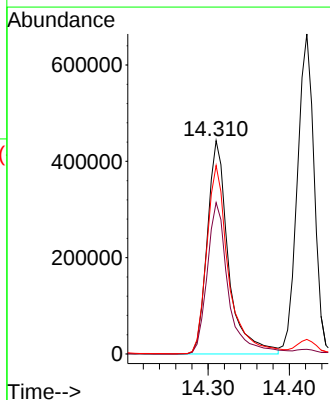
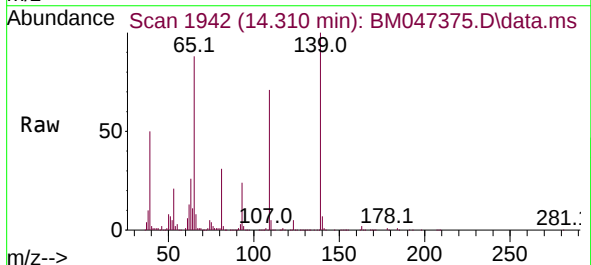
Manual Integrations
APPROVED

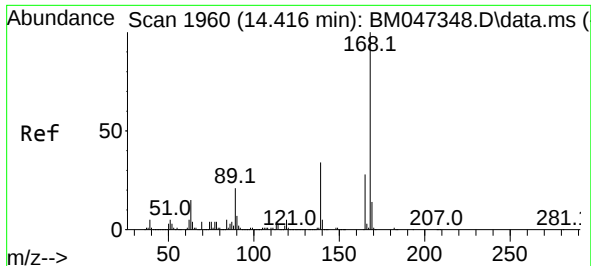
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#56
4-Nitrophenol
Concen: 99.654 ng
RT: 14.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:139 Resp: 801760
Ion Ratio Lower Upper
139 100
109 71.0 51.6 91.6
65 88.4 71.7 111.7





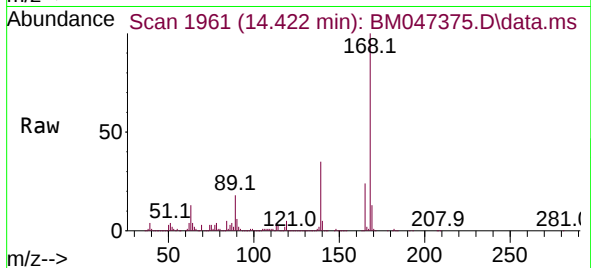
#57
2,4-Dinitrotoluene
Concen: 46.822 ng
RT: 14.422 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

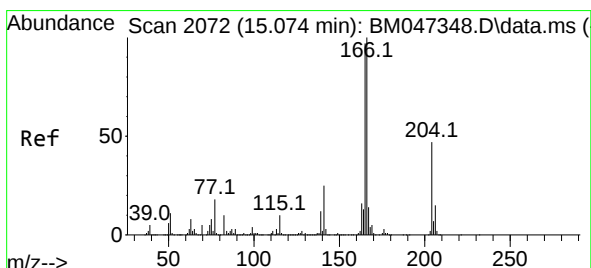
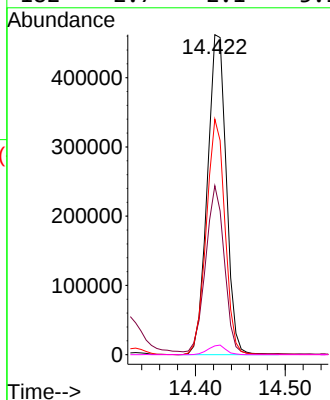
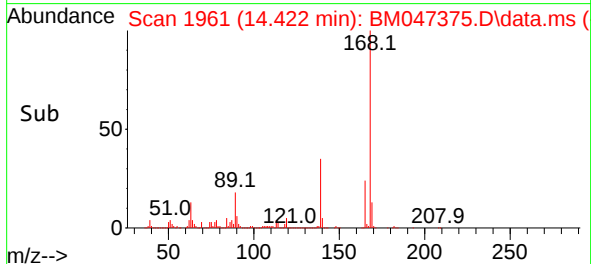


Tgt Ion:165 Resp: 676060
Ion Ratio Lower Upper
165 100
63 52.8 42.2 63.4
89 73.6 59.3 88.9
182 2.7 2.1 3.1

Manual Integrations

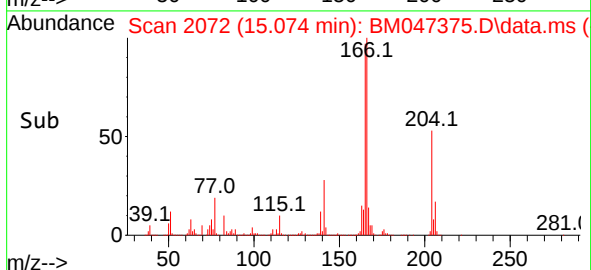
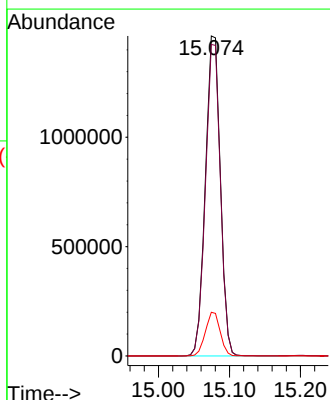
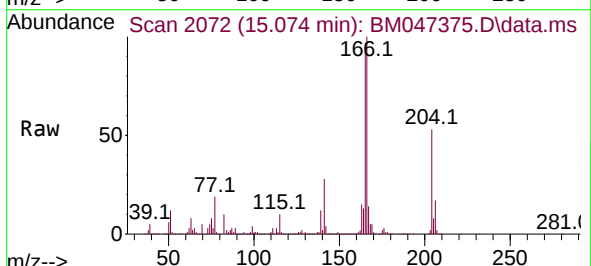
APPROVED

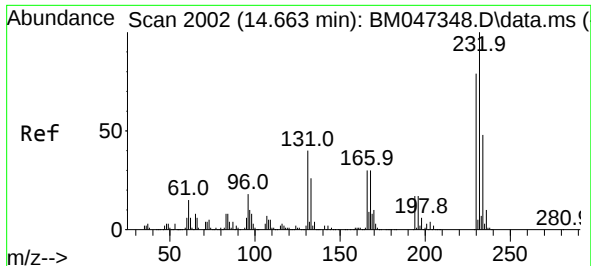
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#58
Fluorene
Concen: 47.026 ng
RT: 15.074 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:166 Resp: 2151770
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.6
167 13.7 11.1 16.7





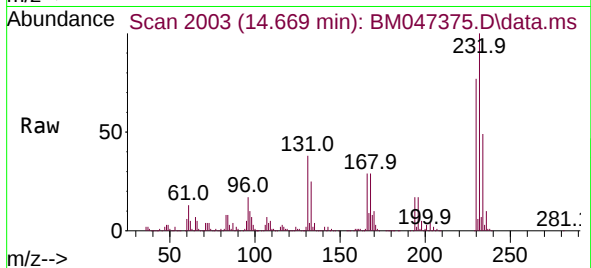
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.385 ng
RT: 14.669 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

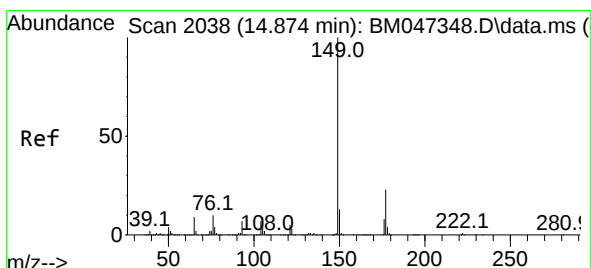
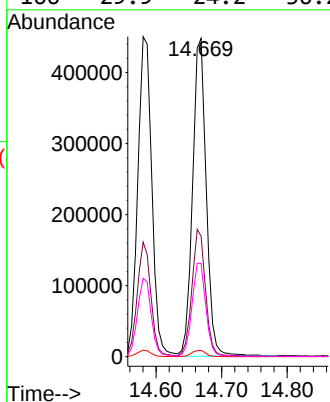
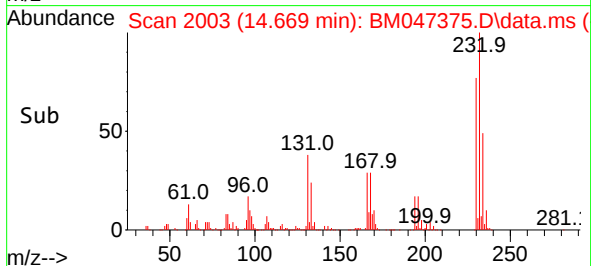


Tgt Ion:232 Resp: 648669
Ion Ratio Lower Upper
232 100
131 39.9 31.7 47.5
130 2.1 1.7 2.5
166 29.9 24.2 36.2

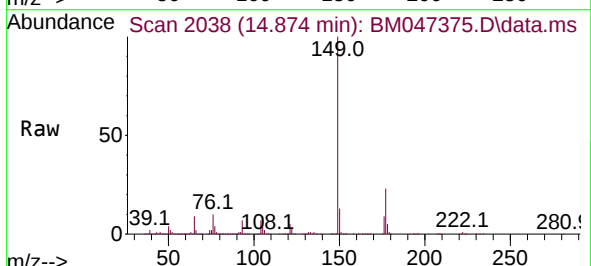
Manual Integrations

APPROVED

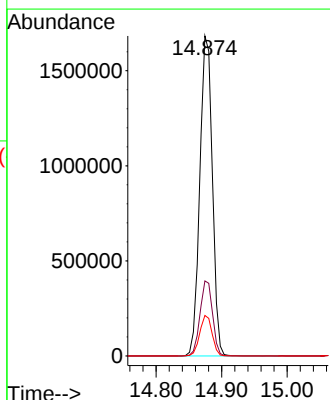
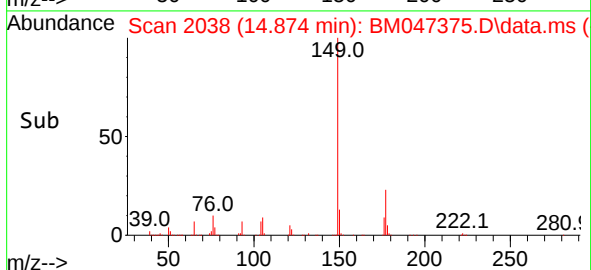
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

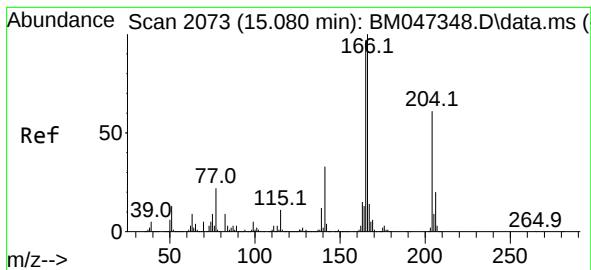


#60
Diethylphthalate
Concen: 47.443 ng
RT: 14.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



Tgt Ion:149 Resp: 2241976
Ion Ratio Lower Upper
149 100
177 23.4 18.6 28.0
150 12.6 10.2 15.4





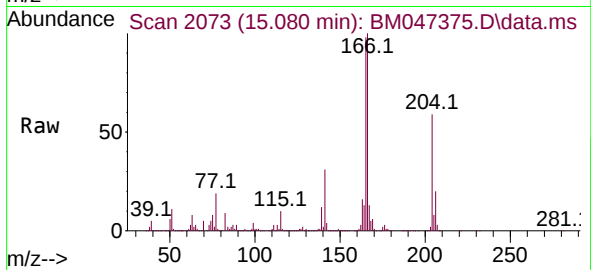
#61
4-Chlorophenyl-phenylether
Concen: 47.666 ng
RT: 15.080 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

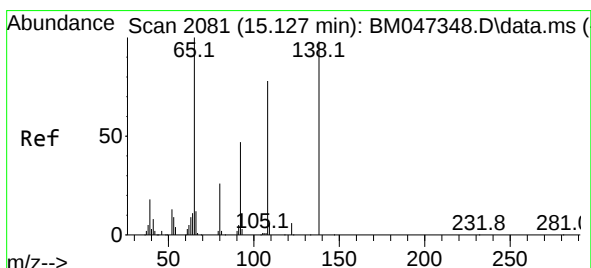
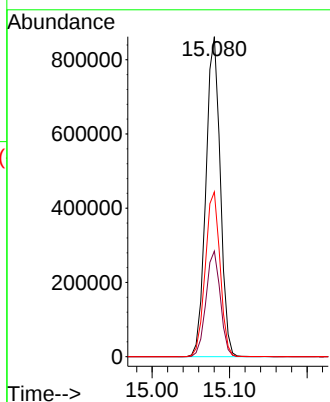
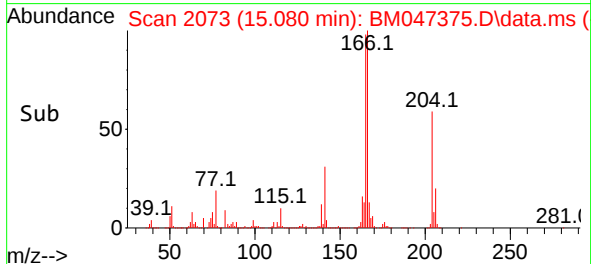


Tgt Ion:204 Resp: 110952
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 51.5 42.8 64.2

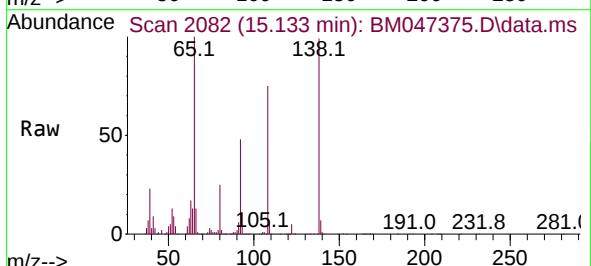
Manual Integrations

APPROVED

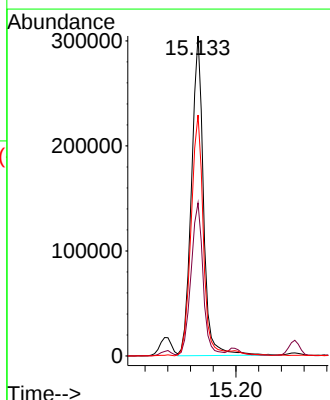
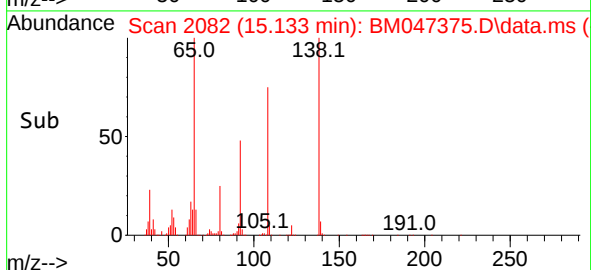
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

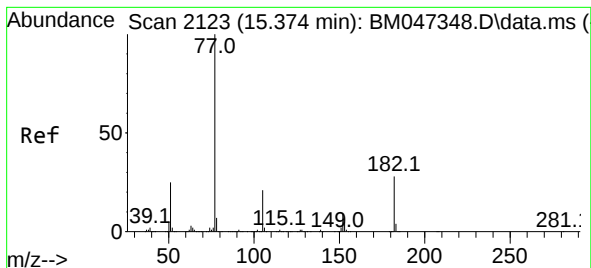


#62
4-Nitroaniline
Concen: 47.117 ng
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



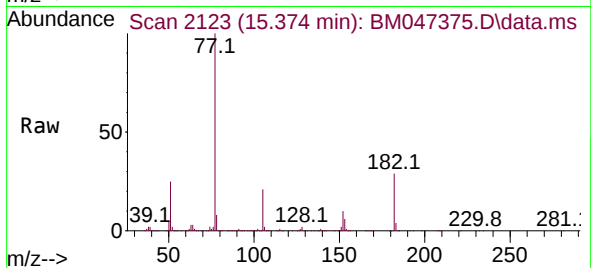
Tgt Ion:138 Resp: 448614
Ion Ratio Lower Upper
138 100
92 47.9 27.9 67.9
108 75.3 58.7 98.7





#63
Azobenzene
Concen: 47.350 ng
RT: 15.374 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

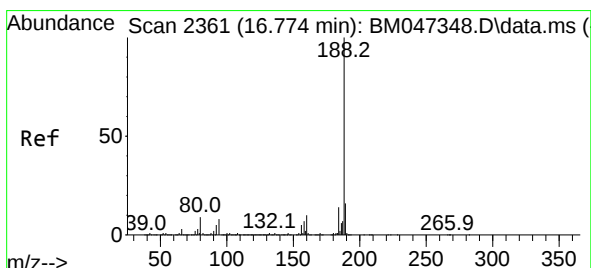
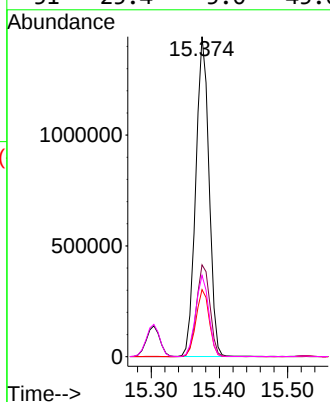
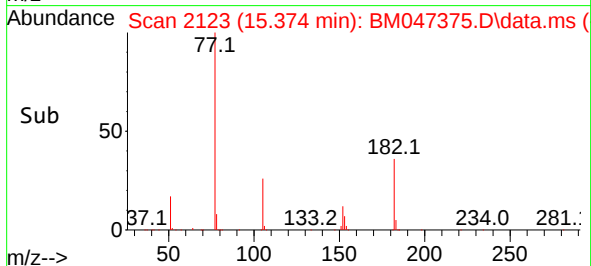
Instrument :
BNA_M
ClientSampleId :
PB163019BS



Tgt Ion: 77 Resp: 1948498
Ion Ratio Lower Upper
77 100
182 28.7 7.9 47.9
105 21.0 0.6 40.6
51 25.4 5.0 45.0

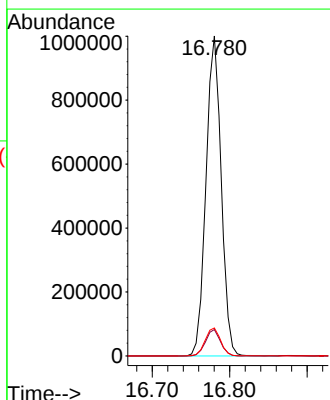
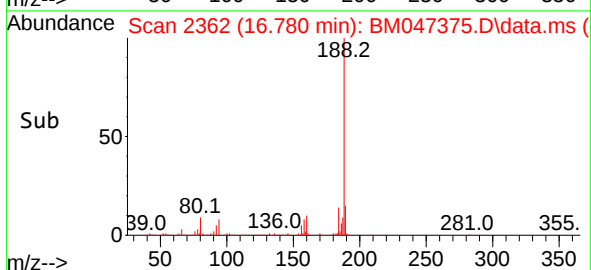
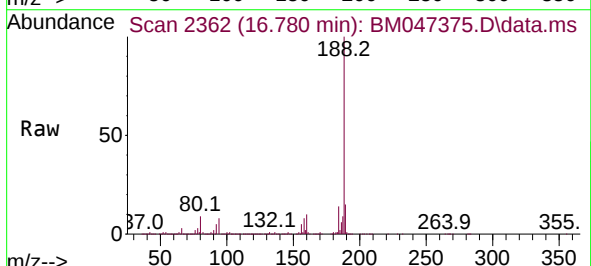
Manual Integrations
APPROVED

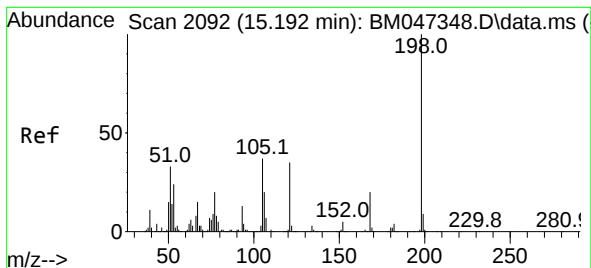
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

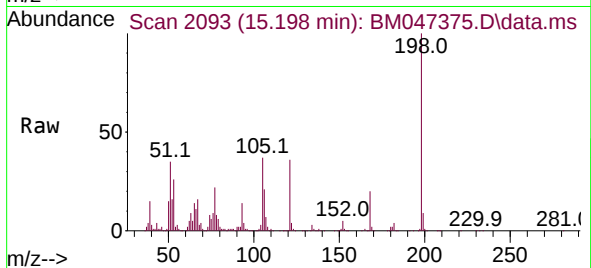
Tgt Ion:188 Resp: 1360725
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.7 7.4 11.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.901 ng
RT: 15.198 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

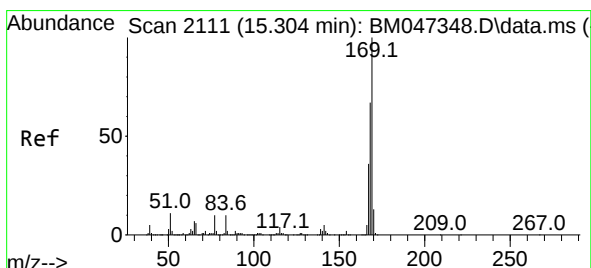
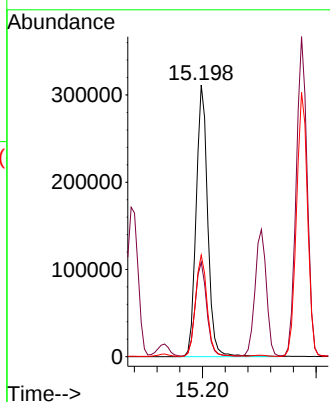
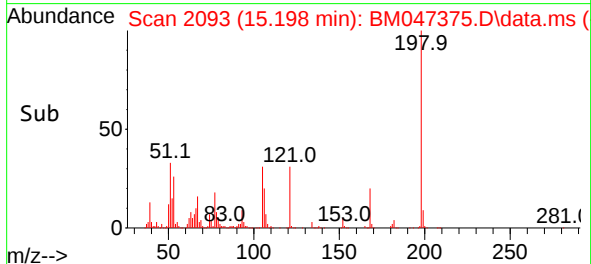
Instrument :
BNA_M
ClientSampleId :
PB163019BS



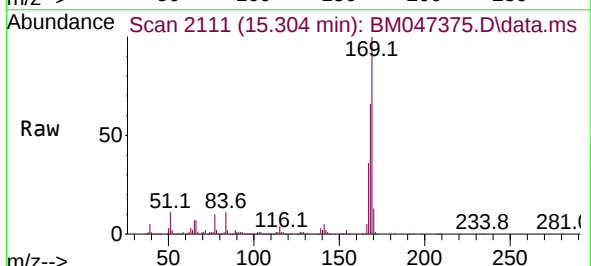
Tgt Ion:198 Resp: 441815
Ion Ratio Lower Upper
198 100
51 34.8 14.1 54.1
105 37.4 17.0 57.0

Manual Integrations
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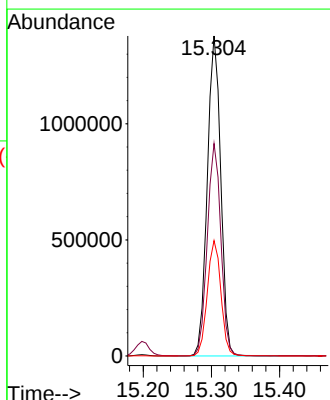
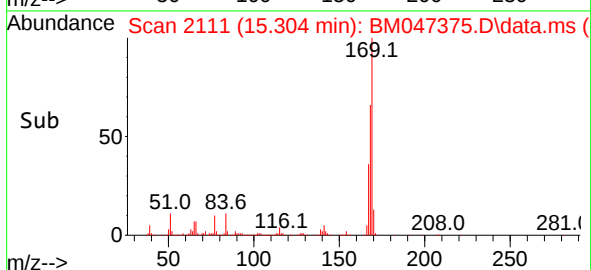
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

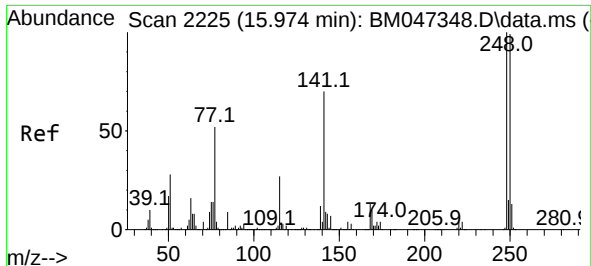


#66
n-Nitrosodiphenylamine
Concen: 50.774 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



Tgt Ion:169 Resp: 1890489
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.1 29.0 43.4





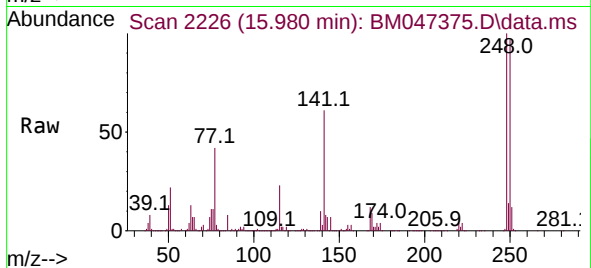
#67
4-Bromophenyl-phenylether
Concen: 49.907 ng
RT: 15.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

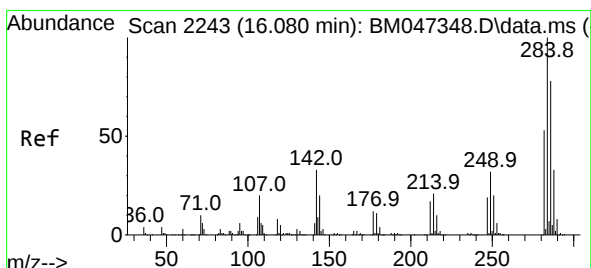
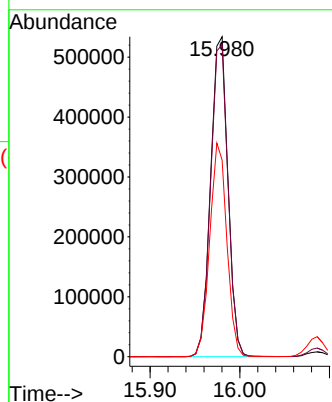
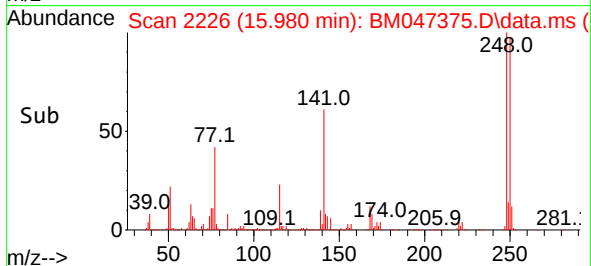


Tgt Ion:248 Resp: 71641
Ion Ratio Lower Upper
248 100
250 97.5 78.8 118.2
141 61.5 55.9 83.9

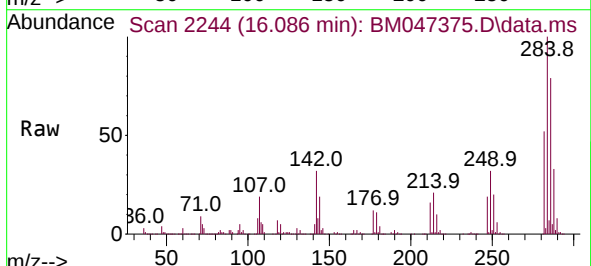
Manual Integrations

APPROVED

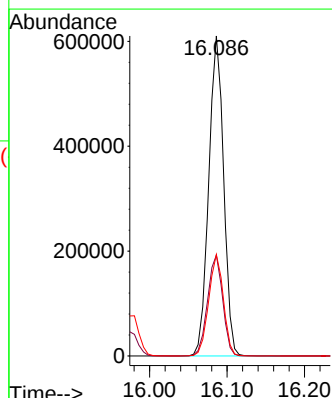
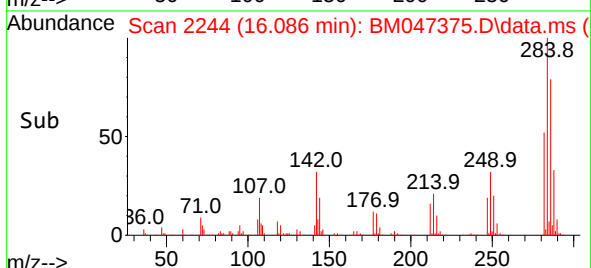
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

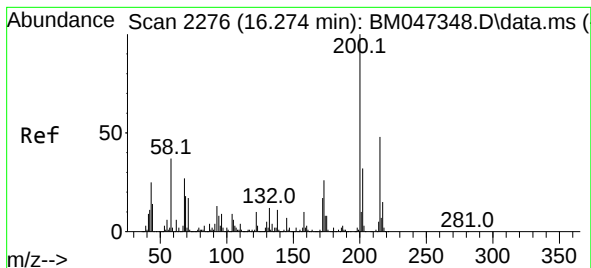


#68
Hexachlorobenzene
Concen: 49.158 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



Tgt Ion:284 Resp: 815038
Ion Ratio Lower Upper
284 100
142 31.5 26.5 39.7
249 31.7 25.5 38.3





#69

Atrazine

Concen: 58.422 ng

RT: 16.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

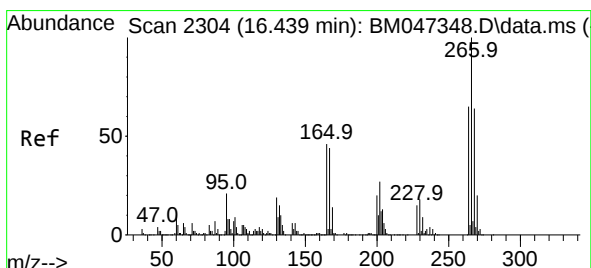
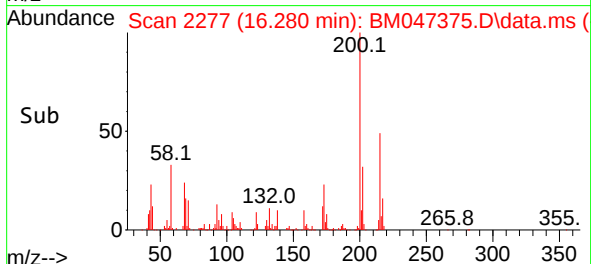
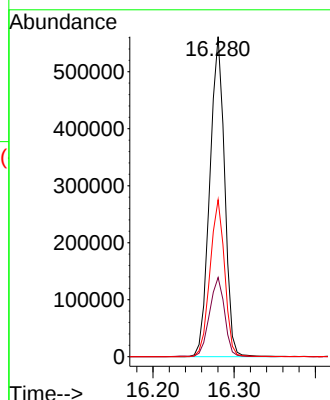
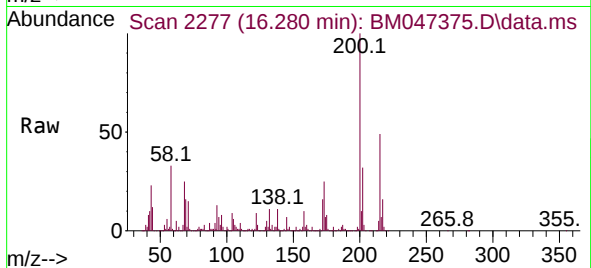
PB163019BS

Tgt Ion:	200	Resp:	71101
Ion Ratio	Lower	Upper	
200	100		
173	24.8	5.8	45.8
215	49.1	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#70

Pentachlorophenol

Concen: 96.224 ng

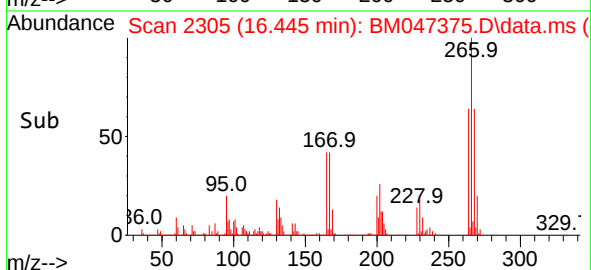
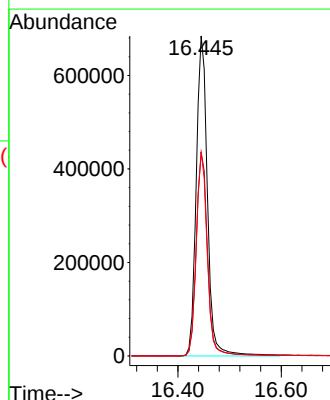
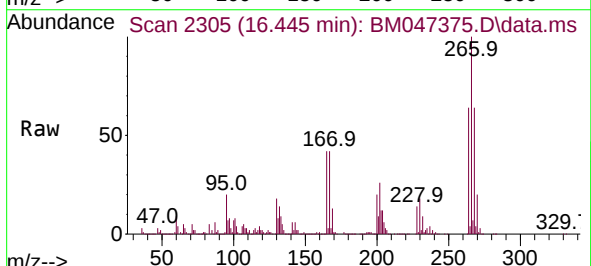
RT: 16.445 min Scan# 2305

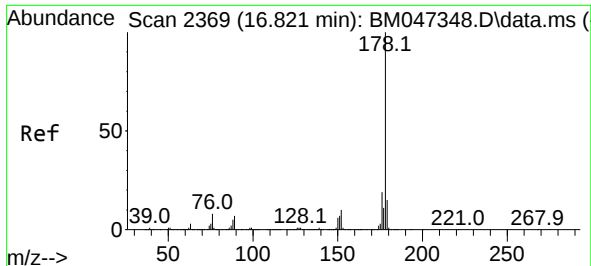
Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

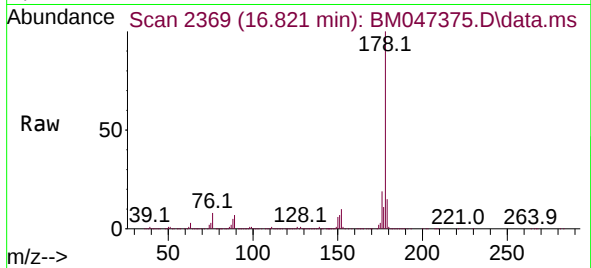
Tgt Ion:	266	Resp:	1031466
Ion Ratio	Lower	Upper	
266	100		
268	63.6	51.0	76.6
264	63.7	51.9	77.9





#71
Phenanthrene
Concen: 50.116 ng
RT: 16.821 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

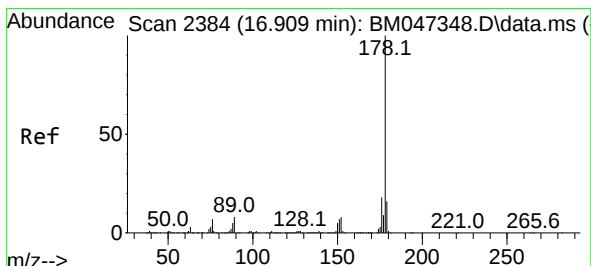
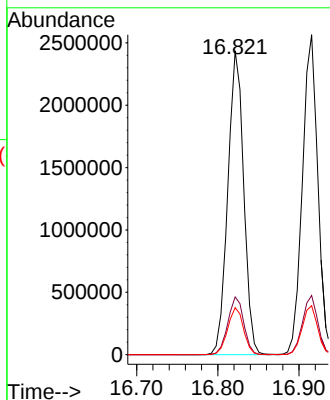
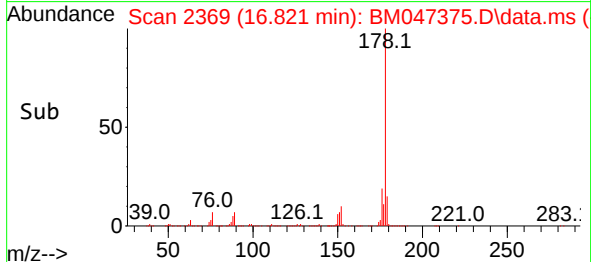
Instrument :
BNA_M
ClientSampleId :
PB163019BS



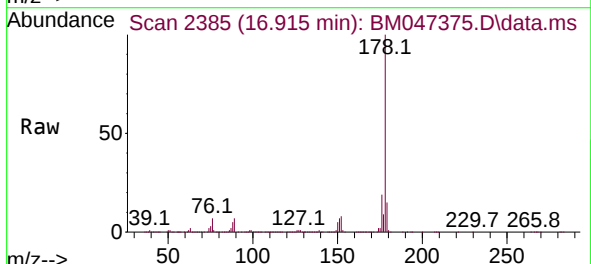
Tgt Ion:178 Resp: 3311810
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.5 12.2 18.4

Manual Integrations
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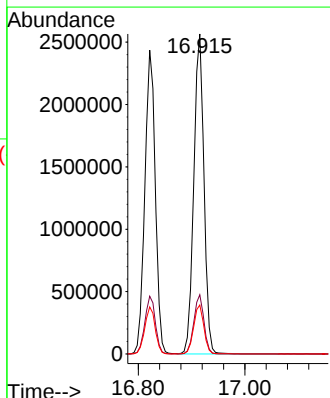
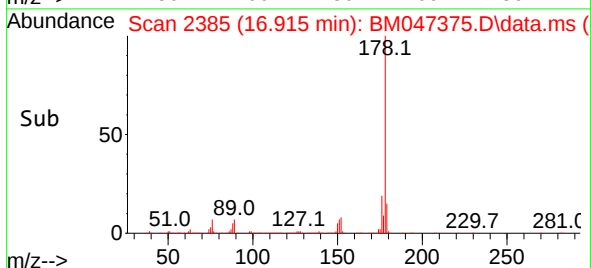
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

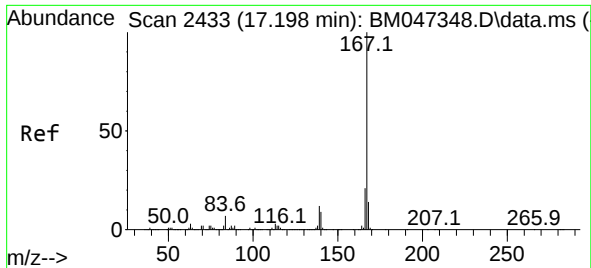


#72
Anthracene
Concen: 52.848 ng
RT: 16.915 min Scan# 2385
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



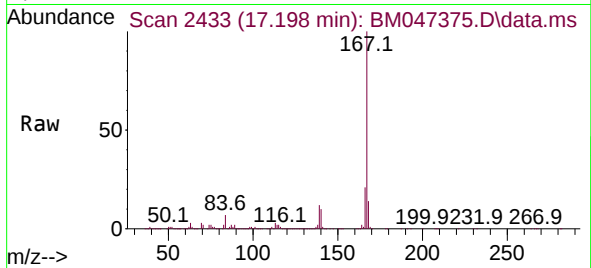
Tgt Ion:178 Resp: 3404486
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 48.506 ng
 RT: 17.198 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

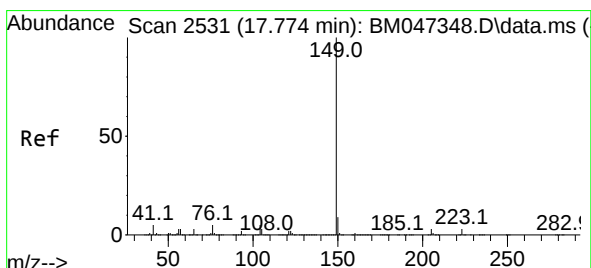
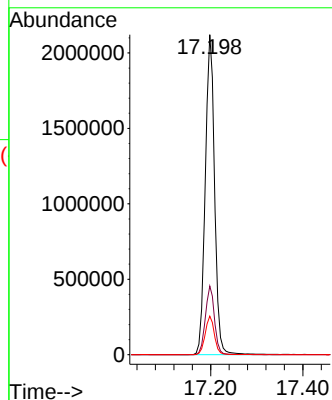
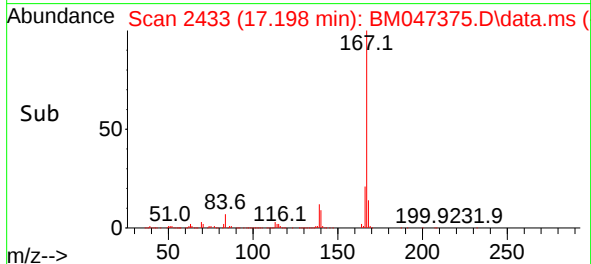
Instrument :
 BNA_M
 ClientSampleId :
 PB163019BS



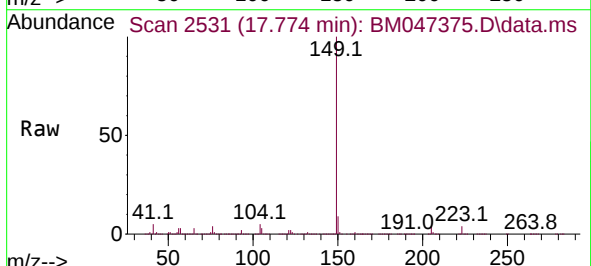
Tgt Ion:167 Resp: 2998552
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 12.1 9.5 14.3

Manual Integrations
 APPROVED

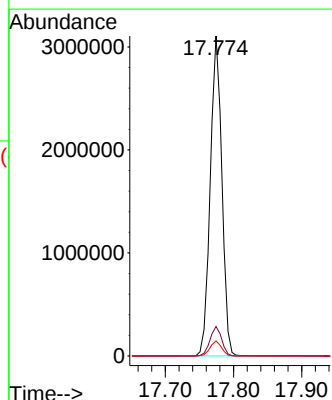
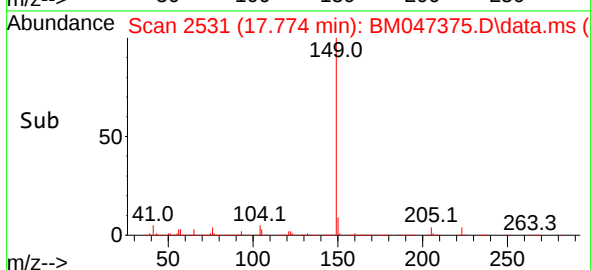
Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

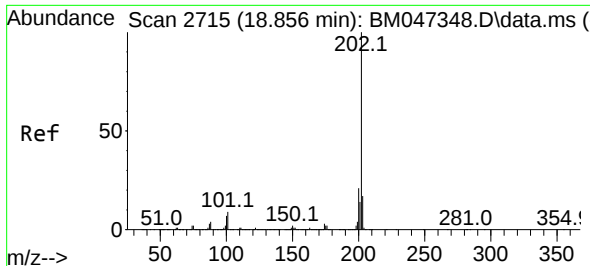


#74
 Di-n-butylphthalate
 Concen: 48.838 ng
 RT: 17.774 min Scan# 2531
 Delta R.T. 0.000 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57



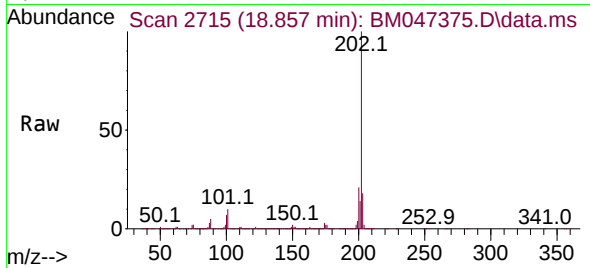
Tgt Ion:149 Resp: 3676270
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 47.034 ng
RT: 18.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

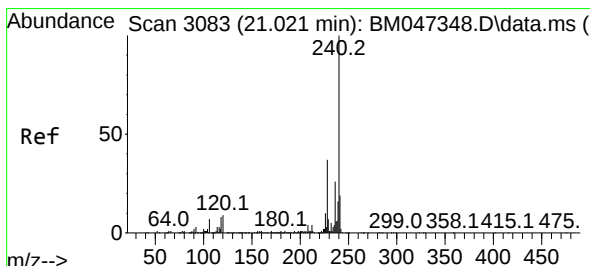
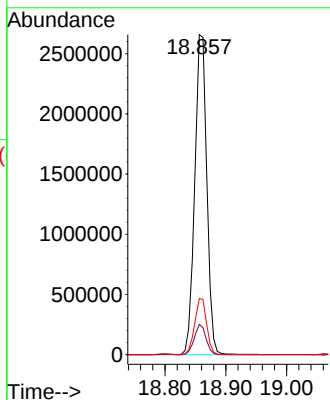
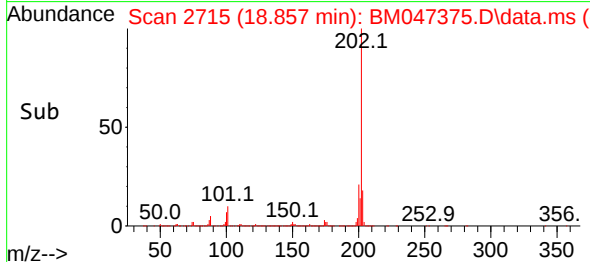
Instrument :
BNA_M
ClientSampleId :
PB163019BS



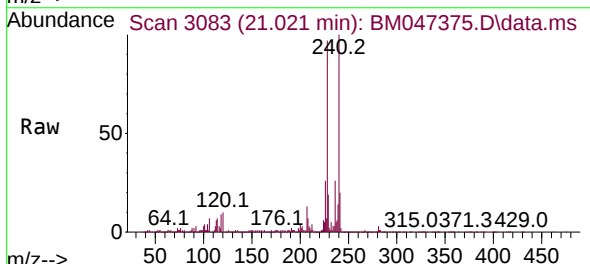
Tgt Ion:202 Resp: 364956
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.0
203 17.5 0.0 37.5

Manual Integrations
APPROVED

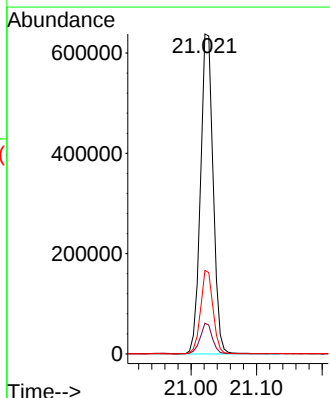
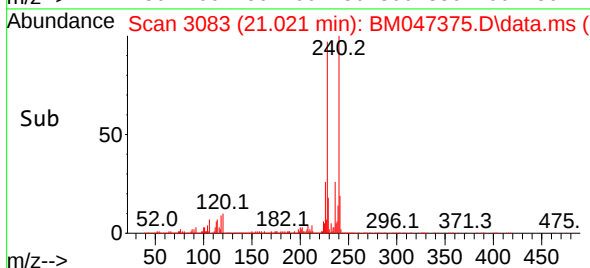
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

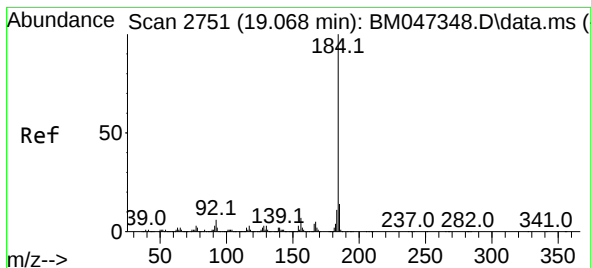


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



Tgt Ion:240 Resp: 856512
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.1 20.8 31.2





#77

Benzidine

Concen: 104.009 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047375.D

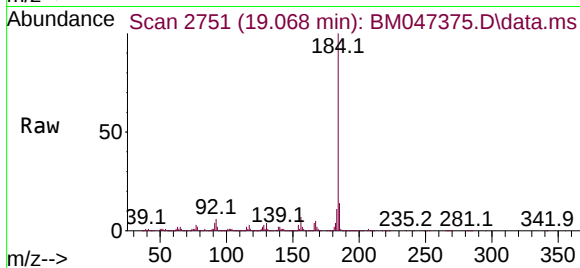
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS



Tgt Ion:184 Resp: 148703

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

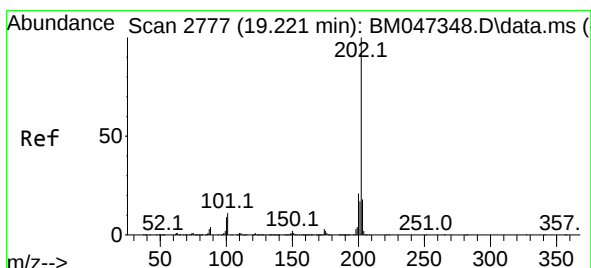
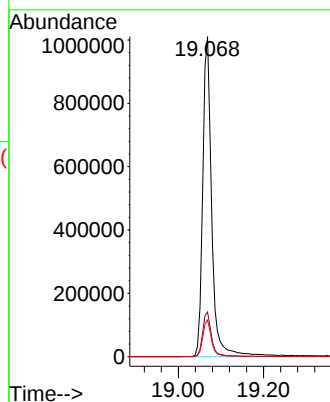
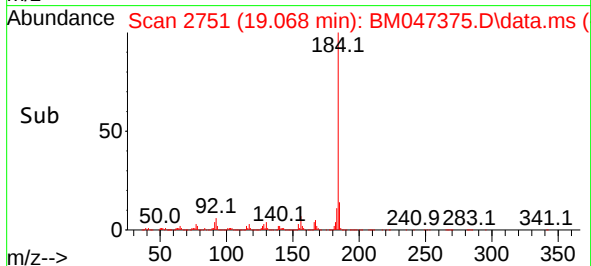
183 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024

Supervised By :mohammad ahmed 08/30/2024



#78

Pyrene

Concen: 57.439 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

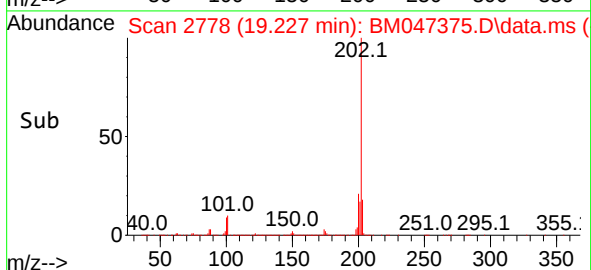
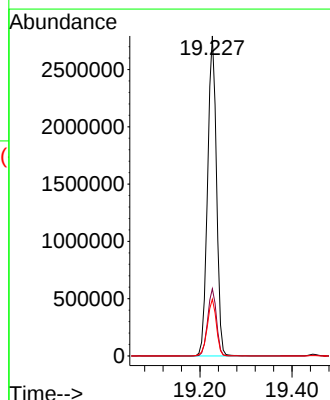
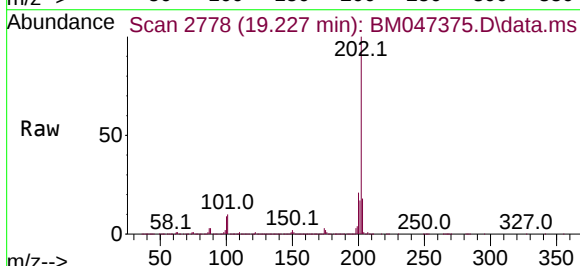
Tgt Ion:202 Resp: 3773272

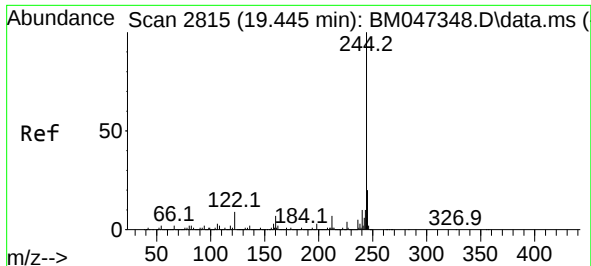
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.7 14.2 21.4





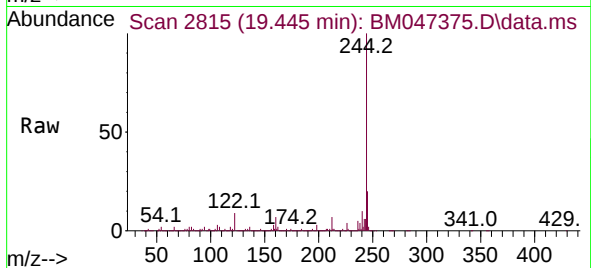
#79
 Terphenyl-d14
 Concen: 113.339 ng
 RT: 19.445 min Scan# 2815
 Delta R.T. 0.000 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

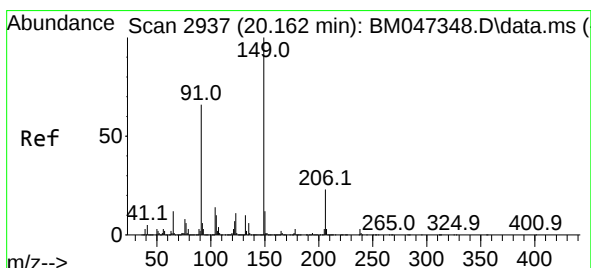
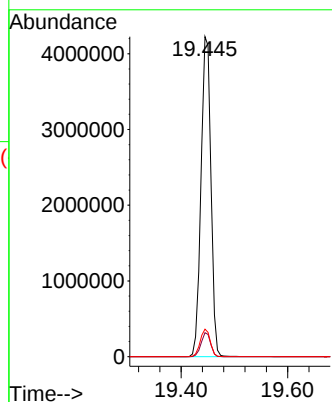
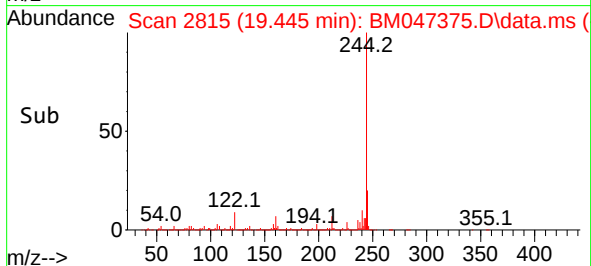


Tgt Ion:244 Resp: 545387
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.6 7.0 10.4

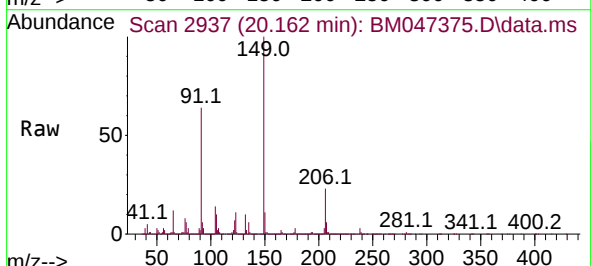
Manual Integrations

APPROVED

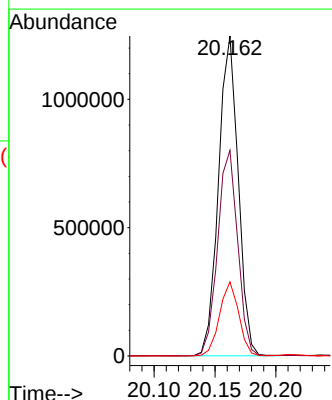
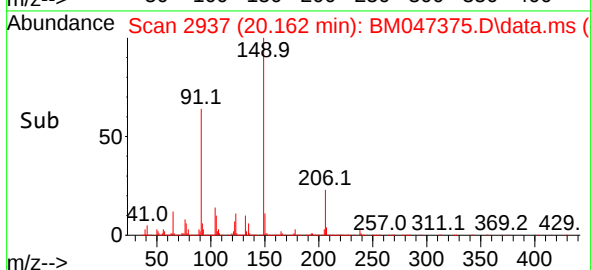
Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

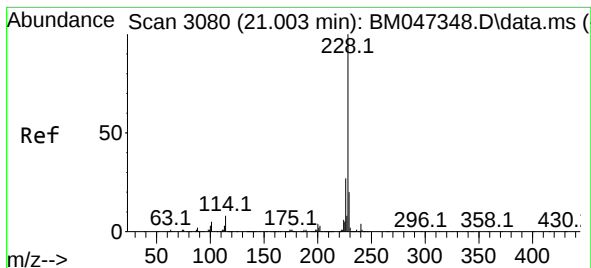


#80
 Butylbenzylphthalate
 Concen: 54.642 ng
 RT: 20.162 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57



Tgt Ion:149 Resp: 1404679
 Ion Ratio Lower Upper
 149 100
 91 64.2 52.6 79.0
 206 23.1 18.2 27.2





#81

Benzo(a)anthracene

Concen: 51.106 ng

RT: 21.009 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

Tgt Ion:228 Resp: 285457

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

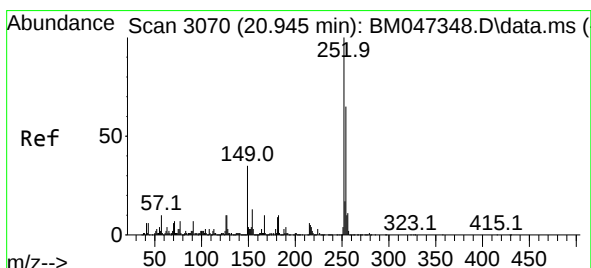
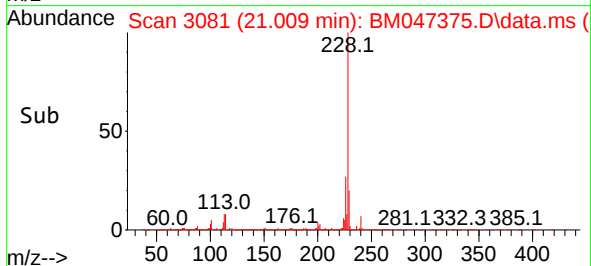
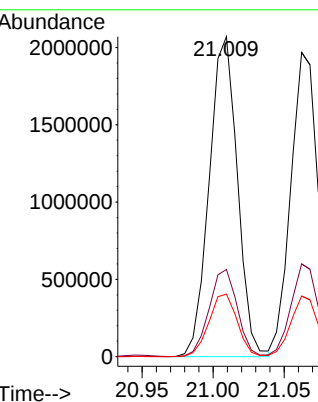
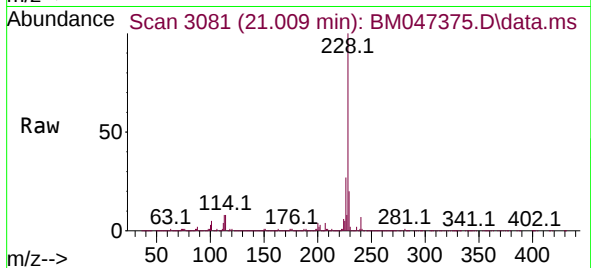
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024

Supervised By :mohammad ahmed 08/30/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.008 ng

RT: 20.951 min Scan# 3071

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

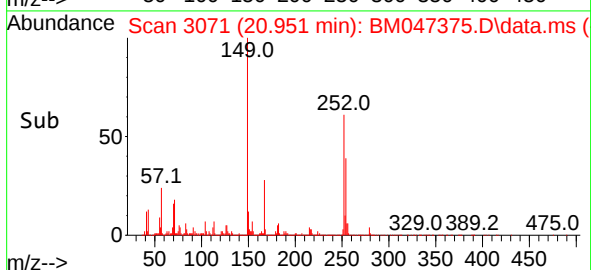
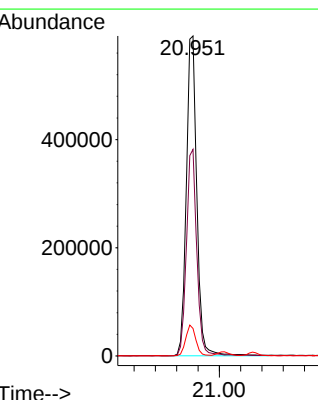
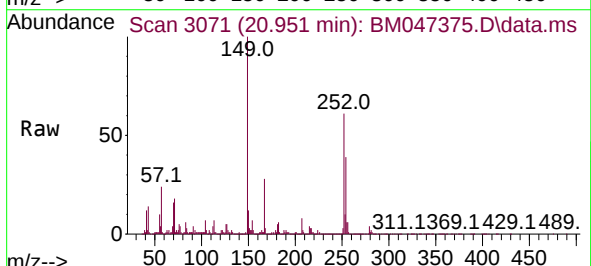
Tgt Ion:252 Resp: 808097

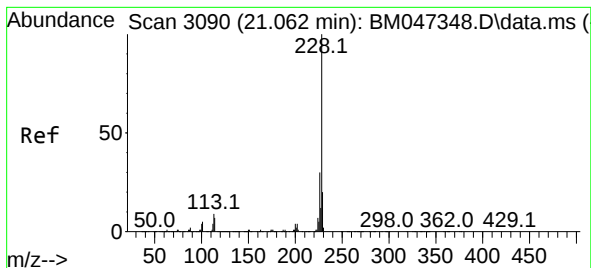
Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

126 8.6 7.9 11.9





#83

Chrysene

Concen: 50.026 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

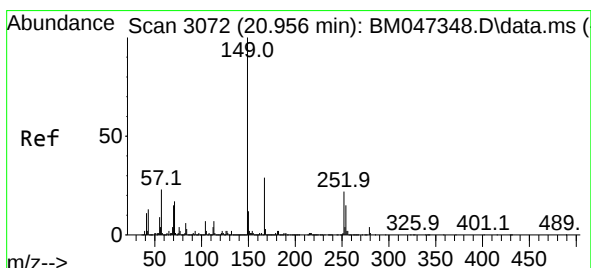
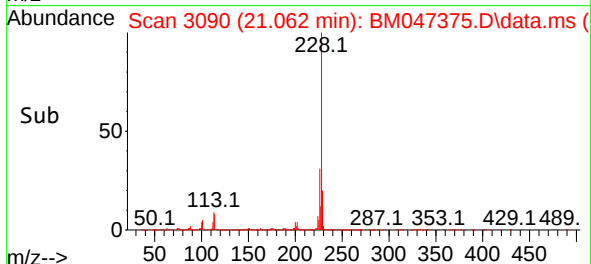
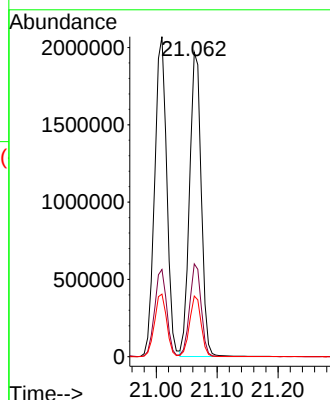
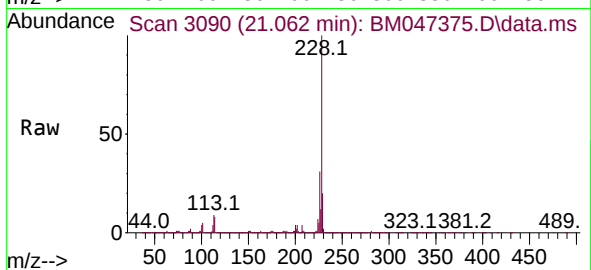
Tgt Ion:228 Resp: 262844

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	19.9	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.511 ng

RT: 20.956 min Scan# 3072

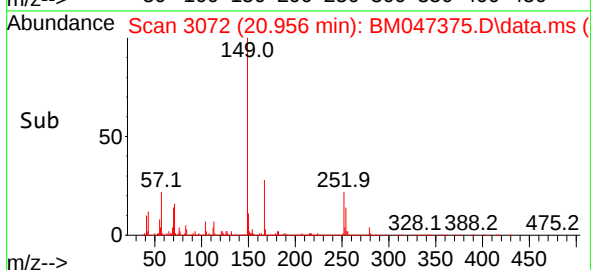
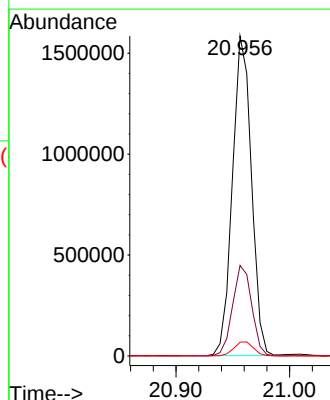
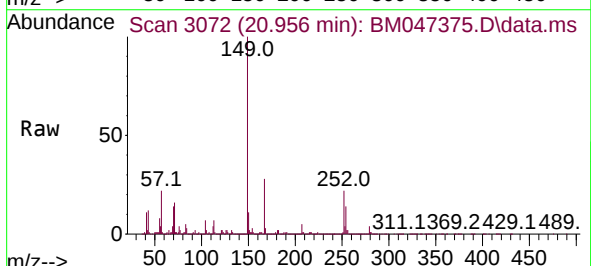
Delta R.T. 0.000 min

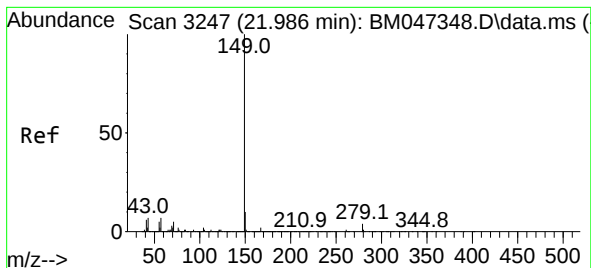
Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Tgt Ion:149 Resp: 1835201

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.1	34.7
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 46.967 ng

RT: 21.986 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

Tgt Ion:149 Resp: 287216

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

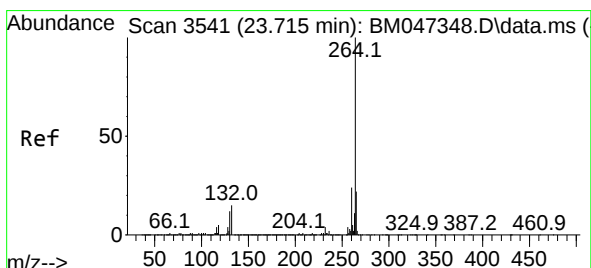
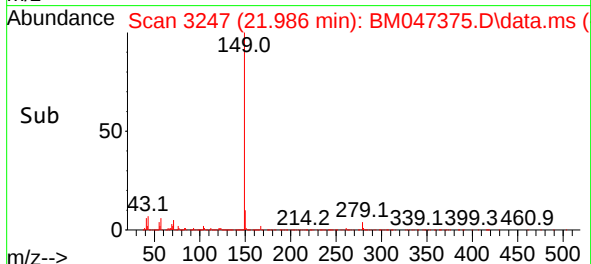
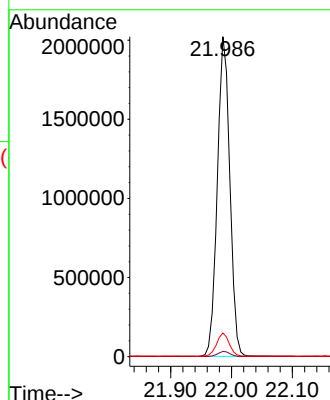
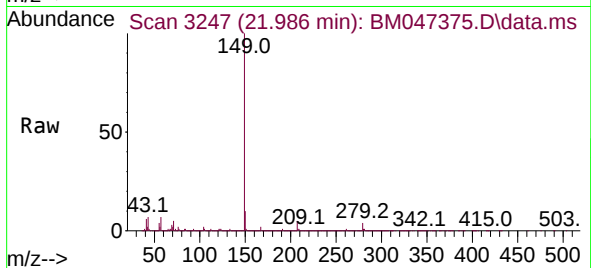
43 7.3 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024

Supervised By :mohammad ahmed 08/30/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

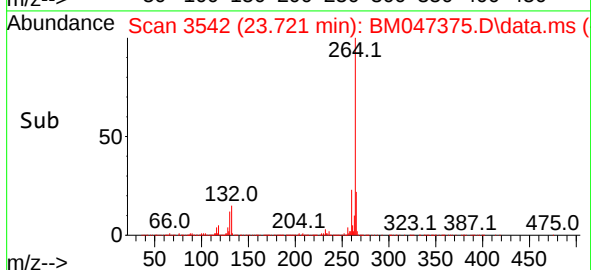
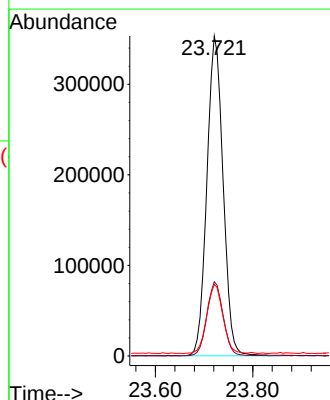
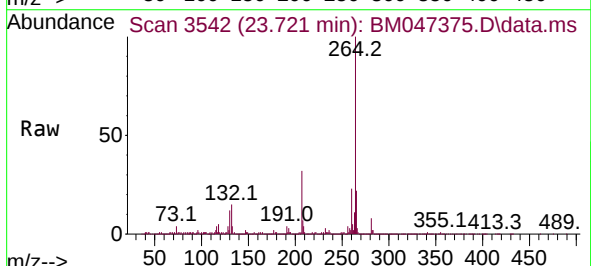
Tgt Ion:264 Resp: 812940

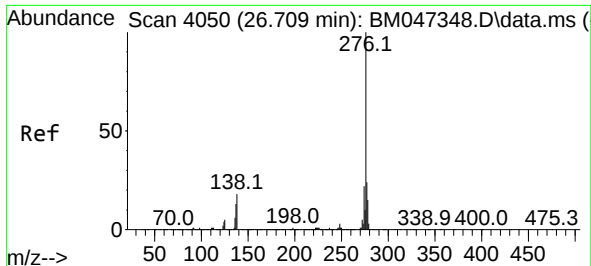
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

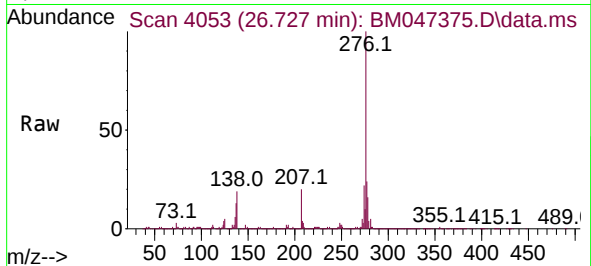
265 22.4 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.836 ng
 RT: 26.727 min Scan# 4053
 Delta R.T. 0.018 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

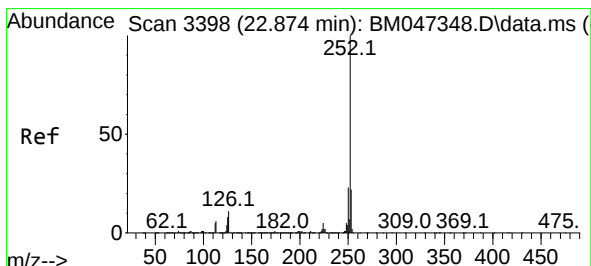
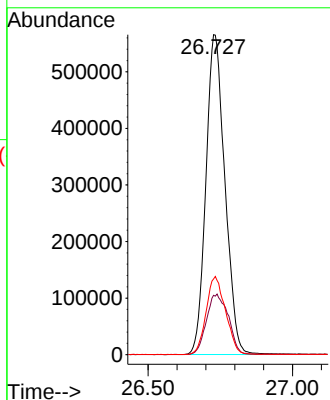
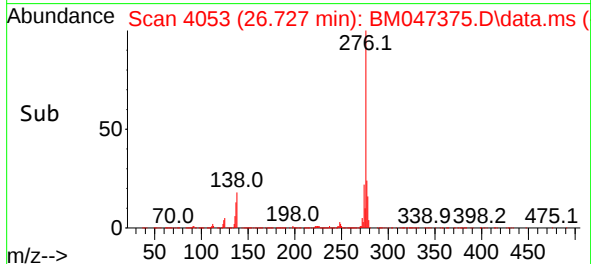
Instrument :
 BNA_M
 ClientSampleId :
 PB163019BS



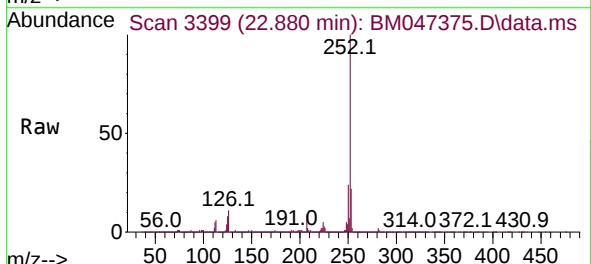
Tgt Ion:276 Resp: 2587024
 Ion Ratio Lower Upper
 276 100
 138 21.7 17.7 26.5
 277 24.9 20.0 30.0

Manual Integrations
 APPROVED

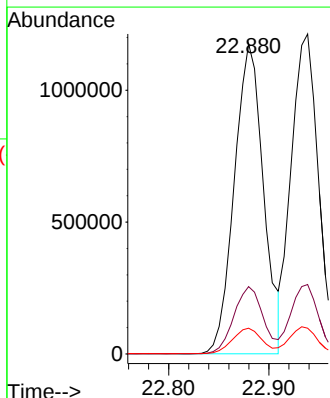
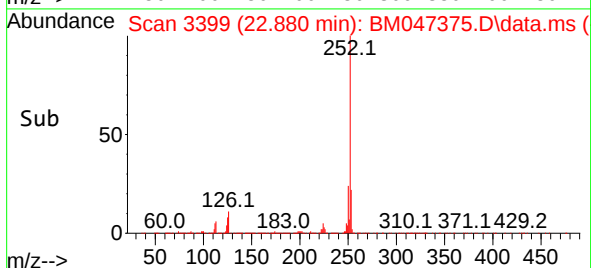
Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

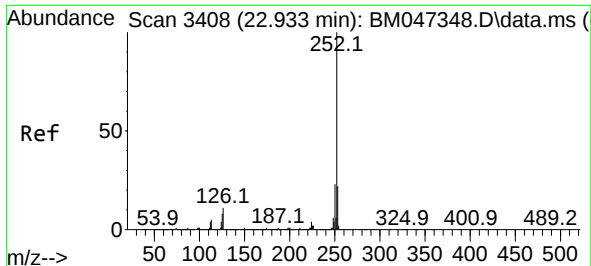


#88
 Benzo(b)fluoranthene
 Concen: 50.155 ng
 RT: 22.880 min Scan# 3399
 Delta R.T. 0.006 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57



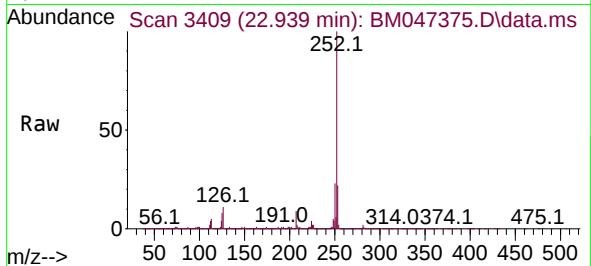
Tgt Ion:252 Resp: 2378783
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.6
 125 8.3 6.6 10.0





#89
Benzo(k)fluoranthene
Concen: 50.550 ng
RT: 22.939 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

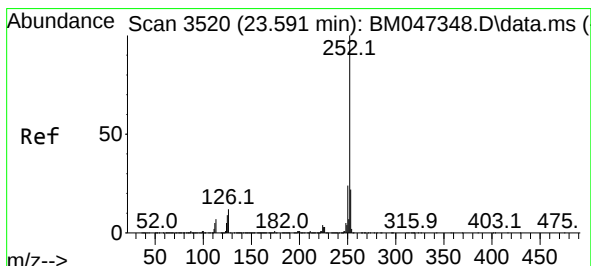
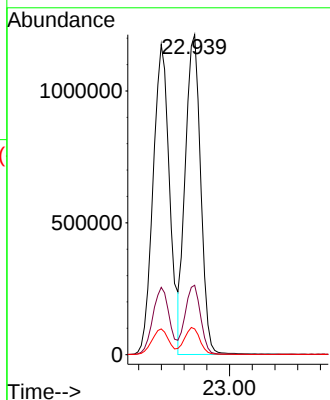
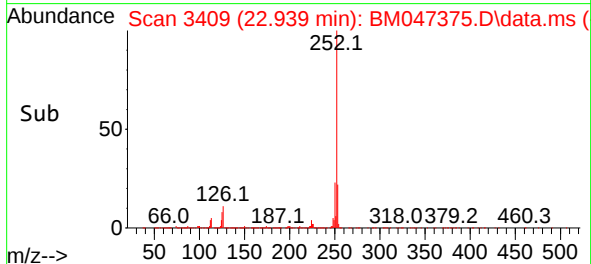
Instrument :
BNA_M
ClientSampleId :
PB163019BS



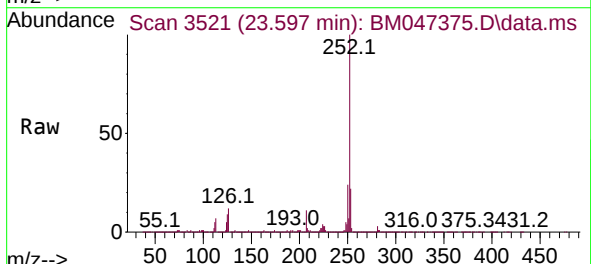
Tgt Ion:252 Resp: 2272764
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.1 6.6 9.8

Manual Integrations
APPROVED

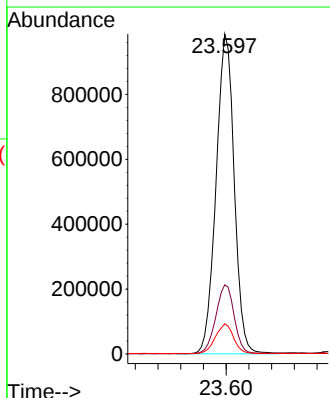
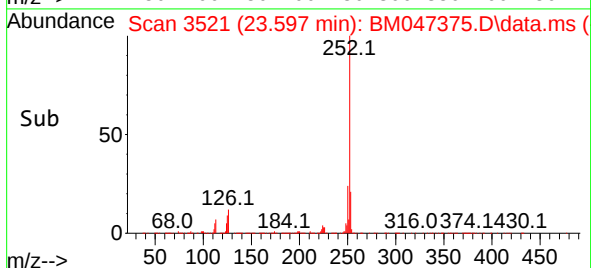
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

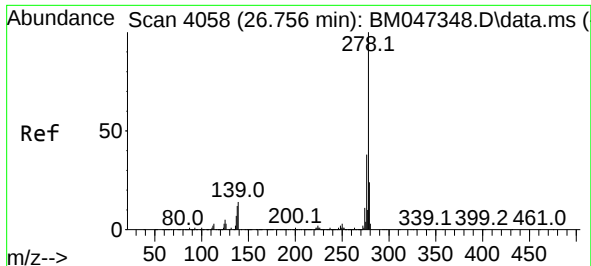


#90
Benzo(a)pyrene
Concen: 53.329 ng
RT: 23.597 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57



Tgt Ion:252 Resp: 2187323
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.4 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 50.384 ng
RT: 26.774 min Scan# 4058
Delta R.T. 0.018 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

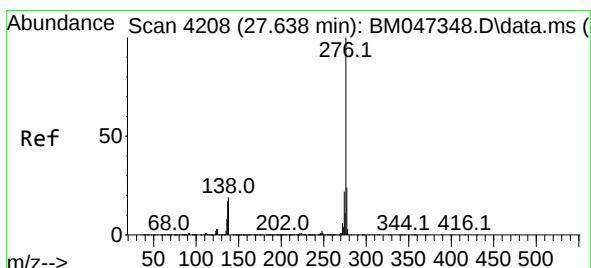
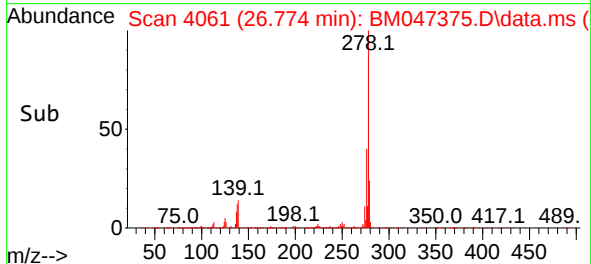
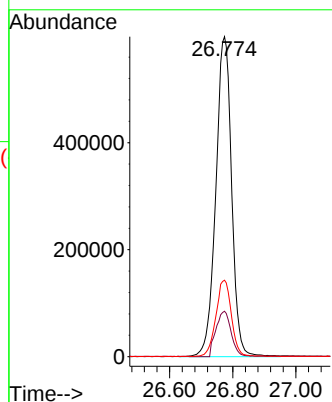
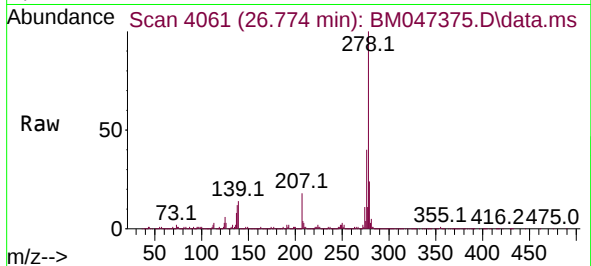
ClientSampleId :

PB163019BS

Tgt Ion:278 Resp: 207717
Ion Ratio Lower Upper
278 100
139 14.2 11.1 16.7
279 23.9 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#92
Benzo(g,h,i)perylene
Concen: 47.068 ng
RT: 27.662 min Scan# 4212
Delta R.T. 0.024 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:276 Resp: 2017332
Ion Ratio Lower Upper
276 100
277 23.3 19.4 29.0
138 19.1 15.0 22.6

