

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
 Data File : BM047596.D
 Acq On : 20 Sep 2024 19:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
 Supervised By :mohammad ahmed 09/24/2024

Quant Time: Sep 21 03:27:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	467960	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	2382914	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1318047	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	2475002	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2335088	20.000	ng	0.00
86) Perylene-d12	24.462	264	2240081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2460560	80.577	ng	0.00
7) Phenol-d6	7.010	99	4013493	99.748	ng	0.00
23) Nitrobenzene-d5	9.004	82	3887486	81.212	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1048554	85.914	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	7990924	85.785	ng	0.00
79) Terphenyl-d14	19.827	244	10664476	81.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	370902	27.896	ng	100
3) Pyridine	3.716	79	1132929	30.738	ng	98
4) n-Nitrosodimethylamine	3.622	42	603511	39.490	ng	99
6) Aniline	7.175	93	1494689	43.362	ng	99
8) 2-Chlorophenol	7.410	128	1486508	46.499	ng	99
9) Benzaldehyde	6.981	77	813814	39.636	ng	99
10) Phenol	7.034	94	1954271	48.916	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	1549591	48.257	ng	97
12) 1,3-Dichlorobenzene	7.734	146	1386243	39.211	ng	100
13) 1,4-Dichlorobenzene	7.881	146	1450978	40.562	ng	99
14) 1,2-Dichlorobenzene	8.198	146	1484855	43.063	ng	98
15) Benzyl Alcohol	8.081	79	1322611	50.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.375	45	2008209m	49.064	ng	
17) 2-Methylphenol	8.281	107	1262340	50.273	ng	99
18) Hexachloroethane	8.928	117	604463	41.668	ng	99
19) n-Nitroso-di-n-propyla...	8.657	70	1342036	54.452	ng	98
20) 3+4-Methylphenols	8.616	107	1759937	51.458	ng	98
22) Acetophenone	8.663	105	2507224	40.385	ng	# 98
24) Nitrobenzene	9.039	77	1933274	39.102	ng	100
25) Isophorone	9.575	82	3266112	40.828	ng	98
26) 2-Nitrophenol	9.751	139	735511	42.310	ng	97
27) 2,4-Dimethylphenol	9.816	122	997696	40.264	ng	99
28) bis(2-Chloroethoxy)met...	10.051	93	2107885	40.958	ng	100
29) 2,4-Dichlorophenol	10.286	162	1296626	41.394	ng	99
30) 1,2,4-Trichlorobenzene	10.504	180	1400947	39.239	ng	100
31) Naphthalene	10.692	128	5067765	40.198	ng	100
32) Benzoic acid	9.975	122	1053883	45.626	ng	98
33) 4-Chloroaniline	10.798	127	1737746	39.097	ng	98
34) Hexachlorobutadiene	10.986	225	764459	39.346	ng	99
35) Caprolactam	11.586	113	437003	40.361	ng	94
36) 4-Chloro-3-methylphenol	11.921	107	1484933	41.549	ng	99
37) 2-Methylnaphthalene	12.298	142	3354511	42.352	ng	99
38) 1-Methylnaphthalene	12.521	142	3317610	42.222	ng	99
40) 1,2,4,5-Tetrachloroben...	12.668	216	1408779	40.503	ng	100
41) Hexachlorocyclopentadiene	12.657	237	427025	37.186	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	914130	40.438	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	1028619	40.482	ng	99
46) 1,1'-Biphenyl	13.310	154	4137224	40.645	ng	99
47) 2-Chloronaphthalene	13.351	162	3204486	40.234	ng	99
48) 2-Nitroaniline	13.551	65	1006589	42.315	ng	95
49) Acenaphthylene	14.198	152	4634319	40.433	ng	100
50) Dimethylphthalate	13.933	163	3565429	39.178	ng	100
51) 2,6-Dinitrotoluene	14.045	165	787941	41.325	ng	97
52) Acenaphthene	14.539	154	3151223m	41.617	ng	
53) 3-Nitroaniline	14.374	138	897868	41.058	ng	98
54) 2,4-Dinitrophenol	14.574	184	373697	43.234	ng	96
55) Dibenzofuran	14.874	168	4465817	40.359	ng	99
56) 4-Nitrophenol	14.674	139	773799	41.294	ng	96
57) 2,4-Dinitrotoluene	14.827	165	1066855	41.991	ng	96
58) Fluorene	15.521	166	4242375	43.320	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	764159	39.343	ng	99
60) Diethylphthalate	15.298	149	3952618	40.740	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	1864361	43.569	ng	97
62) 4-Nitroaniline	15.533	138	1078358	43.765	ng	99
63) Azobenzene	15.804	77	4435669	41.819	ng	100
65) 4,6-Dinitro-2-methylph...	15.592	198	497970	42.461	ng	97
66) n-Nitrosodiphenylamine	15.727	169	3011787	40.743	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	940623	41.837	ng	98
68) Hexachlorobenzene	16.521	284	1058710	40.280	ng	97
69) Atrazine	16.674	200	369099	20.741	ng	97
70) Pentachlorophenol	16.862	266	682162	41.351	ng	99
71) Phenanthrene	17.251	178	5519788	41.086	ng	99
72) Anthracene	17.345	178	5315744	41.762	ng	99
73) Carbazole	17.609	167	5421589	40.876	ng	100
74) Di-n-butylphthalate	18.180	149	7018412	43.749	ng	100
75) Fluoranthene	19.262	202	6319945	42.735	ng	99
77) Benzidine	19.439	184	768386	24.163	ng	98
78) Pyrene	19.621	202	6663758	40.773	ng	99
80) Butylbenzylphthalate	20.515	149	3088061	43.402	ng	96
81) Benzo(a)anthracene	21.421	228	6271770	40.848	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1964932	41.209	ng	99
83) Chrysene	21.480	228	5844841	40.029	ng	100
84) Bis(2-ethylhexyl)phtha...	21.344	149	5152363	45.274	ng	98
85) Di-n-octyl phthalate	22.491	149	7756804	44.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.891	276	6230180	40.446	ng	99
88) Benzo(b)fluoranthene	23.509	252	5847000	41.530	ng	100
89) Benzo(k)fluoranthene	23.574	252	5826672	42.159	ng	99
90) Benzo(a)pyrene	24.327	252	4898850	41.040	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	5267557	40.940	ng	99
92) Benzo(g,h,i)perylene	28.967	276	5107044	39.605	ng	98

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

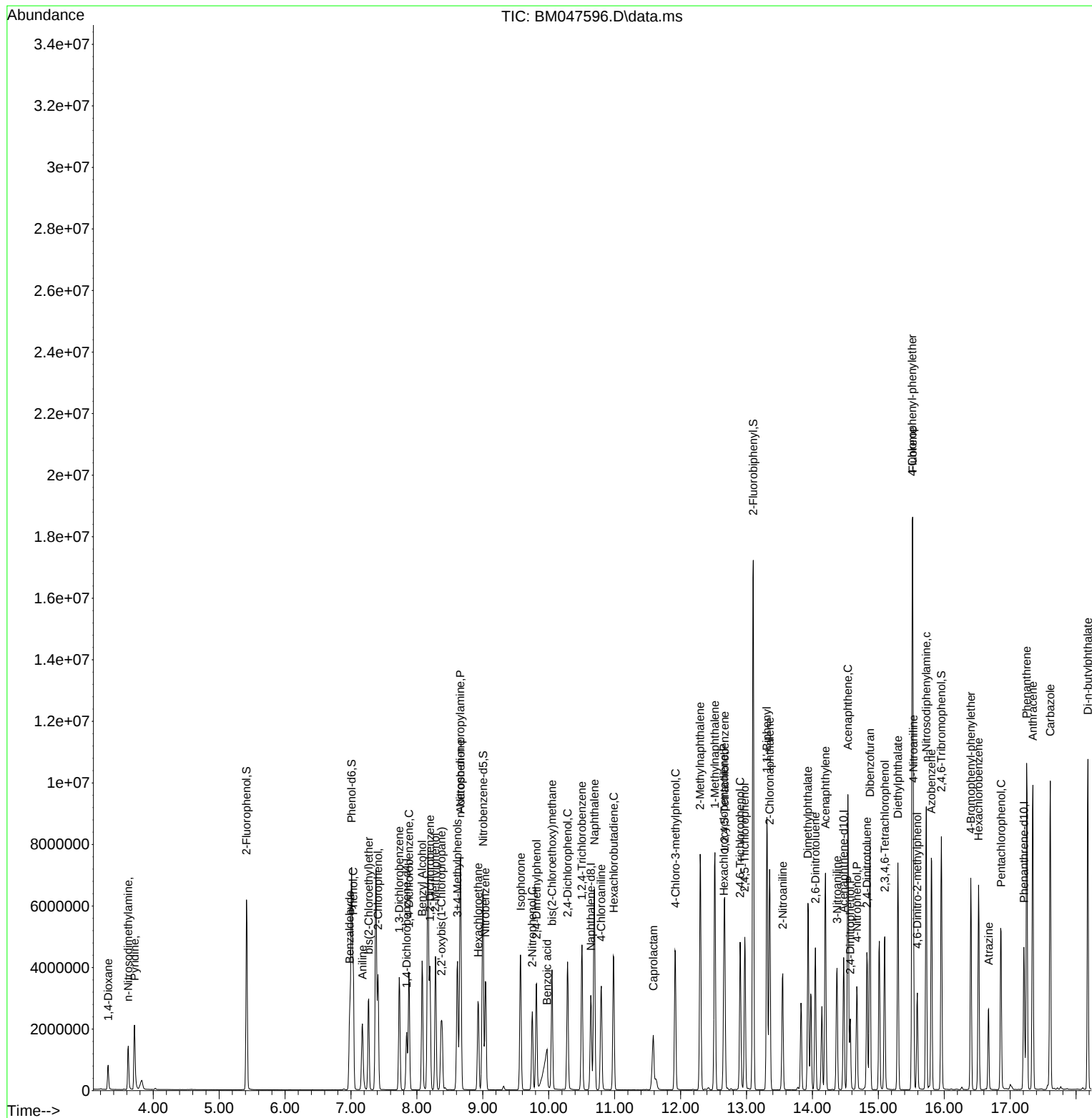
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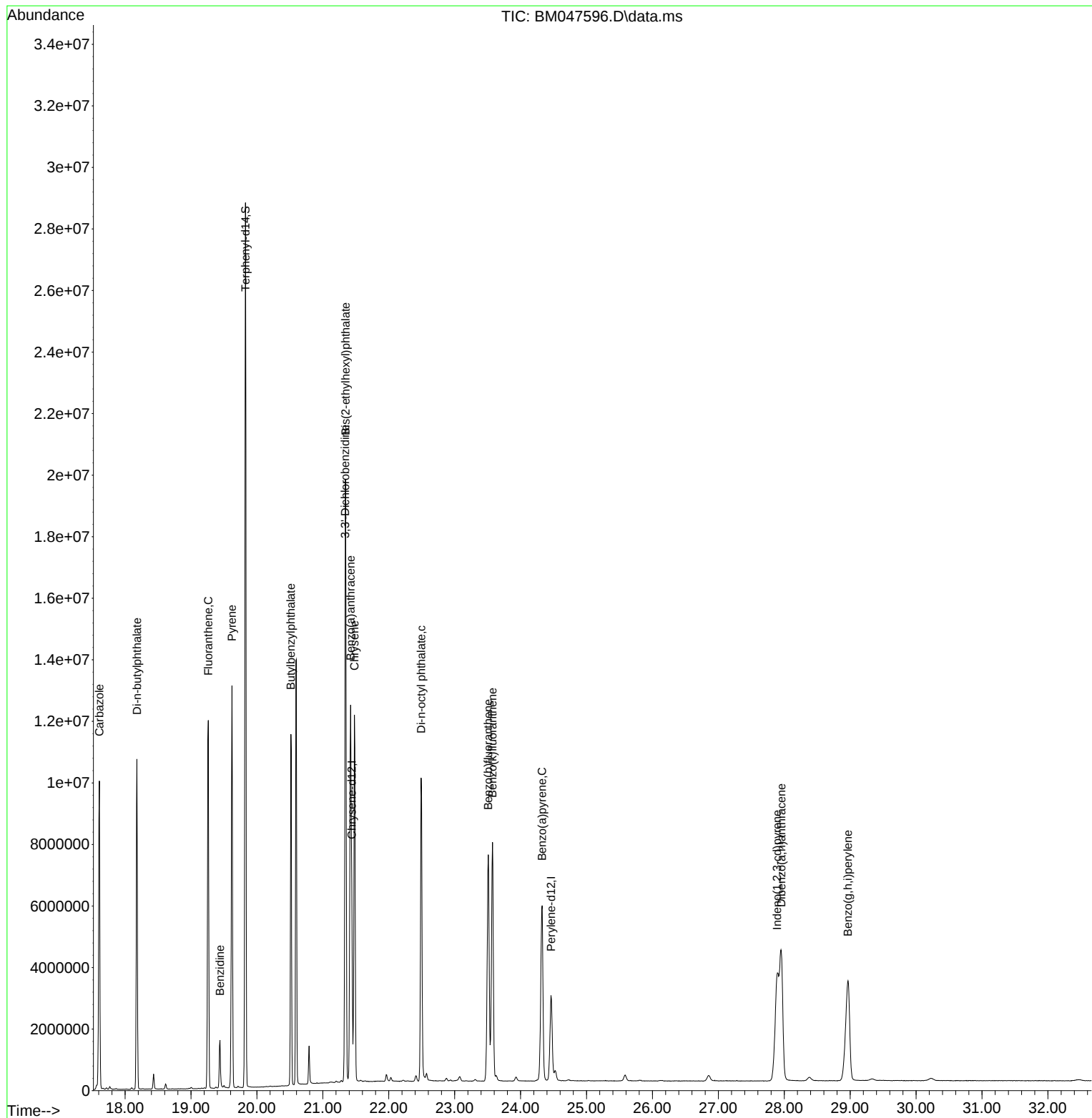
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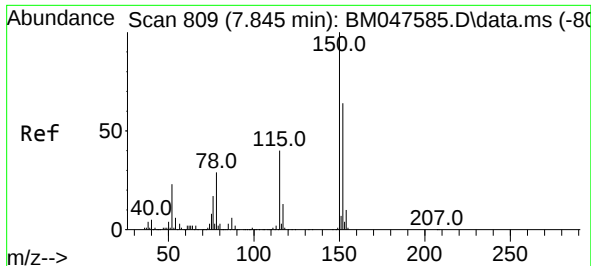
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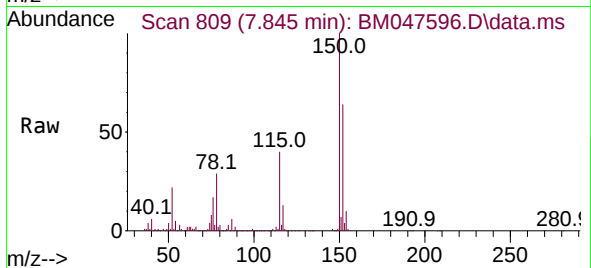
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

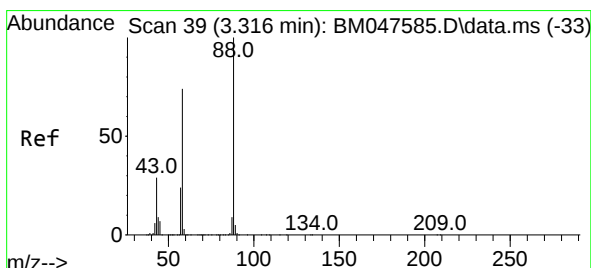
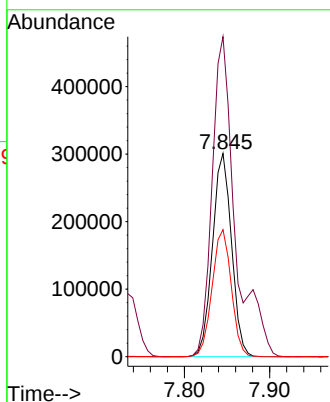
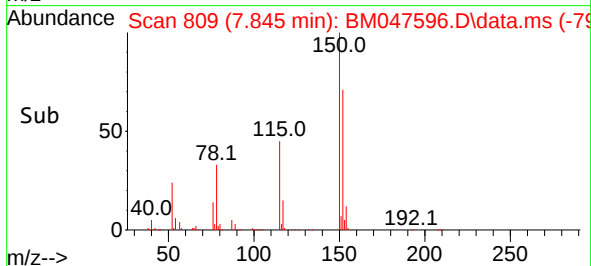
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Tgt Ion:152 Resp: 467960
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 62.5 49.9 74.9

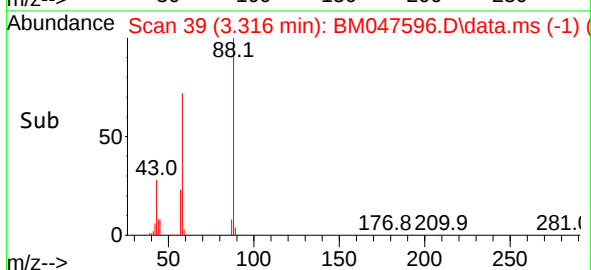
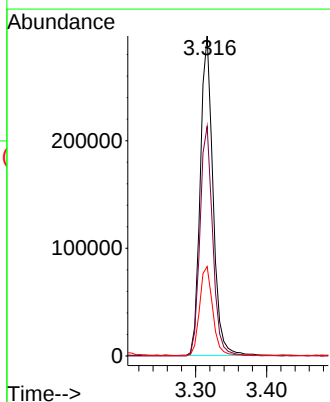
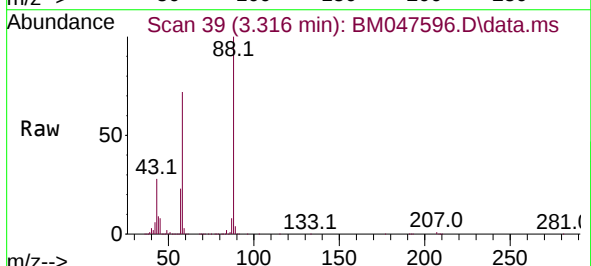
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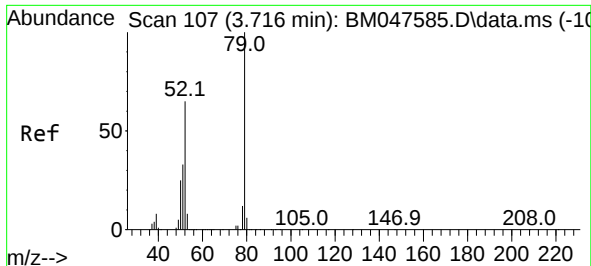
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#2
1,4-Dioxane
Concen: 27.896 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

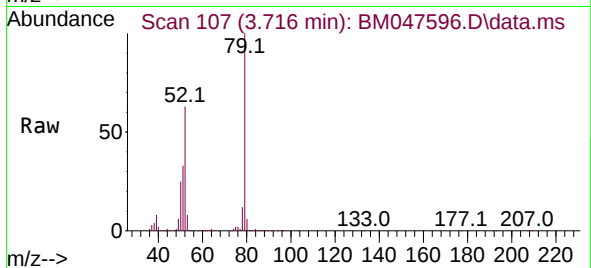
Tgt Ion: 88 Resp: 370902
Ion Ratio Lower Upper
88 100
58 72.2 58.0 87.0
43 28.7 23.1 34.7





#3
Pyridine
Concen: 30.738 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

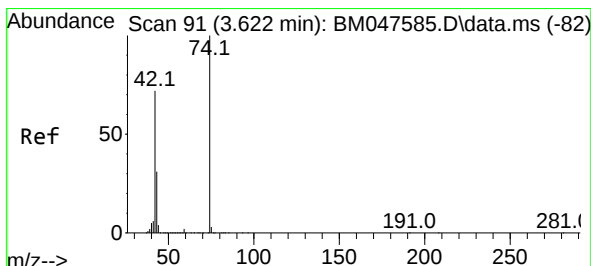
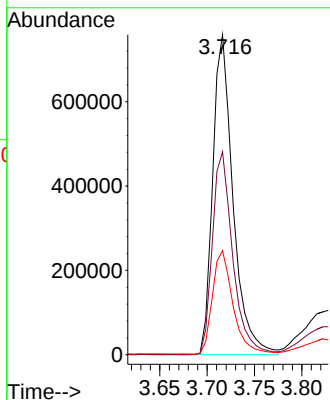
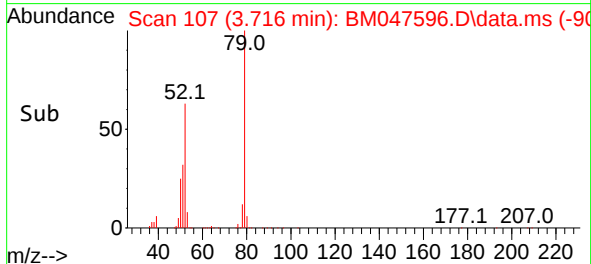
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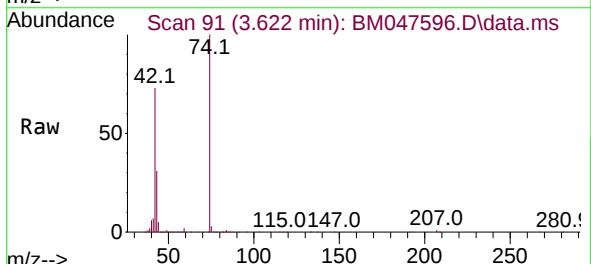
Tgt Ion: 79 Resp: 1132929
Ion Ratio Lower Upper
79 100
52 63.4 52.2 78.2
51 32.5 26.5 39.7

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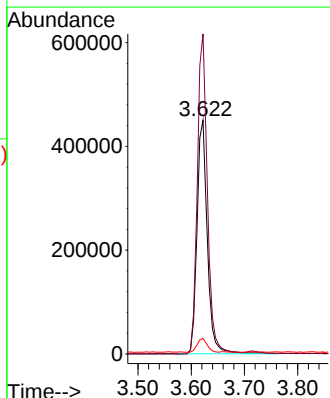
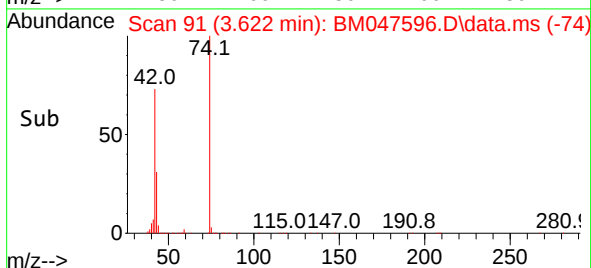
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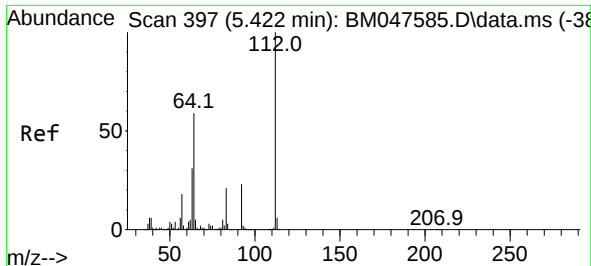


#4
n-Nitrosodimethylamine
Concen: 39.490 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



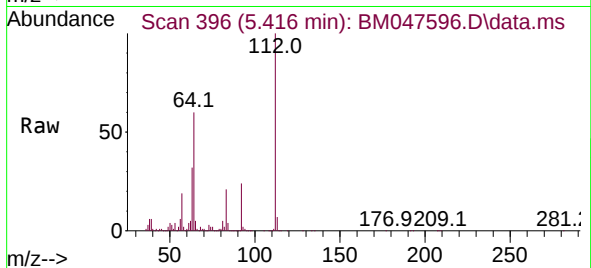
Tgt Ion: 42 Resp: 603511
Ion Ratio Lower Upper
42 100
74 137.0 110.8 166.2
44 6.6 6.1 9.1





#5
2-Fluorophenol
Concen: 80.577 ng
RT: 5.416 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

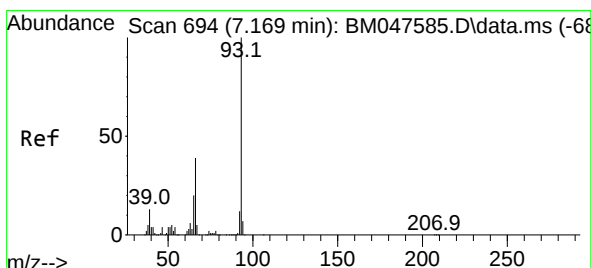
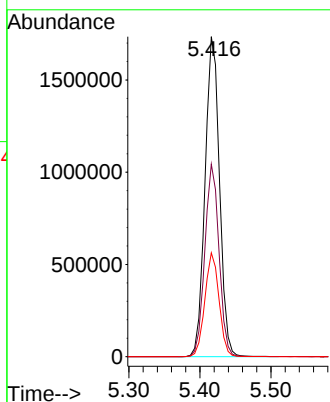
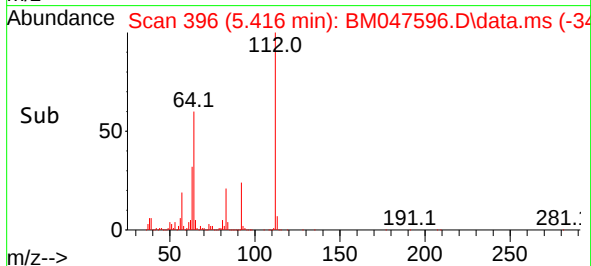
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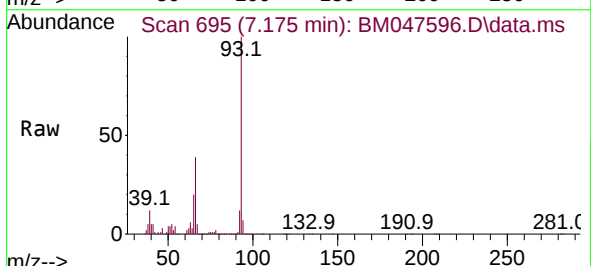
Tgt Ion: 112 Resp: 2460560
Ion Ratio Lower Upper
112 100
64 60.1 46.8 70.2
63 32.4 25.2 37.8

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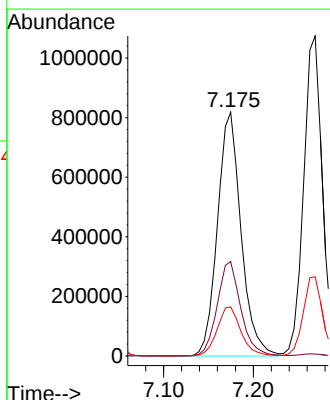
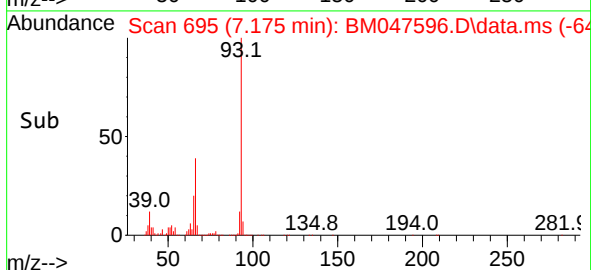
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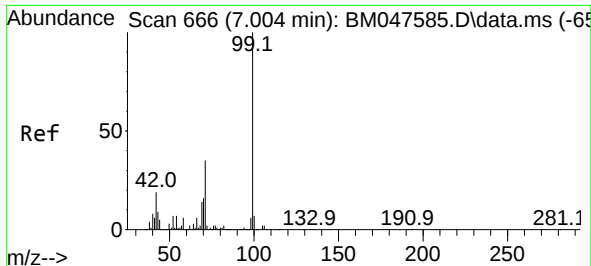


#6
Aniline
Concen: 43.362 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.006 min
Lab File: BM047596.D
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Tgt Ion: 93 Resp: 1494689
Ion Ratio Lower Upper
93 100
66 38.7 31.4 47.0
65 20.2 16.2 24.2





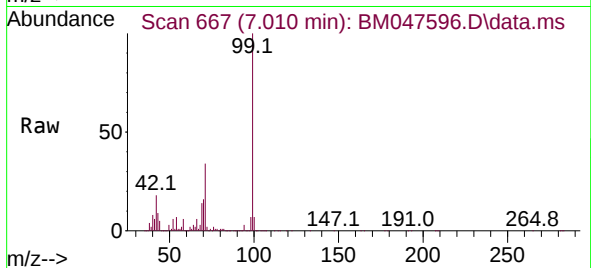
#7
Phenol-d6
Concen: 99.748 ng
RT: 7.010 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

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SSTDCCC040EC

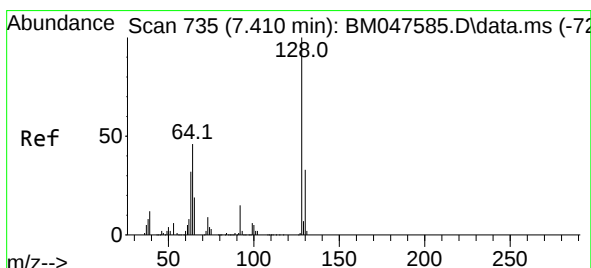
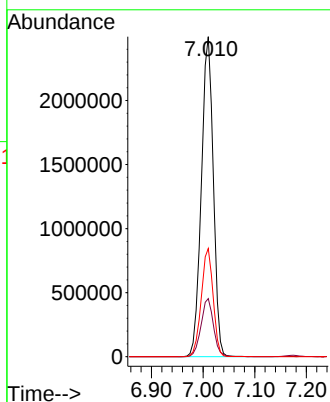
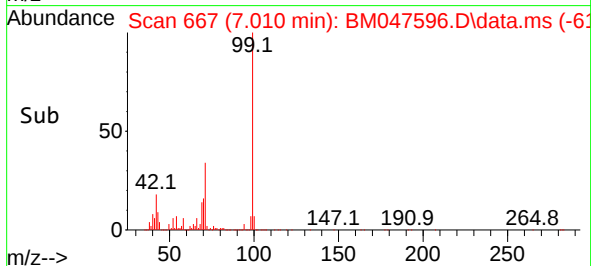


Tgt Ion: 99 Resp: 401349
Ion Ratio Lower Upper
99 100
42 18.1 15.3 22.9
71 33.8 27.8 41.6

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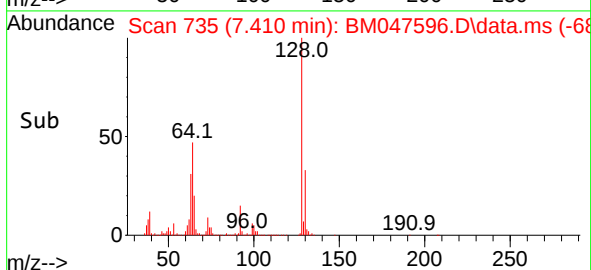
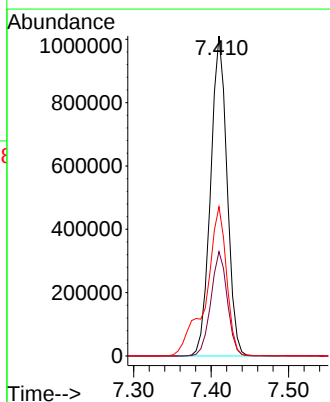
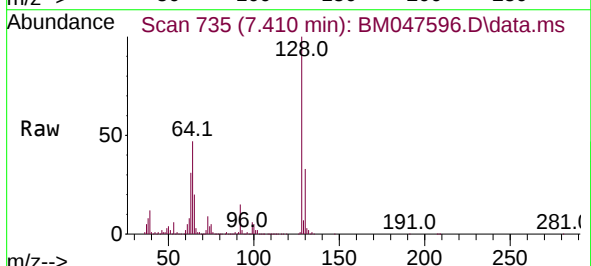
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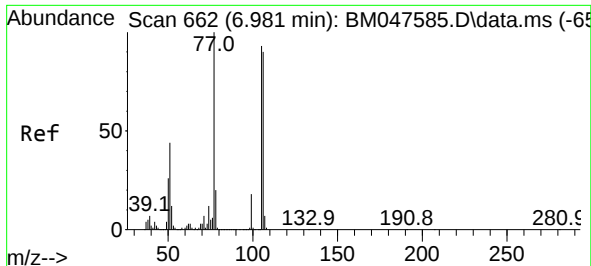
Reviewed By :Jagrut Upadhyay 09/23/2024
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#8
2-Chlorophenol
Concen: 46.499 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BM047596.D
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Tgt Ion:128 Resp: 1486508
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 46.7 27.6 67.6





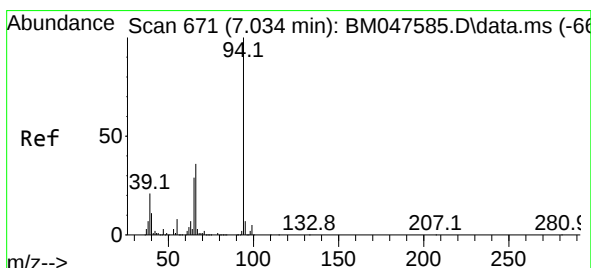
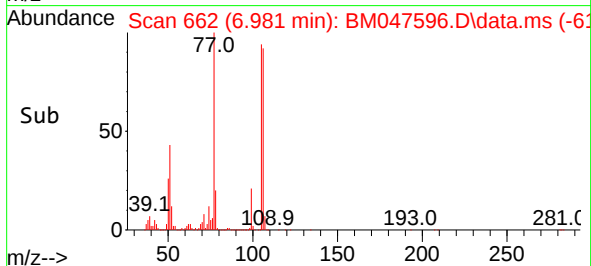
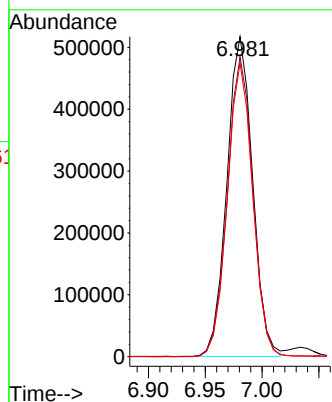
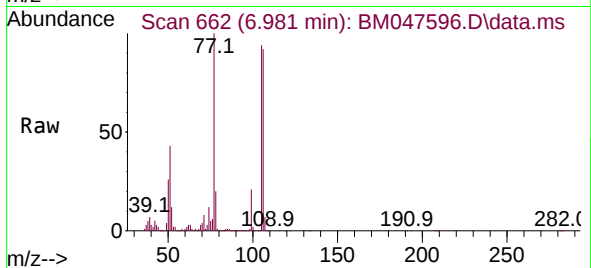
#9
Benzaldehyde
Concen: 39.636 ng
RT: 6.981 min Scan# 609
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 813814
Ion Ratio Lower Upper
77 100
105 93.5 73.0 113.0
106 91.7 70.3 110.3

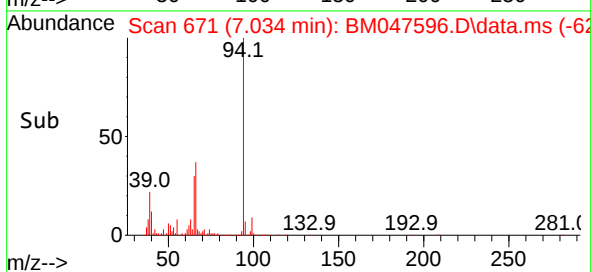
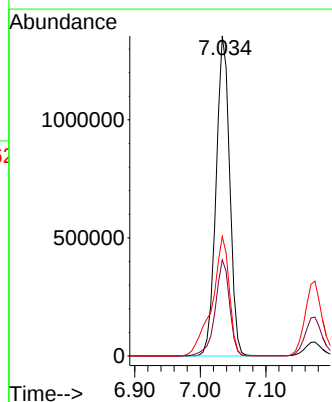
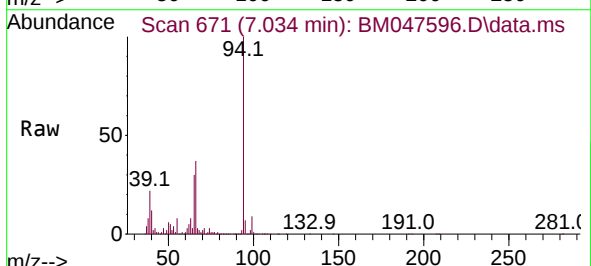
Manual Integrations
APPROVED

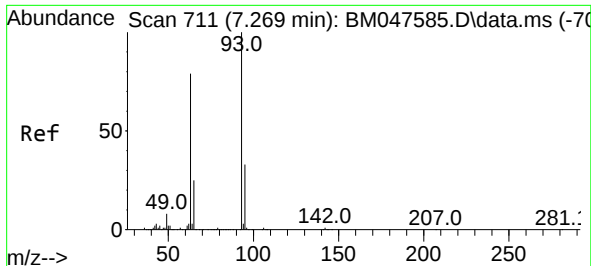
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#10
Phenol
Concen: 48.916 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

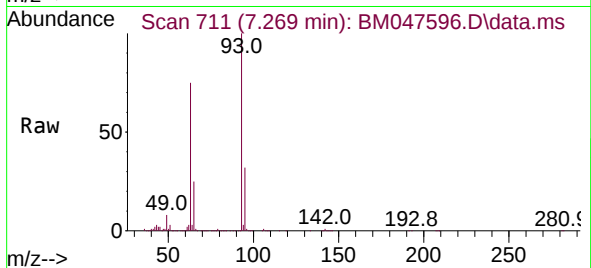
Tgt Ion: 94 Resp: 1954271
Ion Ratio Lower Upper
94 100
65 30.0 9.1 49.1
66 37.3 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 48.257 ng
RT: 7.269 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

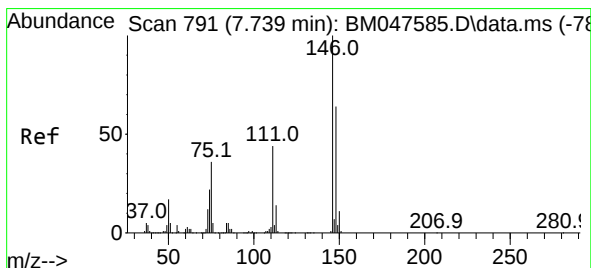
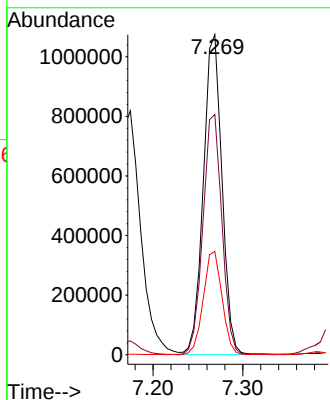
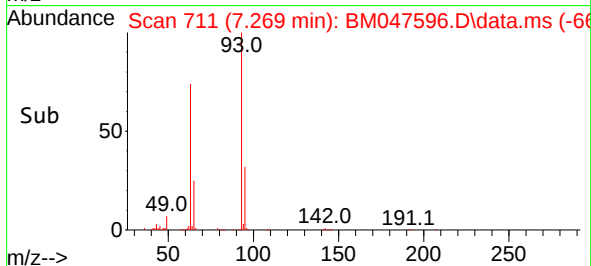
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



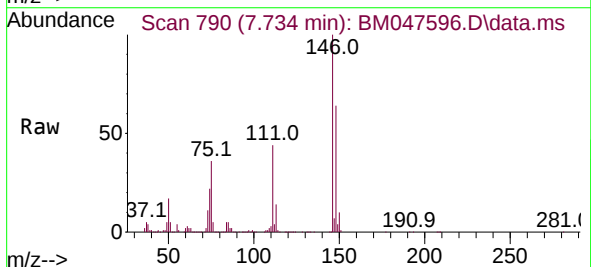
Tgt Ion: 93 Resp: 154959
Ion Ratio Lower Upper
93 100
63 75.1 58.5 98.5
95 32.3 12.9 52.9

Manual Integrations
APPROVED

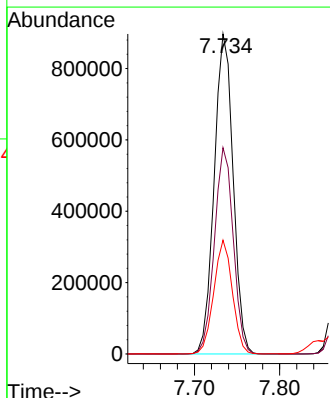
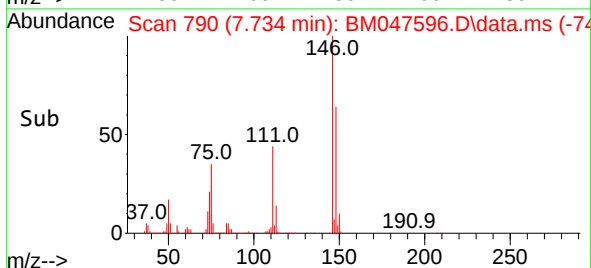
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

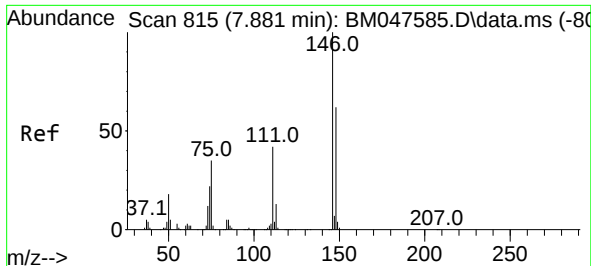


#12
1,3-Dichlorobenzene
Concen: 39.211 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



Tgt Ion:146 Resp: 1386243
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 35.6 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 40.562 ng

RT: 7.881 min Scan# 815

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 1450978

Ion Ratio Lower Upper

146 100

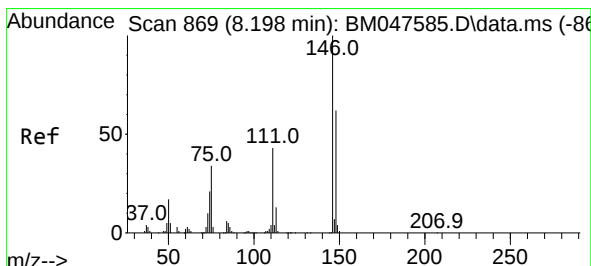
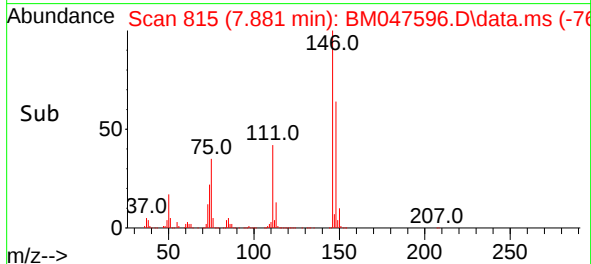
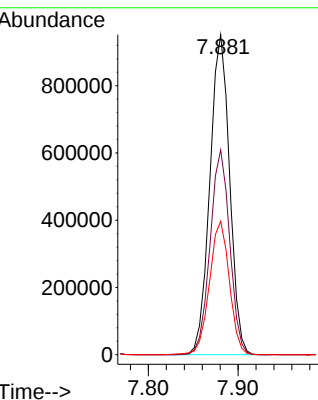
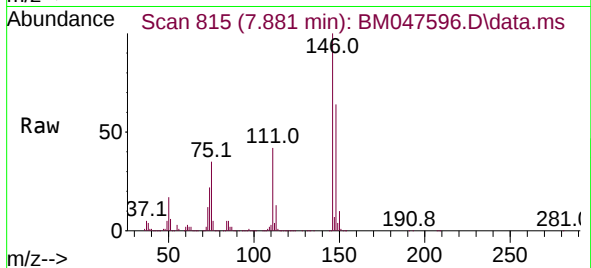
148 64.0 49.8 74.6

111 41.7 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#14

1,2-Dichlorobenzene

Concen: 43.063 ng

RT: 8.198 min Scan# 869

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

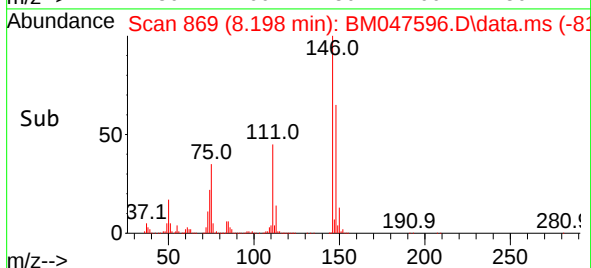
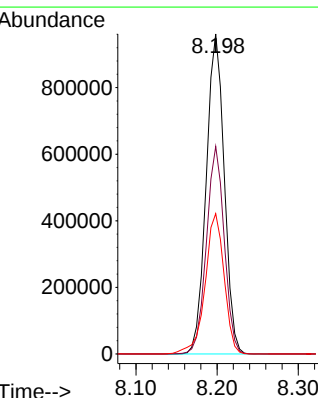
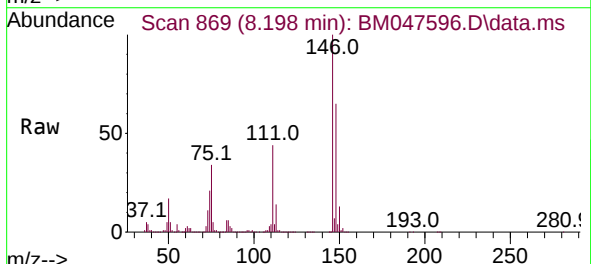
Tgt Ion:146 Resp: 1484855

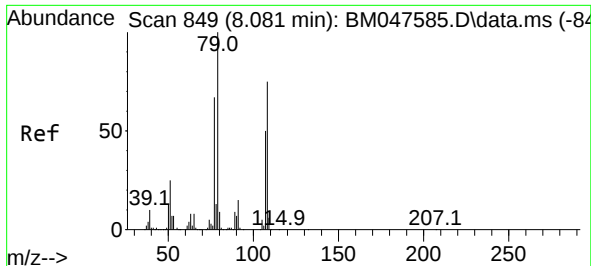
Ion Ratio Lower Upper

146 100

148 64.9 49.7 74.5

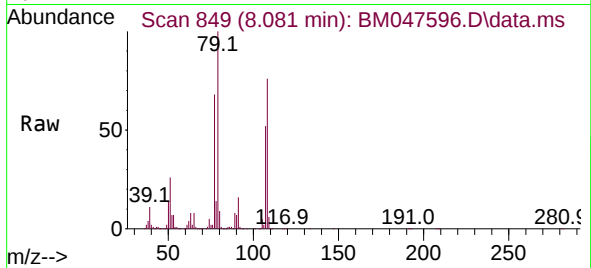
111 43.8 34.8 52.2





#15
Benzyl Alcohol
Concen: 50.947 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

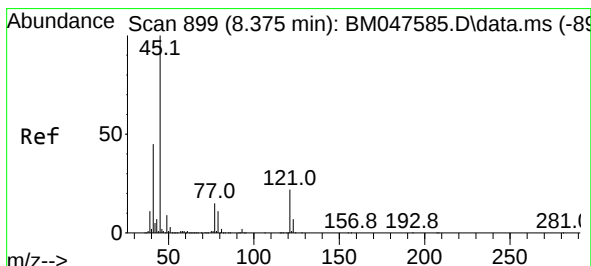
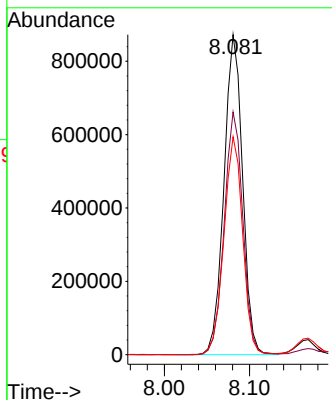
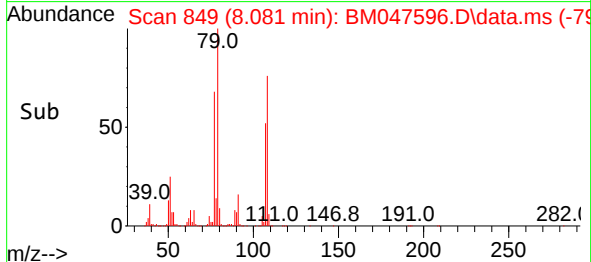
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



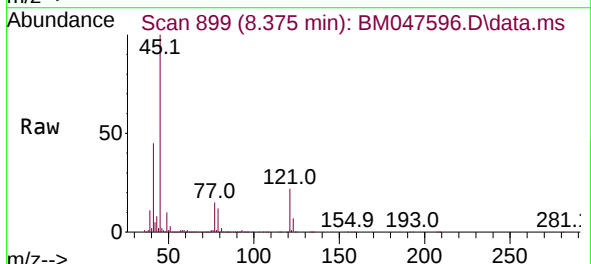
Tgt Ion: 79 Resp: 132261
Ion Ratio Lower Upper
79 100
108 75.8 60.2 90.2
77 68.1 53.9 80.9

Manual Integrations
APPROVED

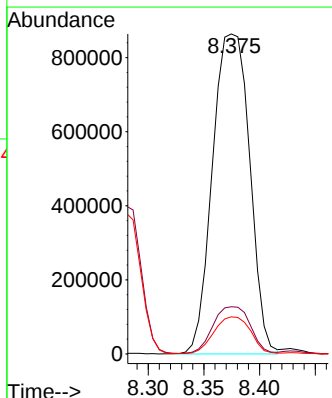
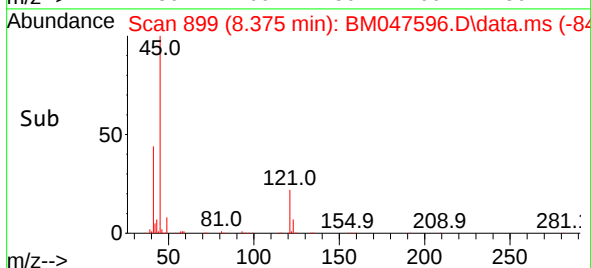
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

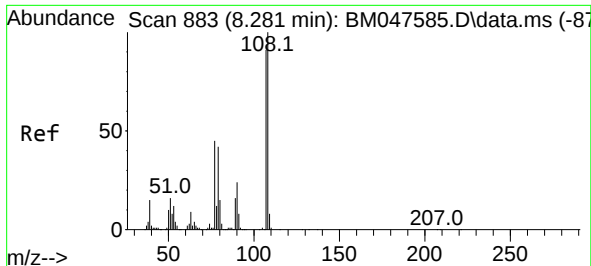


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.064 ng m
RT: 8.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



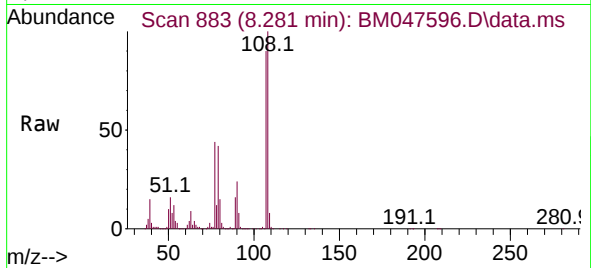
Tgt Ion: 45 Resp: 2008209
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.5
79 11.6 0.0 31.6





#17
2-Methylphenol
Concen: 50.273 ng
RT: 8.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

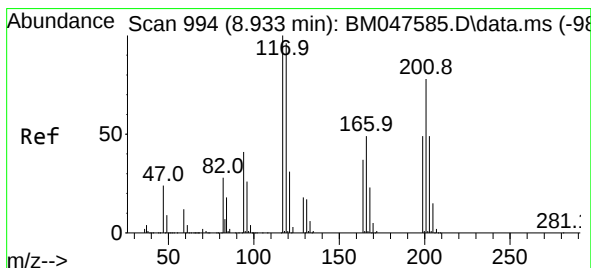
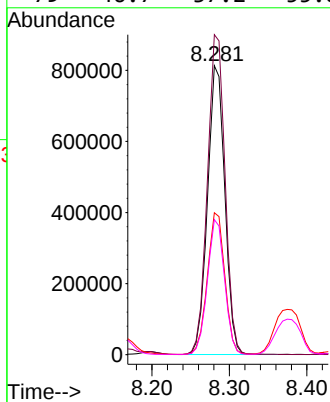
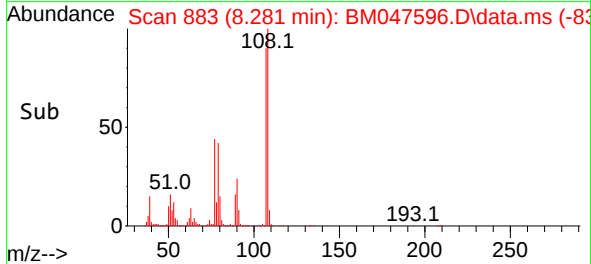


Tgt Ion:107 Resp: 1262340

Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.8	131.6
77	49.1	39.6	59.4
79	46.7	37.2	55.8

Manual Integrations
APPROVED

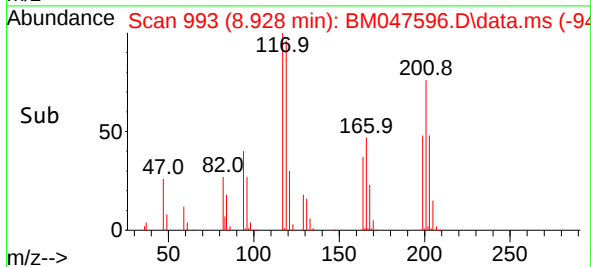
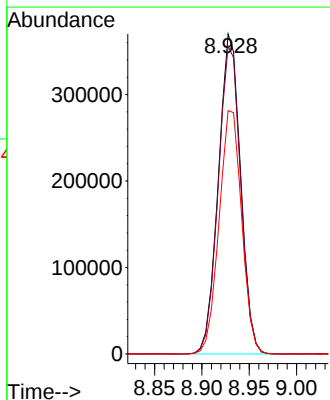
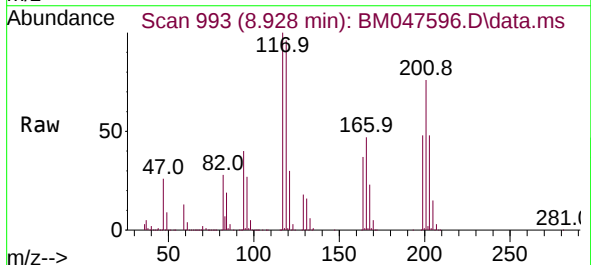
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

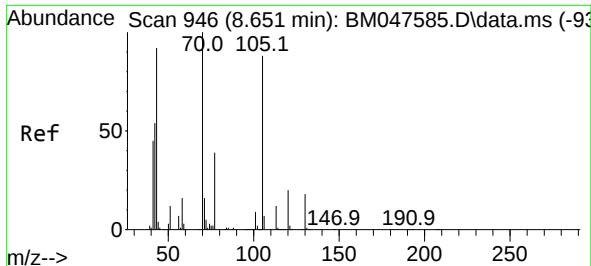


#18
Hexachloroethane
Concen: 41.668 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Tgt Ion:117 Resp: 604463

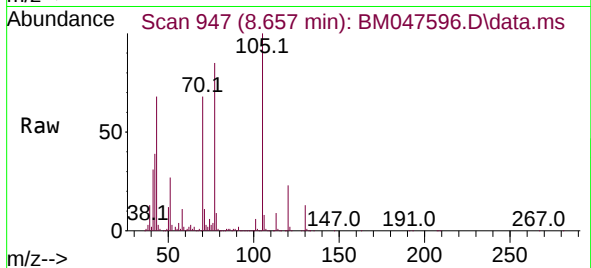
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.2	115.8
201	76.1	62.3	93.5





#19
n-Nitroso-di-n-propylamine
Concen: 54.452 ng
RT: 8.657 min Scan# 946
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

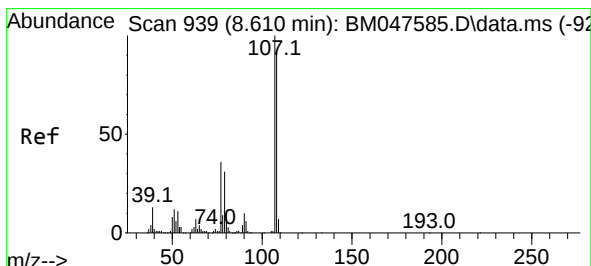
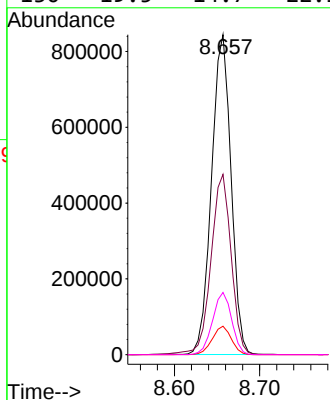
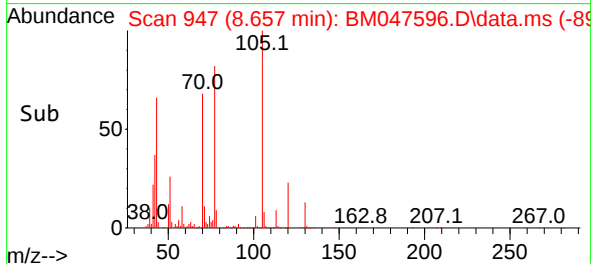
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



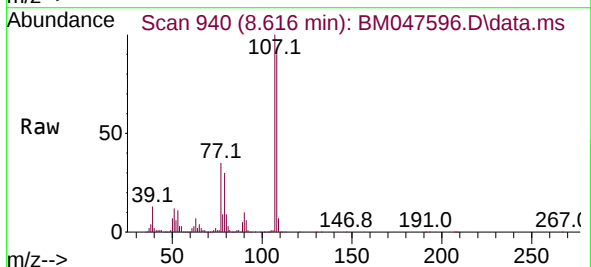
Tgt Ion: 70 Resp: 1342030
Ion Ratio Lower Upper
70 100
42 56.3 44.2 66.2
101 8.9 7.0 10.4
130 19.5 14.7 22.1

Manual Integrations
APPROVED

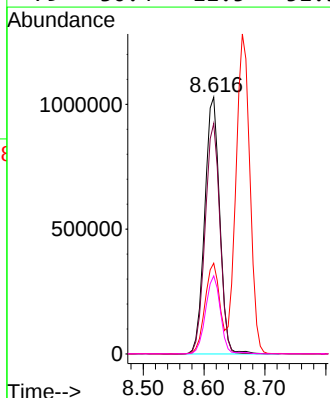
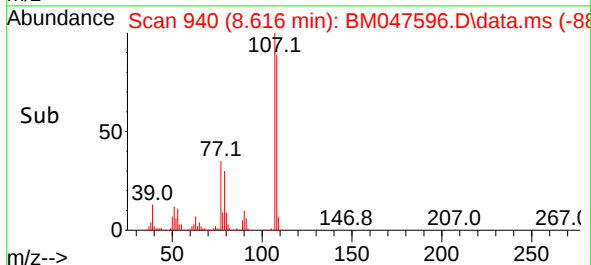
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

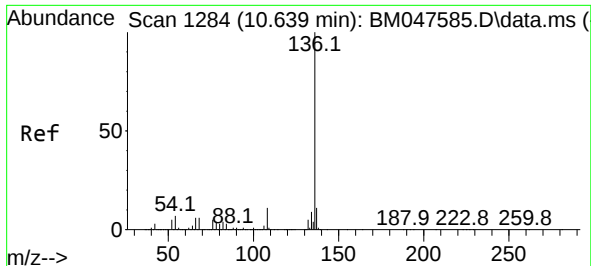


#20
3+4-Methylphenols
Concen: 51.458 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



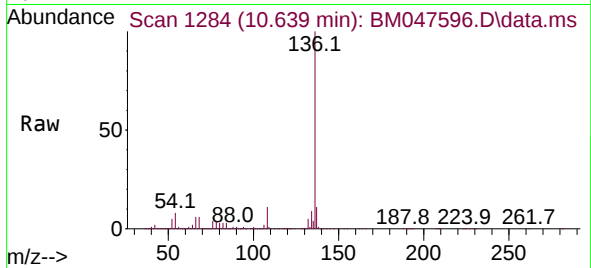
Tgt Ion:107 Resp: 1759937
Ion Ratio Lower Upper
107 100
108 89.7 71.8 111.8
77 35.4 16.1 56.1
79 30.4 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

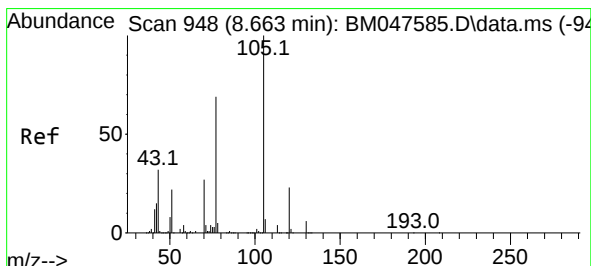
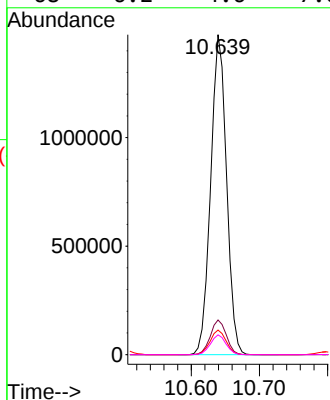
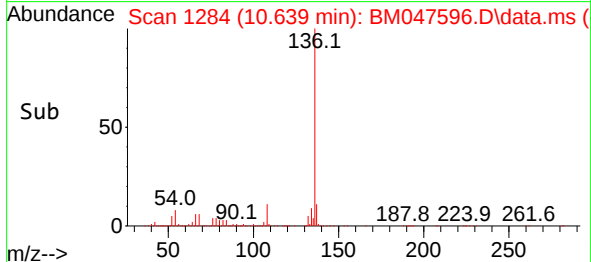
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:136 Resp: 2382914
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.7 6.0 9.0
68 6.2 4.6 7.0

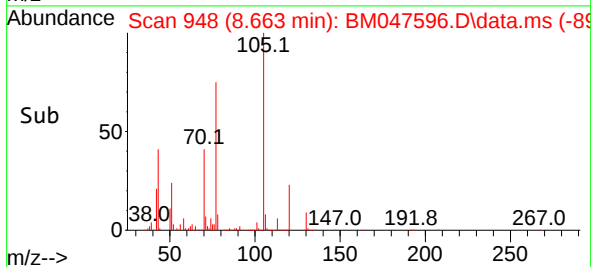
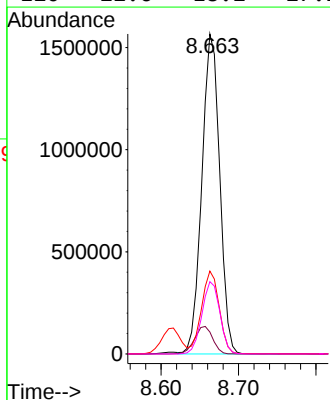
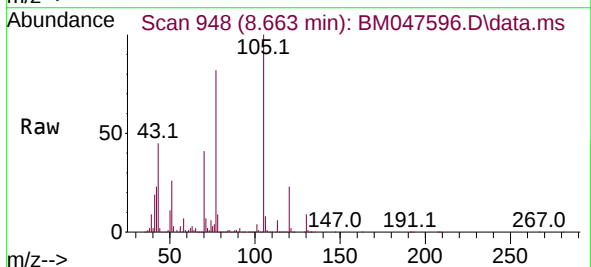
Manual Integrations
APPROVED

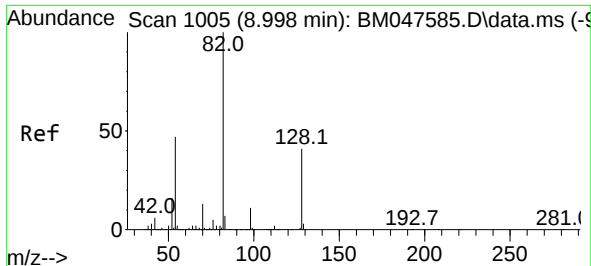
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 40.385 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Tgt Ion:105 Resp: 2507224
Ion Ratio Lower Upper
105 100
71 6.9 3.4 5.2#
51 25.9 21.4 32.2
120 22.6 18.2 27.2





#23
Nitrobenzene-d5
Concen: 81.212 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

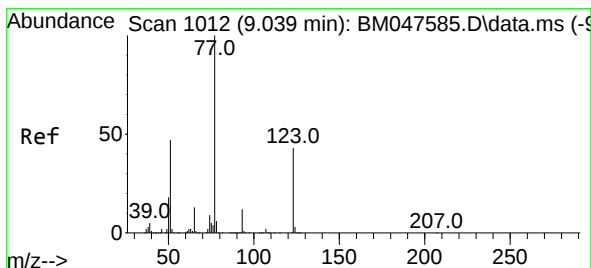
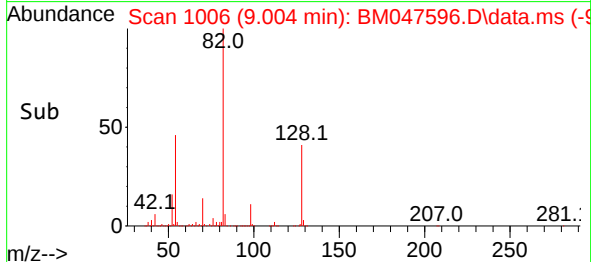
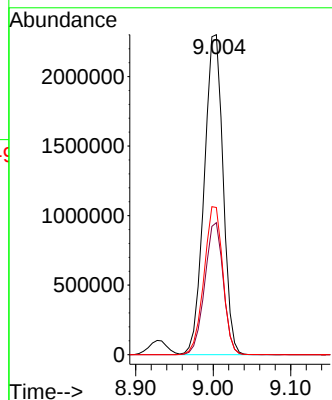
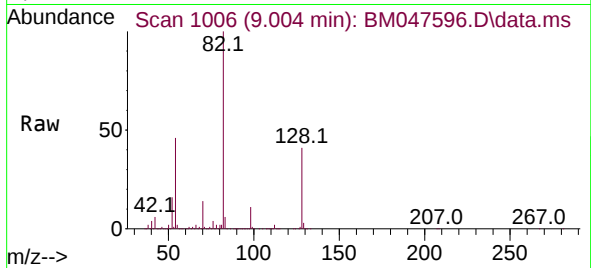
SSTDCCC040EC

Tgt Ion: 82 Resp: 3887480
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 46.0 37.5 56.3

Manual Integrations

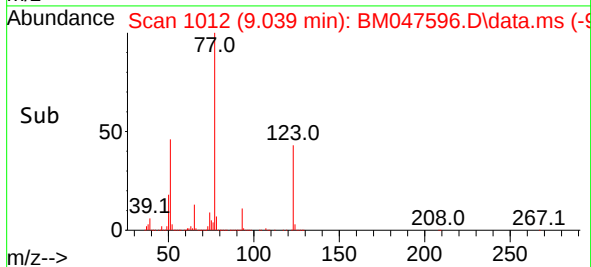
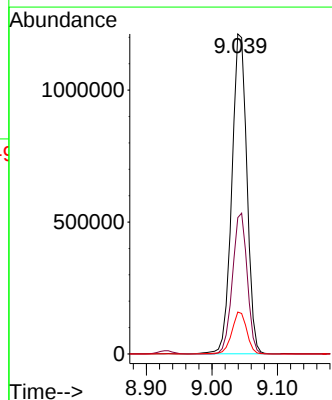
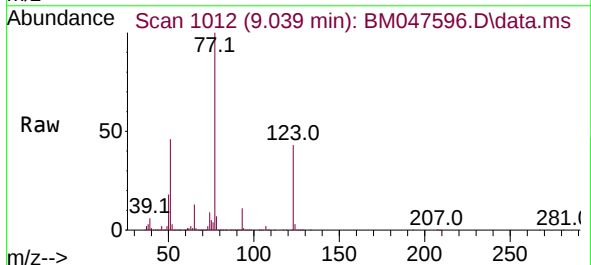
APPROVED

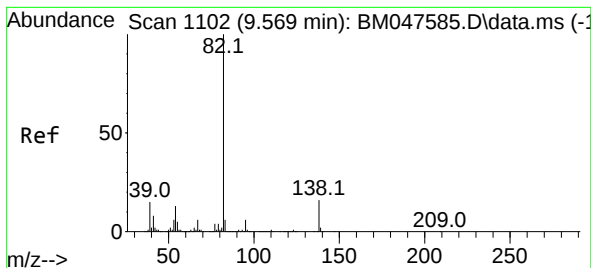
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#24
Nitrobenzene
Concen: 39.102 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Tgt Ion: 77 Resp: 1933274
Ion Ratio Lower Upper
77 100
123 42.6 34.1 51.1
65 13.1 10.7 16.1





#25

Isophorone

Concen: 40.828 ng

RT: 9.575 min Scan# 1103

Delta R.T. 0.006 min

Lab File: BM047596.D

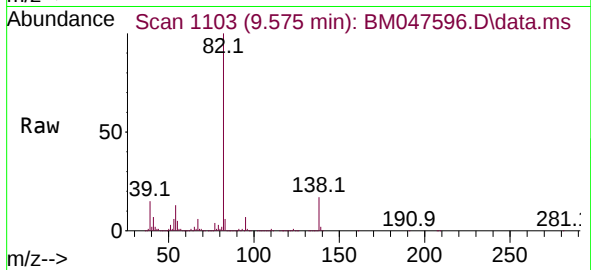
Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 82 Resp: 326611

Ion Ratio Lower Upper

82 100

95 6.6 5.0 7.6

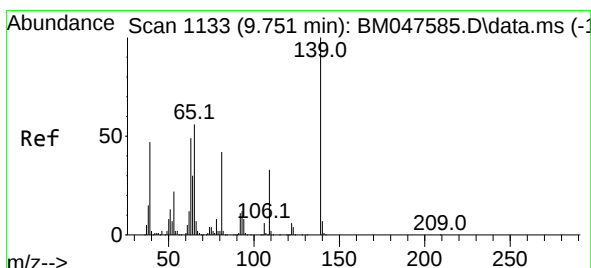
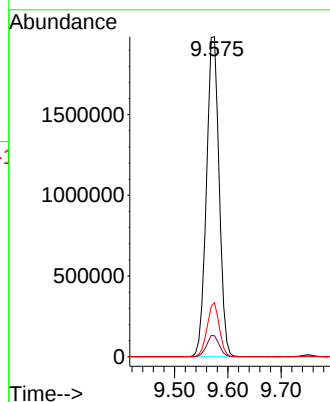
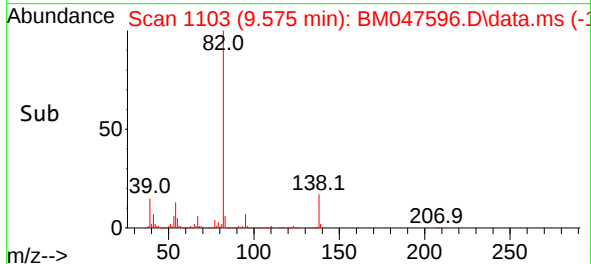
138 16.9 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024

Supervised By :mohammad ahmed 09/24/2024



#26

2-Nitrophenol

Concen: 42.310 ng

RT: 9.751 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

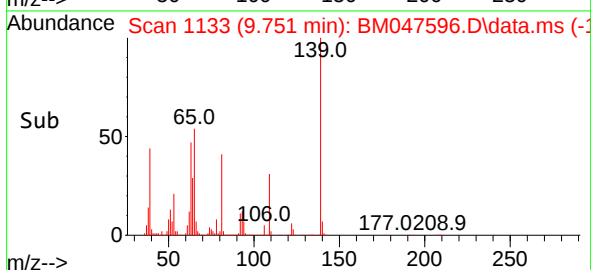
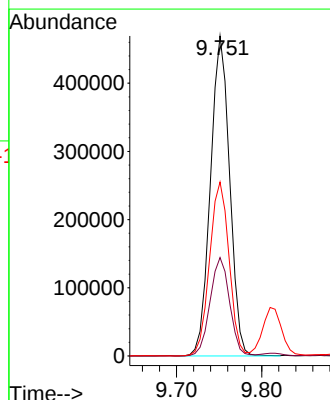
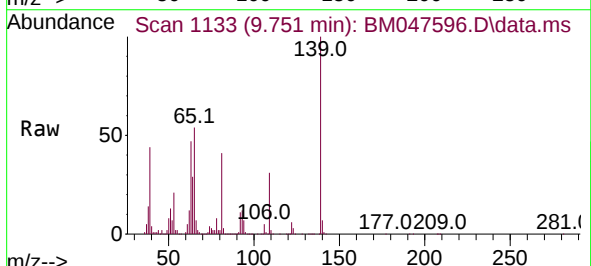
Tgt Ion:139 Resp: 735511

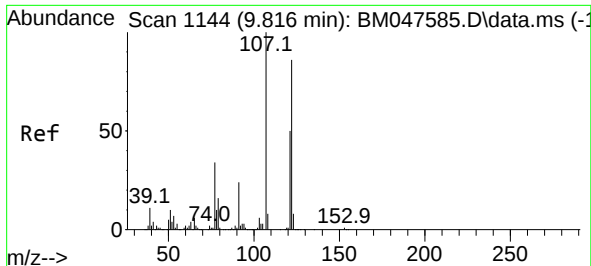
Ion Ratio Lower Upper

139 100

109 30.8 26.1 39.1

65 54.4 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 40.264 ng

RT: 9.816 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BM047596.D

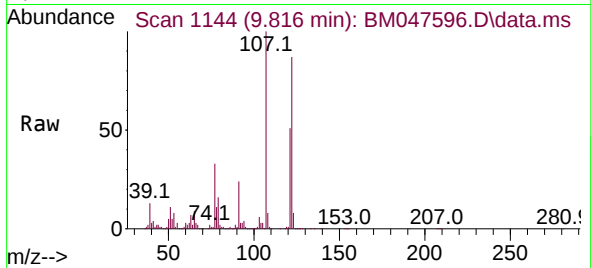
Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:122 Resp: 997690

Ion Ratio Lower Upper

122 100

107 114.4 92.2 138.2

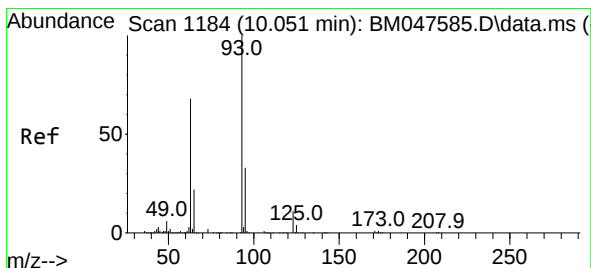
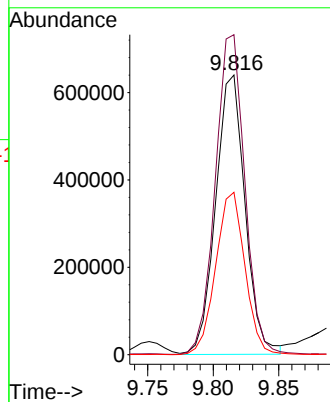
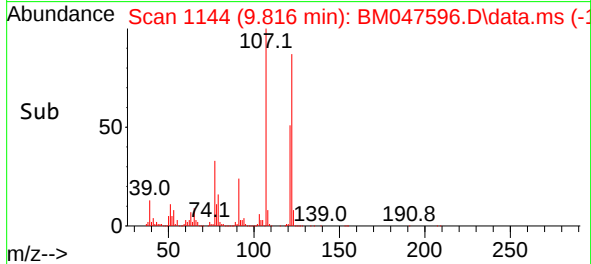
121 58.0 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024

Supervised By :mohammad ahmed 09/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.958 ng

RT: 10.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

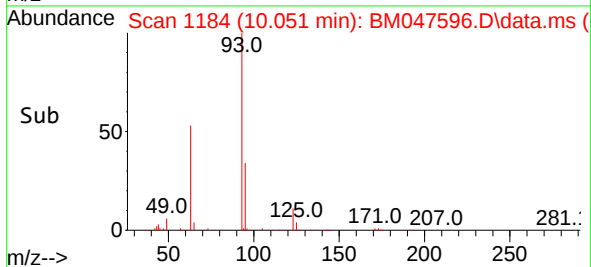
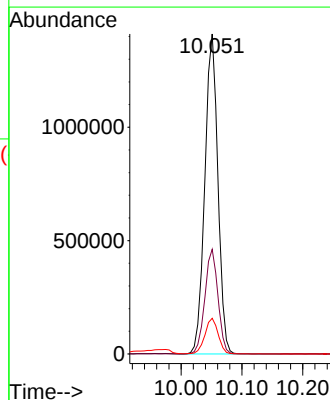
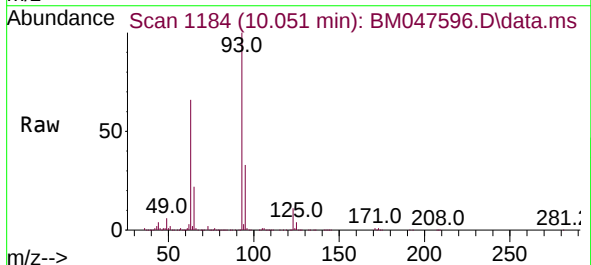
Tgt Ion: 93 Resp: 2107885

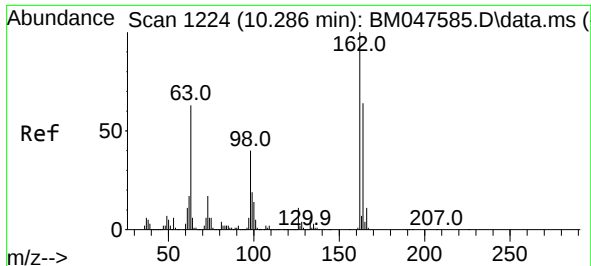
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

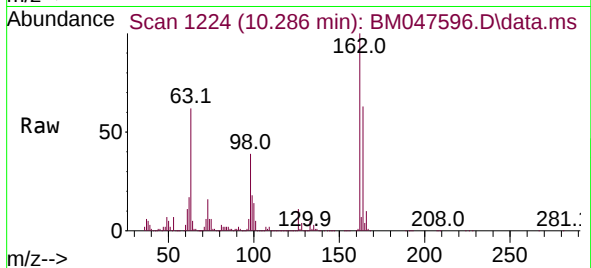
123 11.1 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 41.394 ng
RT: 10.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

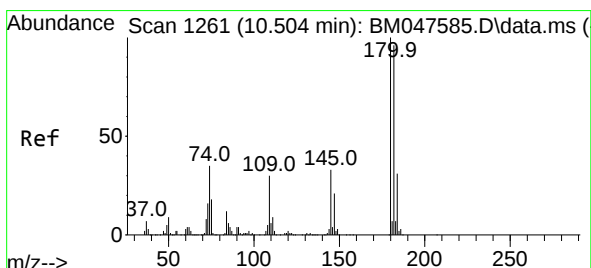
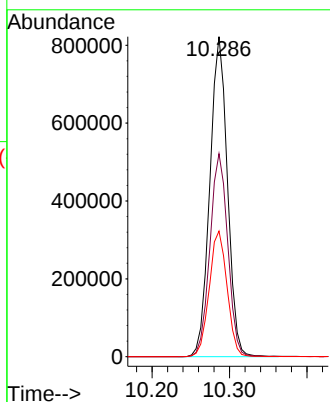
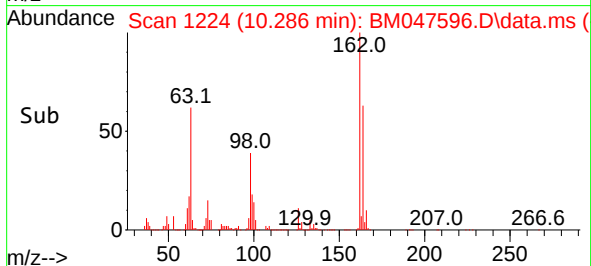
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:162 Resp: 1296620
Ion Ratio Lower Upper
162 100
164 63.5 43.9 83.9
98 39.3 20.3 60.3

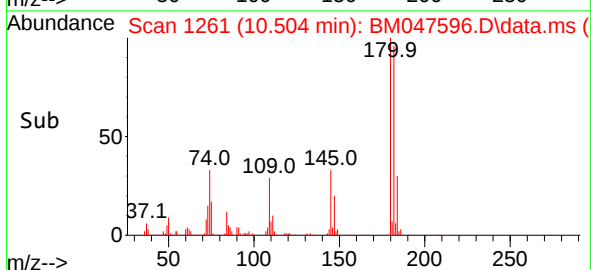
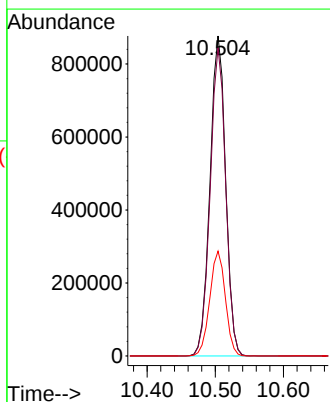
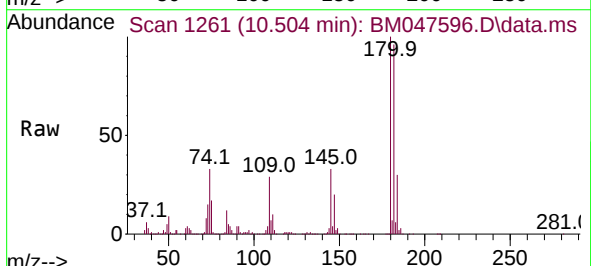
Manual Integrations
APPROVED

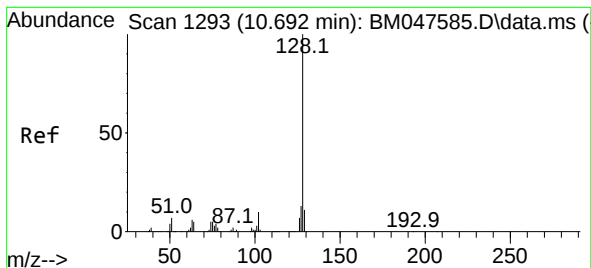
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.239 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

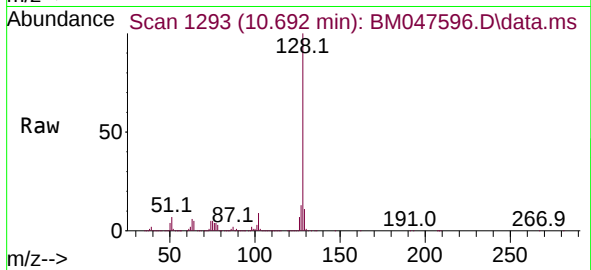
Tgt Ion:180 Resp: 1400947
Ion Ratio Lower Upper
180 100
182 96.3 76.6 115.0
145 32.7 26.2 39.2





#31
Naphthalene
Concen: 40.198 ng
RT: 10.692 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

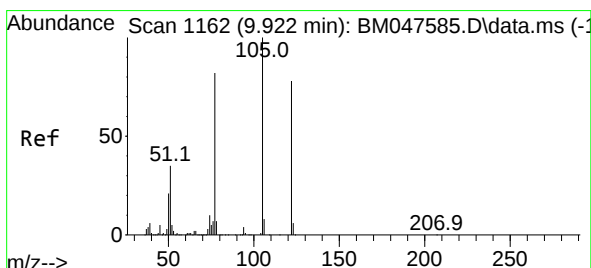
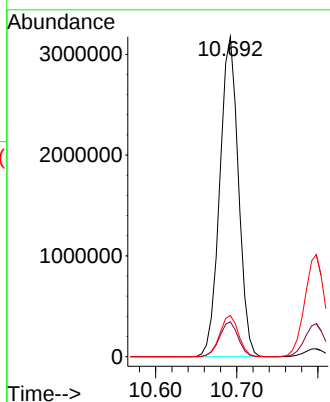
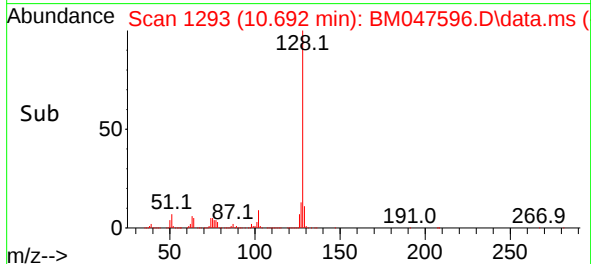
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 506776
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.3 15.5

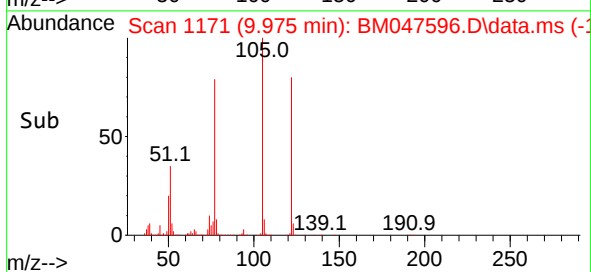
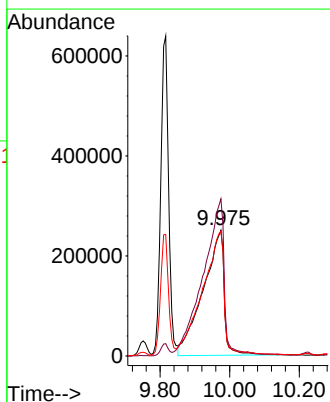
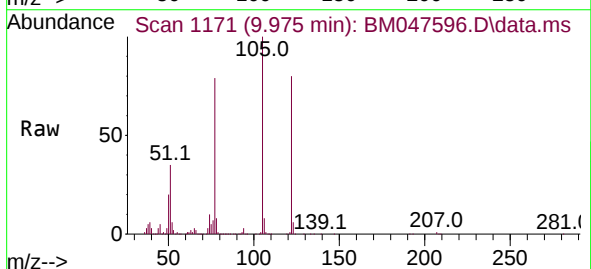
Manual Integrations
APPROVED

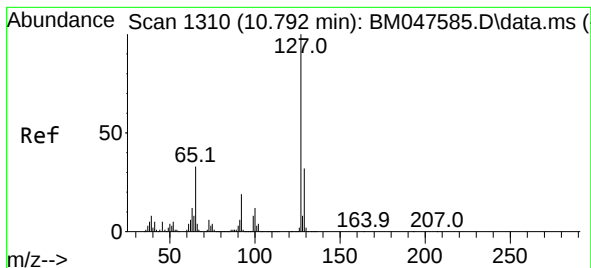
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 45.626 ng
RT: 9.975 min Scan# 1171
Delta R.T. 0.053 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

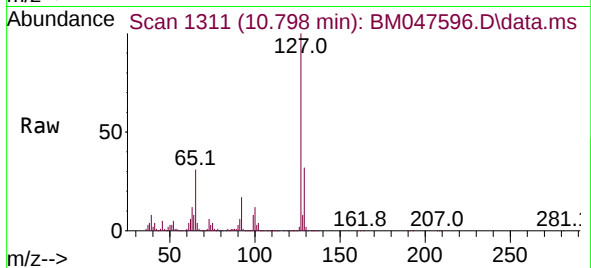
Tgt Ion:122 Resp: 1053883
Ion Ratio Lower Upper
122 100
105 124.8 103.1 143.1
77 99.1 82.4 122.4





#33
4-Chloroaniline
Concen: 39.097 ng
RT: 10.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

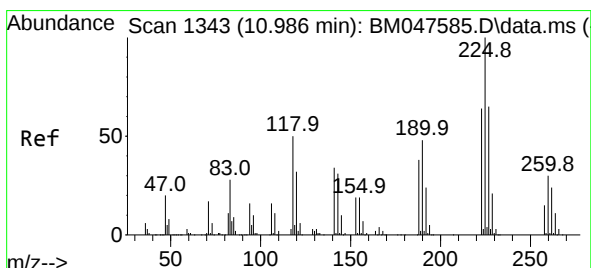
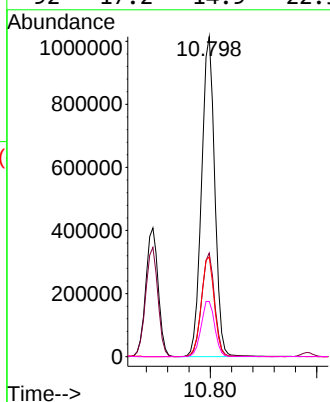
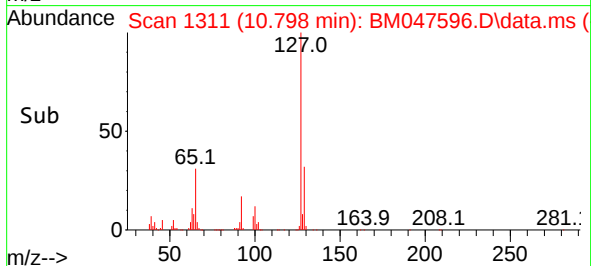
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



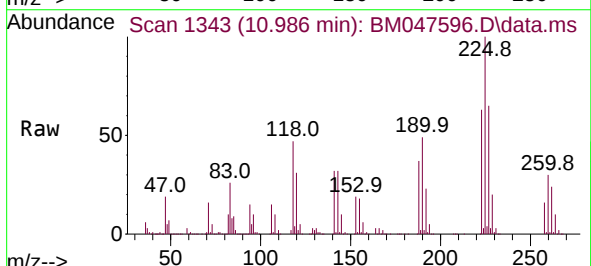
Tgt Ion:127 Resp: 1737740
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 31.1 26.1 39.1
92 17.2 14.9 22.3

Manual Integrations
APPROVED

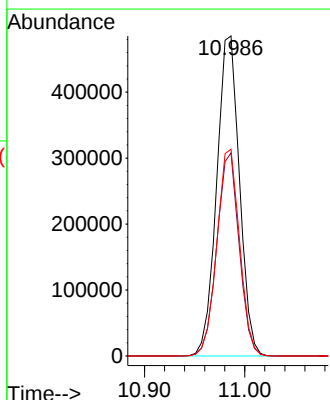
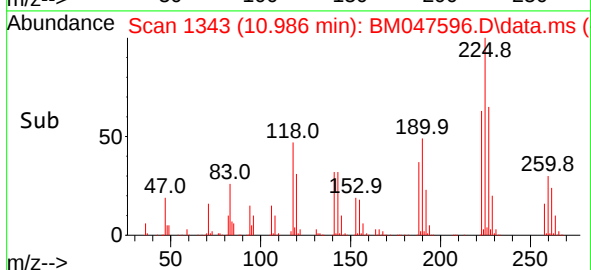
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

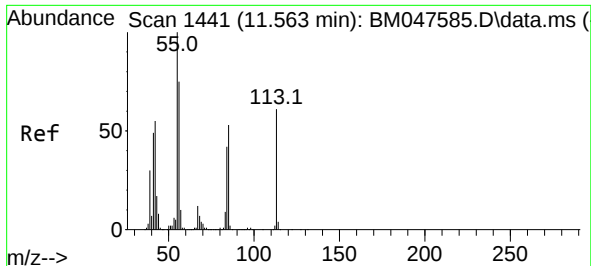


#34
Hexachlorobutadiene
Concen: 39.346 ng
RT: 10.986 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



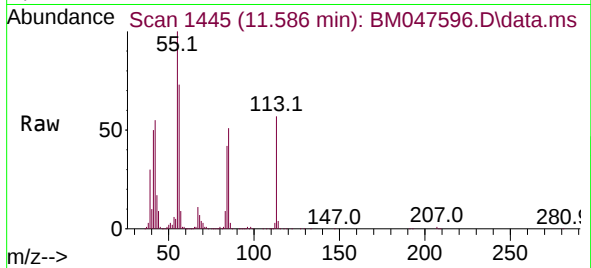
Tgt Ion:225 Resp: 764459
Ion Ratio Lower Upper
225 100
223 63.4 51.4 77.0
227 64.6 52.1 78.1





#35
Caprolactam
Concen: 40.361 ng
RT: 11.586 min Scan# 1445
Delta R.T. 0.024 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

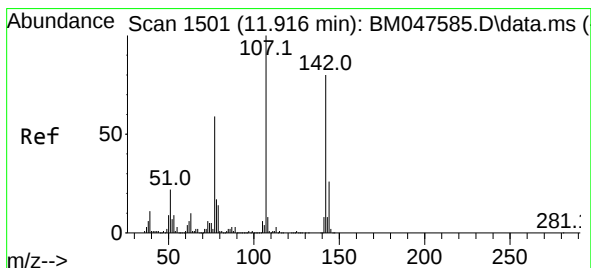
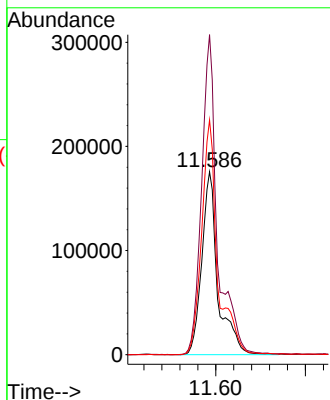
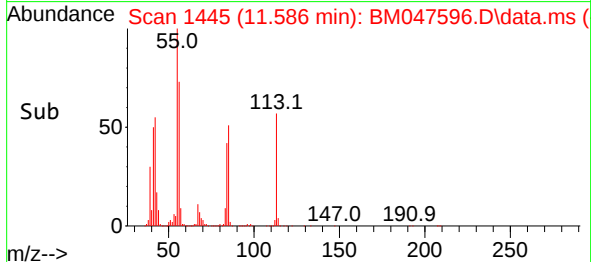
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



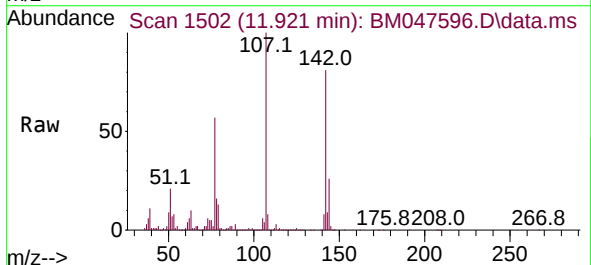
Tgt Ion:113 Resp: 437000
Ion Ratio Lower Upper
113 100
55 174.9 145.5 185.5
56 128.3 103.9 143.9

Manual Integrations
APPROVED

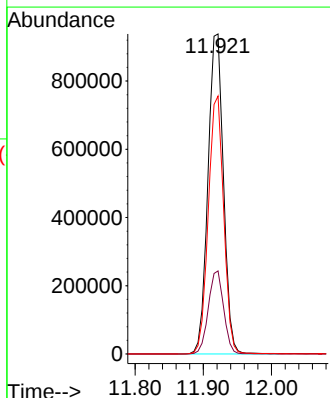
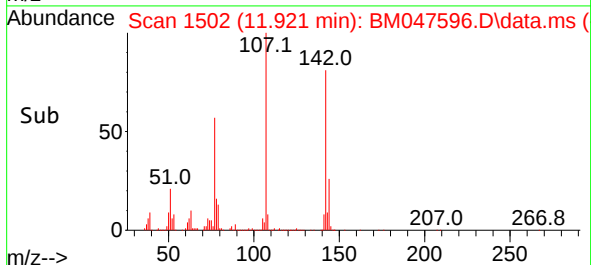
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

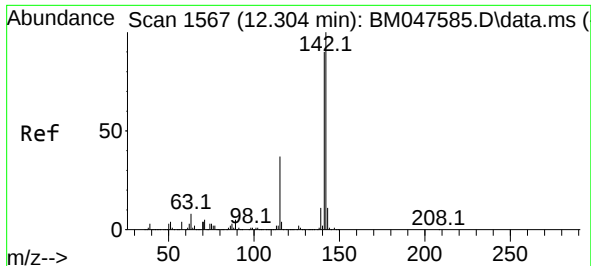


#36
4-Chloro-3-methylphenol
Concen: 41.549 ng
RT: 11.921 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



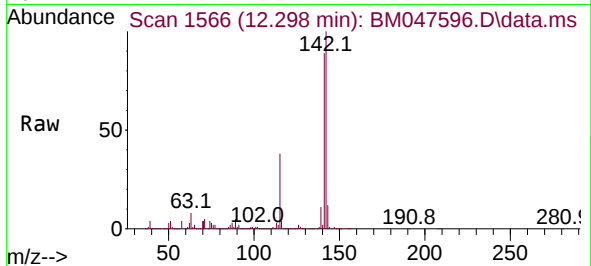
Tgt Ion:107 Resp: 1484933
Ion Ratio Lower Upper
107 100
144 25.9 20.7 31.1
142 80.6 63.9 95.9





#37
2-Methylnaphthalene
Concen: 42.352 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

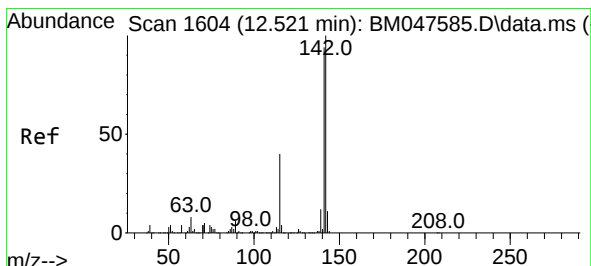
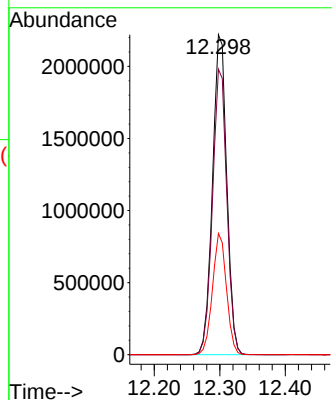
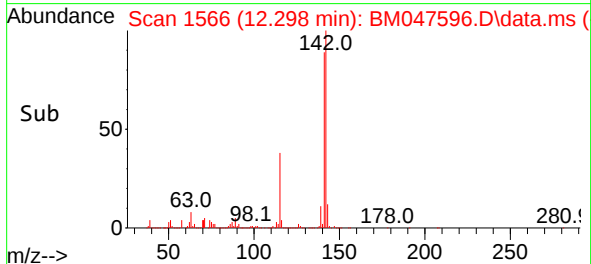
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



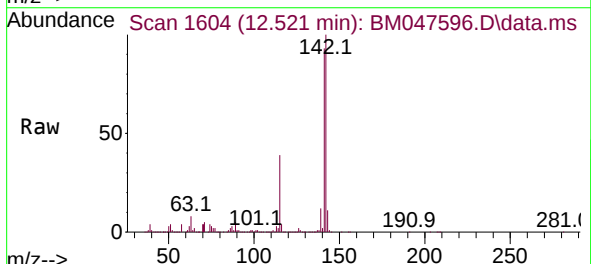
Tgt Ion:142 Resp: 335451
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5
115 37.9 29.5 44.3

Manual Integrations
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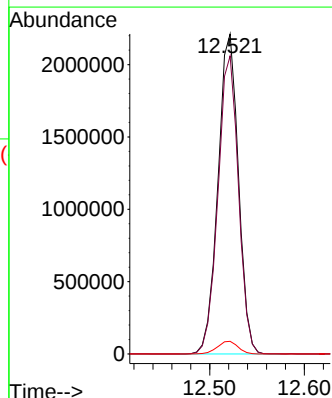
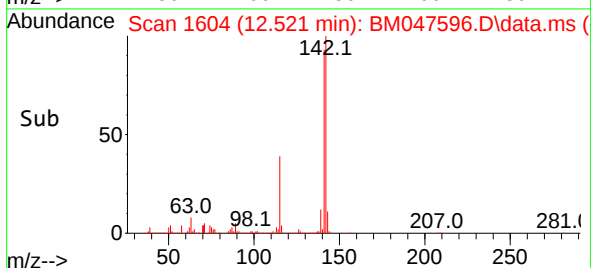
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

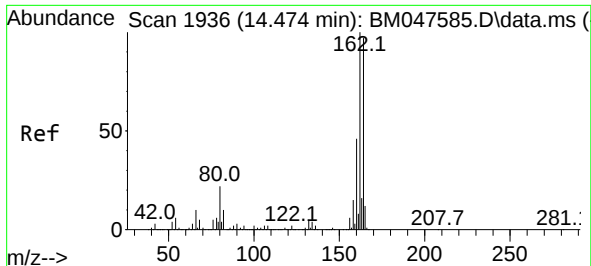


#38
1-Methylnaphthalene
Concen: 42.222 ng
RT: 12.521 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



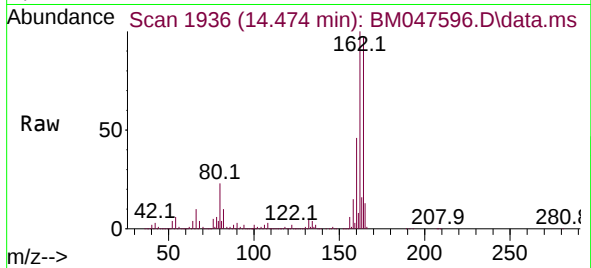
Tgt Ion:142 Resp: 3317610
Ion Ratio Lower Upper
142 100
141 93.1 75.3 112.9
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

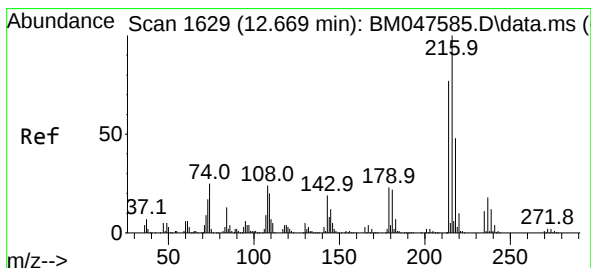
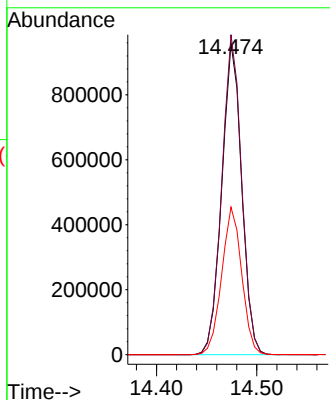
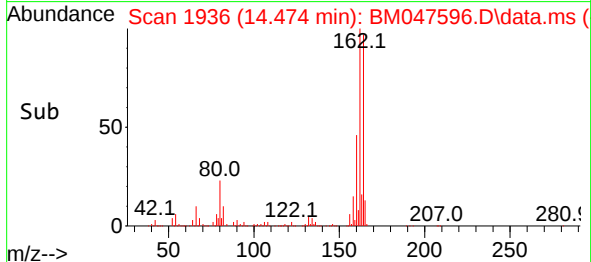
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



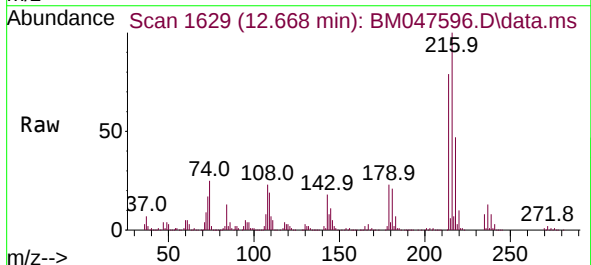
Tgt Ion:164 Resp: 131804
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 47.4 37.8 56.6

Manual Integrations
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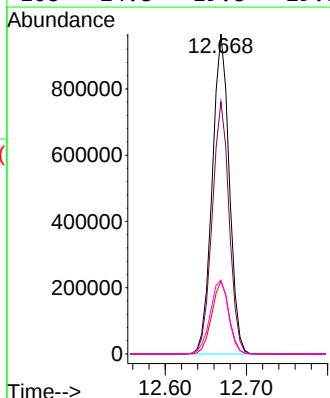
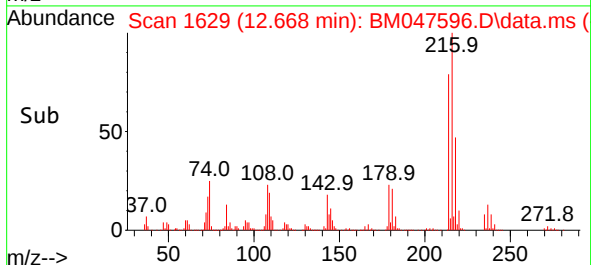
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

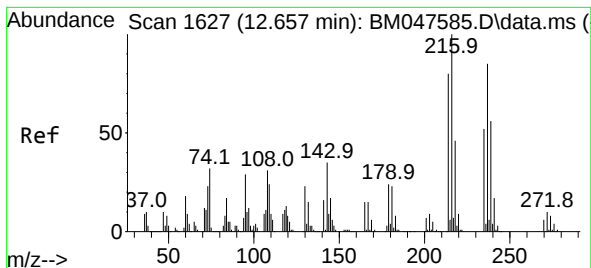


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.503 ng
RT: 12.668 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



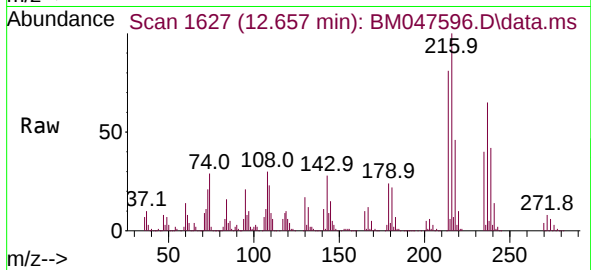
Tgt Ion:216 Resp: 1408779
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 22.9 18.5 27.7
108 24.8 19.8 29.8





#41
Hexachlorocyclopentadiene
Concen: 37.186 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

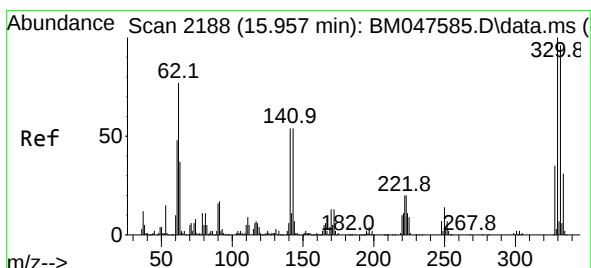
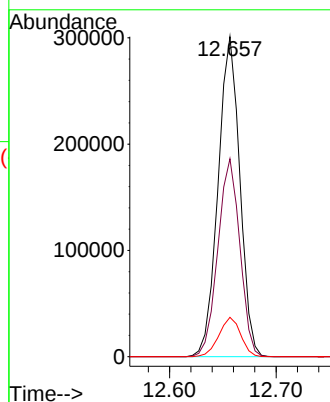
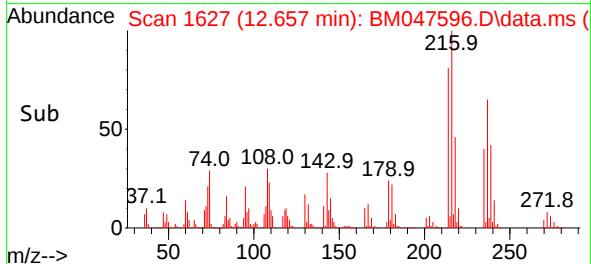
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



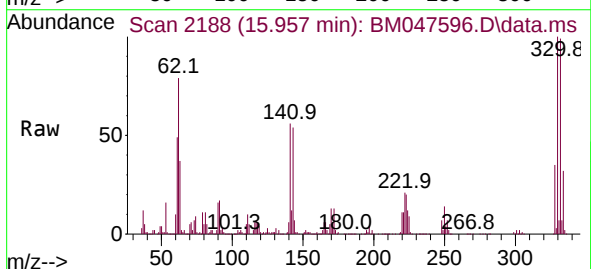
Tgt Ion:237 Resp: 427025
Ion Ratio Lower Upper
237 100
235 61.9 41.2 81.2
272 12.3 0.0 32.0

Manual Integrations
APPROVED

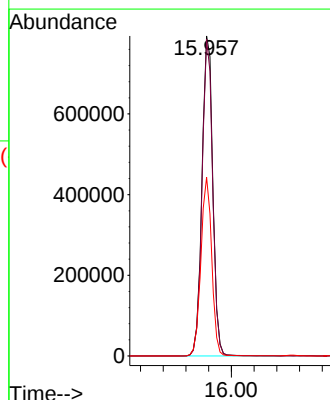
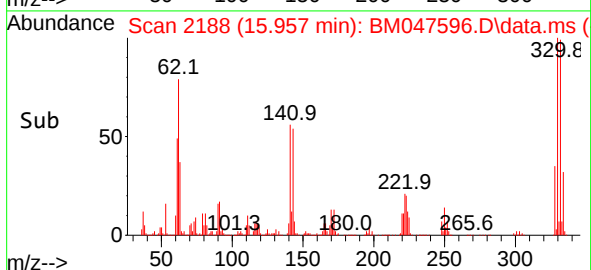
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

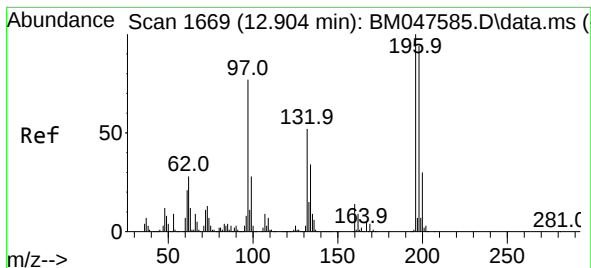


#42
2,4,6-Tribromophenol
Concen: 85.914 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



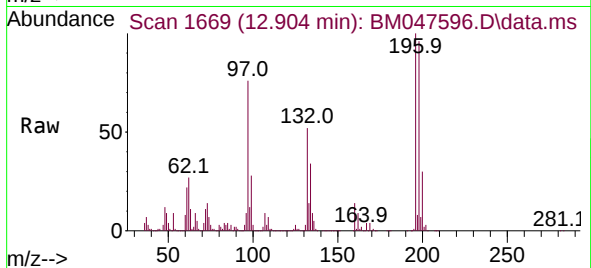
Tgt Ion:330 Resp: 1048554
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 56.0 45.9 68.9





#43
2,4,6-Trichlorophenol
Concen: 40.438 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

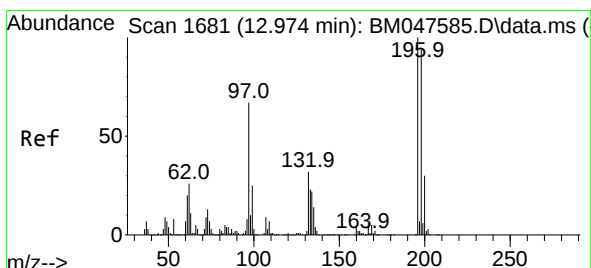
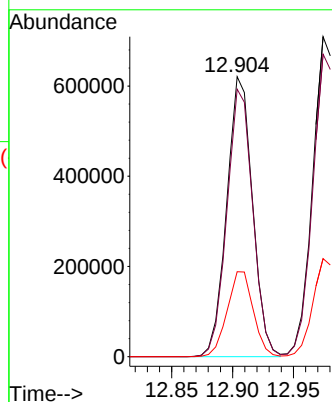
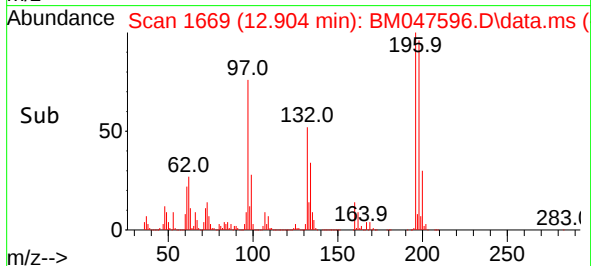
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



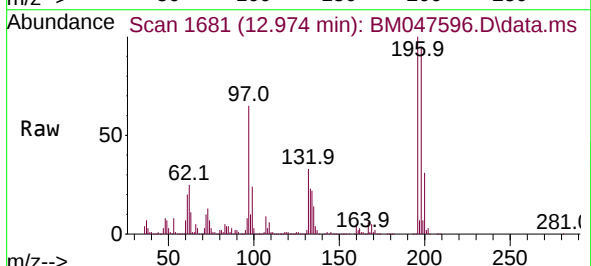
Tgt Ion:196 Resp: 914130
Ion Ratio Lower Upper
196 100
198 95.6 75.5 113.3
200 30.4 24.3 36.5

Manual Integrations
APPROVED

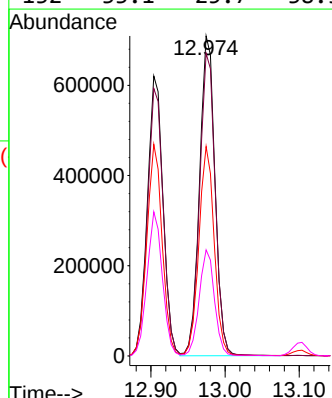
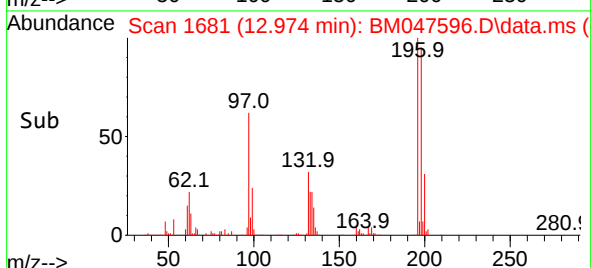
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

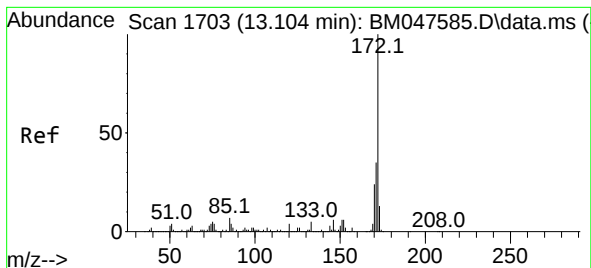


#44
2,4,5-Trichlorophenol
Concen: 40.482 ng
RT: 12.974 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



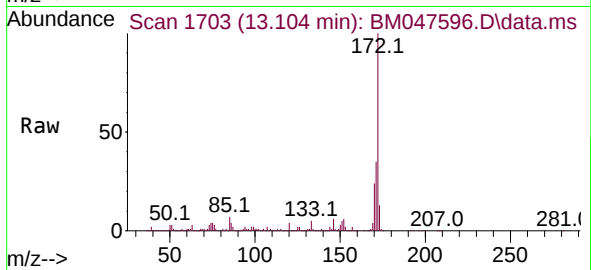
Tgt Ion:196 Resp: 1028619
Ion Ratio Lower Upper
196 100
198 94.5 75.5 113.3
97 65.4 53.5 80.3
132 33.1 25.7 38.5





#45
2-Fluorobiphenyl
Concen: 85.785 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

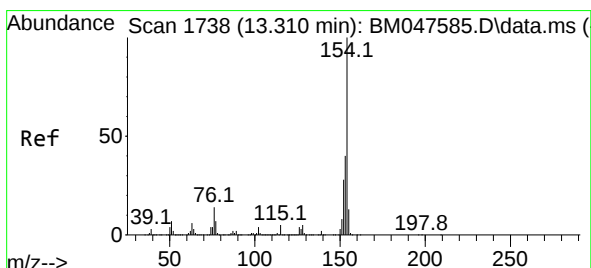
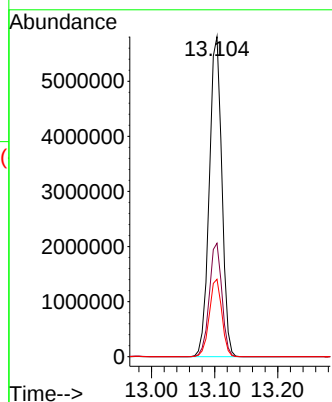
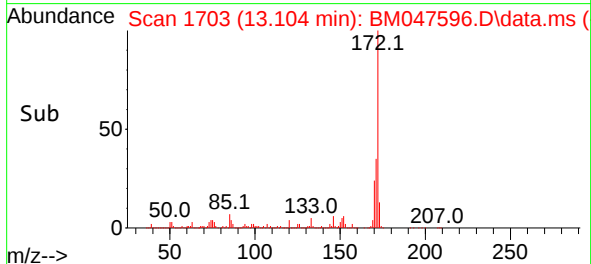
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:172 Resp: 7990924
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.2 19.0 28.6

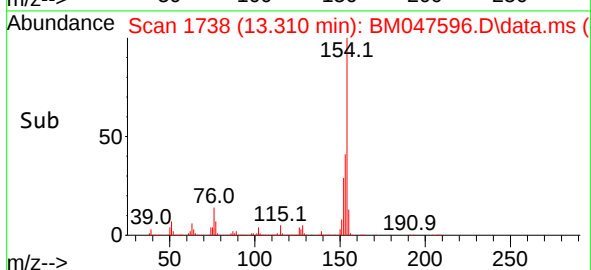
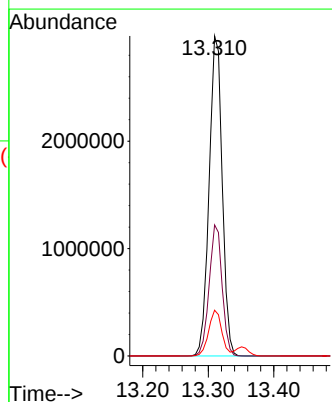
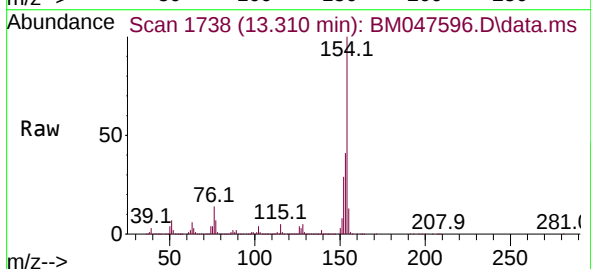
Manual Integrations
APPROVED

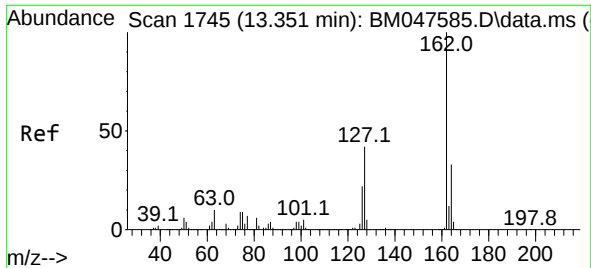
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#46
1,1'-Biphenyl
Concen: 40.645 ng
RT: 13.310 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

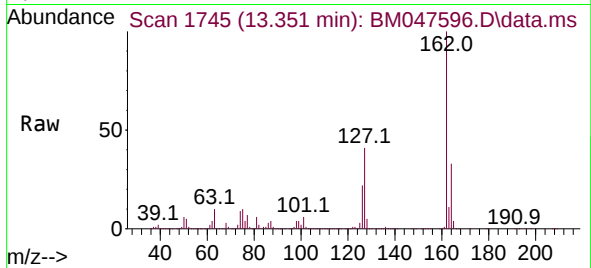
Tgt Ion:154 Resp: 4137224
Ion Ratio Lower Upper
154 100
153 41.0 19.9 59.9
76 14.3 0.0 34.5





#47
2-Chloronaphthalene
Concen: 40.234 ng
RT: 13.351 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

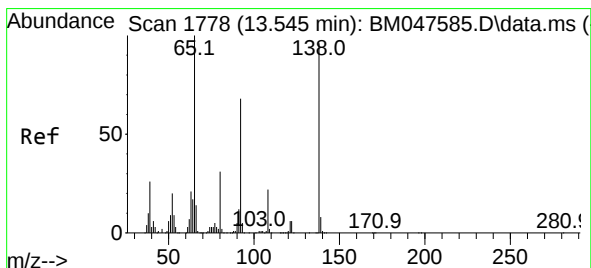
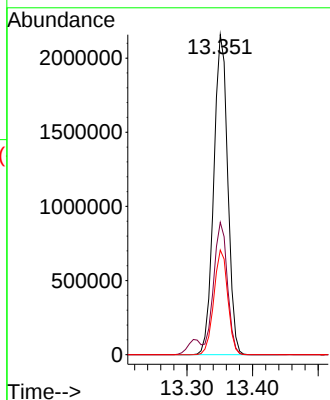
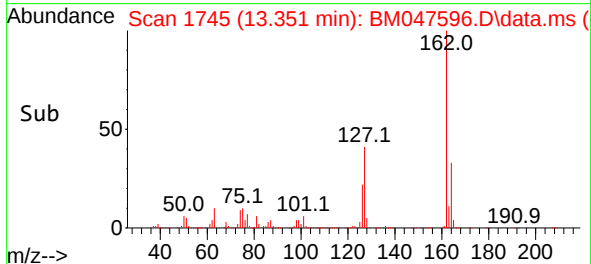
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



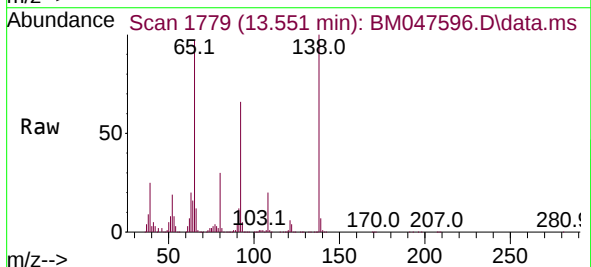
Tgt Ion:162 Resp: 3204480
Ion Ratio Lower Upper
162 100
127 41.4 33.8 50.6
164 32.7 26.2 39.4

Manual Integrations
APPROVED

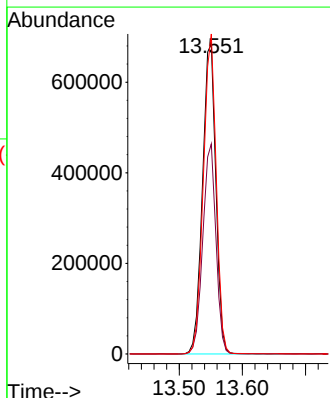
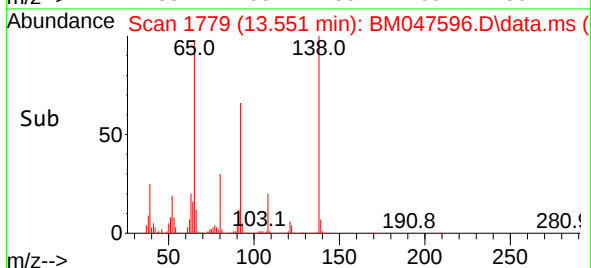
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

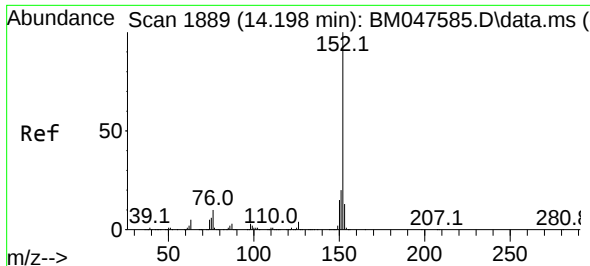


#48
2-Nitroaniline
Concen: 42.315 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



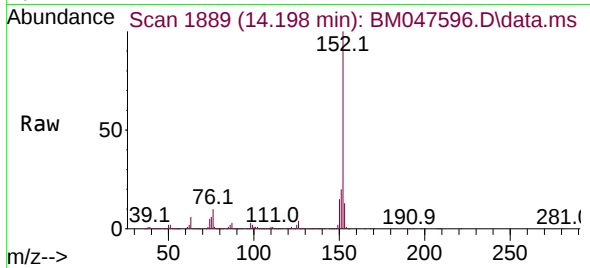
Tgt Ion: 65 Resp: 1006589
Ion Ratio Lower Upper
65 100
92 67.8 54.2 81.4
138 103.3 76.6 114.8





#49
Acenaphthylene
Concen: 40.433 ng
RT: 14.198 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

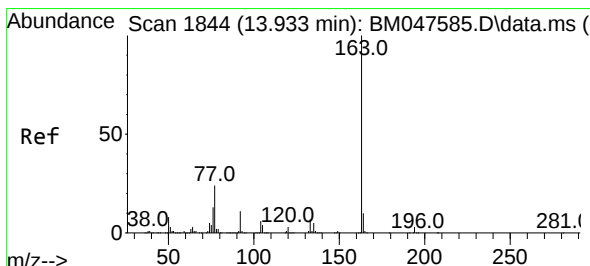
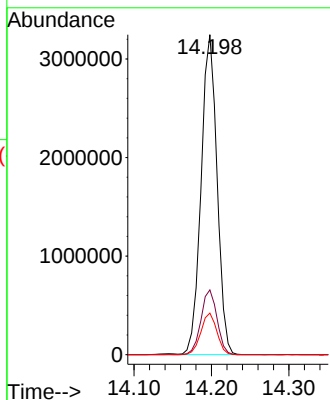
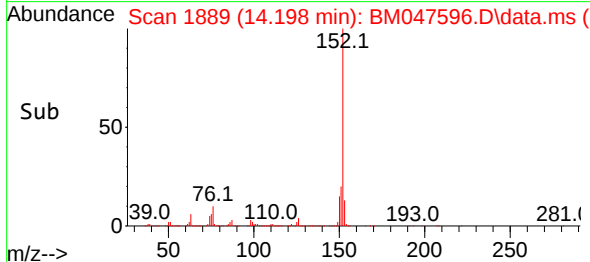
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



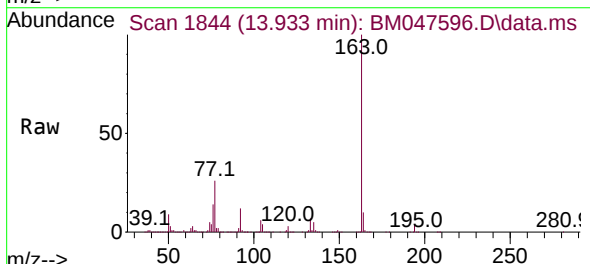
Tgt Ion:152 Resp: 4634319
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.4 15.6

Manual Integrations
APPROVED

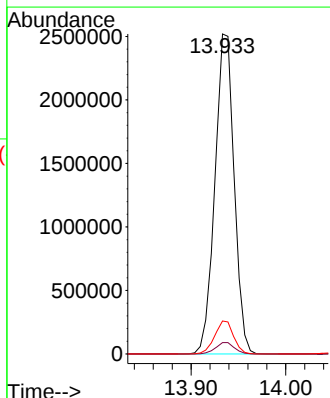
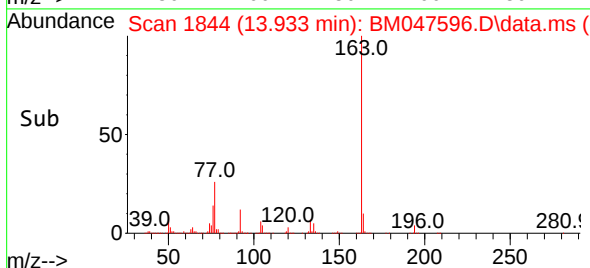
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

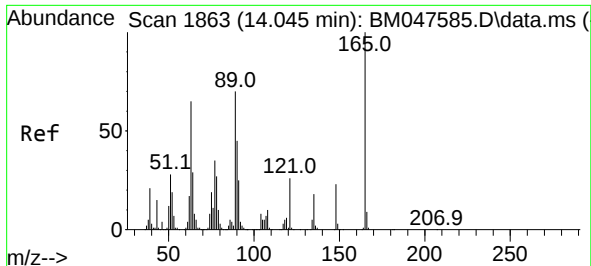


#50
Dimethylphthalate
Concen: 39.178 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



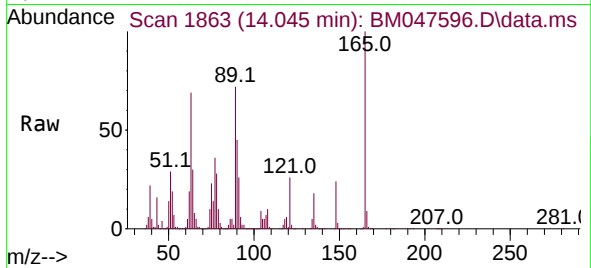
Tgt Ion:163 Resp: 3565429
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.325 ng
RT: 14.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

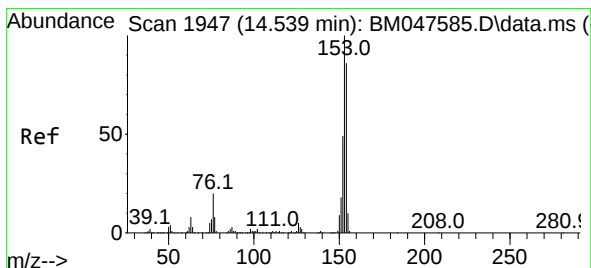
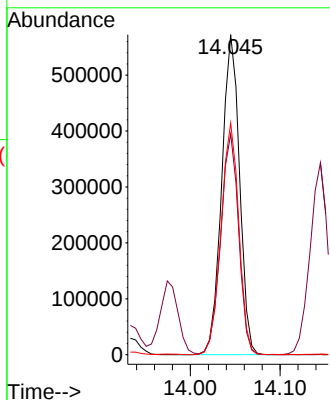
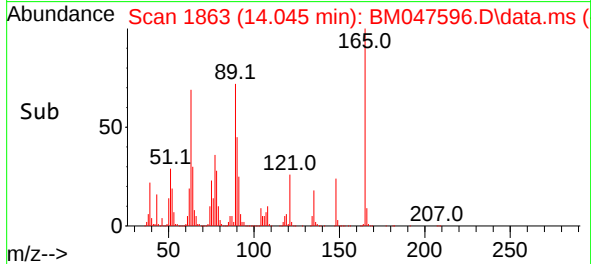
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



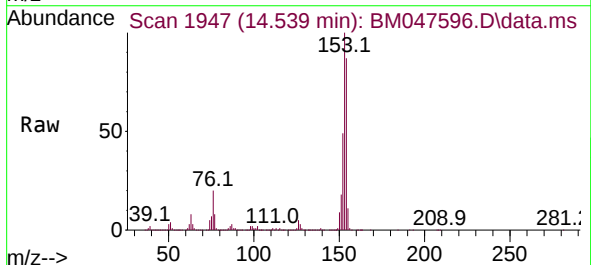
Tgt Ion:165 Resp: 78794
Ion Ratio Lower Upper
165 100
63 69.0 53.0 79.6
89 72.4 56.4 84.6

Manual Integrations
APPROVED

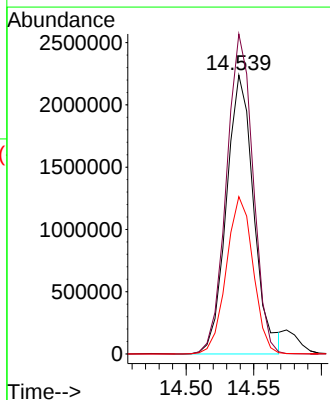
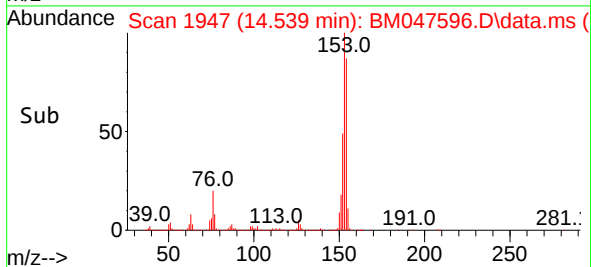
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

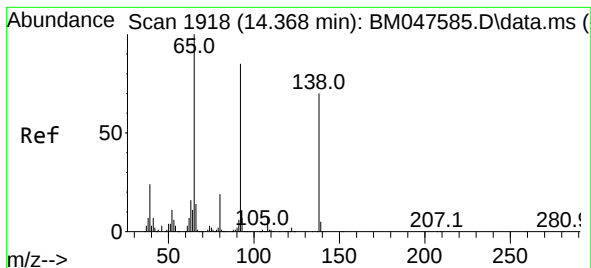


#52
Acenaphthene
Concen: 41.617 ng m
RT: 14.539 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



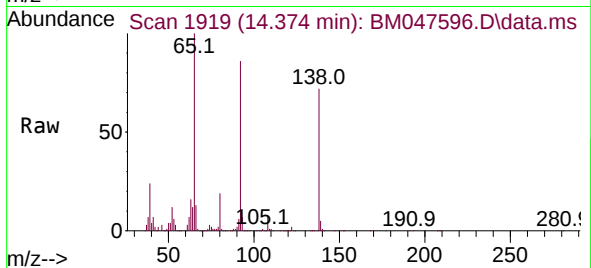
Tgt Ion:154 Resp: 3151223
Ion Ratio Lower Upper
154 100
153 114.7 92.8 139.2
152 56.4 45.7 68.5





#53
3-Nitroaniline
Concen: 41.058 ng
RT: 14.374 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

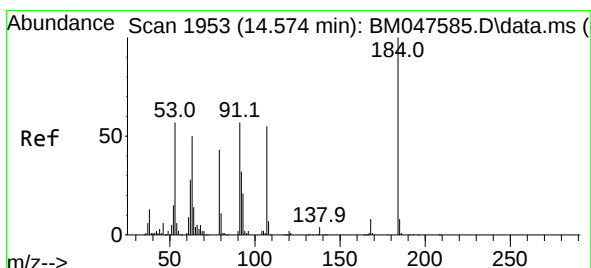
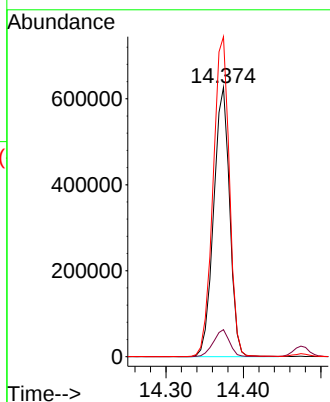
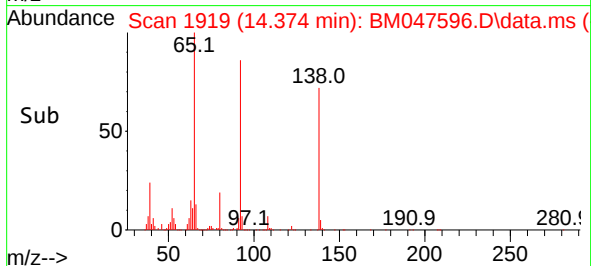
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



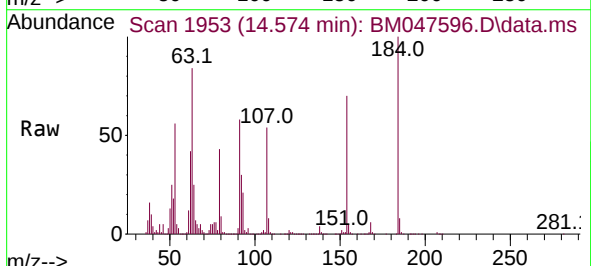
Tgt Ion:138 Resp: 897868
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 118.8 97.0 145.6

Manual Integrations
APPROVED

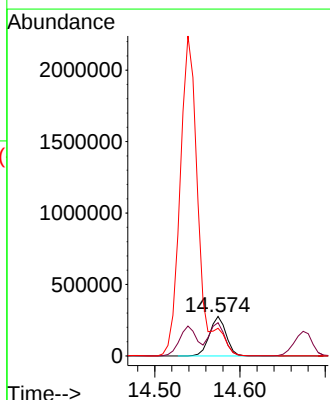
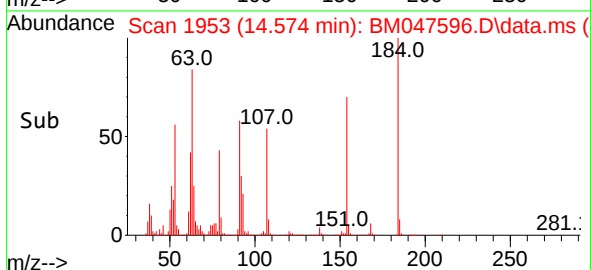
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

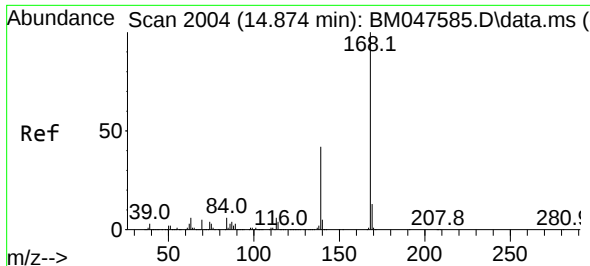


#54
2,4-Dinitrophenol
Concen: 43.234 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



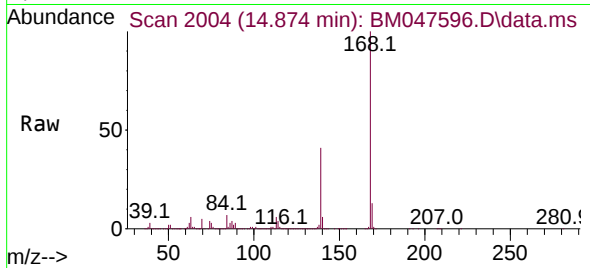
Tgt Ion:184 Resp: 373697
Ion Ratio Lower Upper
184 100
63 84.4 69.0 103.6
154 70.0 59.7 89.5





#55
Dibenzenofuran
Concen: 40.359 ng
RT: 14.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

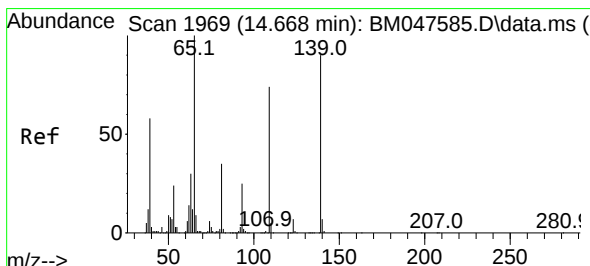
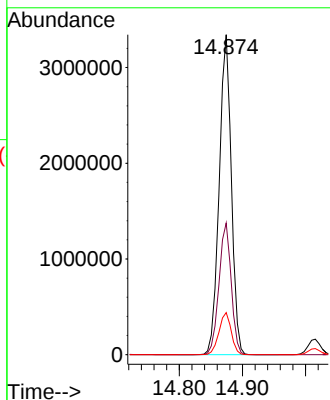
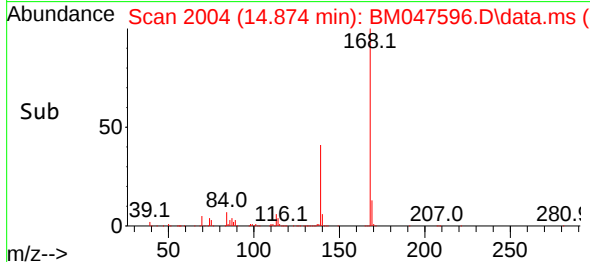
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



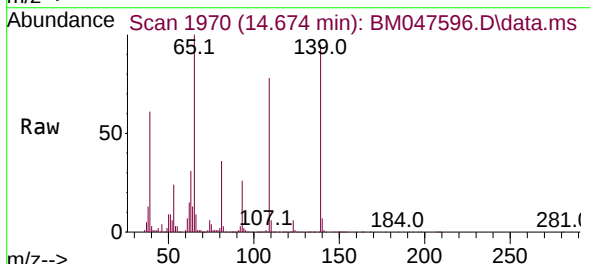
Tgt Ion:168 Resp: 446581
Ion Ratio Lower Upper
168 100
139 41.2 33.4 50.2
169 13.2 10.4 15.6

Manual Integrations
APPROVED

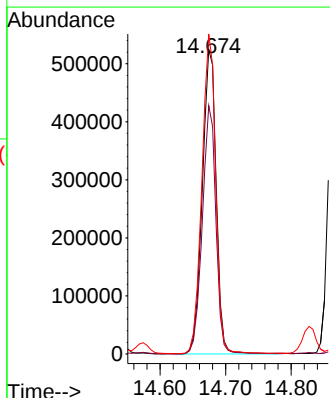
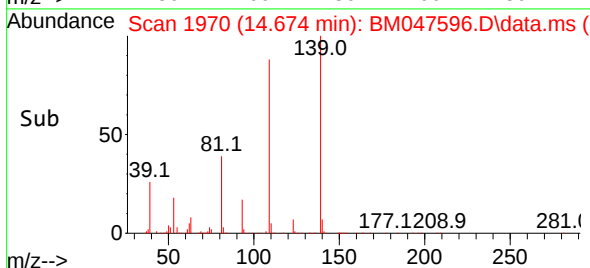
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

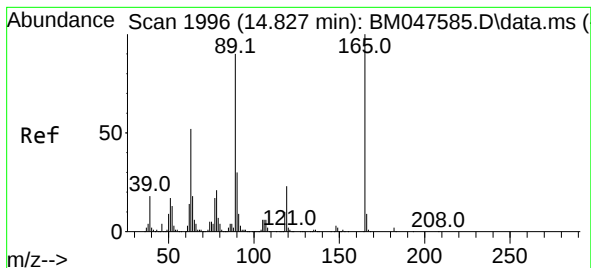


#56
4-Nitrophenol
Concen: 41.294 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



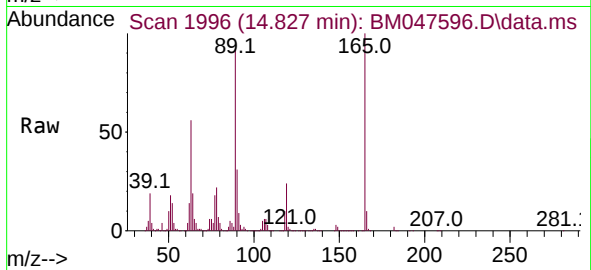
Tgt Ion:139 Resp: 773799
Ion Ratio Lower Upper
139 100
109 81.5 63.1 103.1
65 105.1 91.8 131.8





#57
2,4-Dinitrotoluene
Concen: 41.991 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

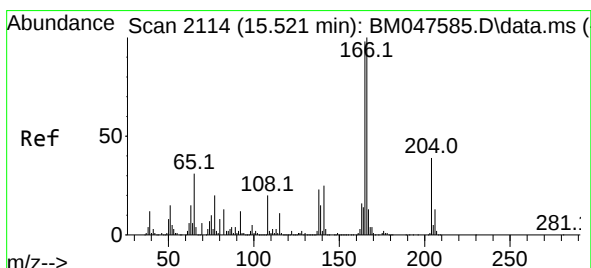
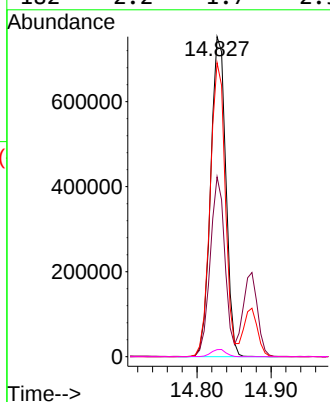
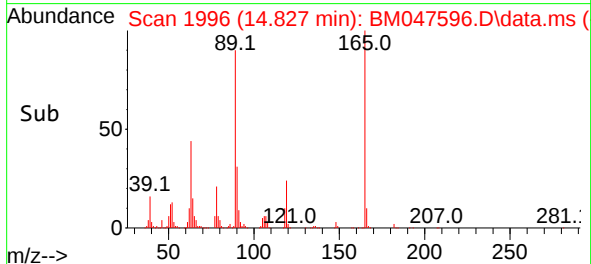
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



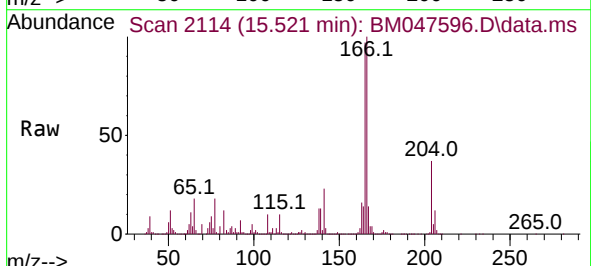
Tgt Ion:165 Resp: 106685
Ion Ratio Lower Upper
165 100
63 56.2 41.6 62.4
89 91.9 71.7 107.5
182 2.2 1.7 2.5

Manual Integrations
APPROVED

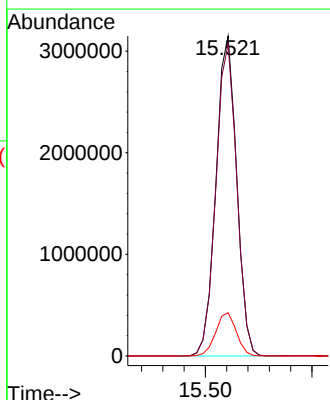
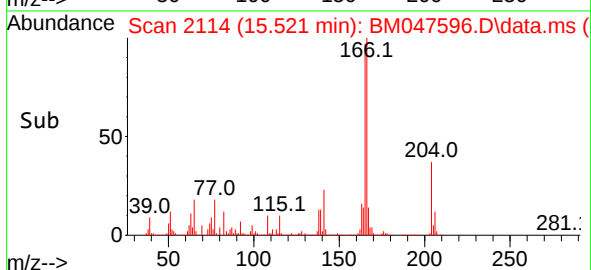
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

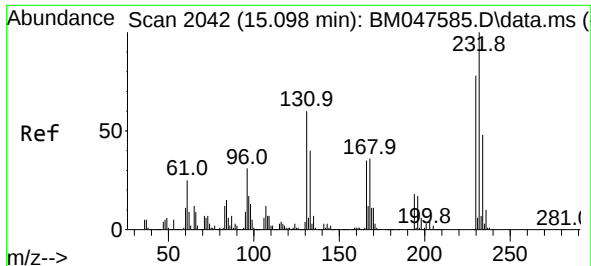


#58
Fluorene
Concen: 43.320 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



Tgt Ion:166 Resp: 4242375
Ion Ratio Lower Upper
166 100
165 97.4 78.4 117.6
167 13.6 10.5 15.7





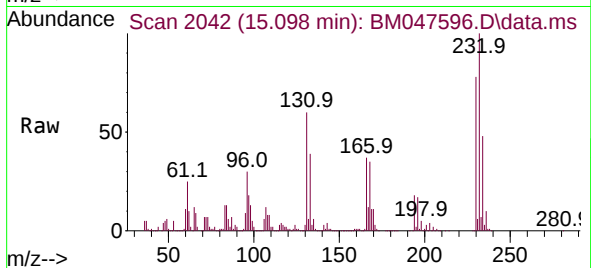
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.343 ng
RT: 15.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

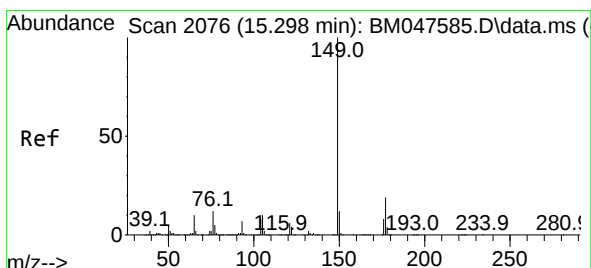
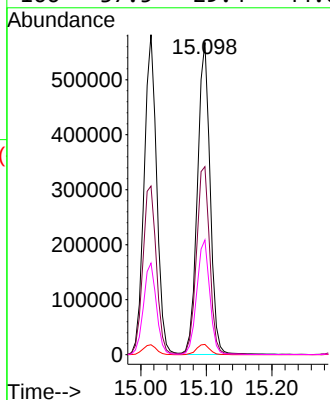
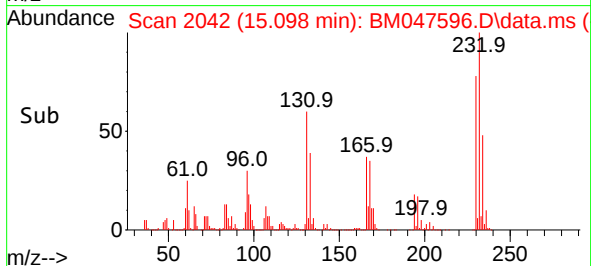


Tgt Ion:232 Resp: 764159
Ion Ratio Lower Upper
232 100
131 62.9 50.3 75.5
130 3.5 3.0 4.4
166 37.5 29.4 44.0

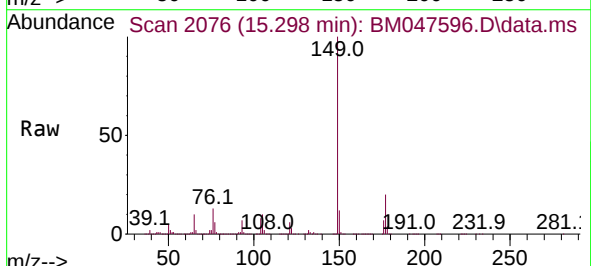
Manual Integrations

APPROVED

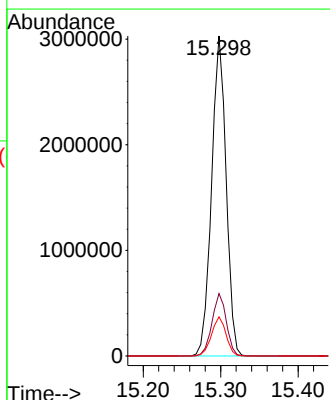
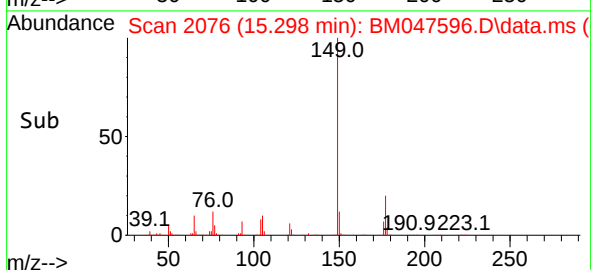
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

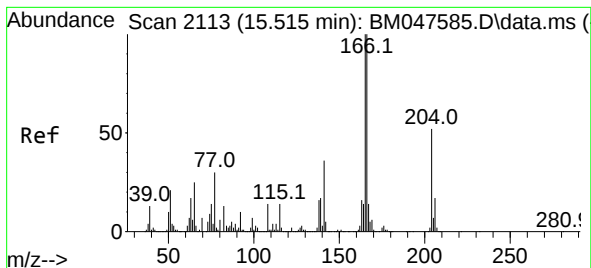


#60
Diethylphthalate
Concen: 40.740 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



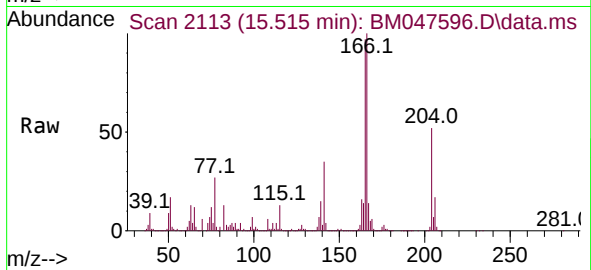
Tgt Ion:149 Resp: 3952618
Ion Ratio Lower Upper
149 100
177 19.5 15.4 23.0
150 12.2 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 43.569 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

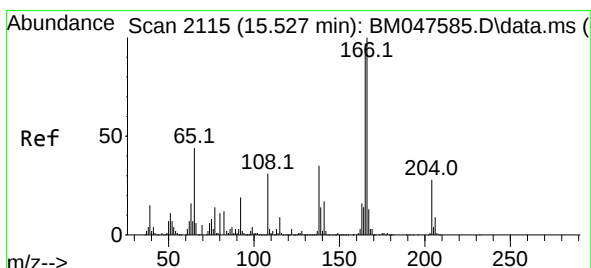
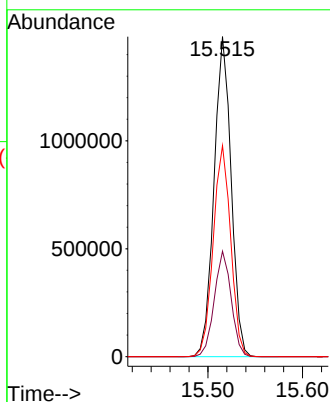
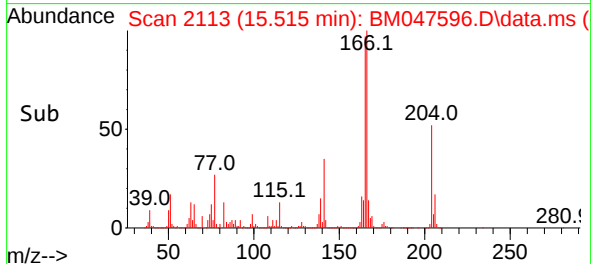
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



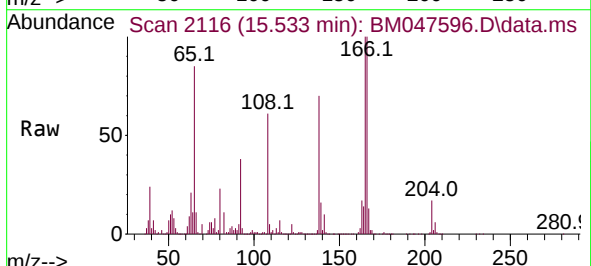
Tgt Ion:204 Resp: 186436
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 65.9 55.3 82.9

Manual Integrations
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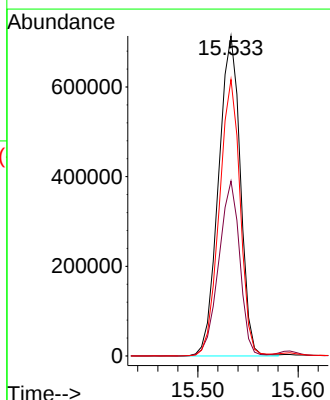
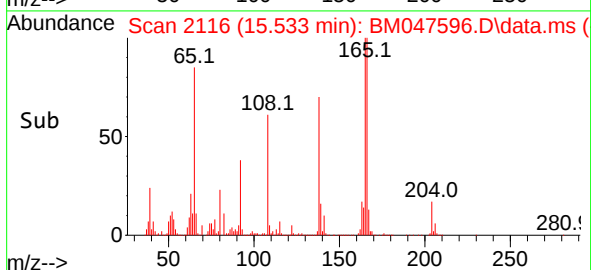
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

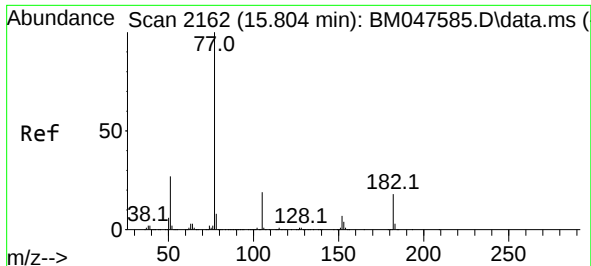


#62
4-Nitroaniline
Concen: 43.765 ng
RT: 15.533 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



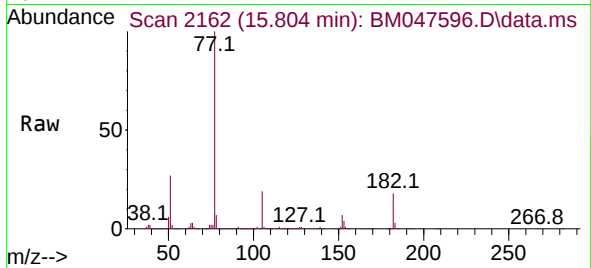
Tgt Ion:138 Resp: 1078358
Ion Ratio Lower Upper
138 100
92 54.7 33.3 73.3
108 86.4 66.2 106.2





#63
Azobenzene
Concen: 41.819 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

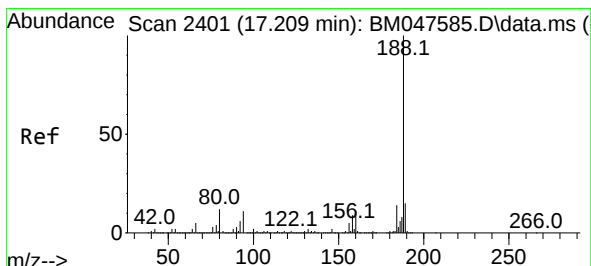
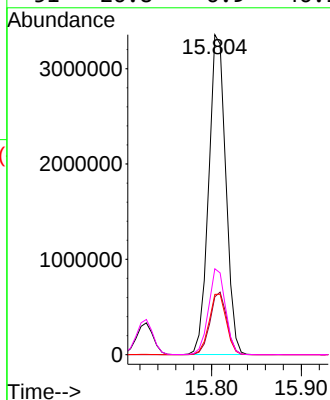
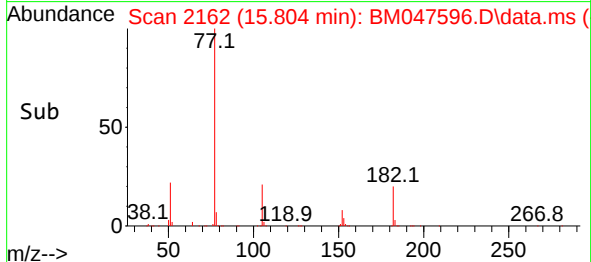
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



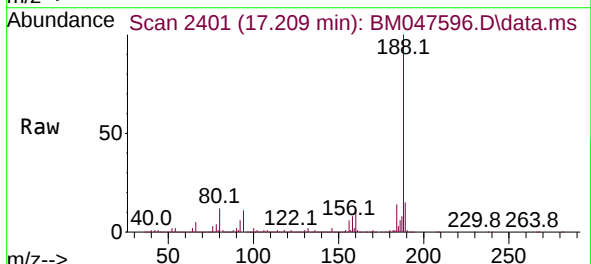
Tgt Ion: 77 Resp: 443566
Ion Ratio Lower Upper
77 100
182 18.1 0.0 38.2
105 18.8 0.0 38.8
51 26.8 6.9 46.9

Manual Integrations
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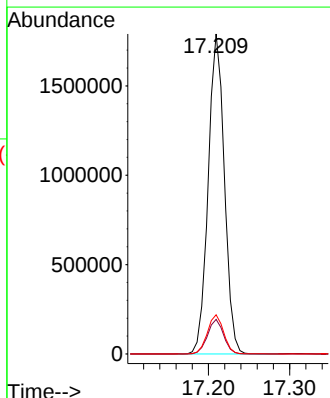
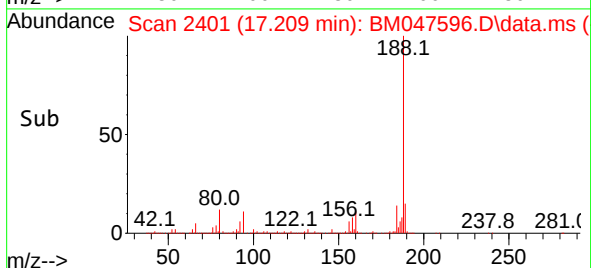
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

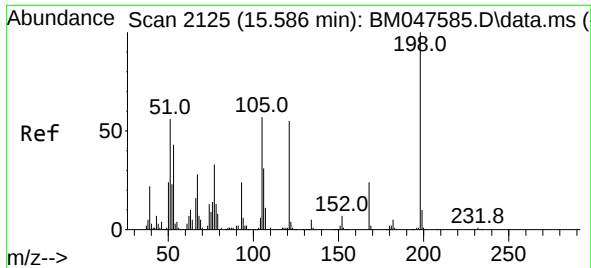


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



Tgt Ion:188 Resp: 2475002
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 12.3 9.9 14.9





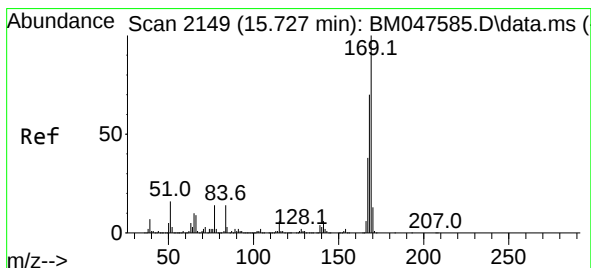
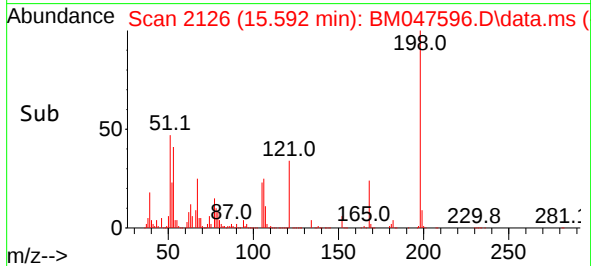
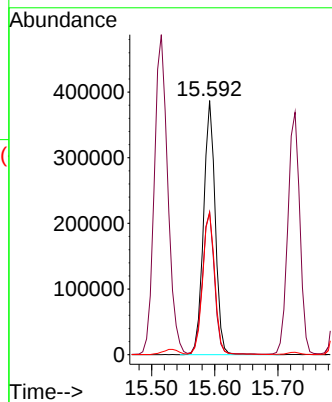
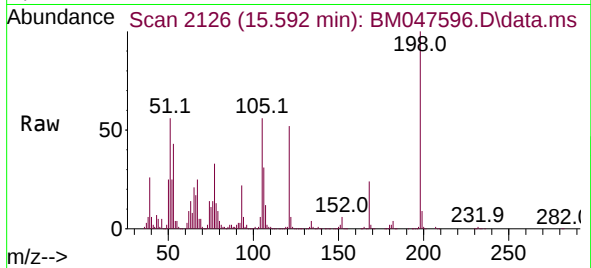
#65
4,6-Dinitro-2-methylphenol
Concen: 42.461 ng
RT: 15.592 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 497970
Ion Ratio Lower Upper
198 100
51 56.1 38.2 78.2
105 55.9 38.0 78.0

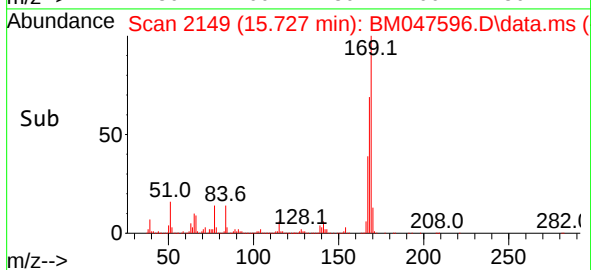
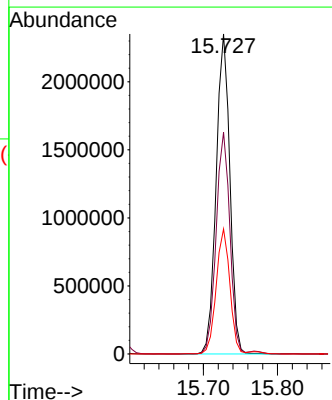
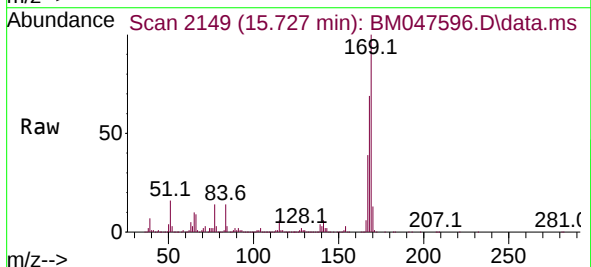
Manual Integrations
APPROVED

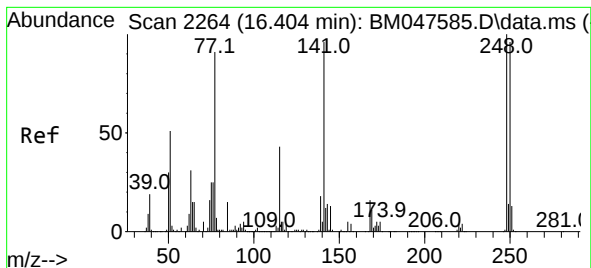
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 40.743 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

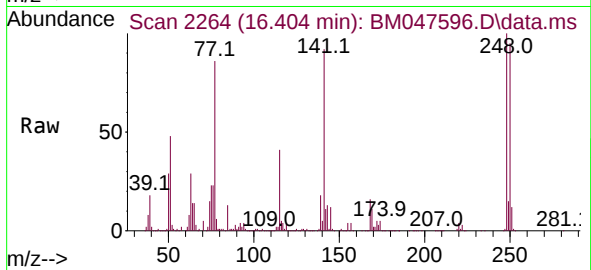
Tgt Ion:169 Resp: 3011787
Ion Ratio Lower Upper
169 100
168 69.3 55.8 83.8
167 39.1 30.7 46.1





#67
4-Bromophenyl-phenylether
Concen: 41.837 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

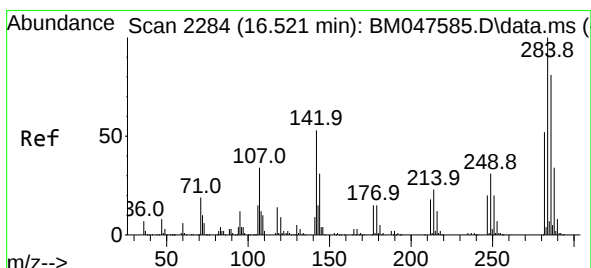
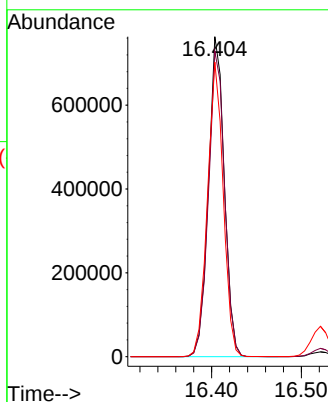
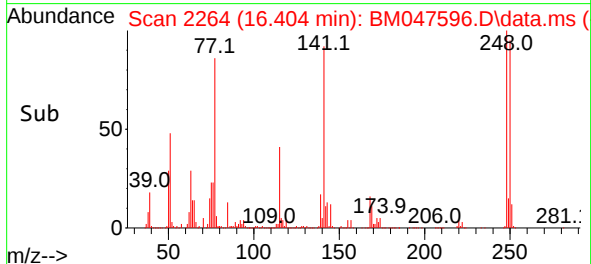
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



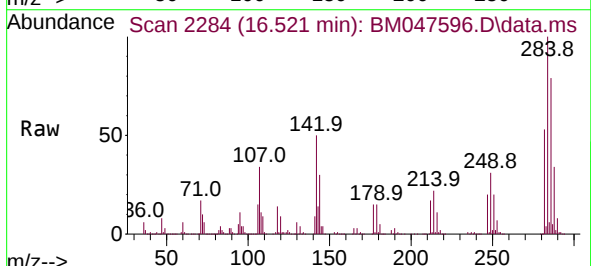
Tgt Ion:248 Resp: 94062
Ion Ratio Lower Upper
248 100
250 95.4 76.7 115.1
141 92.0 76.7 115.1

Manual Integrations
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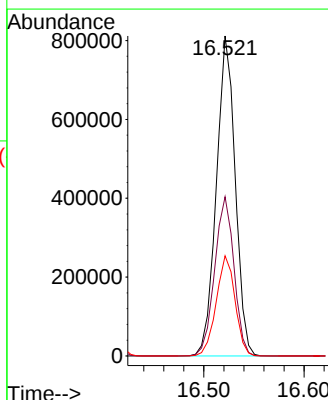
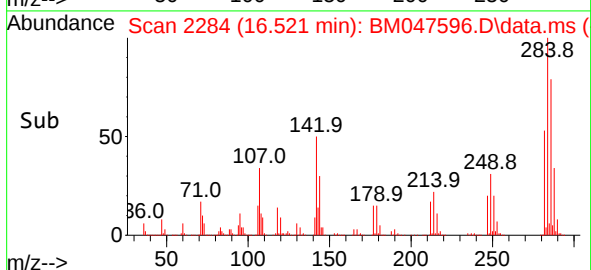
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

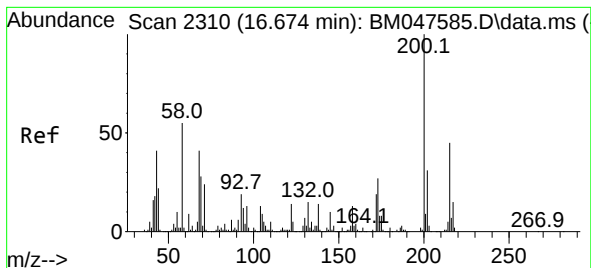


#68
Hexachlorobenzene
Concen: 40.280 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39



Tgt Ion:284 Resp: 1058710
Ion Ratio Lower Upper
284 100
142 49.8 42.5 63.7
249 31.3 25.0 37.6





#69

Atrazine

Concen: 20.741 ng

RT: 16.674 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047596.D

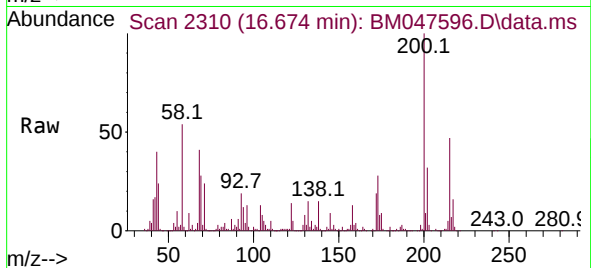
Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

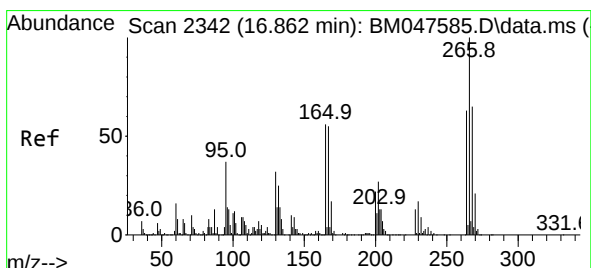
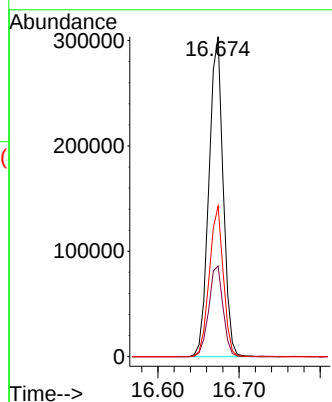
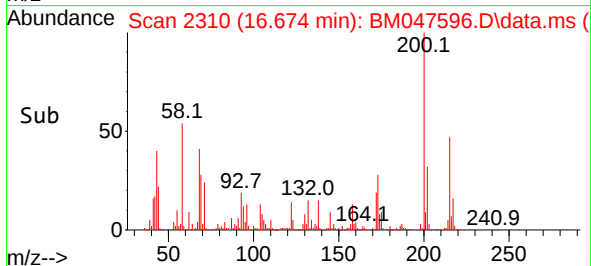


Tgt Ion:	200	Resp:	369099
Ion Ratio	Lower	Upper	
200	100		
173	28.3	7.4	47.4
215	47.1	24.5	64.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#70

Pentachlorophenol

Concen: 41.351 ng

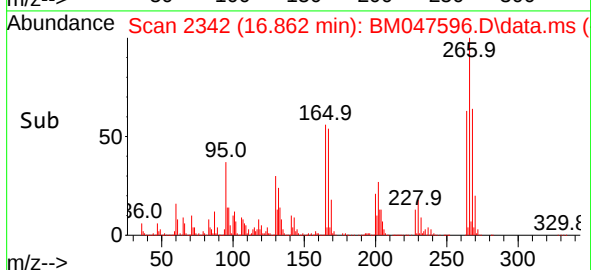
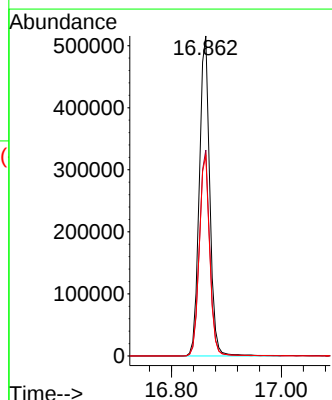
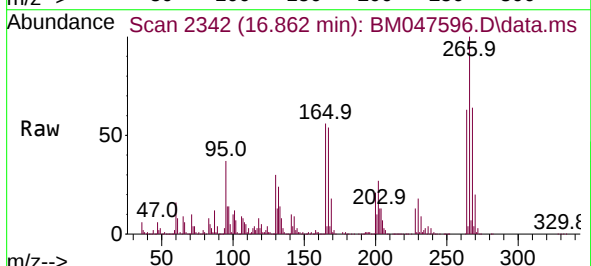
RT: 16.862 min Scan# 2342

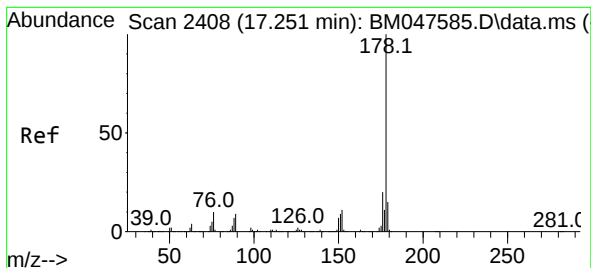
Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

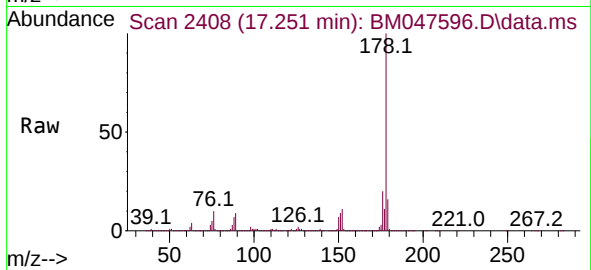
Tgt Ion:	266	Resp:	682162
Ion Ratio	Lower	Upper	
266	100		
268	64.3	52.2	78.4
264	62.7	50.0	75.0





#71
Phenanthrene
Concen: 41.086 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

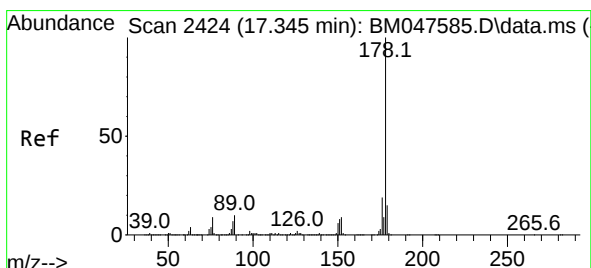
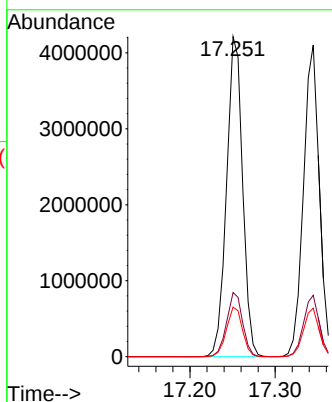
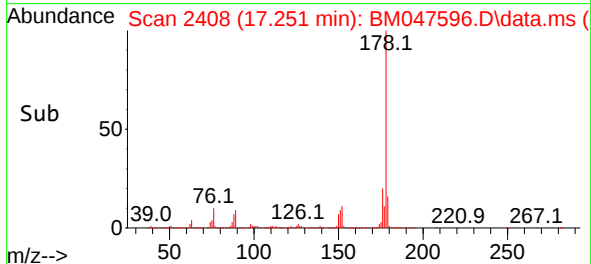
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 5519788
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.5 12.2 18.2

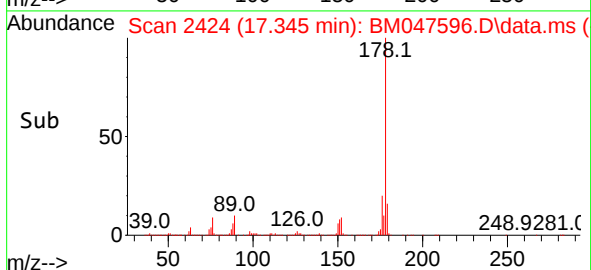
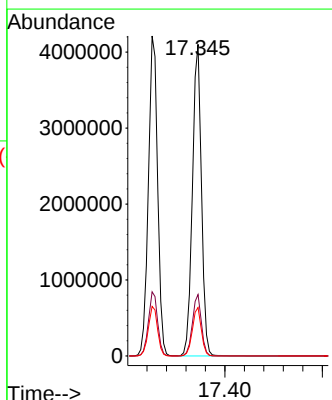
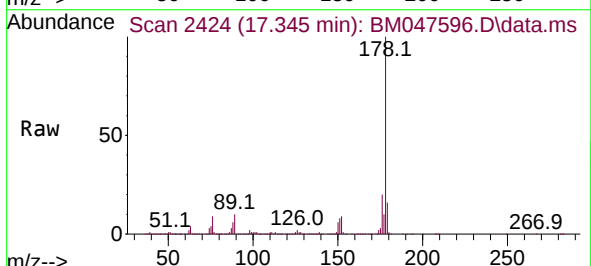
Manual Integrations
APPROVED

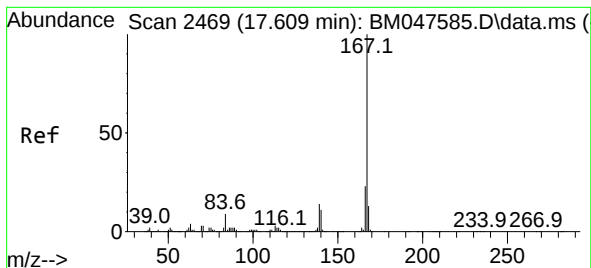
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#72
Anthracene
Concen: 41.762 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Tgt Ion:178 Resp: 5315744
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.6 12.2 18.2





#73

Carbazole

Concen: 40.876 ng

RT: 17.609 min Scan# 2469

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:167 Resp: 5421589

Ion Ratio Lower Upper

167 100

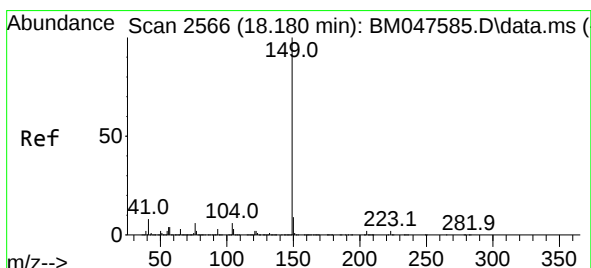
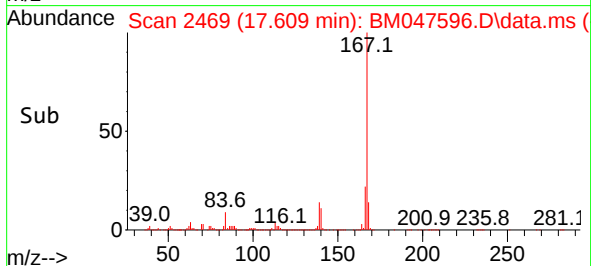
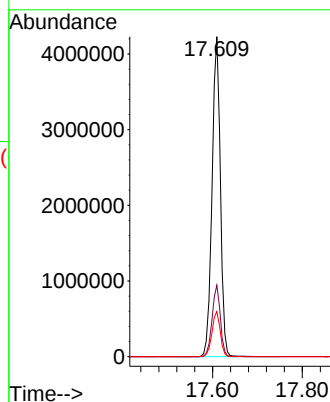
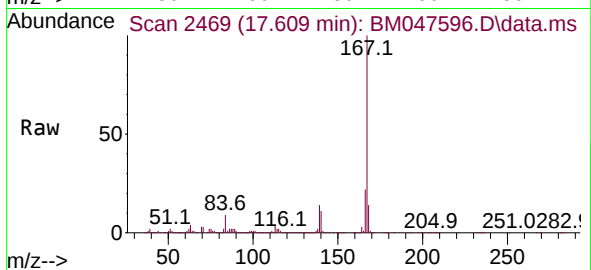
166 22.4 18.0 27.0

139 14.1 11.3 16.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#74

Di-n-butylphthalate

Concen: 43.749 ng

RT: 18.180 min Scan# 2566

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

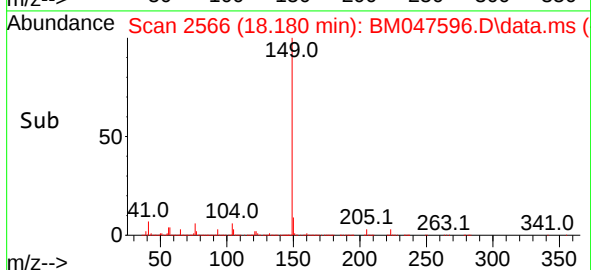
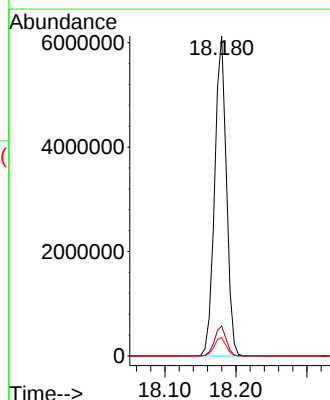
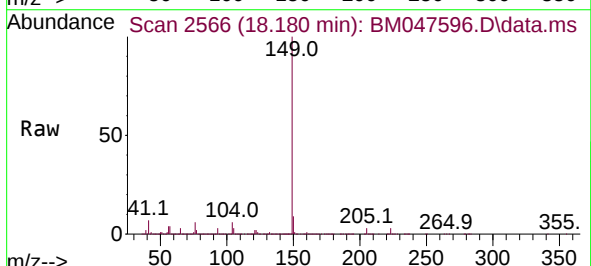
Tgt Ion:149 Resp: 7018412

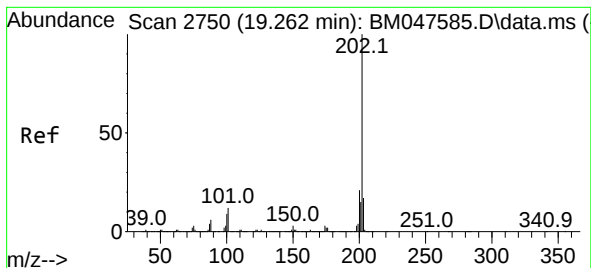
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

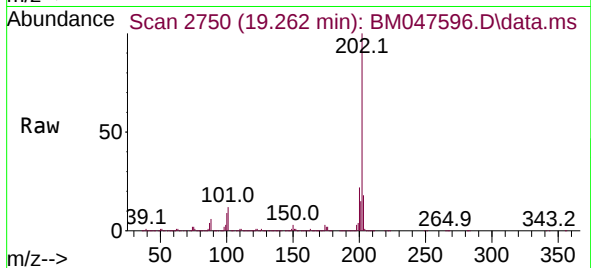
104 5.8 4.7 7.1





#75
Fluoranthene
Concen: 42.735 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

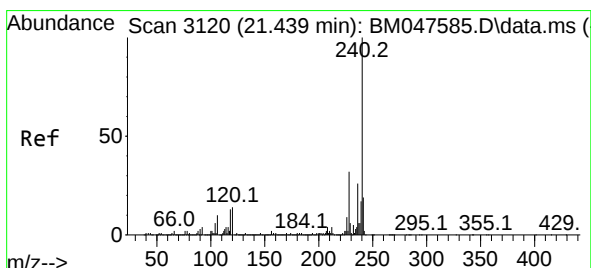
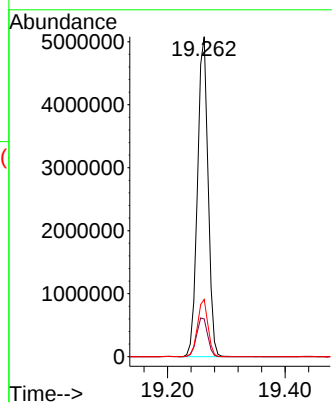
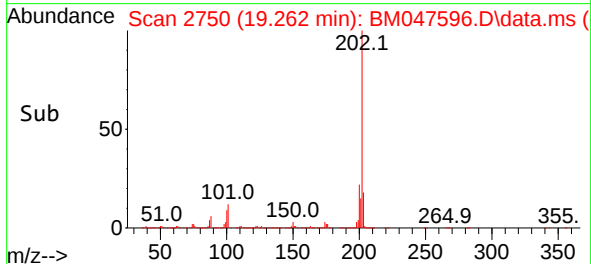
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 631994
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.2
203 17.9 0.0 37.4

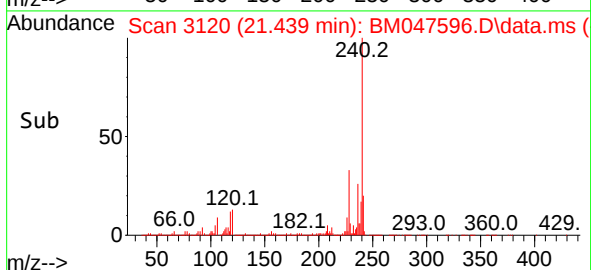
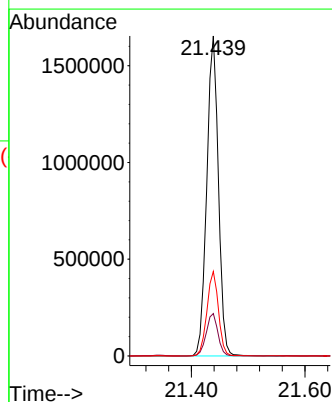
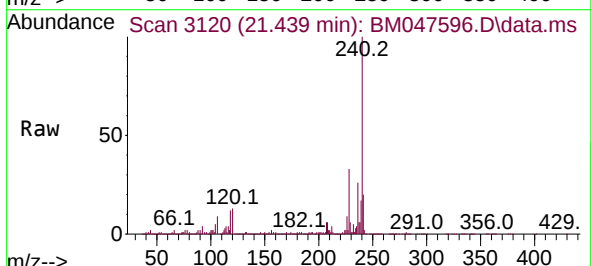
Manual Integrations
APPROVED

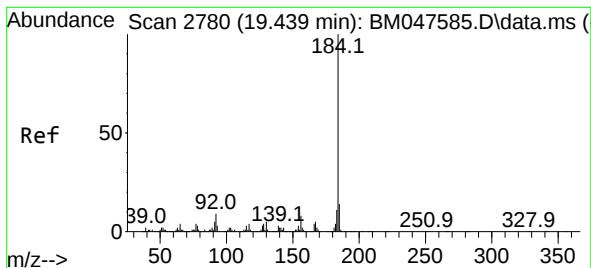
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Tgt Ion:240 Resp: 2335088
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 26.4 20.8 31.2





#77

Benzidine

Concen: 24.163 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

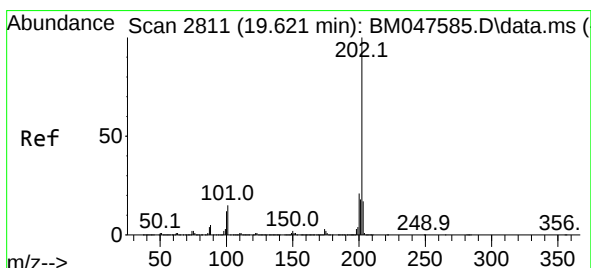
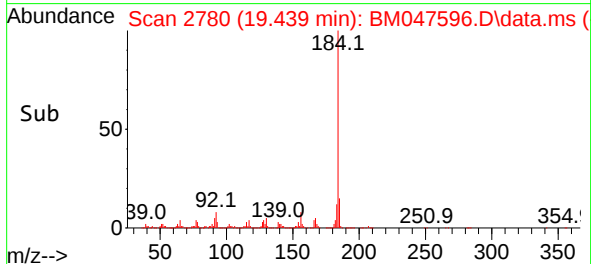
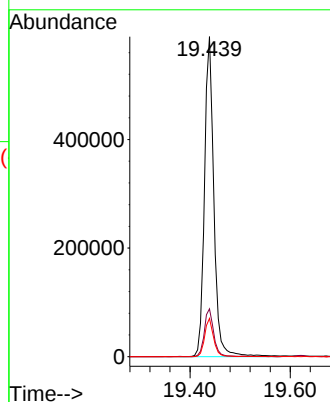
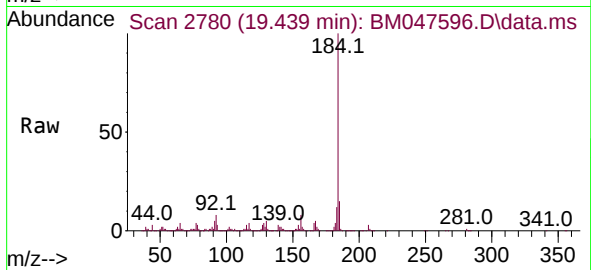
SSTDCCC040EC

Tgt Ion:184 Resp: 768380
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.5 17.3
 183 12.0 8.7 13.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/23/2024
 Supervised By :mohammad ahmed 09/24/2024



#78

Pyrene

Concen: 40.773 ng

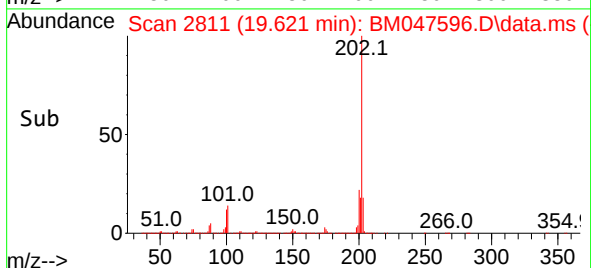
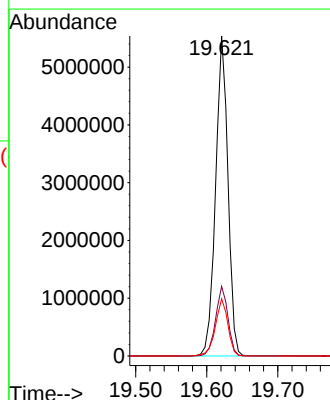
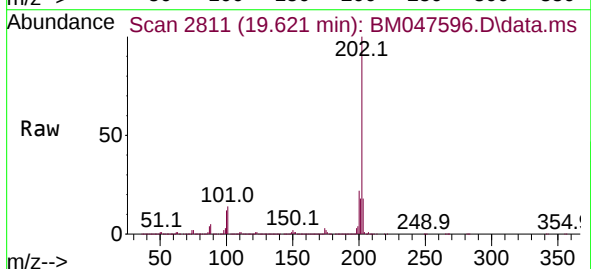
RT: 19.621 min Scan# 2811

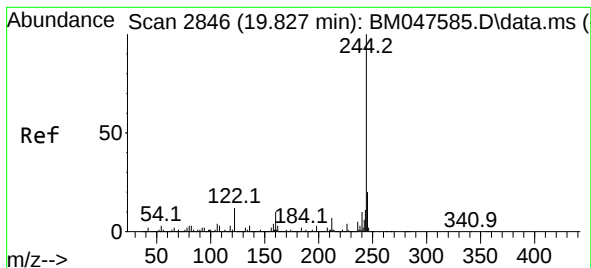
Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Tgt Ion:202 Resp: 6663758
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.2 25.8
 203 17.9 13.8 20.8





#79

Terphenyl-d14

Concen: 81.945 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:244 Resp:10664470

Ion Ratio Lower Upper

244 100

212 9.4 6.0 9.0

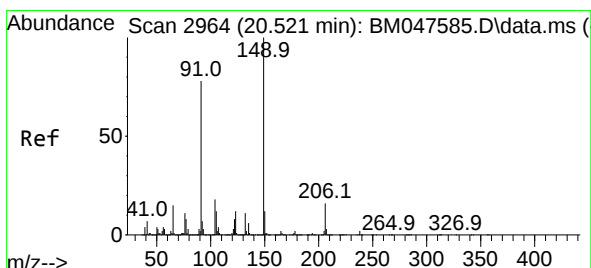
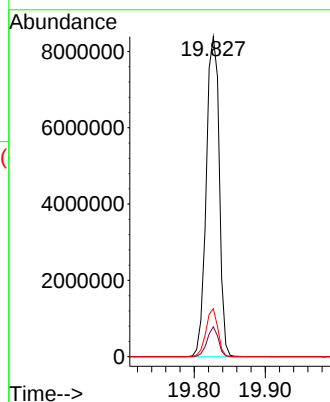
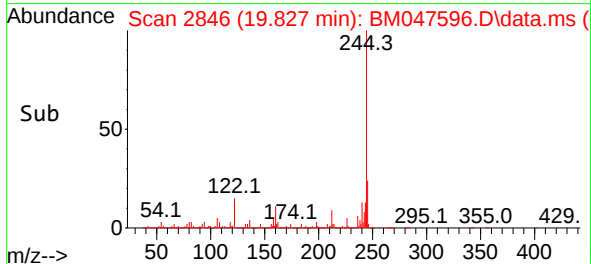
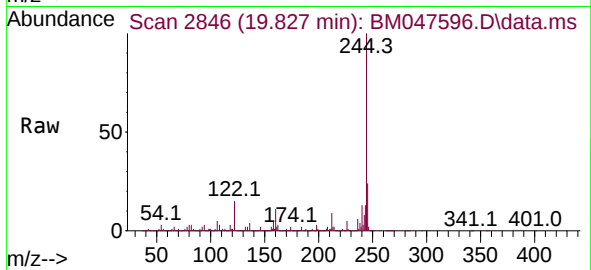
122 15.0 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024

Supervised By :mohammad ahmed 09/24/2024



#80

Butylbenzylphthalate

Concen: 43.402 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.006 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

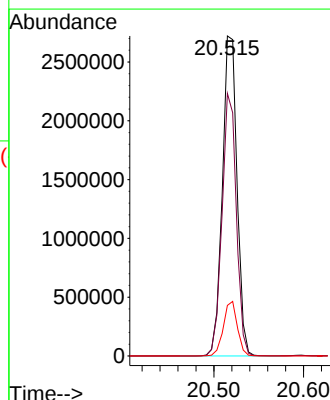
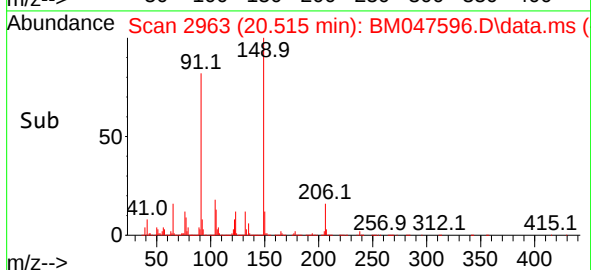
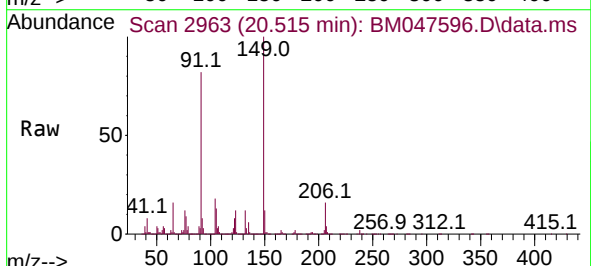
Tgt Ion:149 Resp: 3088061

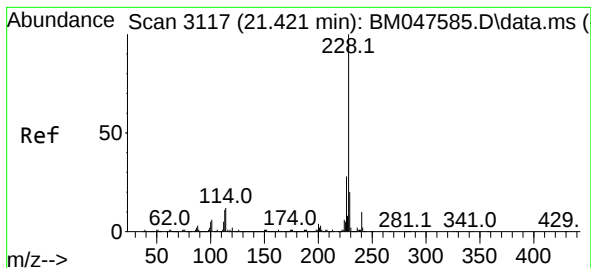
Ion Ratio Lower Upper

149 100

91 82.1 62.3 93.5

206 15.8 13.0 19.6





#81

Benzo(a)anthracene

Concen: 40.848 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM047596.D

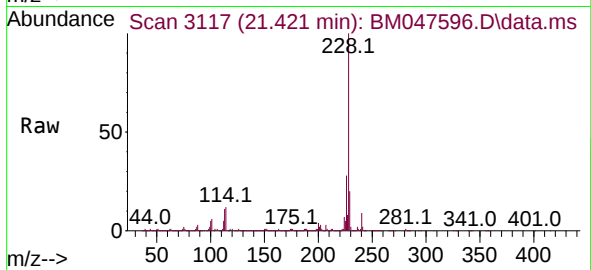
Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:228 Resp: 6271770

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

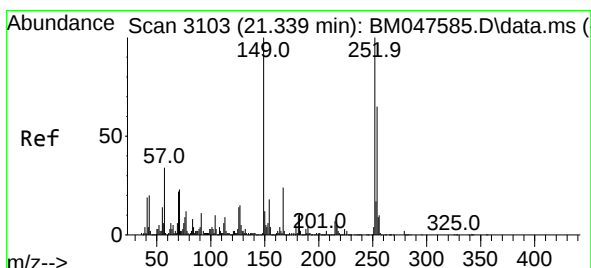
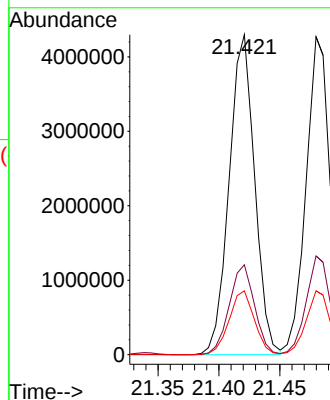
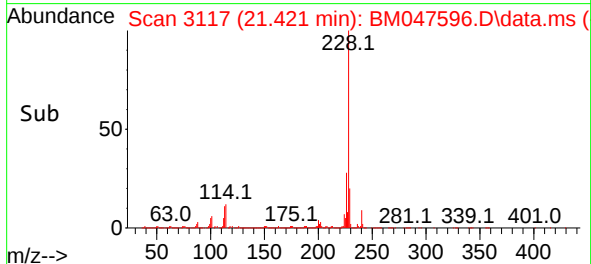
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024

Supervised By :mohammad ahmed 09/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.209 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

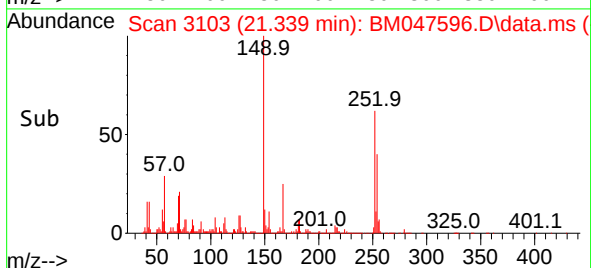
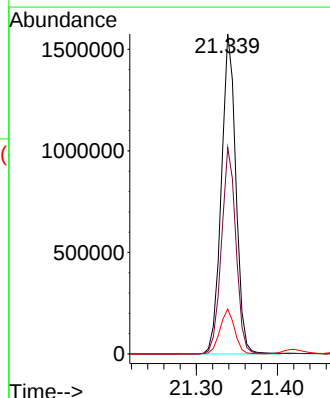
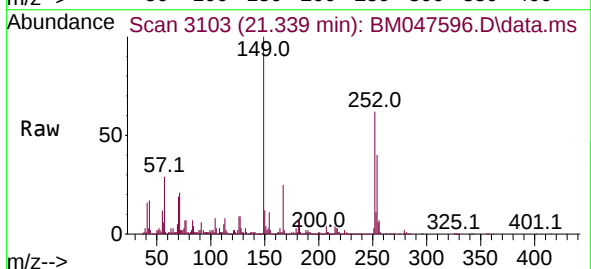
Tgt Ion:252 Resp: 1964932

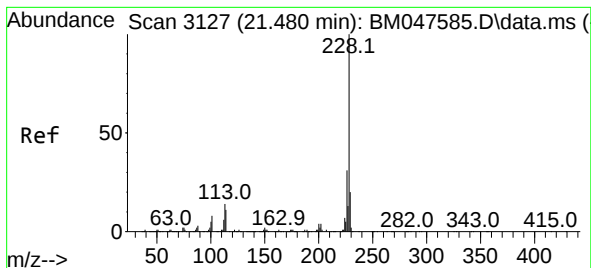
Ion Ratio Lower Upper

252 100

254 64.6 52.3 78.5

126 14.1 11.4 17.0





#83

Chrysene

Concen: 40.029 ng

RT: 21.480 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 584484

Ion Ratio Lower Upper

228 100

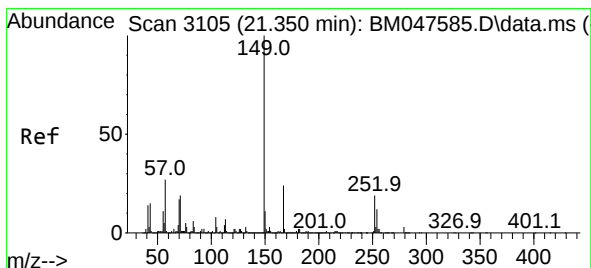
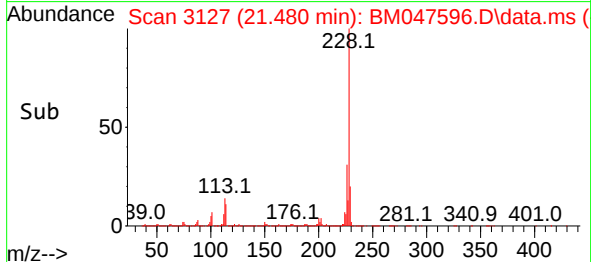
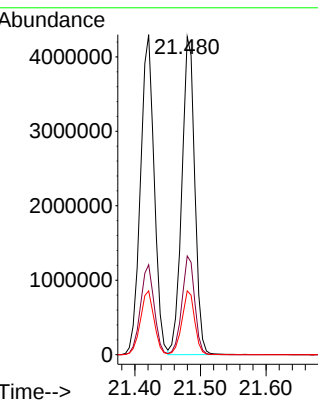
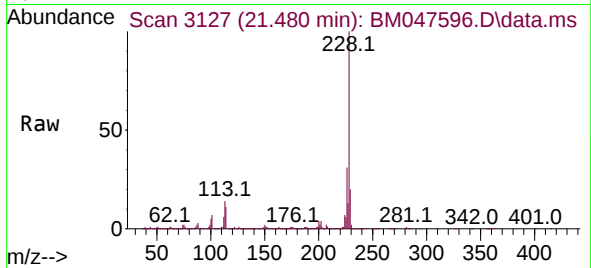
226 31.0 24.9 37.3

229 20.1 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.274 ng

RT: 21.344 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

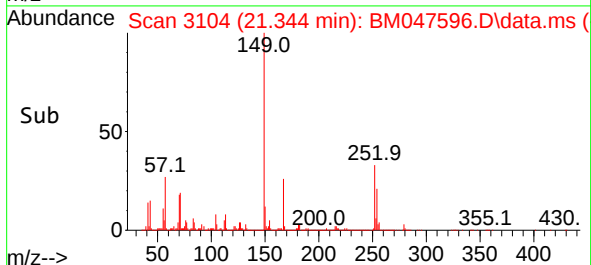
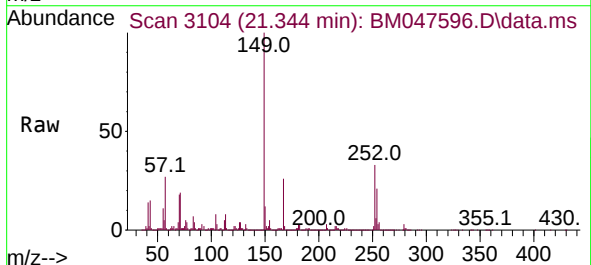
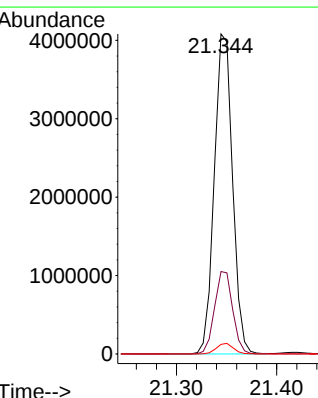
Tgt Ion:149 Resp: 5152363

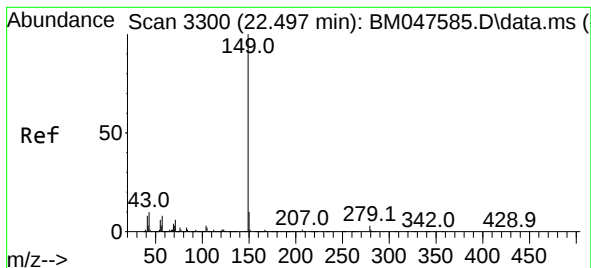
Ion Ratio Lower Upper

149 100

167 25.8 19.5 29.3

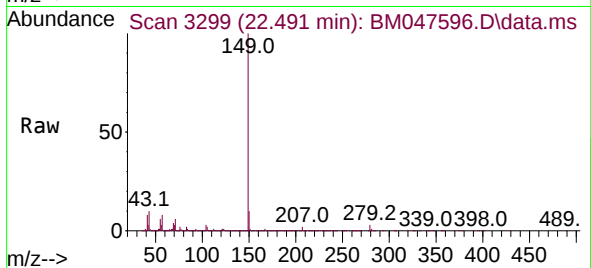
279 3.0 2.3 3.5





#85
Di-n-octyl phthalate
Concen: 44.170 ng
RT: 22.491 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

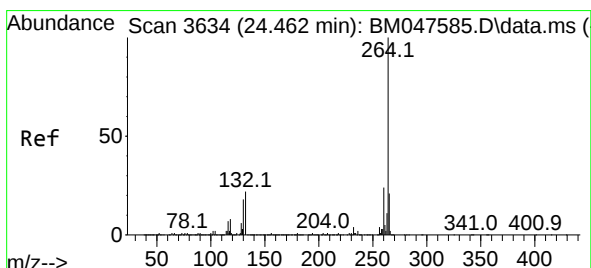
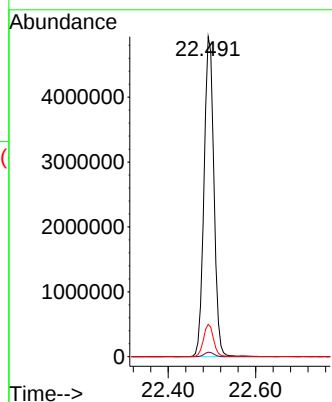
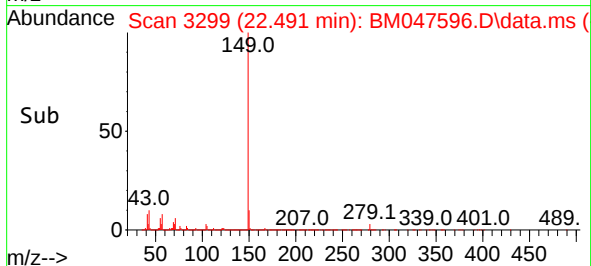
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:149 Resp: 7756804
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.3 8.2 12.2

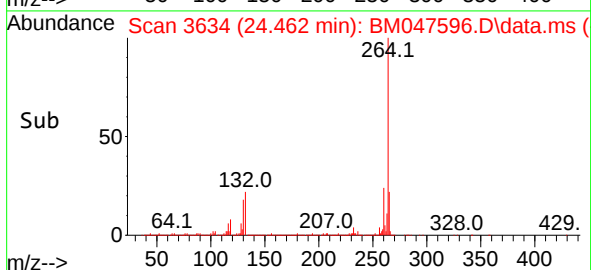
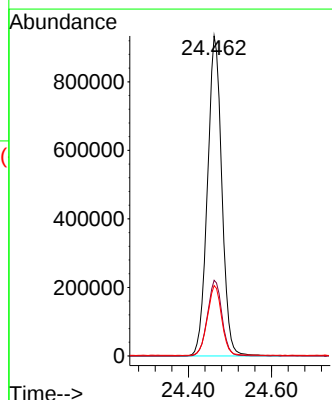
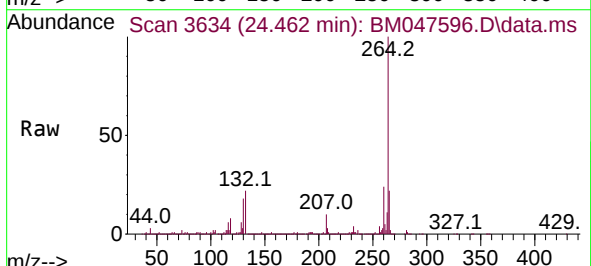
Manual Integrations
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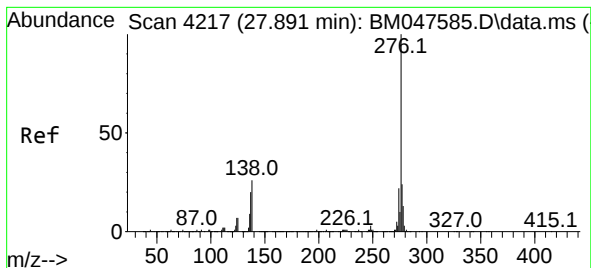
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3634
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Tgt Ion:264 Resp: 2240081
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.446 ng

RT: 27.891 min Scan# 4217

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 6230180

Ion Ratio Lower Upper

276 100

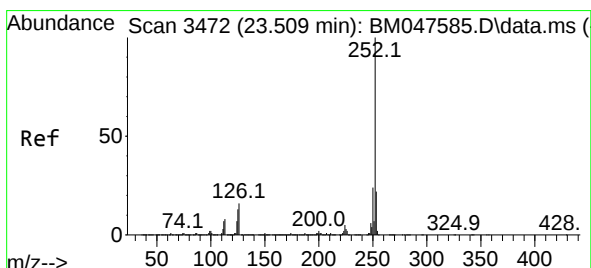
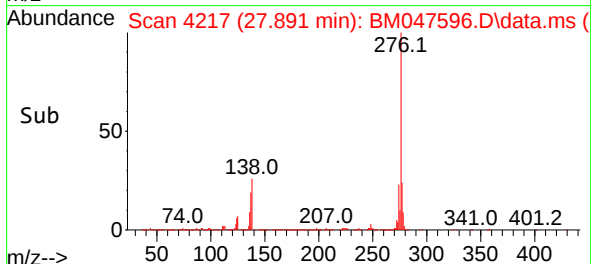
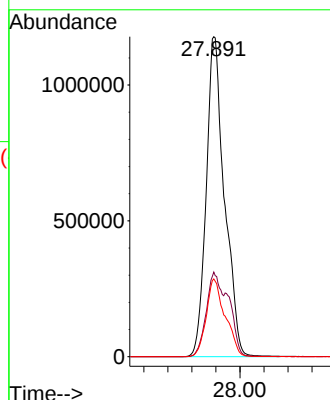
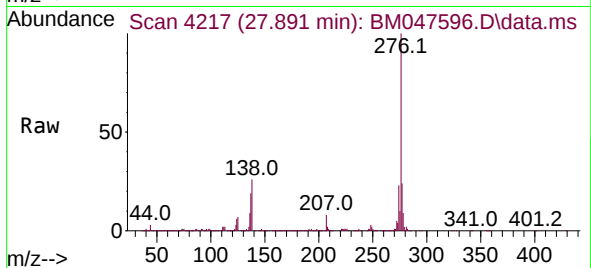
138 22.1 18.1 27.1

277 25.2 20.0 30.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#88

Benzo(b)fluoranthene

Concen: 41.530 ng

RT: 23.509 min Scan# 3472

Delta R.T. -0.000 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

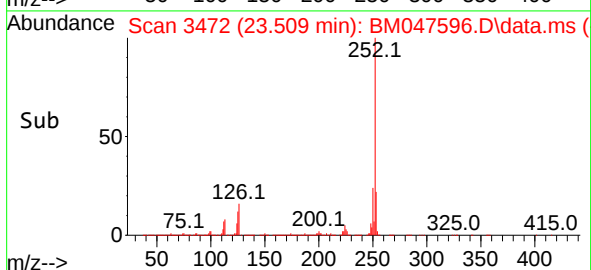
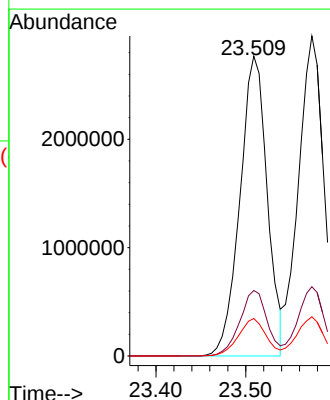
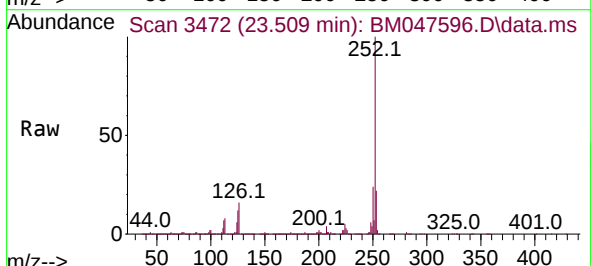
Tgt Ion:252 Resp: 5847000

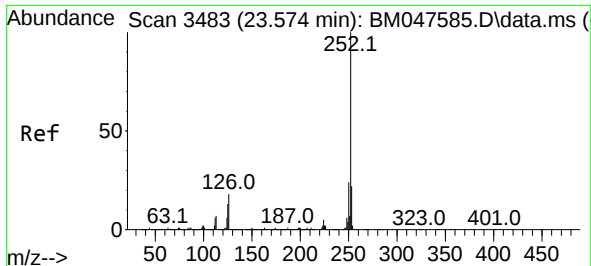
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 12.5 10.2 15.2





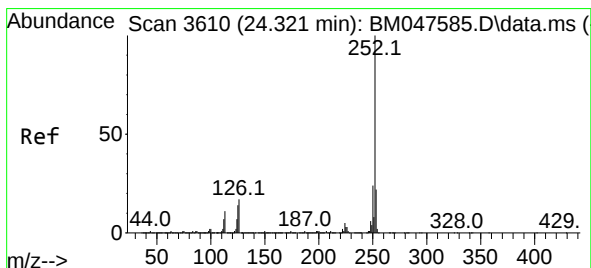
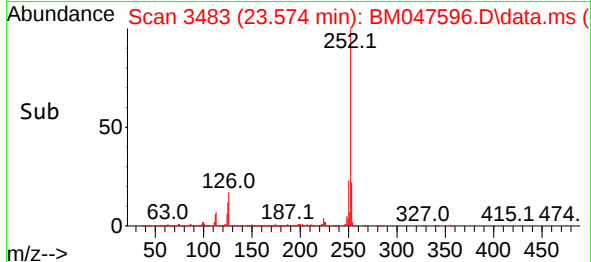
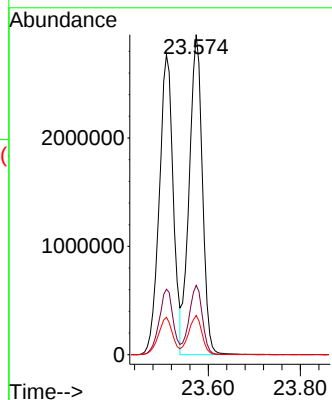
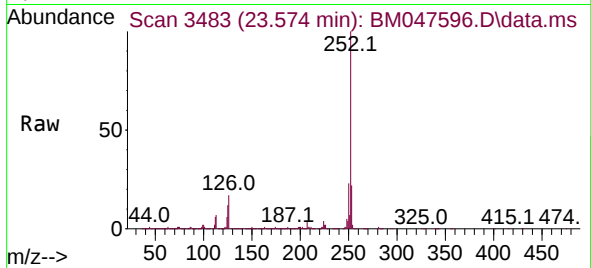
#89
Benzo(k)fluoranthene
Concen: 42.159 ng
RT: 23.574 min Scan# 3483
Delta R.T. -0.000 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 582667
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.2 10.2 15.4

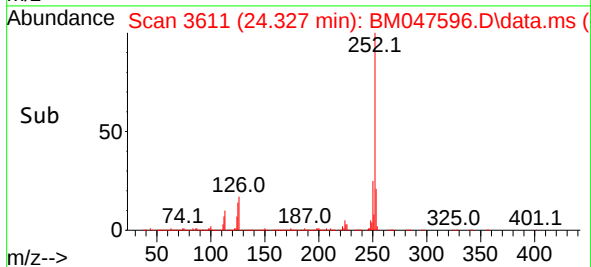
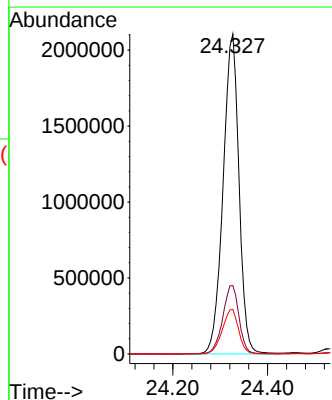
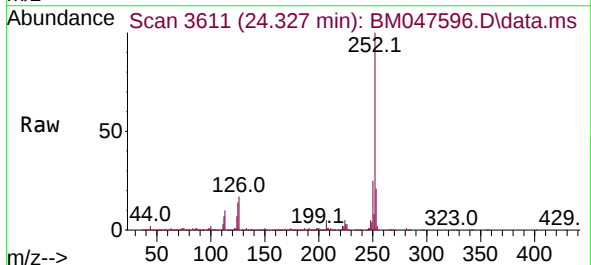
Manual Integrations
APPROVED

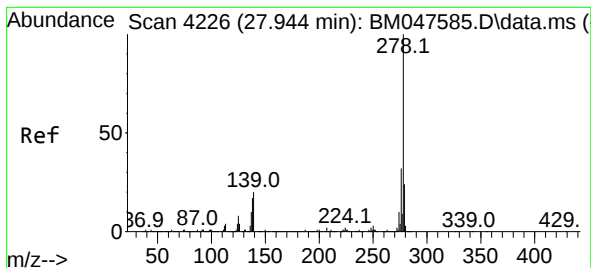
Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#90
Benzo(a)pyrene
Concen: 41.040 ng
RT: 24.327 min Scan# 3611
Delta R.T. 0.006 min
Lab File: BM047596.D
Acq: 20 Sep 2024 19:39

Tgt Ion:252 Resp: 4898850
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 13.9 11.5 17.3





#91

Dibenzo(a,h)anthracene

Concen: 40.940 ng

RT: 27.956 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 526755

Ion Ratio Lower Upper

278 100

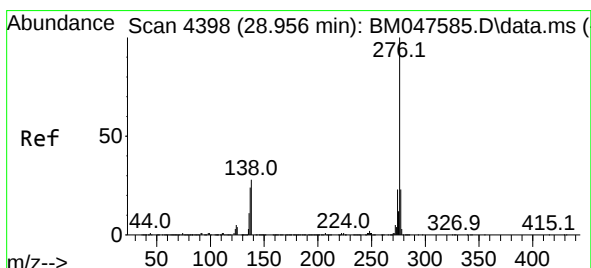
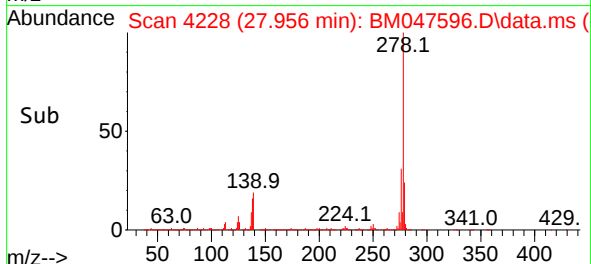
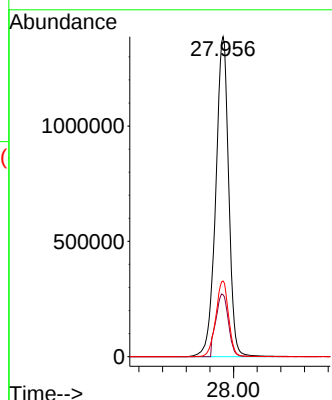
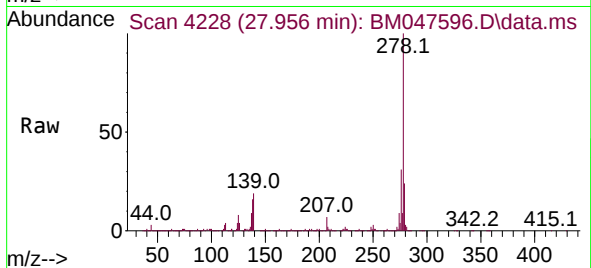
139 19.4 16.4 24.6

279 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024



#92

Benzo(g,h,i)perylene

Concen: 39.605 ng

RT: 28.967 min Scan# 4400

Delta R.T. 0.012 min

Lab File: BM047596.D

Acq: 20 Sep 2024 19:39

Tgt Ion:276 Resp: 5107044

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 27.0 22.3 33.5

