

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
 Data File : BM047528.D
 Acq On : 14 Sep 2024 17:53
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM091424

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 08:58:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	433518	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1934458	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1155790	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2184120	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2018814	20.000	ng	0.00
86) Perylene-d12	24.468	264	1739593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2153145	79.080	ng	0.00
7) Phenol-d6	7.010	99	3115031	81.240	ng	0.00
23) Nitrobenzene-d5	9.004	82	3054251	79.016	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	968206	86.666	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	6760498	80.575	ng	0.00
79) Terphenyl-d14	19.833	244	9440273	83.794	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	436365	37.418	ng	98
3) Pyridine	3.716	79	1328681m	38.276	ng	
4) n-Nitrosodimethylamine	3.628	42	591123	37.531	ng	97
6) Aniline	7.175	93	1362320	40.075	ng	100
8) 2-Chlorophenol	7.416	128	1213673	40.435	ng	98
9) Benzaldehyde	6.987	77	776761	42.604	ng	99
10) Phenol	7.034	94	1538335	40.068	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	1225620	39.763	ng	99
12) 1,3-Dichlorobenzene	7.740	146	1291907	39.323	ng	100
13) 1,4-Dichlorobenzene	7.887	146	1312526	39.224	ng	100
14) 1,2-Dichlorobenzene	8.204	146	1296593	39.373	ng	98
15) Benzyl Alcohol	8.087	79	1073257	41.322	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1676915m	38.676	ng	
17) 2-Methylphenol	8.287	107	1004306	40.947	ng	98
18) Hexachloroethane	8.934	117	521681	39.026	ng	99
19) n-Nitroso-di-n-propyla...	8.657	70	1067626	41.297	ng	99
20) 3+4-Methylphenols	8.616	107	1406257	41.091	ng	100
22) Acetophenone	8.669	105	2006112	39.445	ng	99
24) Nitrobenzene	9.045	77	1557585	39.215	ng	99
25) Isophorone	9.575	82	2743005	40.365	ng	99
26) 2-Nitrophenol	9.757	139	606239	44.791	ng	96
27) 2,4-Dimethylphenol	9.816	122	827489	40.331	ng	99
28) bis(2-Chloroethoxy)met...	10.057	93	1684233	39.457	ng	99
29) 2,4-Dichlorophenol	10.292	162	1082009	41.509	ng	99
30) 1,2,4-Trichlorobenzene	10.510	180	1183219	39.627	ng	98
31) Naphthalene	10.698	128	4109028	39.330	ng	100
32) Benzoic acid	9.957	122	819547	41.565	ng	98
33) 4-Chloroaniline	10.798	127	1516874	40.157	ng	99
34) Hexachlorobutadiene	10.992	225	650005	39.303	ng	99
35) Caprolactam	11.580	113	381738	44.462	ng	92
36) 4-Chloro-3-methylphenol	11.922	107	1239823	41.503	ng	100
37) 2-Methylnaphthalene	12.310	142	2801320	40.287	ng	99
38) 1-Methylnaphthalene	12.527	142	2789337	40.366	ng	99
40) 1,2,4,5-Tetrachloroben...	12.674	216	1232956	39.423	ng	99
41) Hexachlorocyclopentadiene	12.663	237	391885	38.330	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	819111	41.805	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	920532	41.595	ng	99
46) 1,1'-Biphenyl	13.316	154	3562522	39.616	ng	99
47) 2-Chloronaphthalene	13.357	162	2778294	39.789	ng	100
48) 2-Nitroaniline	13.551	65	862825	42.070	ng	99
49) Acenaphthylene	14.204	152	4062122	40.313	ng	100
50) Dimethylphthalate	13.939	163	3130077	39.733	ng	99
51) 2,6-Dinitrotoluene	14.051	165	692880	41.664	ng	97
52) Acenaphthene	14.545	154	2855304	40.442	ng	99
53) 3-Nitroaniline	14.374	138	780701	42.236	ng	97
54) 2,4-Dinitrophenol	14.580	184	303273	41.320	ng	91
55) Dibenzofuran	14.880	168	3929087	39.603	ng	100
56) 4-Nitrophenol	14.674	139	666432	43.814	ng	96
57) 2,4-Dinitrotoluene	14.833	165	944153	42.569	ng	100
58) Fluorene	15.527	166	3652975	40.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	714256	41.395	ng	100
60) Diethylphthalate	15.304	149	3394013	40.482	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	1650317	40.407	ng	99
62) 4-Nitroaniline	15.533	138	943457	43.422	ng	99
63) Azobenzene	15.815	77	3638400	39.412	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	426927	39.815	ng	88
66) n-Nitrosodiphenylamine	15.733	169	2709417	40.550	ng	100
67) 4-Bromophenyl-phenylether	16.415	248	867359	40.870	ng	94
68) Hexachlorobenzene	16.527	284	970735	40.377	ng	99
69) Atrazine	16.680	200	770740	41.735	ng	99
70) Pentachlorophenol	16.862	266	622891	44.695	ng	99
71) Phenanthrene	17.257	178	4802982	39.903	ng	100
72) Anthracene	17.351	178	4737394	40.965	ng	100
73) Carbazole	17.615	167	4733275	41.301	ng	100
74) Di-n-butylphthalate	18.186	149	5807192	42.350	ng	100
75) Fluoranthene	19.268	202	5531833	42.122	ng	99
77) Benzidine	19.445	184	1045554	36.773	ng	99
78) Pyrene	19.627	202	5859728	39.792	ng	99
80) Butylbenzylphthalate	20.521	149	2448871	43.200	ng	98
81) Benzo(a)anthracene	21.421	228	5336342	40.554	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1561668	44.615	ng	99
83) Chrysene	21.486	228	5016069	40.301	ng	100
84) Bis(2-ethylhexyl)phtha...	21.356	149	3908511	44.013	ng	99
85) Di-n-octyl phthalate	22.503	149	5845092	46.533	ng	99
87) Indeno(1,2,3-cd)pyrene	27.897	276	4045117	38.856	ng	# 90
88) Benzo(b)fluoranthene	23.515	252	4654837	41.356	ng	99
89) Benzo(k)fluoranthene	23.580	252	4639524	41.592	ng	99
90) Benzo(a)pyrene	24.327	252	3794215	41.129	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	3421259	39.061	ng	99
92) Benzo(g,h,i)perylene	28.968	276	3226301	37.708	ng	99

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

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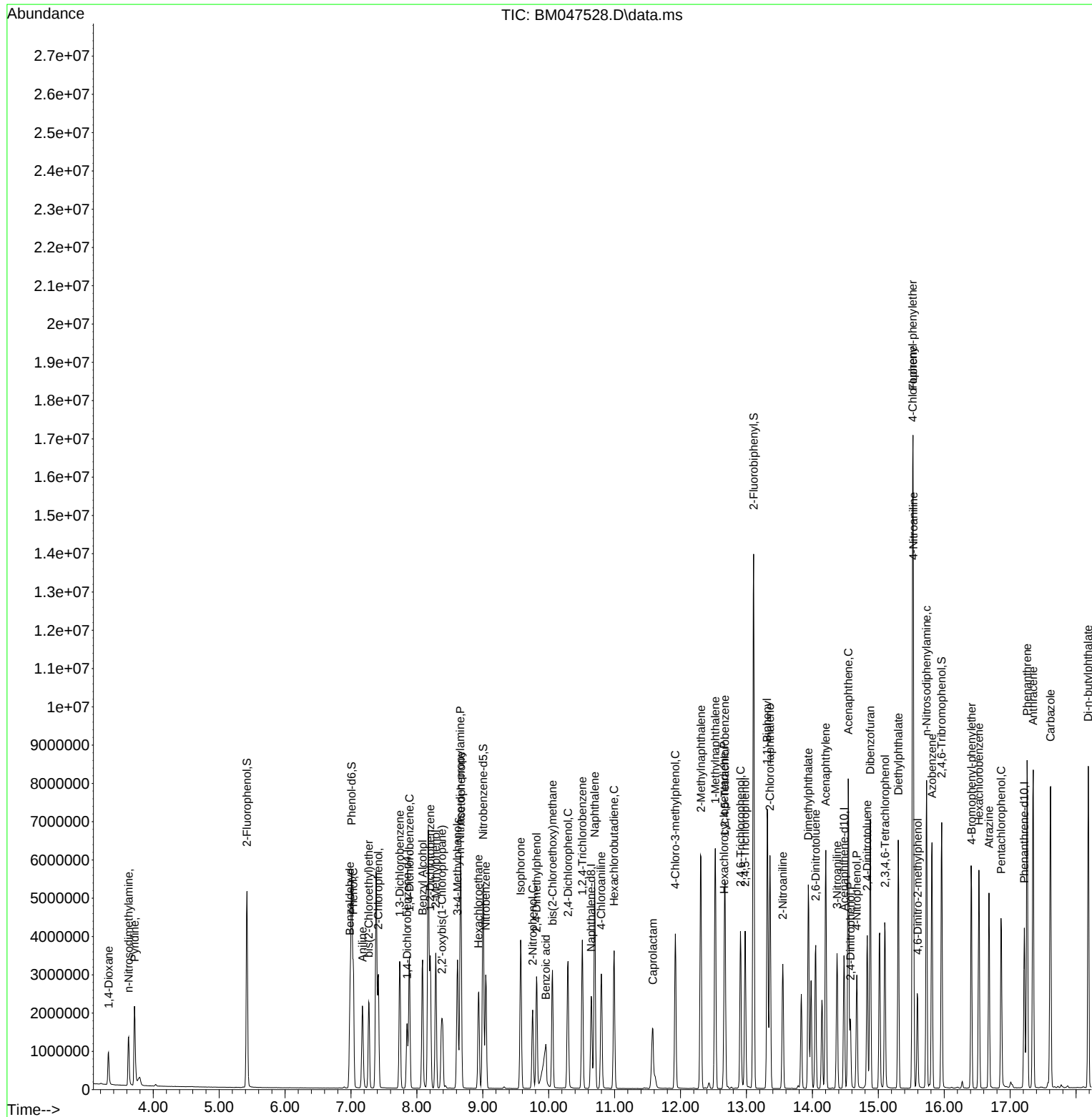
Quant Time: Sep 15 08:58:50 2024

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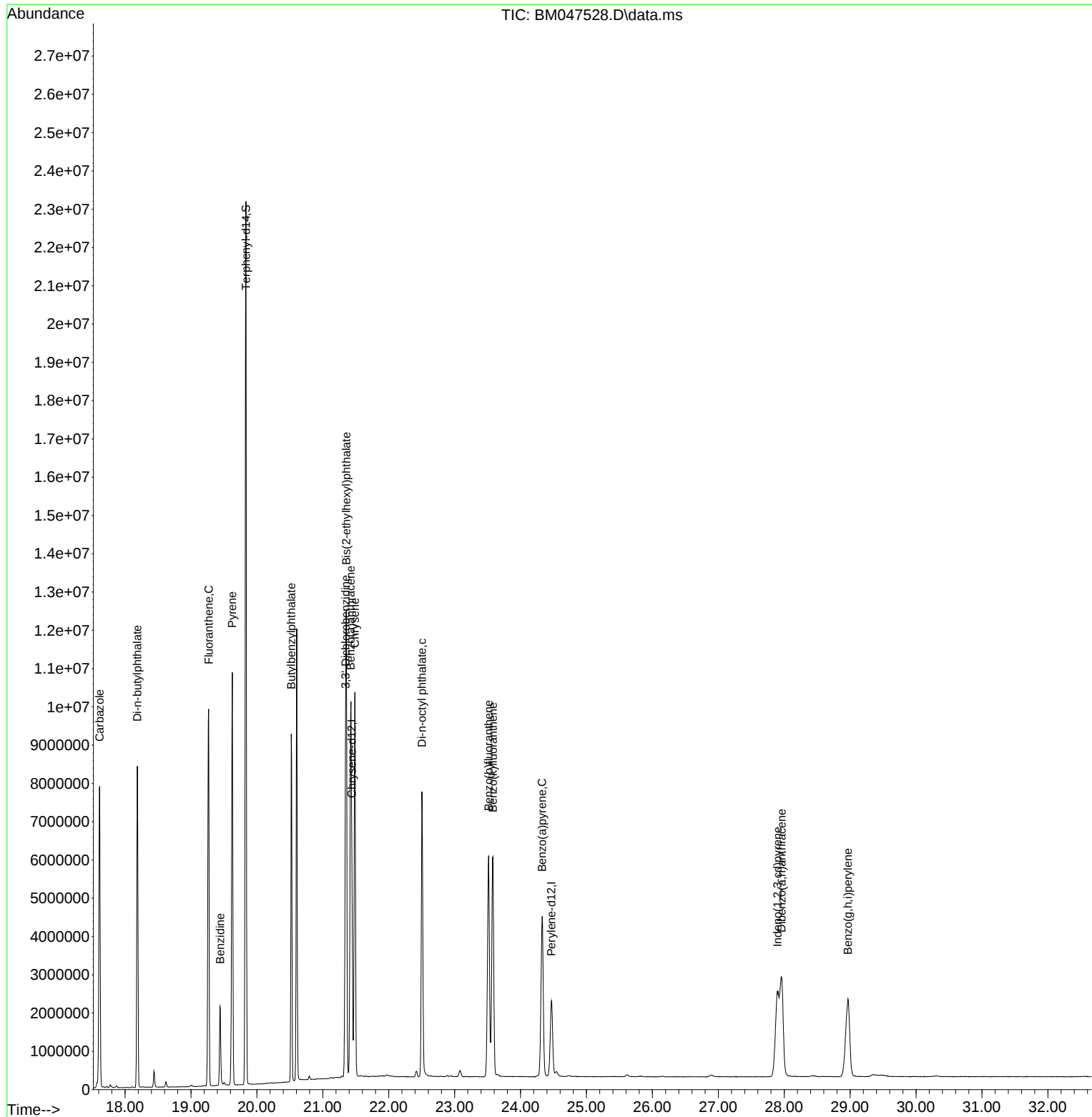
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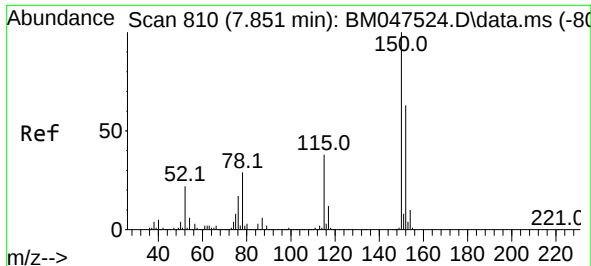
Instrument :
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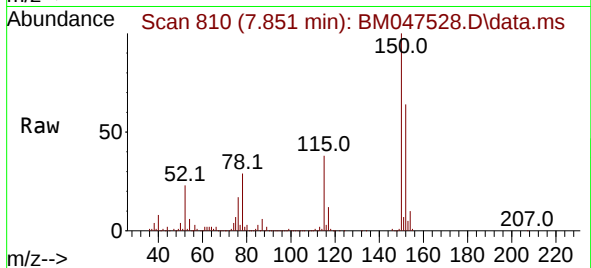
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

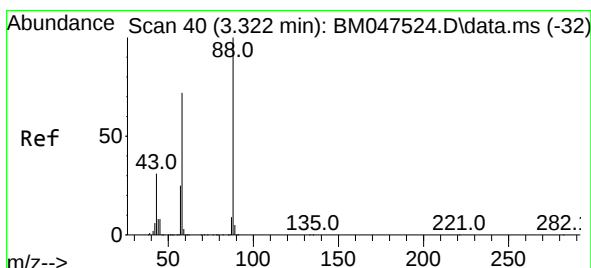
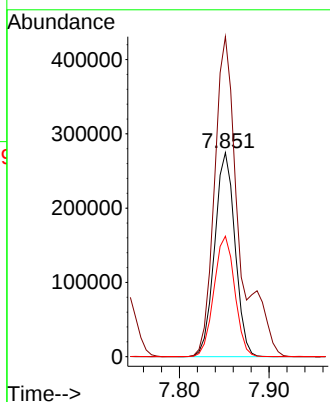
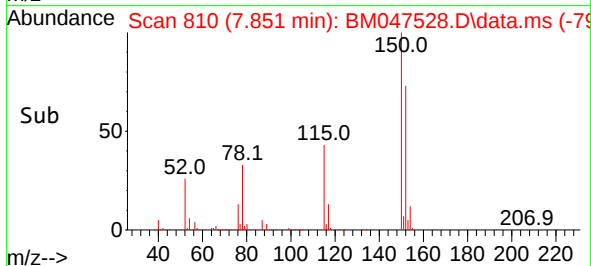
Instrument :
BNA_M
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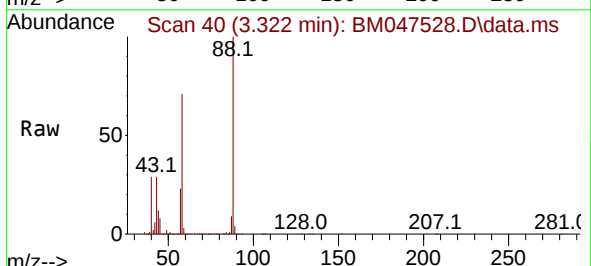
Tgt Ion: 152 Resp: 433518
Ion Ratio Lower Upper
152 100
150 156.8 126.8 190.2
115 59.1 47.8 71.8

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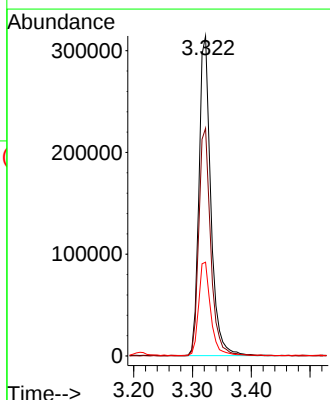
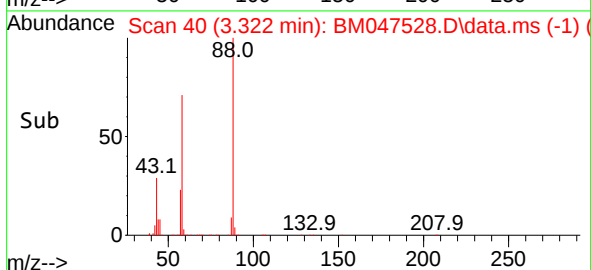
Reviewed By :Yogesh Patel 09/16/2024
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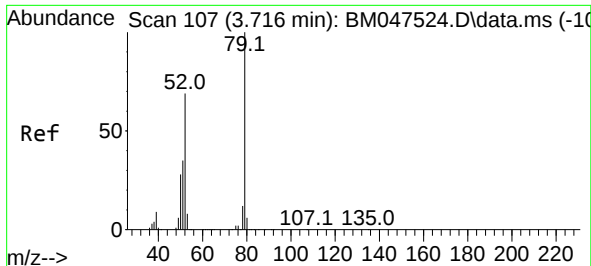


#2
1,4-Dioxane
Concen: 37.418 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



Tgt Ion: 88 Resp: 436365
Ion Ratio Lower Upper
88 100
58 72.4 59.0 88.6
43 29.9 25.0 37.4





#3
Pyridine
Concen: 38.276 ng/ml
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

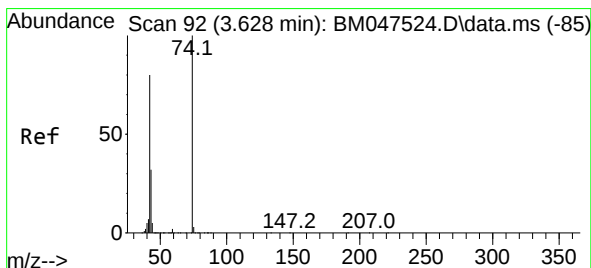
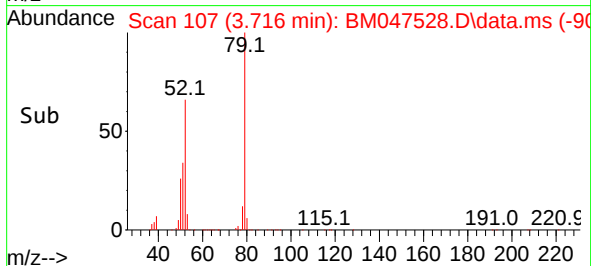
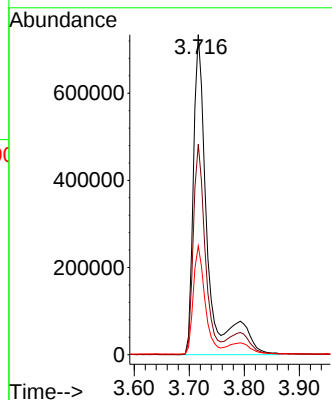
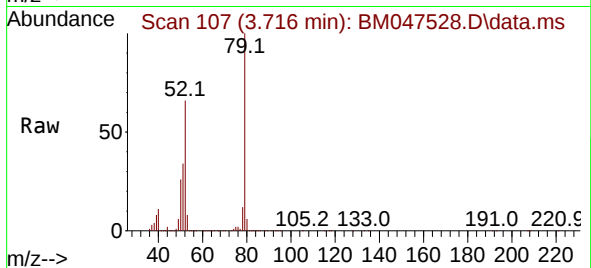
ClientSampleId :

ICVBM091424

Tgt Ion: 79 Resp: 132868
Ion Ratio Lower Upper
79 100
52 65.7 55.4 83.0
51 34.0 27.9 41.9

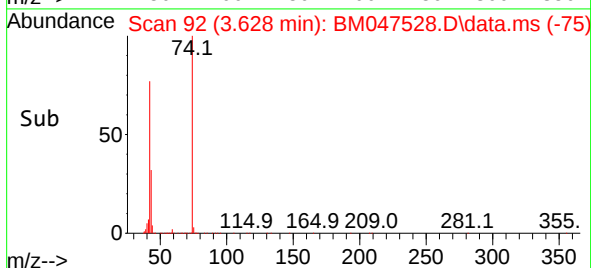
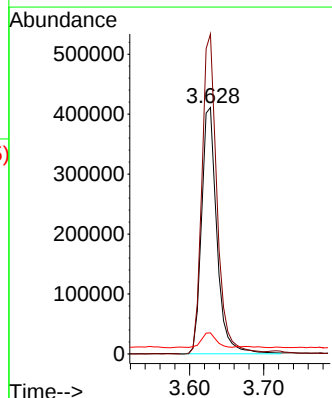
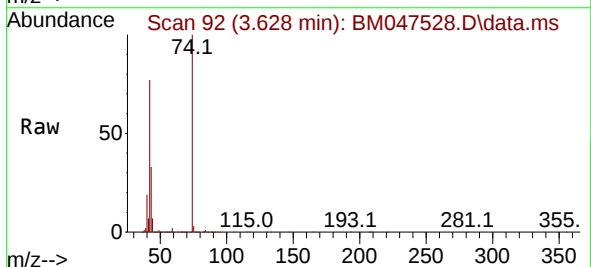
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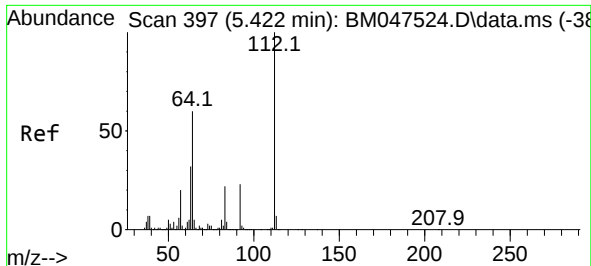
Reviewed By :Yogesh Patel 09/16/2024
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#4
n-Nitrosodimethylamine
Concen: 37.531 ng/ml
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 42 Resp: 591123
Ion Ratio Lower Upper
42 100
74 129.9 100.5 150.7
44 8.6 6.9 10.3





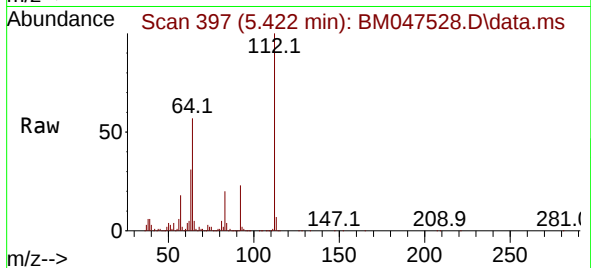
#5
2-Fluorophenol
Concen: 79.080 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047528.D
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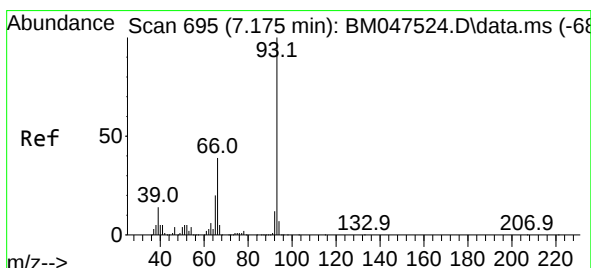
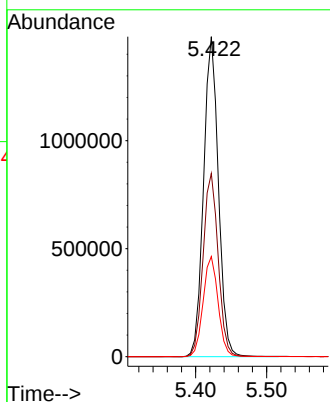
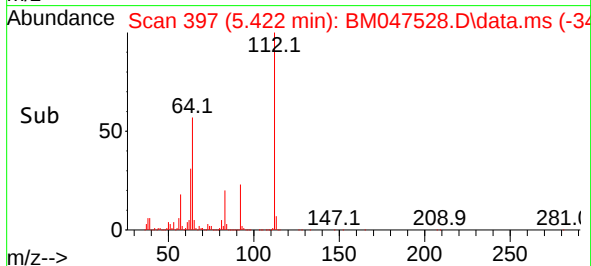
Tgt Ion: 112 Resp: 215314
Ion Ratio Lower Upper
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64 57.2 48.2 72.4
63 31.3 26.0 39.0

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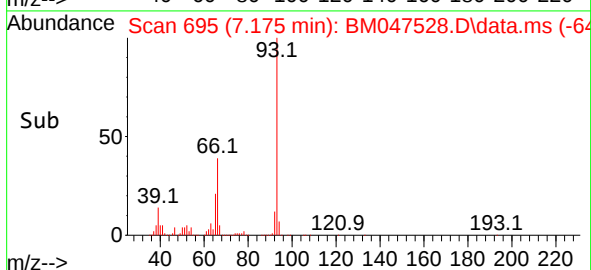
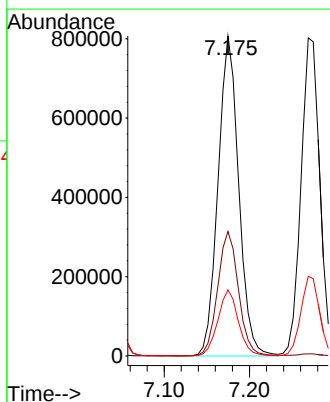
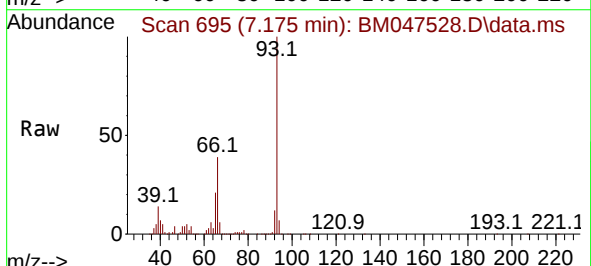
Reviewed By :Yogesh Patel 09/16/2024

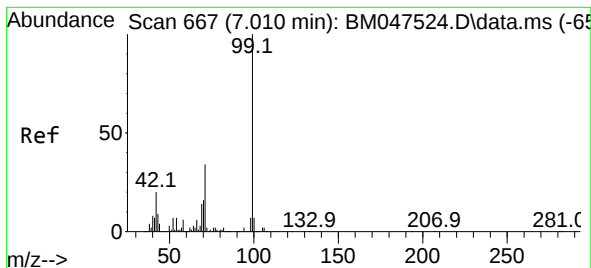
Supervised By :mohammad ahmed 09/17/2024



#6
Aniline
Concen: 40.075 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM047528.D
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Tgt Ion: 93 Resp: 1362320
Ion Ratio Lower Upper
93 100
66 38.9 31.4 47.0
65 20.6 16.3 24.5





#7

Phenol-d6

Concen: 81.240 ng

RT: 7.010 min Scan# 667

Delta R.T. 0.000 min

Lab File: BM047528.D

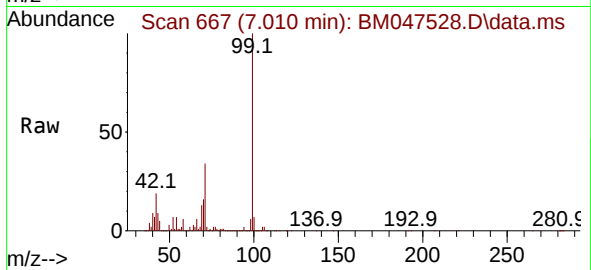
Acq: 14 Sep 2024 17:53

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Tgt Ion: 99 Resp: 311503

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.8

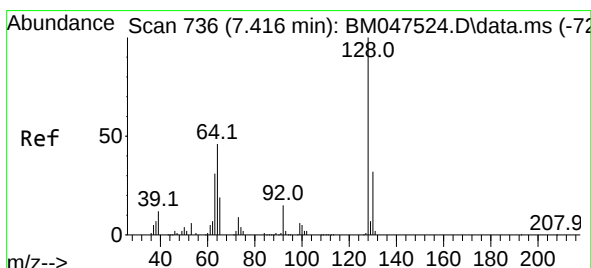
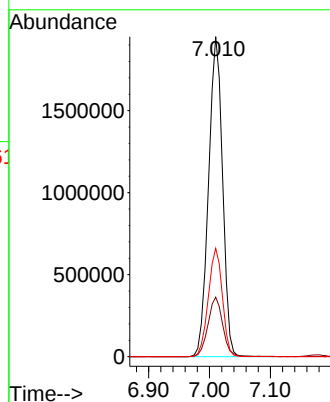
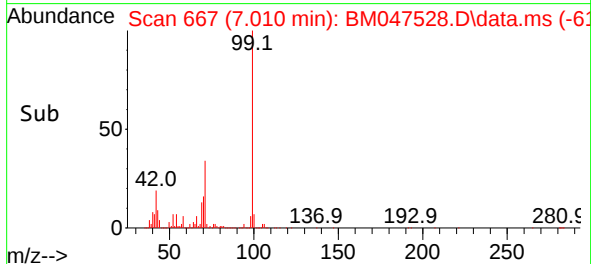
71 33.8 27.6 41.4

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#8

2-Chlorophenol

Concen: 40.435 ng

RT: 7.416 min Scan# 736

Delta R.T. 0.000 min

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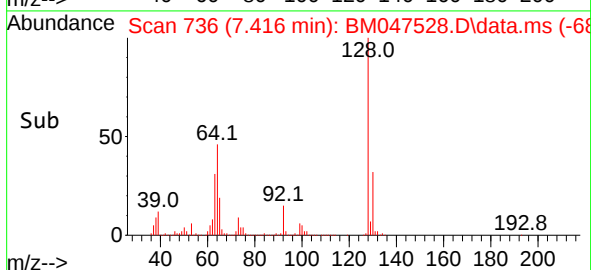
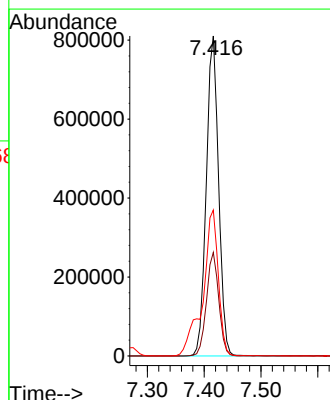
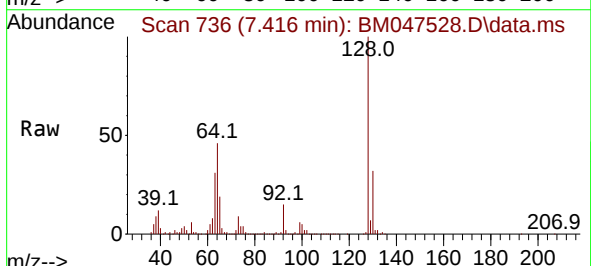
Tgt Ion:128 Resp: 1213673

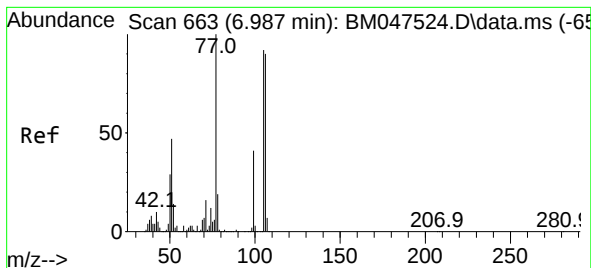
Ion Ratio Lower Upper

128 100

130 32.3 11.8 51.8

64 45.6 27.6 67.6





#9

Benzaldehyde

Concen: 42.604 ng

RT: 6.987 min Scan# 663

Delta R.T. 0.000 min

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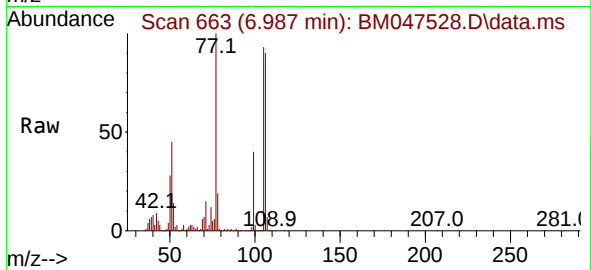
Acq: 14 Sep 2024 17:53

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ICVBM091424



Tgt Ion: 77 Resp: 776763

Ion Ratio Lower Upper

77 100

105 92.8 71.8 111.8

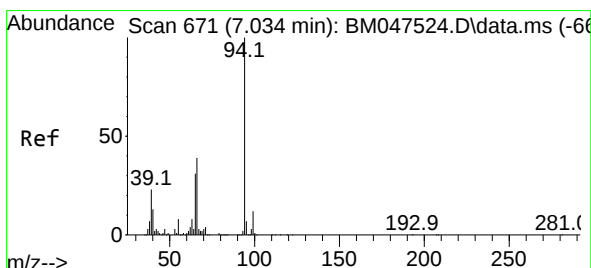
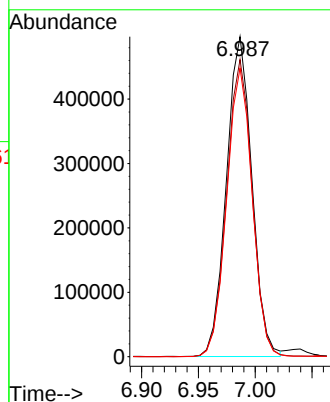
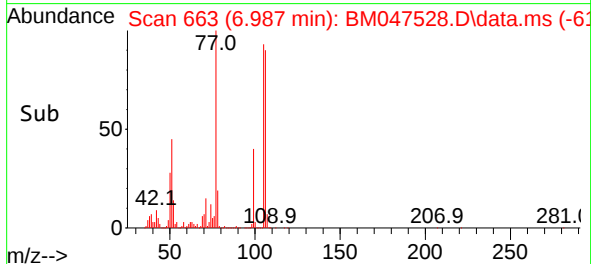
106 90.1 69.7 109.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#10

Phenol

Concen: 40.068 ng

RT: 7.034 min Scan# 671

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

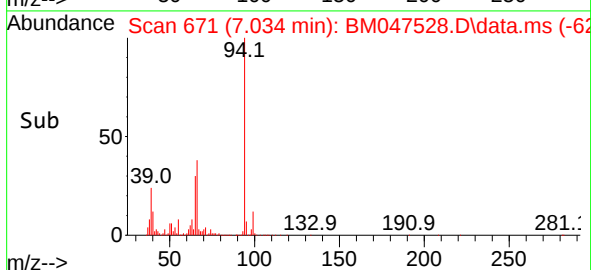
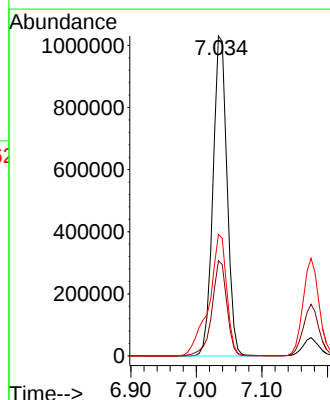
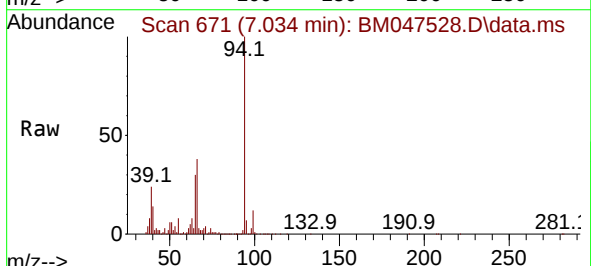
Tgt Ion: 94 Resp: 1538335

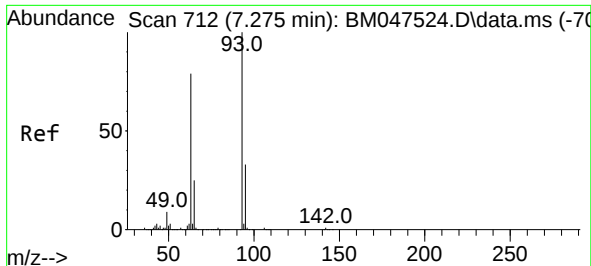
Ion Ratio Lower Upper

94 100

65 29.7 10.8 50.8

66 38.0 19.2 59.2





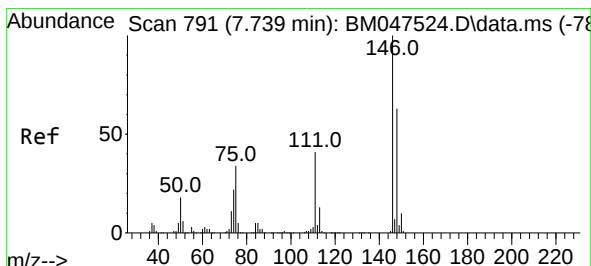
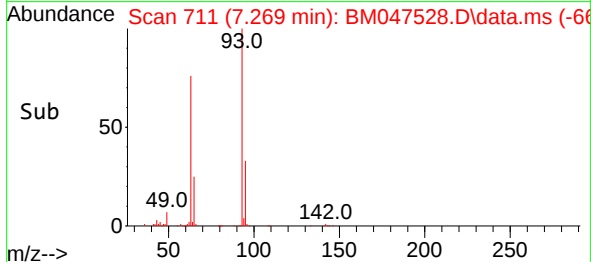
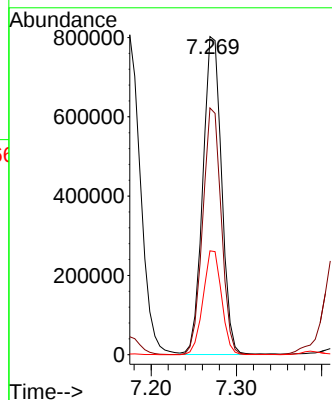
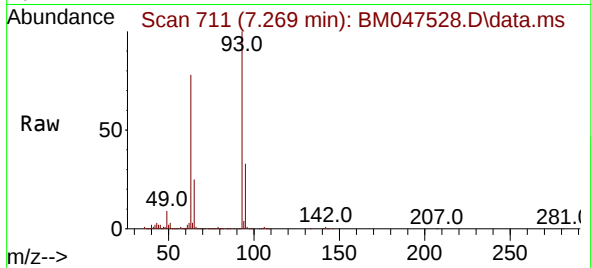
#11
bis(2-Chloroethyl)ether
Concen: 39.763 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Instrument :
BNA_M
ClientSampleId :
ICVBM091424

Tgt Ion: 93 Resp: 1225620
Ion Ratio Lower Upper
93 100
63 77.6 58.2 98.2
95 32.6 12.8 52.8

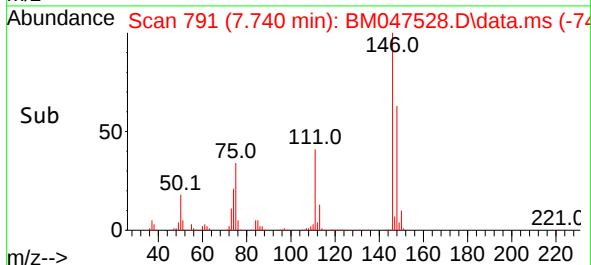
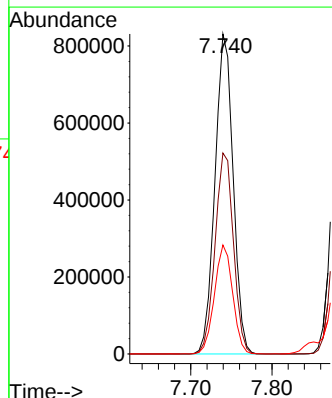
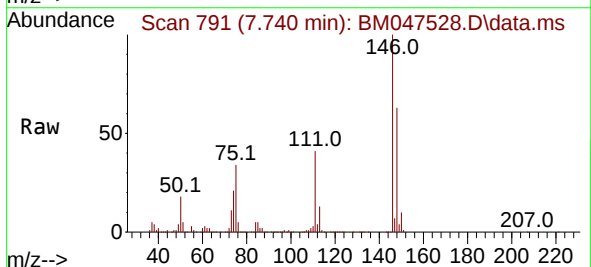
Manual Integrations
APPROVED

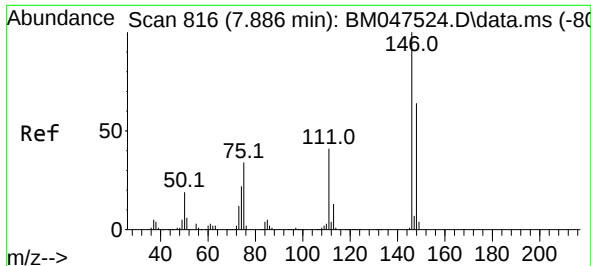
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#12
1,3-Dichlorobenzene
Concen: 39.323 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:146 Resp: 1291907
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
75 34.1 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 39.224 ng

RT: 7.887 min Scan# 816

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

Tgt Ion:146 Resp: 1312520

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

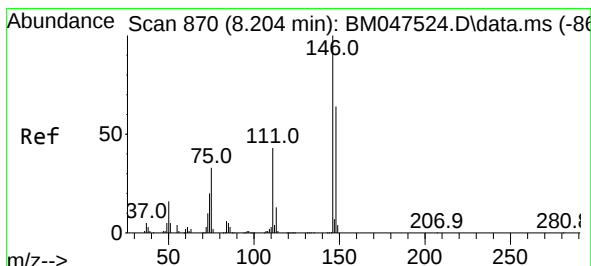
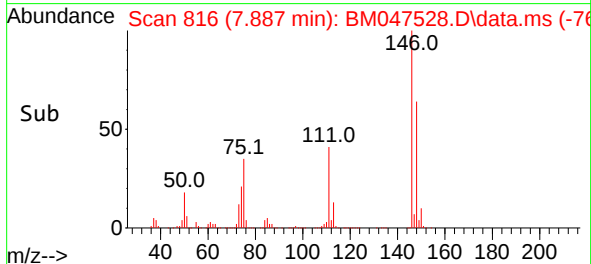
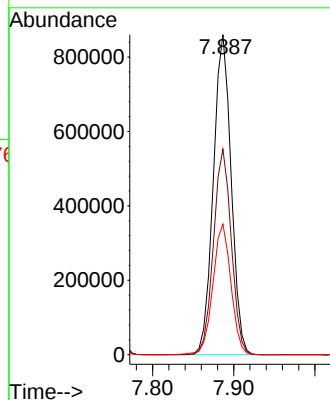
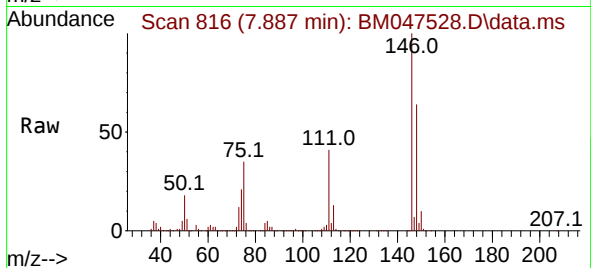
111 40.8 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#14

1,2-Dichlorobenzene

Concen: 39.373 ng

RT: 8.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

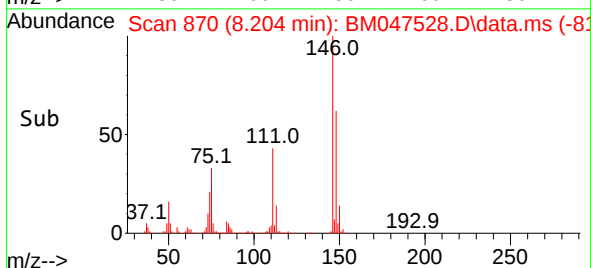
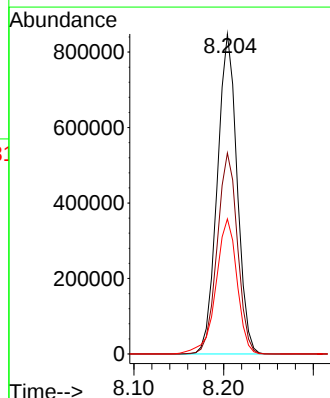
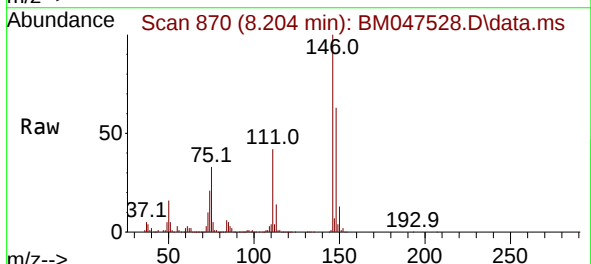
Tgt Ion:146 Resp: 1296593

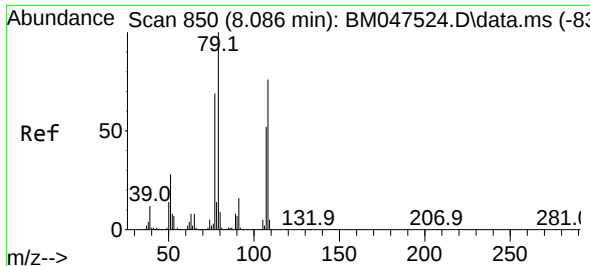
Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

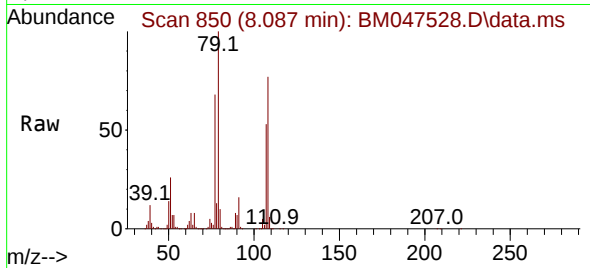
111 42.2 34.7 52.1





#15
Benzyl Alcohol
Concen: 41.322 ng
RT: 8.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

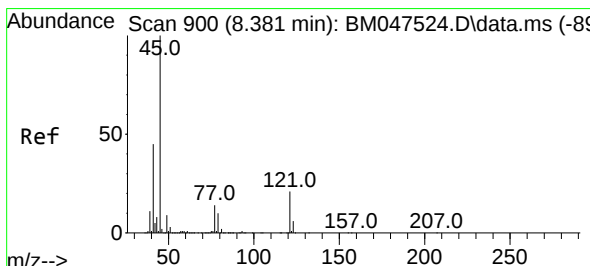
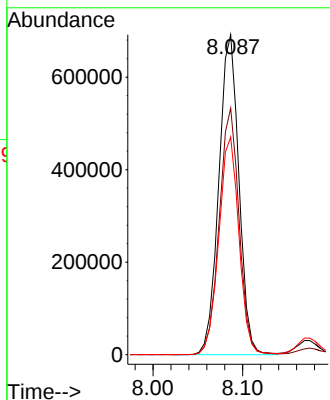
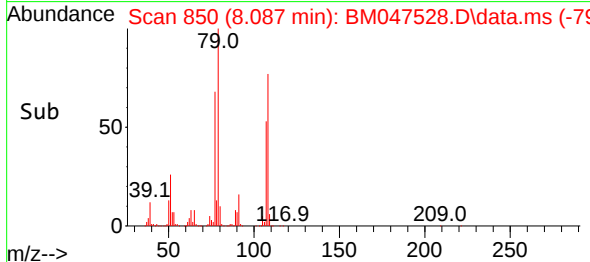
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion: 79 Resp: 107325
Ion Ratio Lower Upper
79 100
108 77.1 60.6 91.0
77 68.0 55.0 82.4

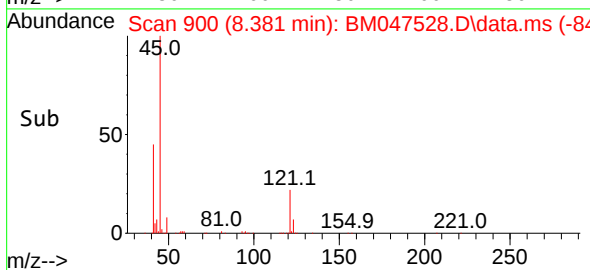
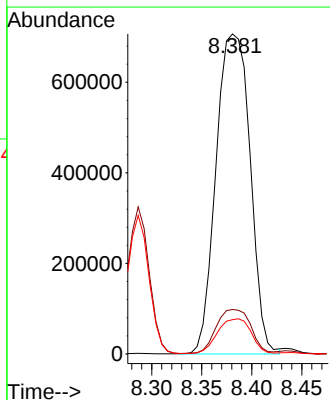
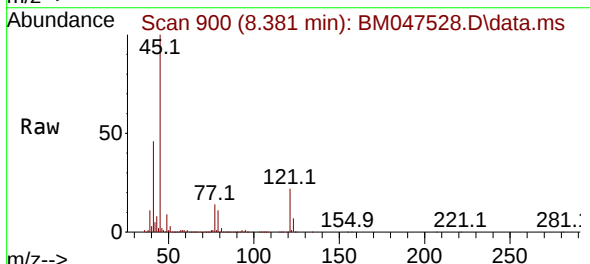
Manual Integrations
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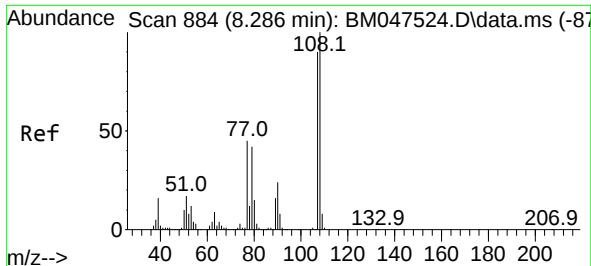
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.676 ng m
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion: 45 Resp: 1676915
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.7
79 10.7 0.0 30.3





#17

2-Methylphenol

Concen: 40.947 ng

RT: 8.287 min Scan# 884

Delta R.T. 0.000 min

Lab File: BM047528.D

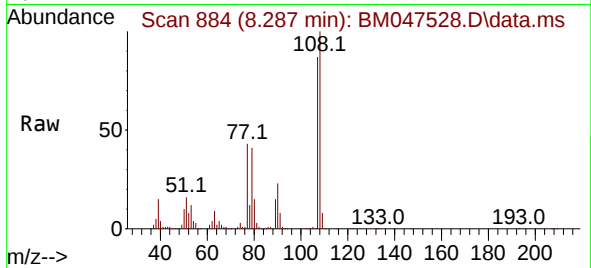
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424



Tgt Ion:107 Resp: 1004300

Ion Ratio Lower Upper

107 100

108 114.5 88.9 133.3

77 49.8 39.8 59.8

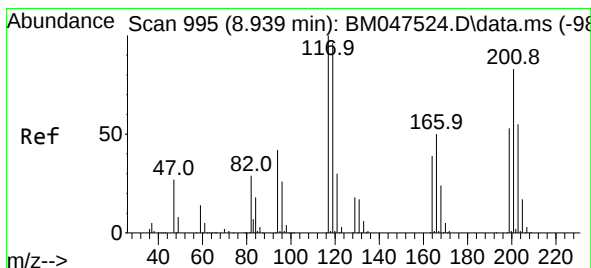
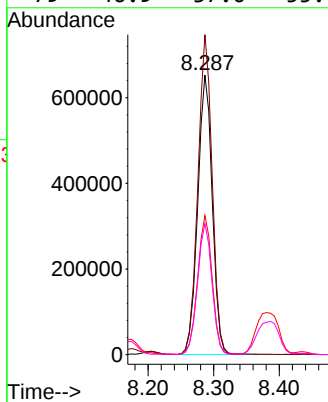
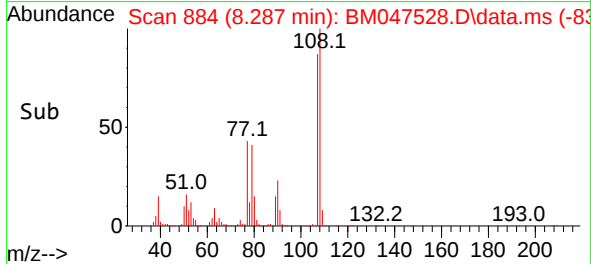
79 46.9 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#18

Hexachloroethane

Concen: 39.026 ng

RT: 8.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

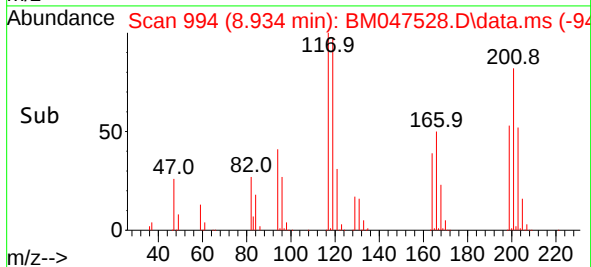
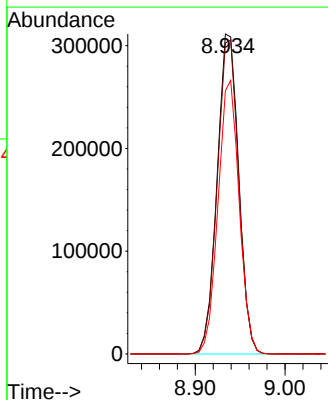
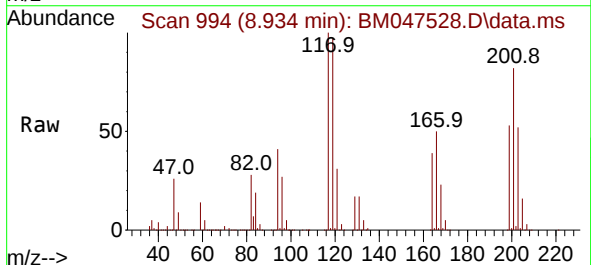
Tgt Ion:117 Resp: 521681

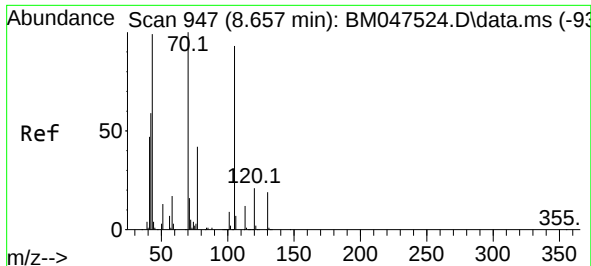
Ion Ratio Lower Upper

117 100

119 97.2 77.0 115.4

201 82.2 66.8 100.2





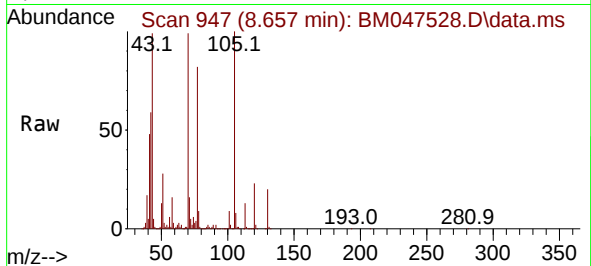
#19
n-Nitroso-di-n-propylamine
Concen: 41.297 ng
RT: 8.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424



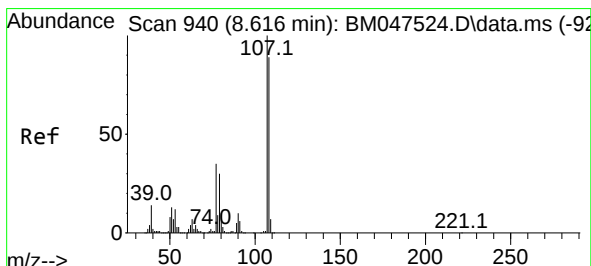
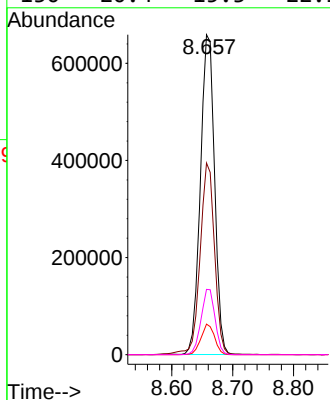
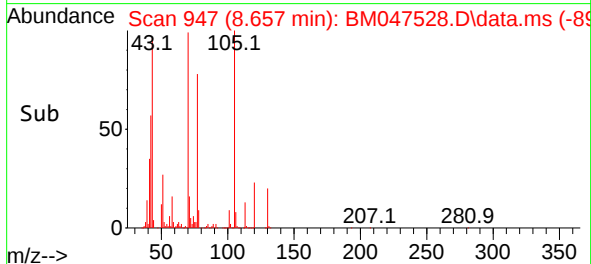
Tgt Ion: 70 Resp: 1067620
Ion Ratio Lower Upper
70 100
42 59.9 48.2 72.2
101 9.5 7.0 10.4
130 20.4 15.3 22.9

Manual Integrations

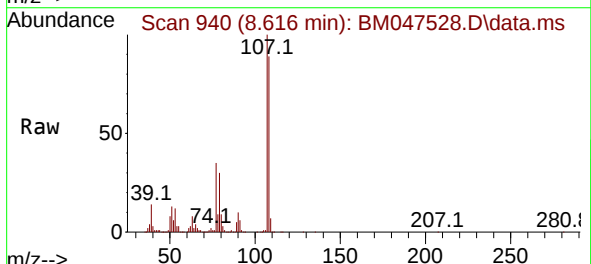
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

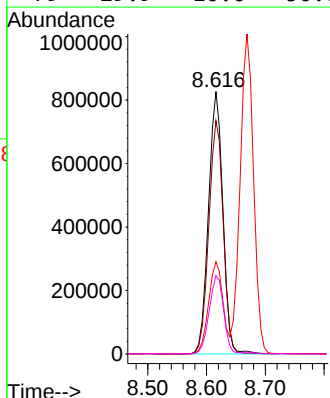
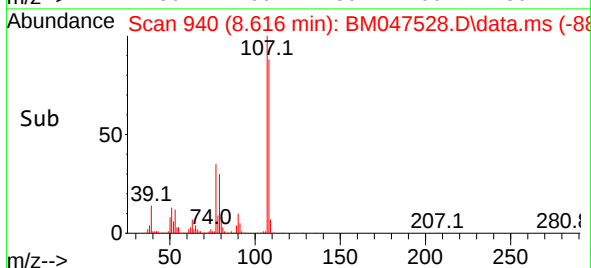
Supervised By :mohammad ahmed 09/17/2024

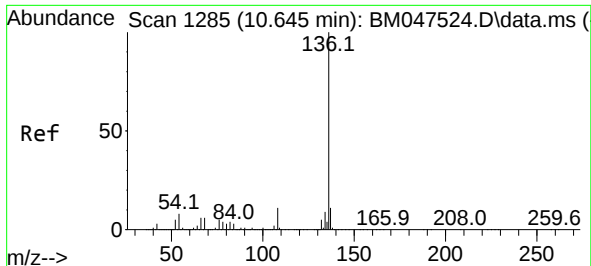


#20
3+4-Methylphenols
Concen: 41.091 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



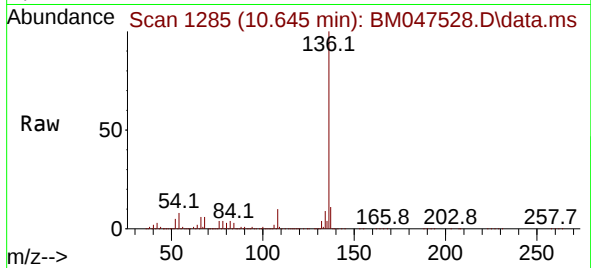
Tgt Ion:107 Resp: 1406257
Ion Ratio Lower Upper
107 100
108 88.9 68.9 108.9
77 35.1 15.5 55.5
79 29.9 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

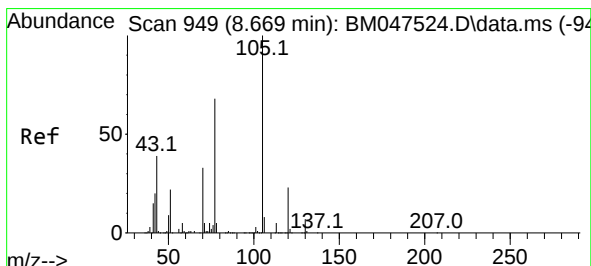
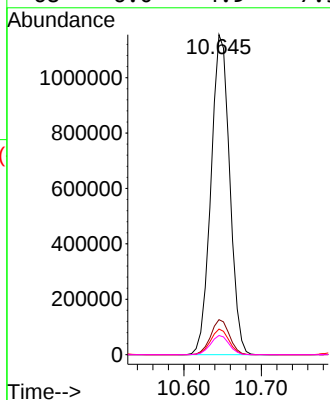
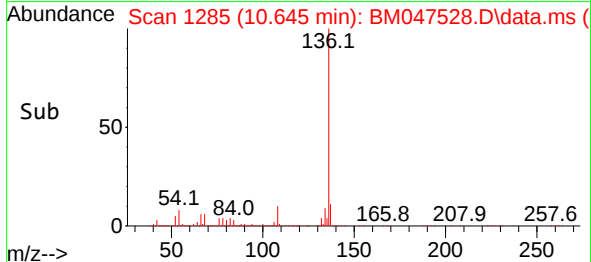
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion:136 Resp: 1934458
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.0 6.6 9.8
68 6.0 4.9 7.3

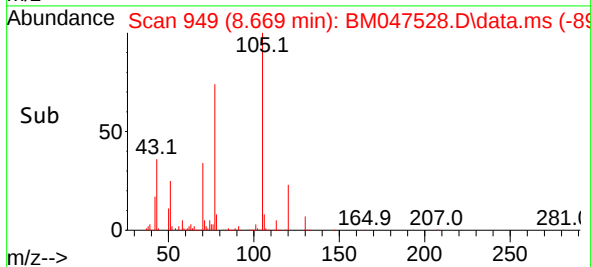
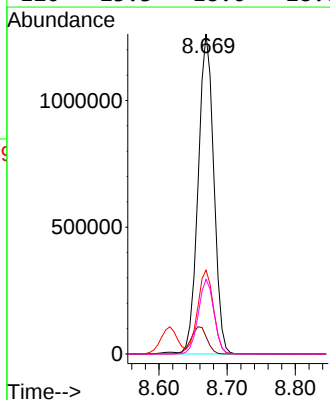
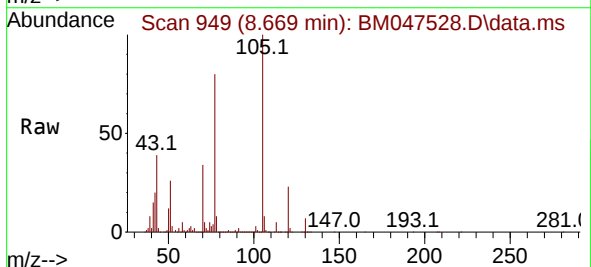
Manual Integrations
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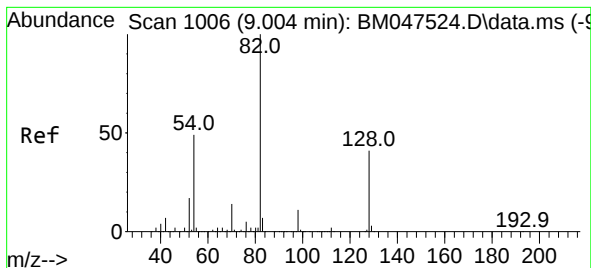
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#22
Acetophenone
Concen: 39.445 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:105 Resp: 2006112
Ion Ratio Lower Upper
105 100
71 5.4 4.3 6.5
51 26.2 21.5 32.3
120 23.3 18.6 28.0





#23

Nitrobenzene-d5

Concen: 79.016 ng

RT: 9.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

Tgt Ion: 82 Resp: 305425

Ion Ratio Lower Upper

82 100

128 43.0 33.0 49.4

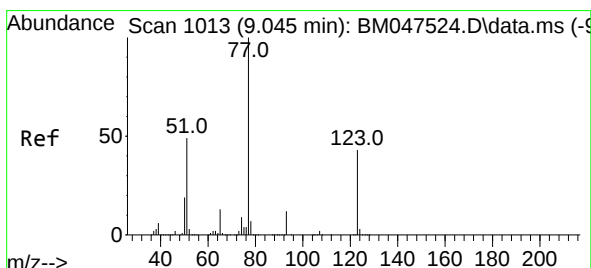
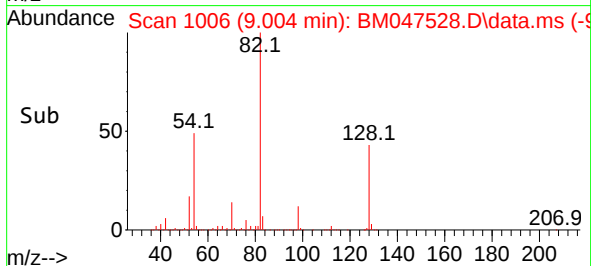
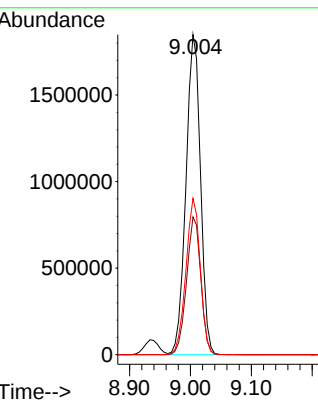
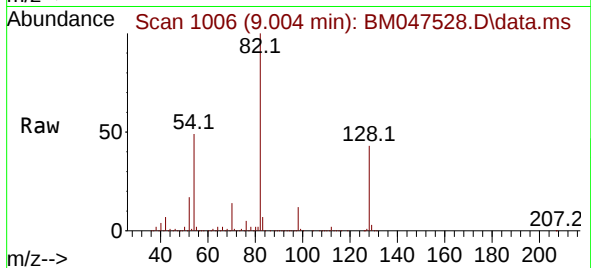
54 48.8 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#24

Nitrobenzene

Concen: 39.215 ng

RT: 9.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

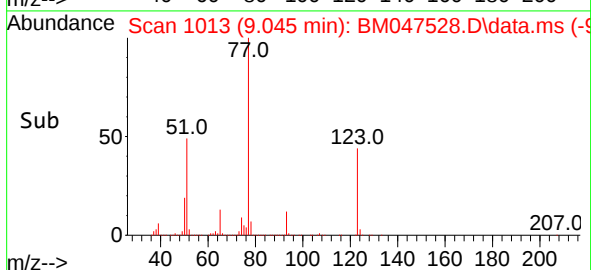
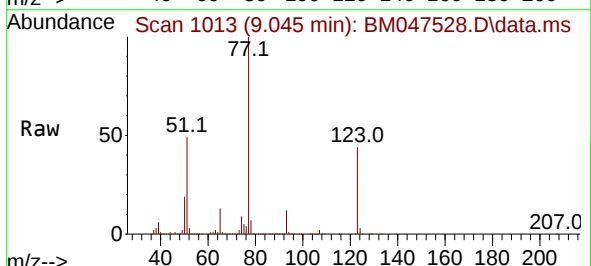
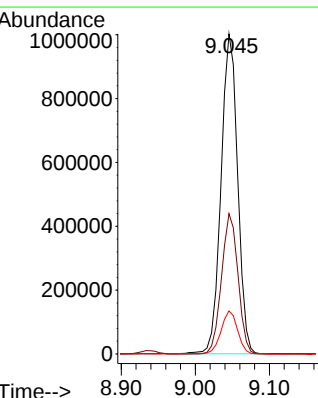
Tgt Ion: 77 Resp: 1557585

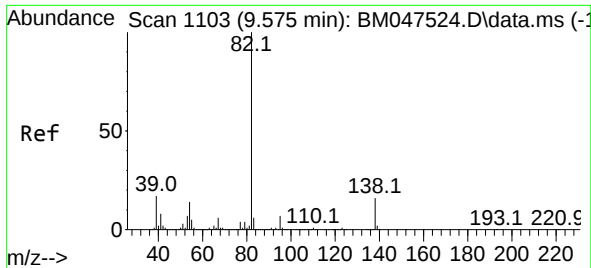
Ion Ratio Lower Upper

77 100

123 43.9 34.5 51.7

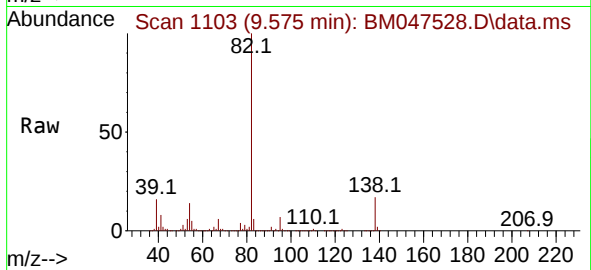
65 13.4 10.7 16.1





#25
Isophorone
Concen: 40.365 ng
RT: 9.575 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

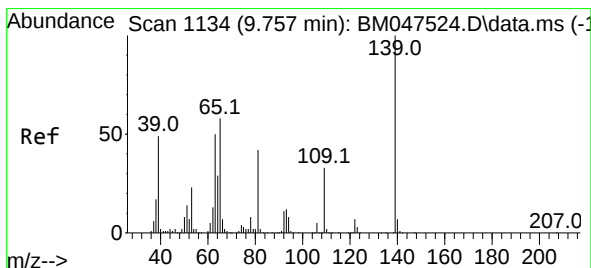
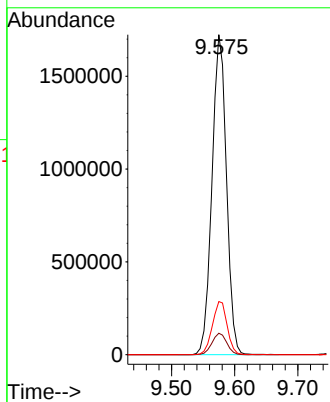
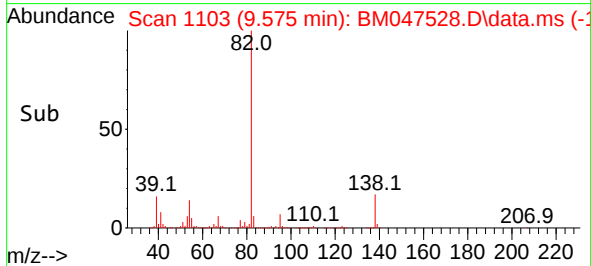
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion: 82 Resp: 2743000
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.6 12.9 19.3

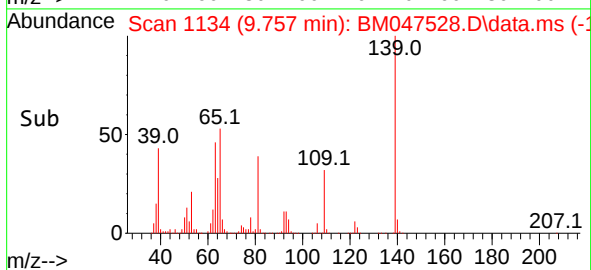
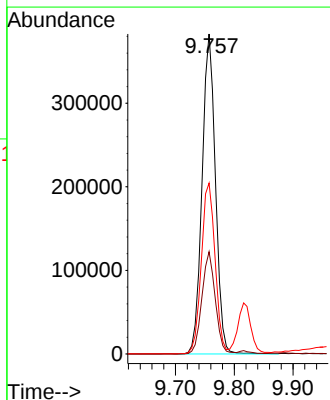
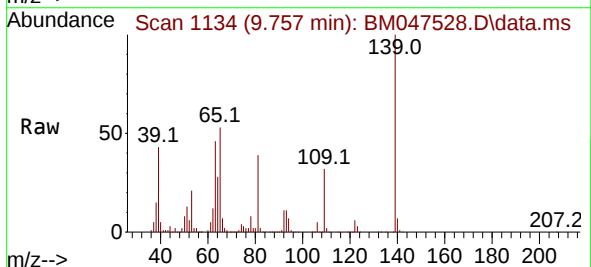
Manual Integrations
APPROVED

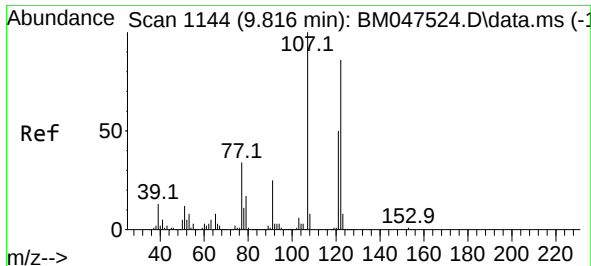
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#26
2-Nitrophenol
Concen: 44.791 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:139 Resp: 606239
Ion Ratio Lower Upper
139 100
109 31.9 26.0 39.0
65 53.4 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 40.331 ng

RT: 9.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BM047528.D

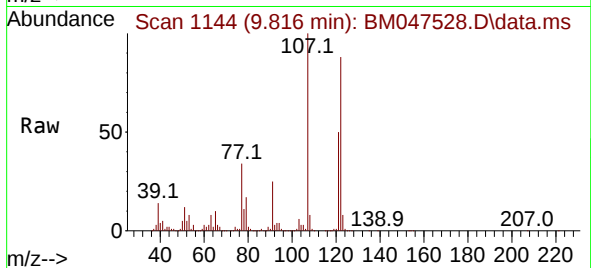
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424



Tgt Ion:122 Resp: 827489

Ion Ratio Lower Upper

122 100

107 114.1 92.4 138.6

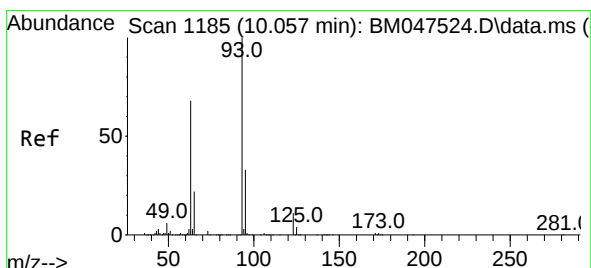
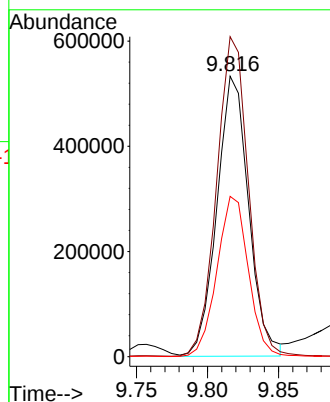
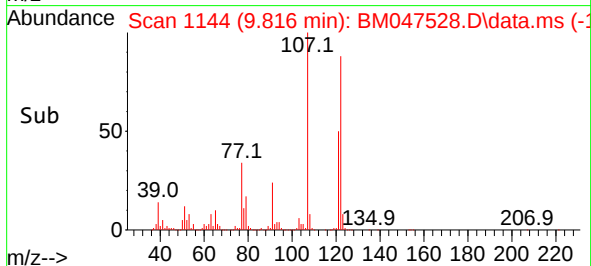
121 57.2 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.457 ng

RT: 10.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

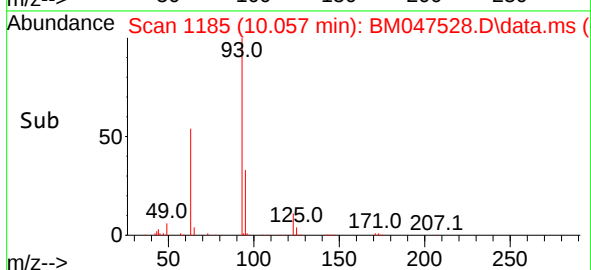
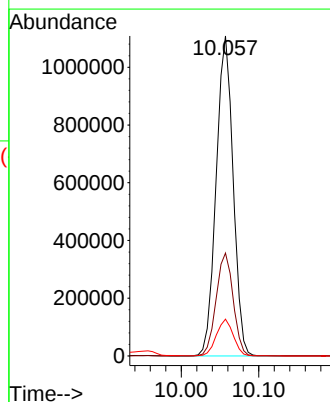
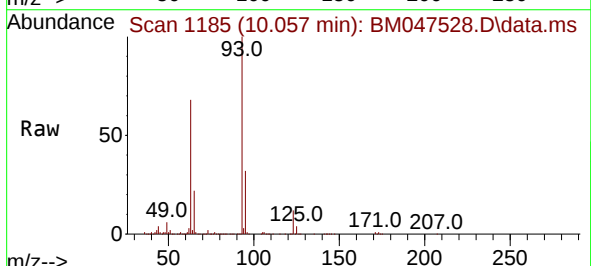
Tgt Ion: 93 Resp: 1684233

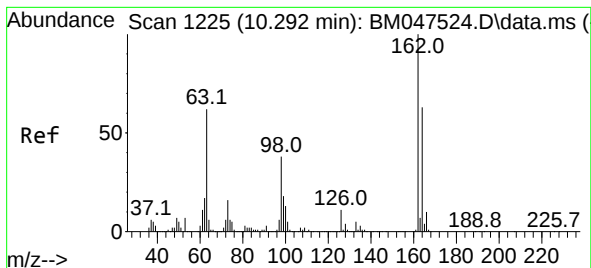
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

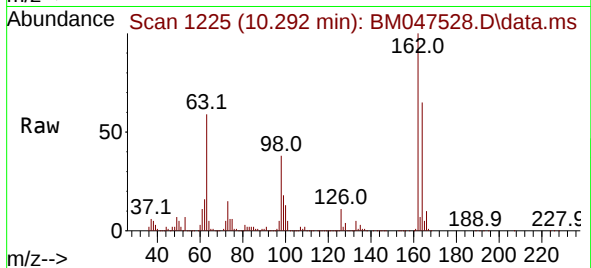
123 11.5 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 41.509 ng
RT: 10.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

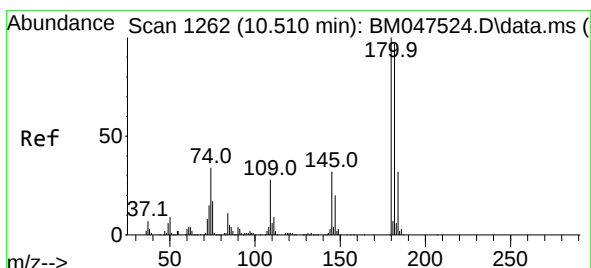
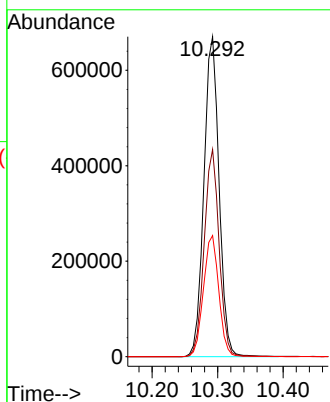
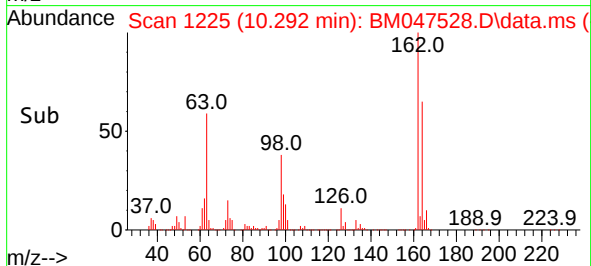
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion:162 Resp: 1082009
Ion Ratio Lower Upper
162 100
164 64.7 43.5 83.5
98 37.8 17.6 57.6

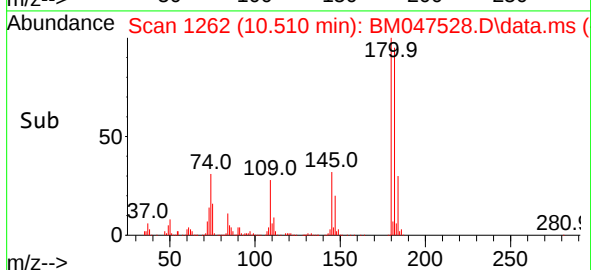
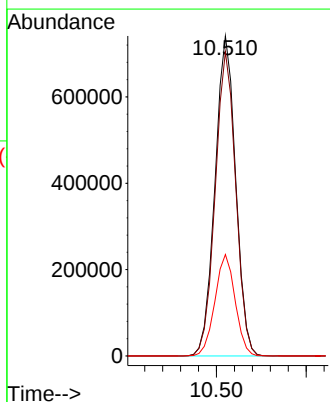
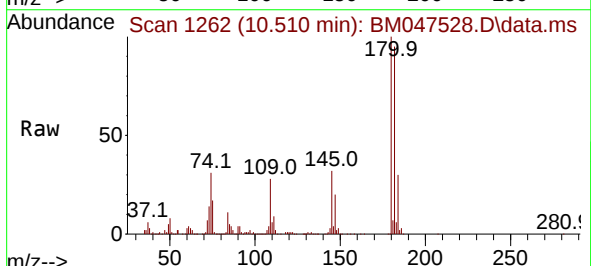
Manual Integrations
APPROVED

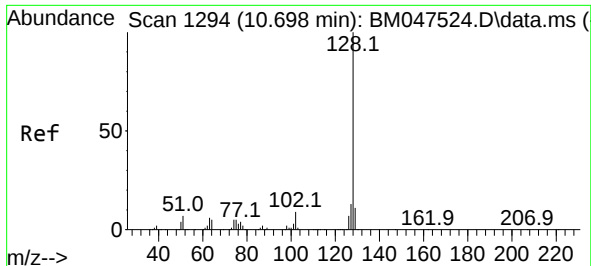
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.627 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

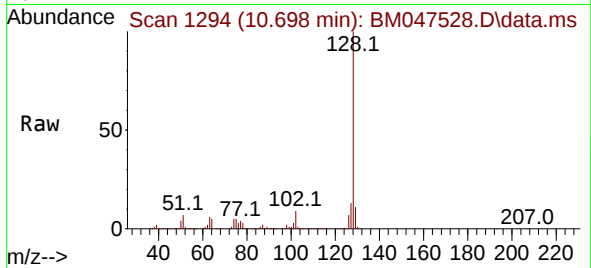
Tgt Ion:180 Resp: 1183219
Ion Ratio Lower Upper
180 100
182 95.0 77.6 116.4
145 31.7 25.4 38.0





#31
Naphthalene
Concen: 39.330 ng
RT: 10.698 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

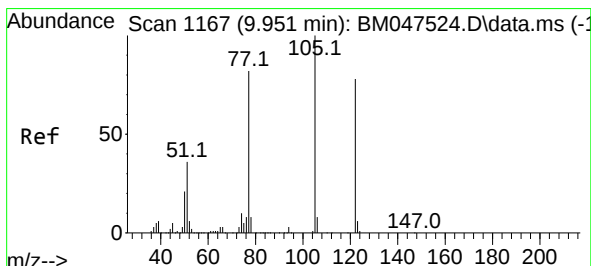
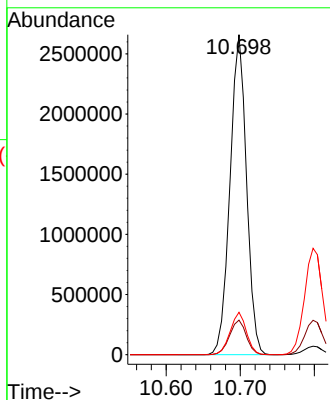
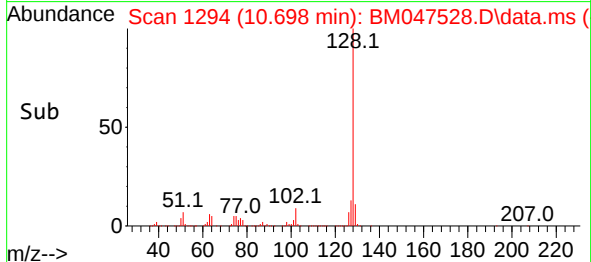
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion:128 Resp: 4109028
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.5 15.7

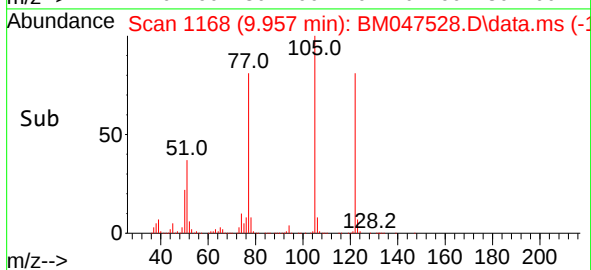
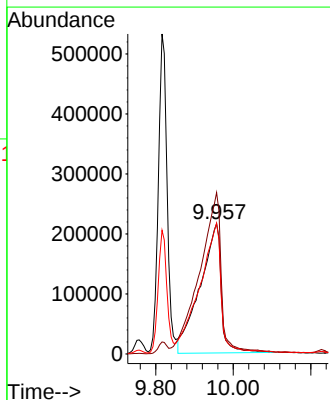
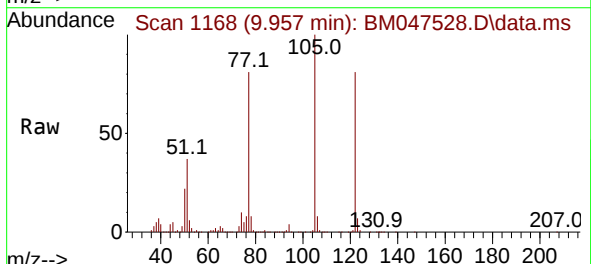
Manual Integrations
APPROVED

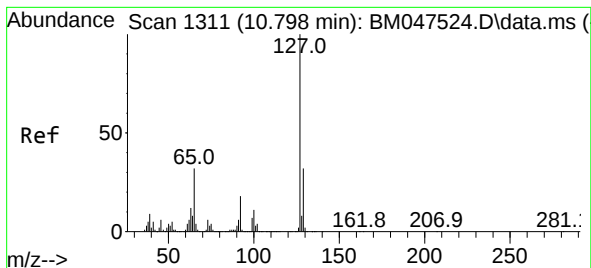
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#32
Benzoic acid
Concen: 41.565 ng
RT: 9.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

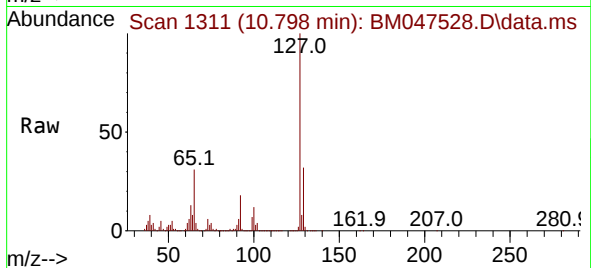
Tgt Ion:122 Resp: 819547
Ion Ratio Lower Upper
122 100
105 124.0 104.7 144.7
77 100.5 83.4 123.4





#33
4-Chloroaniline
Concen: 40.157 ng
RT: 10.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

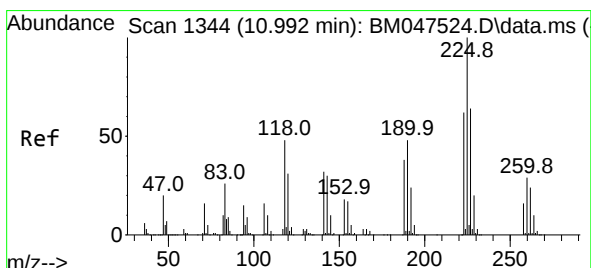
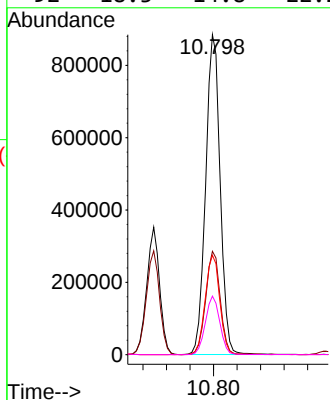
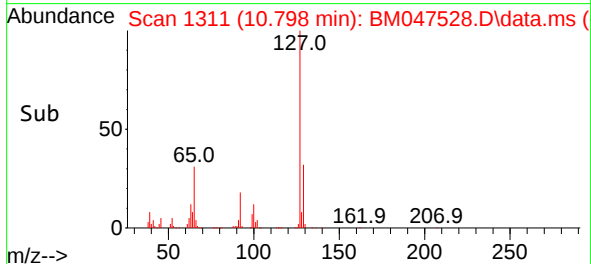
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



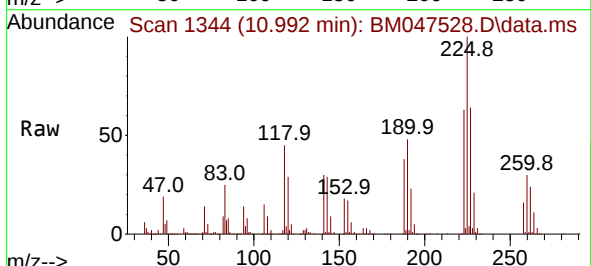
Tgt Ion:127 Resp: 1516874
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.0
65 31.1 25.5 38.3
92 18.3 14.8 22.2

Manual Integrations
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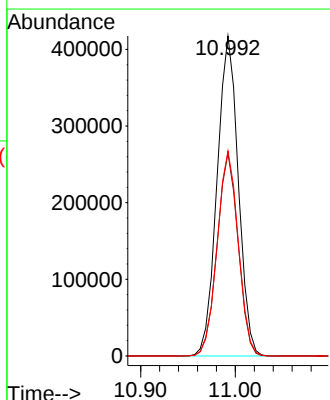
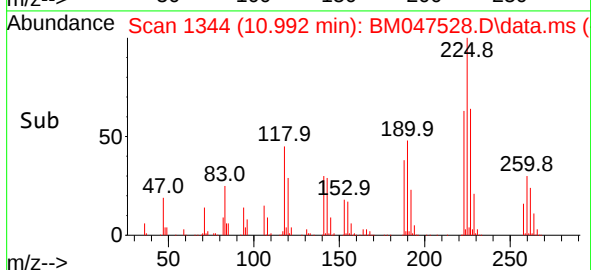
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

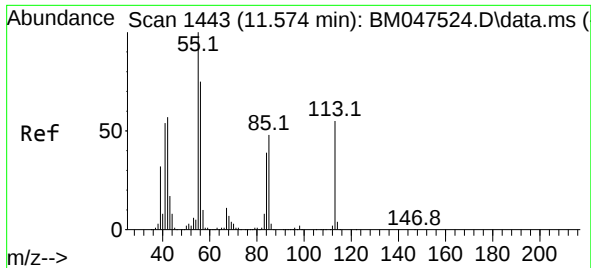


#34
Hexachlorobutadiene
Concen: 39.303 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



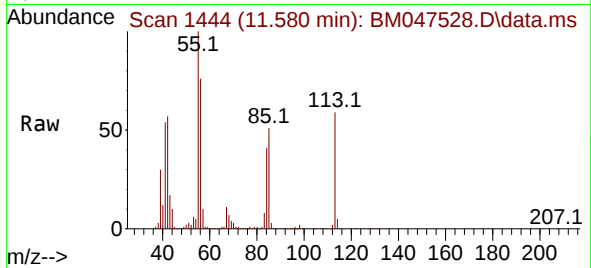
Tgt Ion:225 Resp: 650005
Ion Ratio Lower Upper
225 100
223 63.4 49.8 74.6
227 64.1 51.0 76.4





#35
 Caprolactam
 Concen: 44.462 ng
 RT: 11.580 min Scan# 1444
 Delta R.T. 0.006 min
 Lab File: BM047528.D
 Acq: 14 Sep 2024 17:53

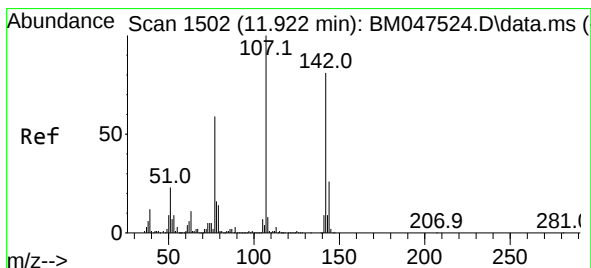
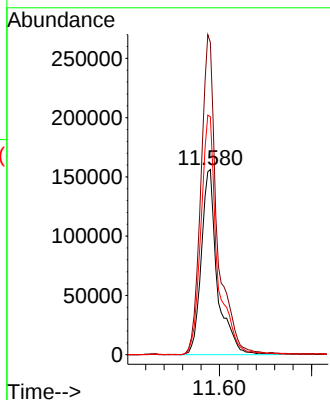
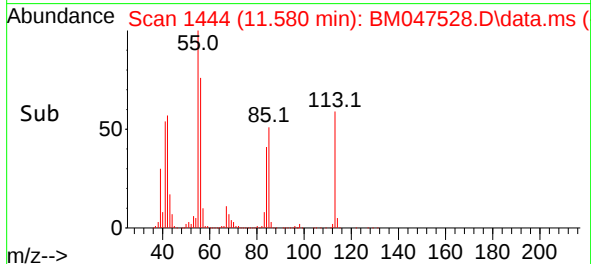
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM091424



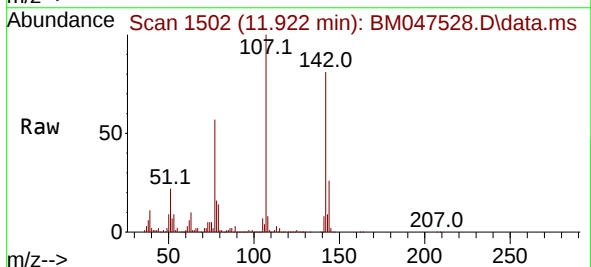
Tgt Ion:113 Resp: 381738
 Ion Ratio Lower Upper
 113 100
 55 168.7 162.5 202.5
 56 128.5 116.5 156.5

Manual Integrations
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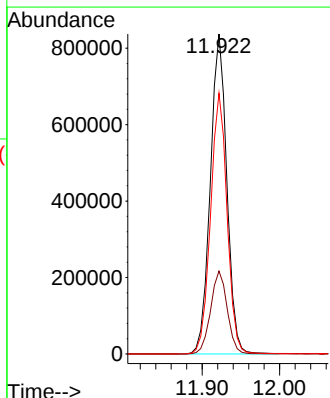
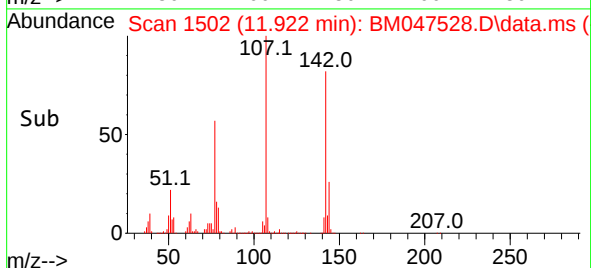
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

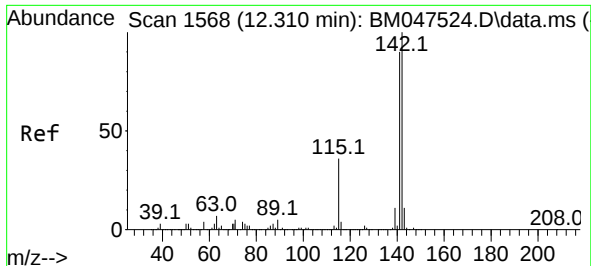


#36
 4-Chloro-3-methylphenol
 Concen: 41.503 ng
 RT: 11.922 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: BM047528.D
 Acq: 14 Sep 2024 17:53



Tgt Ion:107 Resp: 1239823
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 81.5 65.0 97.4





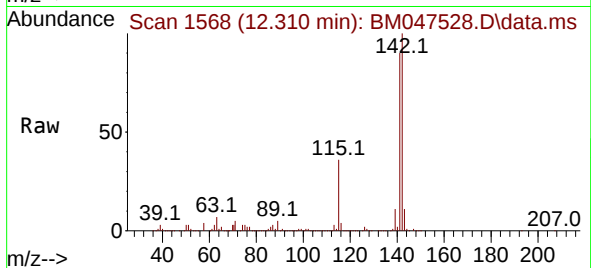
#37
2-Methylnaphthalene
Concen: 40.287 ng
RT: 12.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424



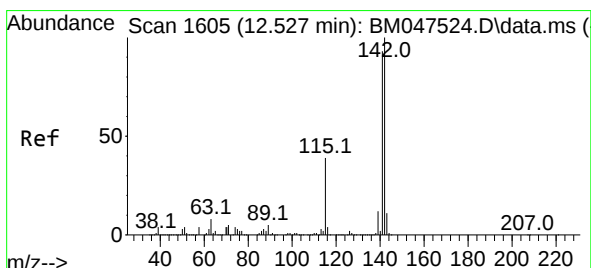
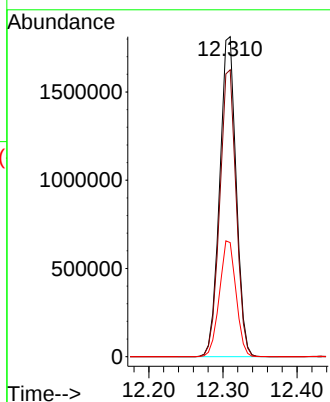
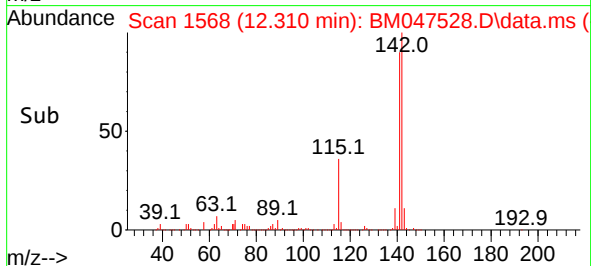
Tgt Ion:142 Resp: 2801320
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4
115 35.7 29.1 43.7

Manual Integrations

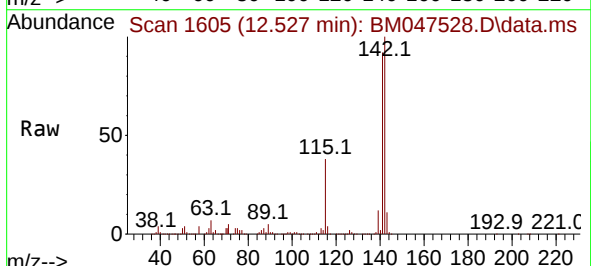
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

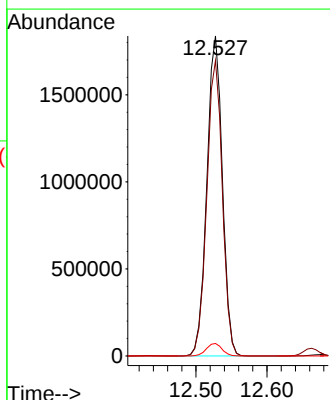
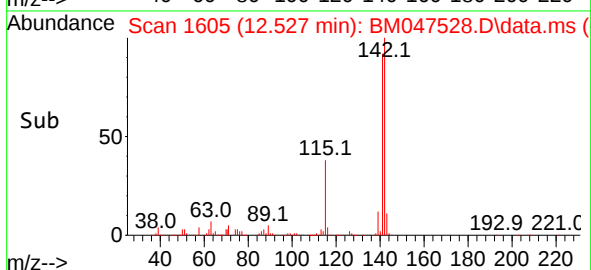
Supervised By :mohammad ahmed 09/17/2024

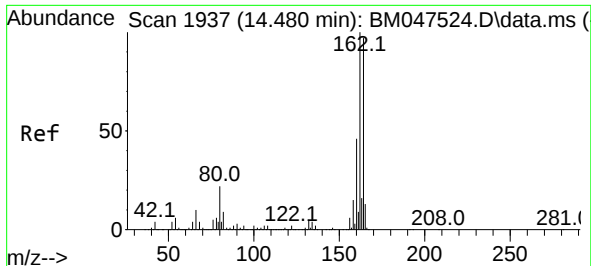


#38
1-Methylnaphthalene
Concen: 40.366 ng
RT: 12.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



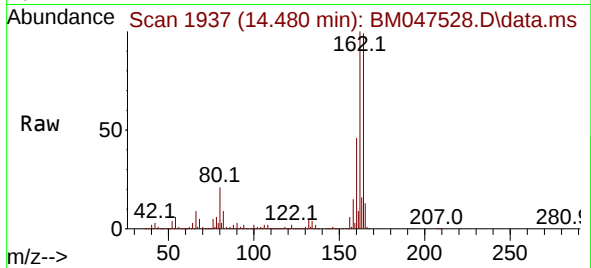
Tgt Ion:142 Resp: 2789337
Ion Ratio Lower Upper
142 100
141 92.4 74.7 112.1
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

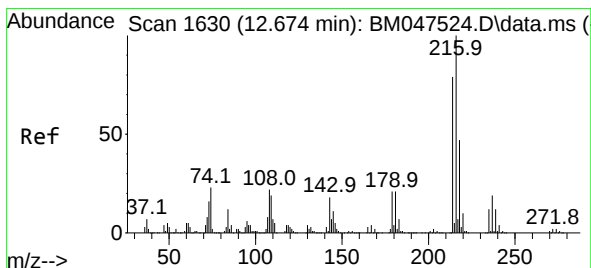
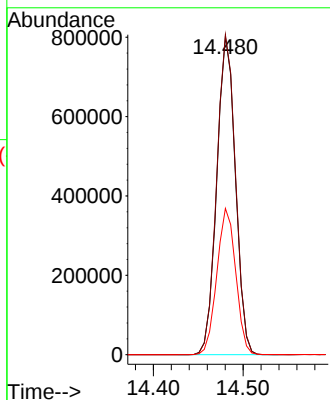
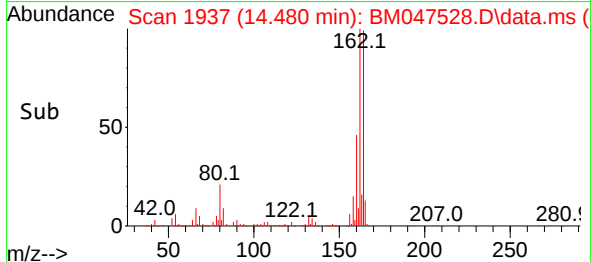
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion:164 Resp: 1155790
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.2
160 46.0 38.2 57.2

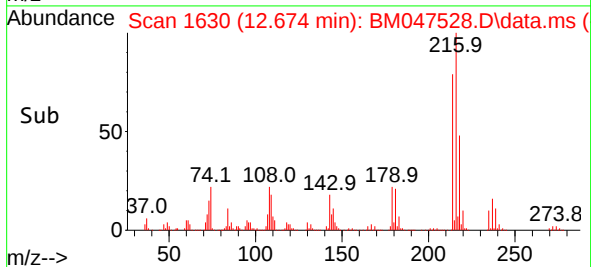
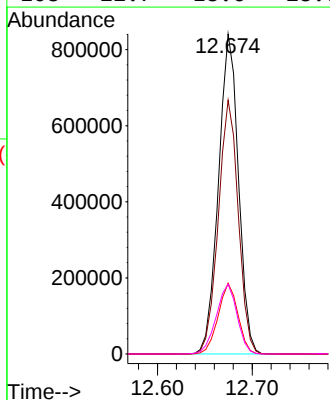
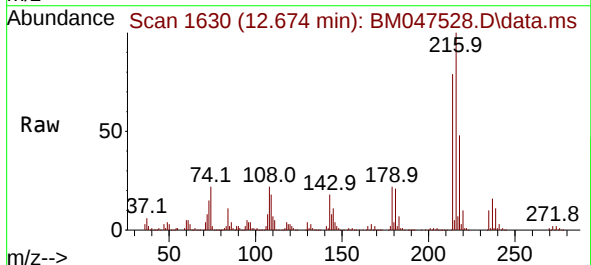
Manual Integrations
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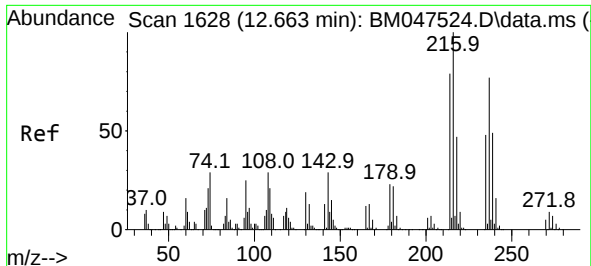
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.423 ng
RT: 12.674 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

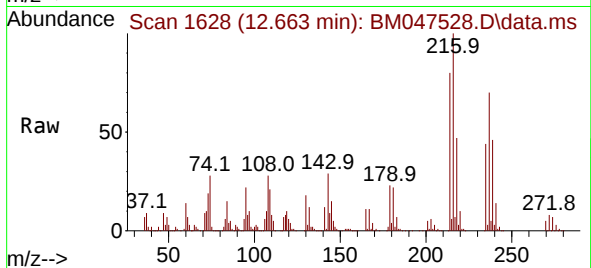
Tgt Ion:216 Resp: 1232956
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 21.9 17.5 26.3
108 22.7 18.6 28.0





#41
Hexachlorocyclopentadiene
Concen: 38.330 ng
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

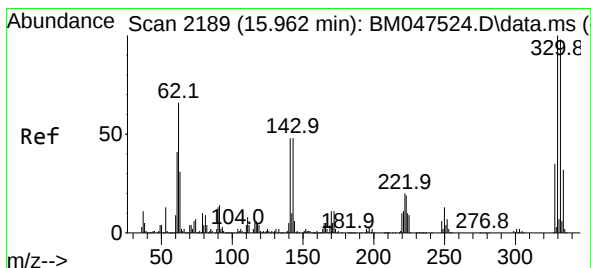
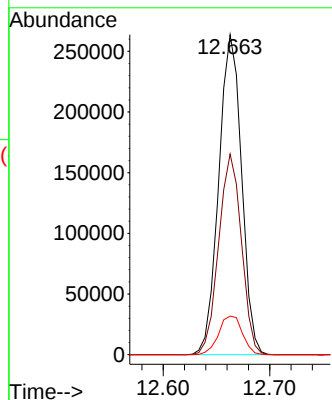
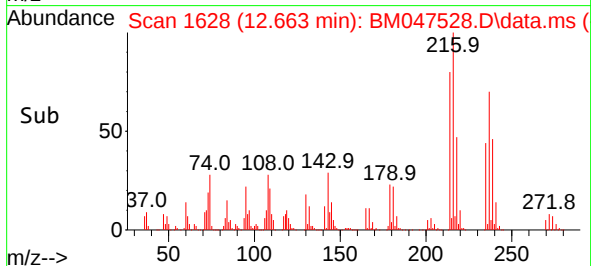
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



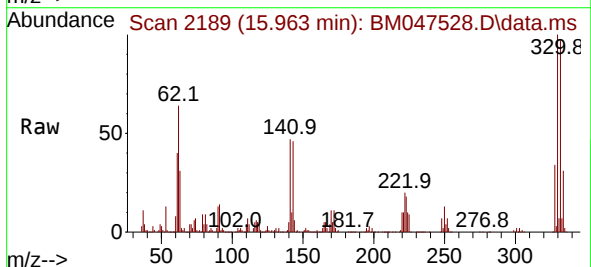
Tgt Ion:237 Resp: 391885
Ion Ratio Lower Upper
237 100
235 62.7 42.0 82.0
272 12.0 0.0 31.5

Manual Integrations
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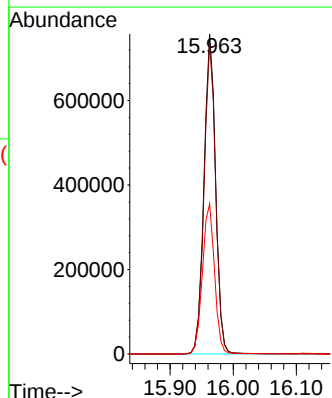
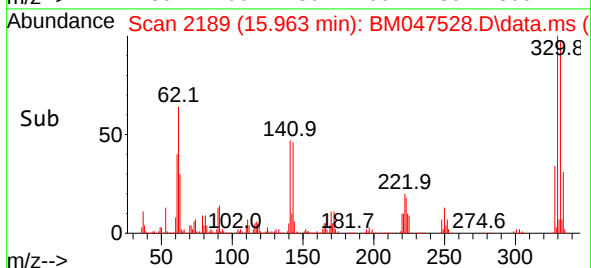
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

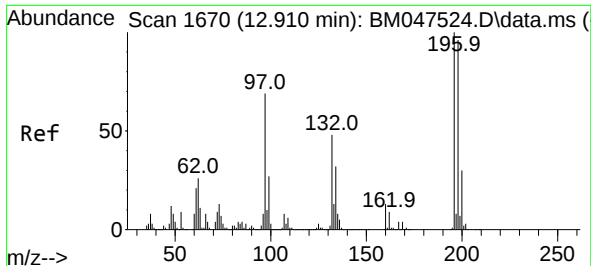


#42
2,4,6-Tribromophenol
Concen: 86.666 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



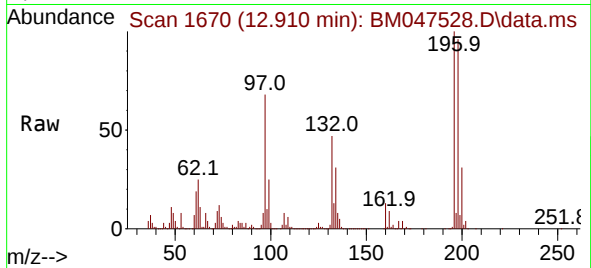
Tgt Ion:330 Resp: 968206
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 48.9 42.2 63.2





#43
2,4,6-Trichlorophenol
Concen: 41.805 ng
RT: 12.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

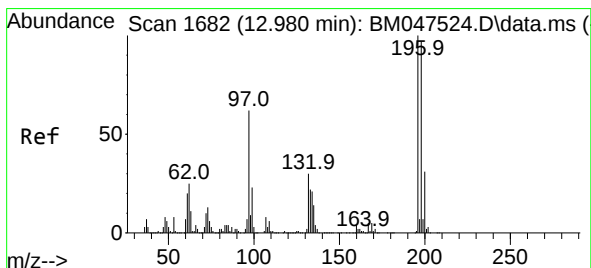
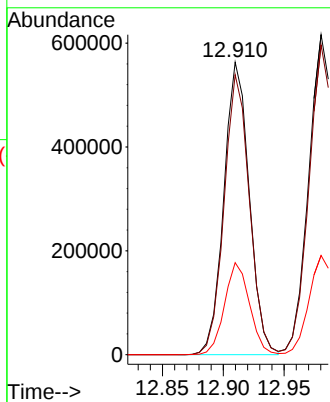
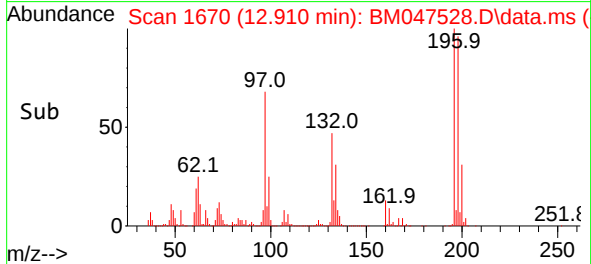
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



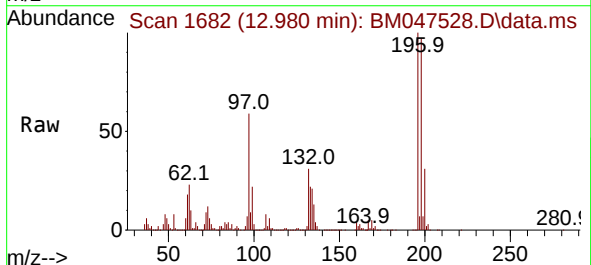
Tgt Ion:196 Resp: 81911
Ion Ratio Lower Upper
196 100
198 95.7 76.9 115.3
200 31.5 24.3 36.5

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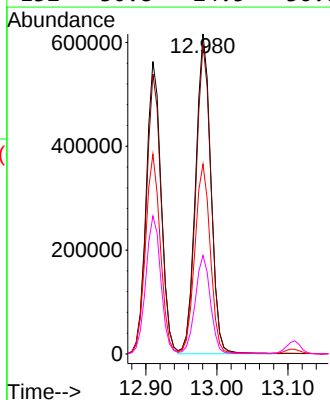
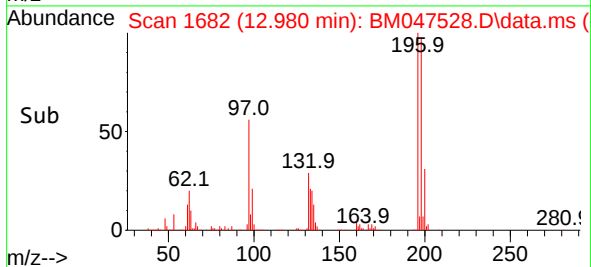
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

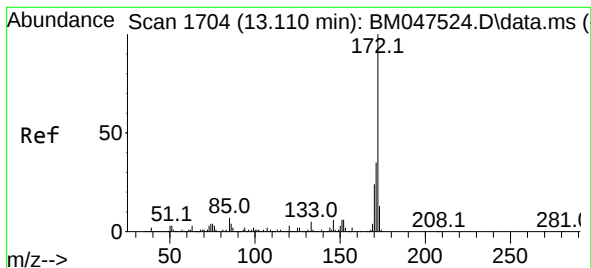


#44
2,4,5-Trichlorophenol
Concen: 41.595 ng
RT: 12.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



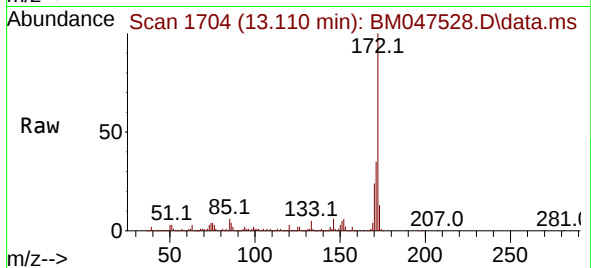
Tgt Ion:196 Resp: 920532
Ion Ratio Lower Upper
196 100
198 96.8 77.4 116.2
97 59.3 49.8 74.8
132 30.8 24.5 36.7





#45
2-Fluorobiphenyl
Concen: 80.575 ng
RT: 13.110 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

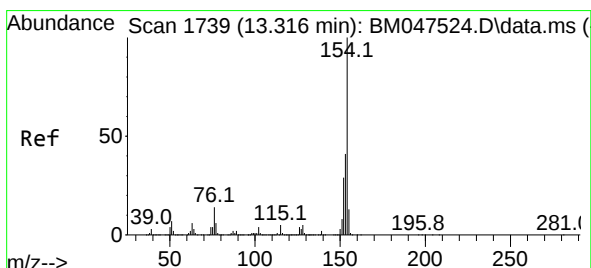
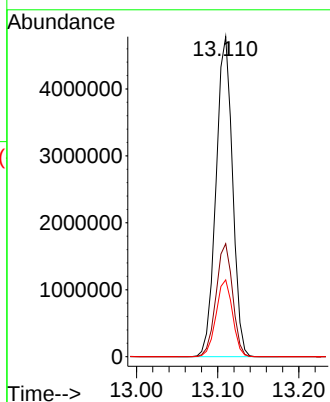
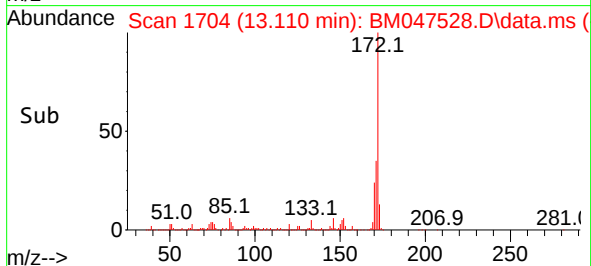
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



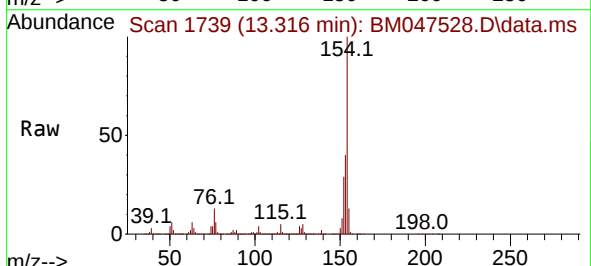
Tgt Ion:172 Resp: 6760498
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 19.4 29.0

Manual Integrations
APPROVED

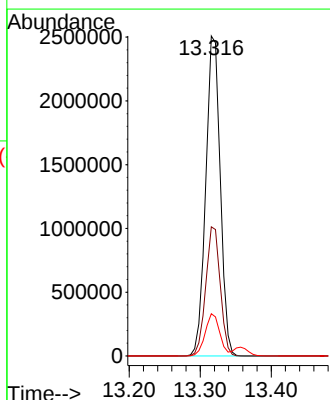
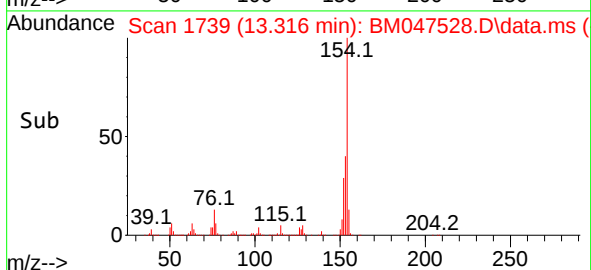
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

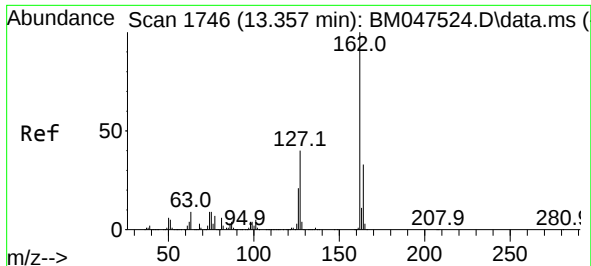


#46
1,1'-Biphenyl
Concen: 39.616 ng
RT: 13.316 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



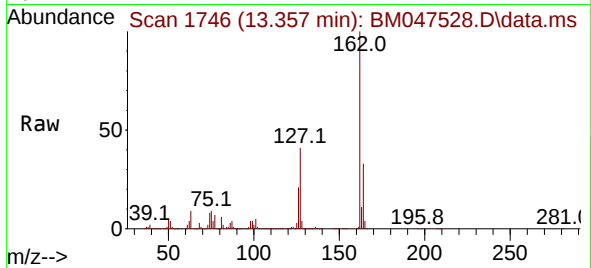
Tgt Ion:154 Resp: 3562522
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 13.2 0.0 33.9





#47
2-Chloronaphthalene
Concen: 39.789 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

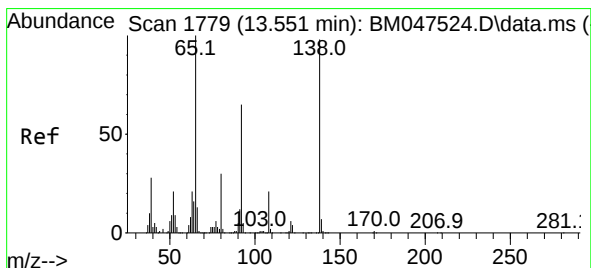
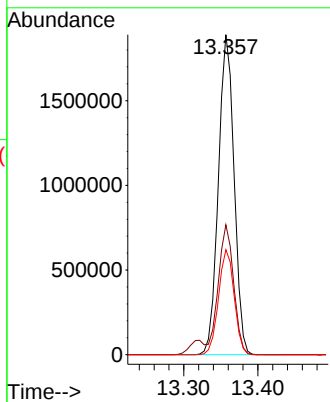
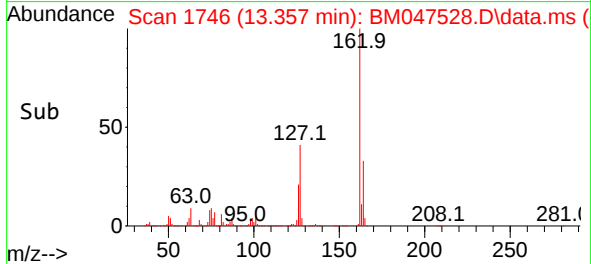
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion:162 Resp: 2778294
Ion Ratio Lower Upper
162 100
127 40.6 32.2 48.4
164 32.8 26.3 39.5

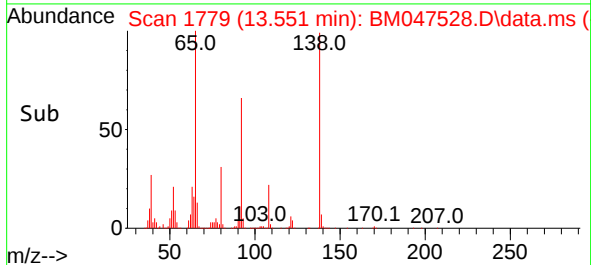
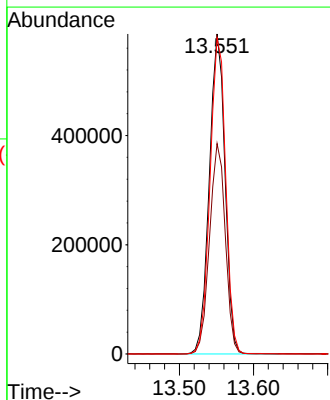
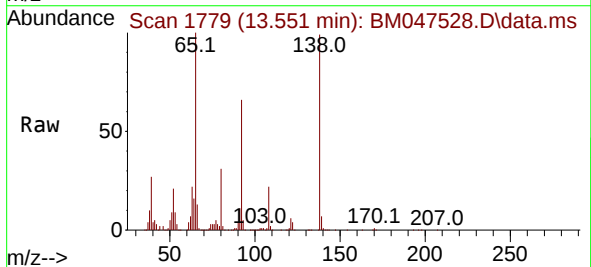
Manual Integrations
APPROVED

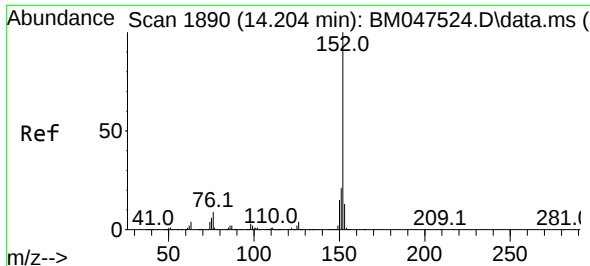
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#48
2-Nitroaniline
Concen: 42.070 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

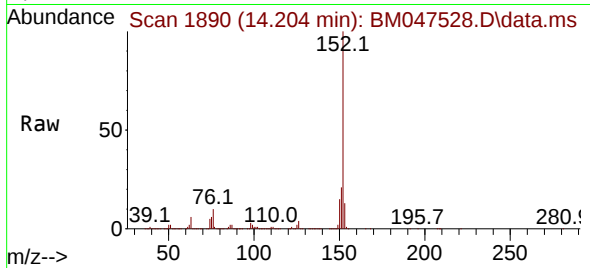
Tgt Ion: 65 Resp: 862825
Ion Ratio Lower Upper
65 100
92 65.8 51.9 77.9
138 98.8 78.5 117.7





#49
Acenaphthylene
Concen: 40.313 ng
RT: 14.204 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

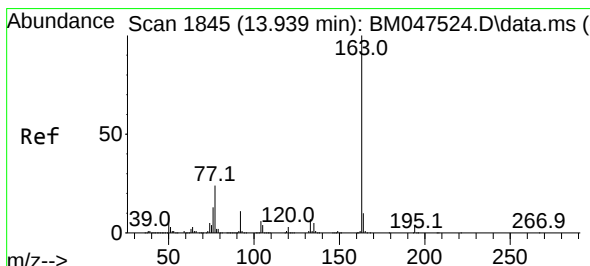
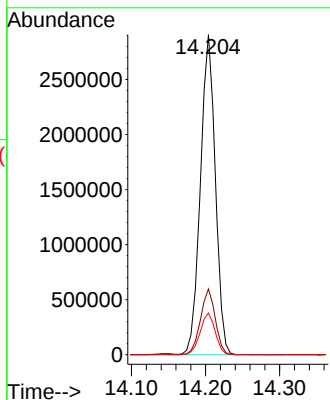
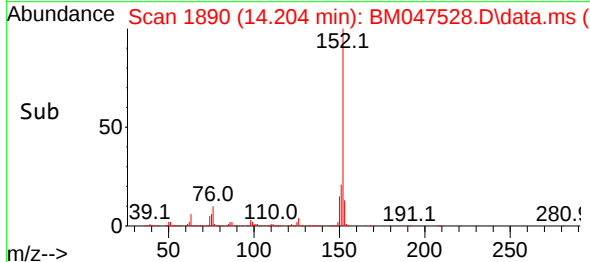
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



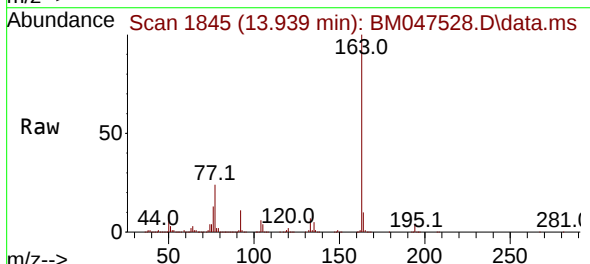
Tgt Ion:152 Resp: 406212
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.1 10.4 15.6

Manual Integrations
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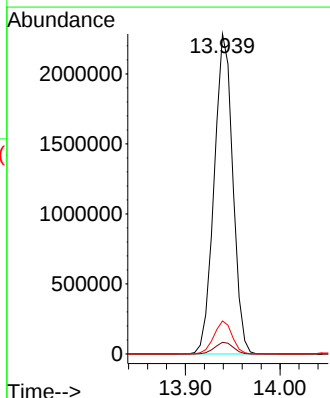
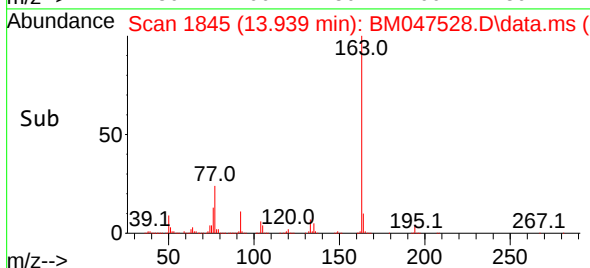
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

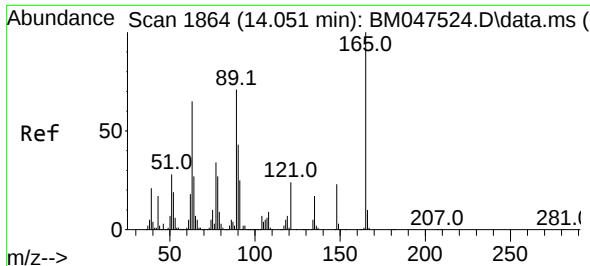


#50
Dimethylphthalate
Concen: 39.733 ng
RT: 13.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



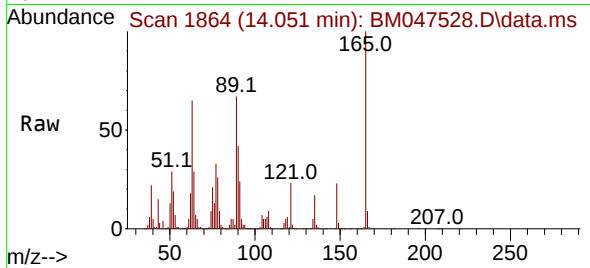
Tgt Ion:163 Resp: 3130077
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.664 ng
RT: 14.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

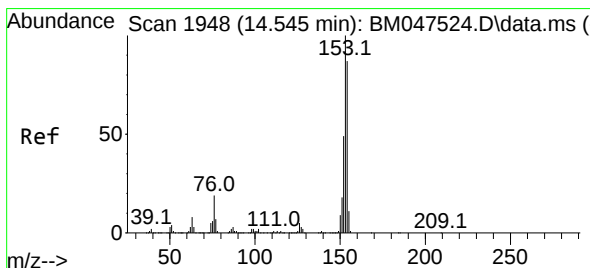
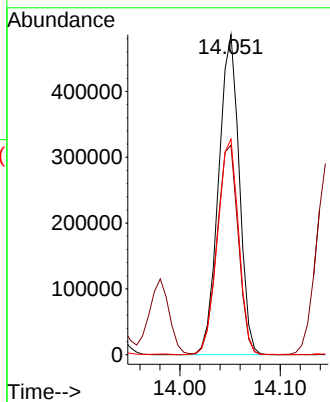
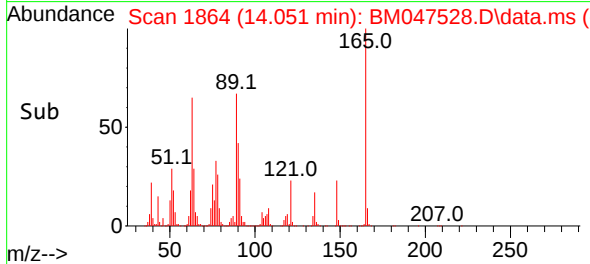
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion:165 Resp: 692880
Ion Ratio Lower Upper
165 100
63 65.5 54.2 81.2
89 67.4 56.4 84.6

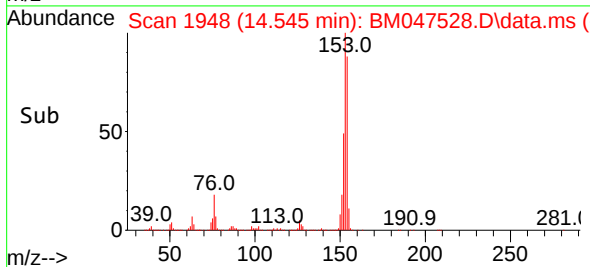
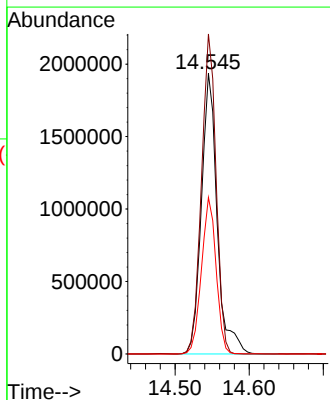
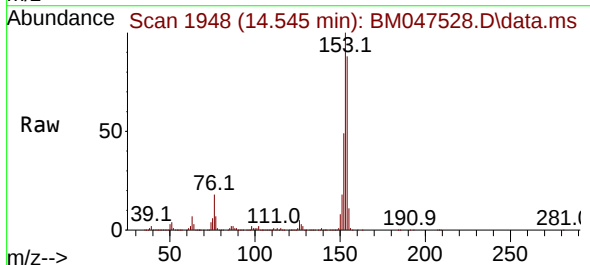
Manual Integrations
APPROVED

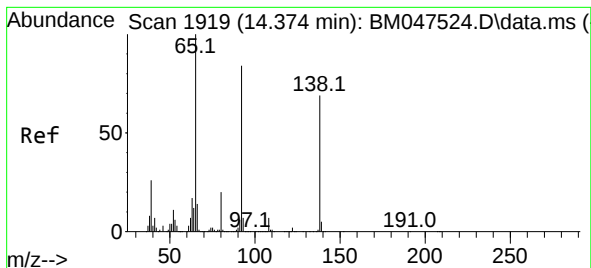
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#52
Acenaphthene
Concen: 40.442 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

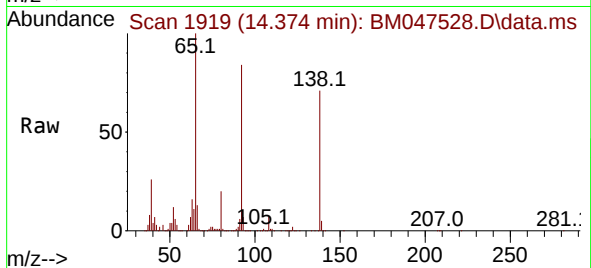
Tgt Ion:154 Resp: 2855304
Ion Ratio Lower Upper
154 100
153 114.1 92.2 138.2
152 55.8 45.4 68.0





#53
3-Nitroaniline
Concen: 42.236 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

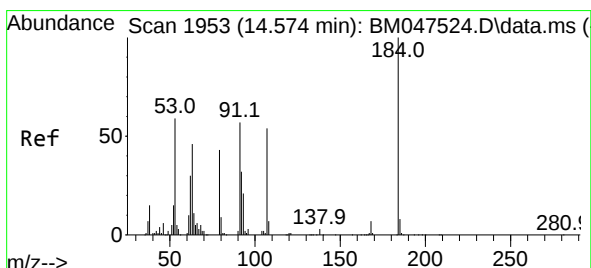
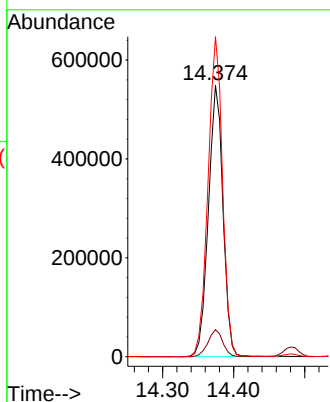
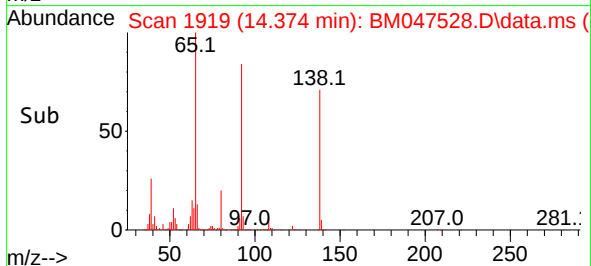
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



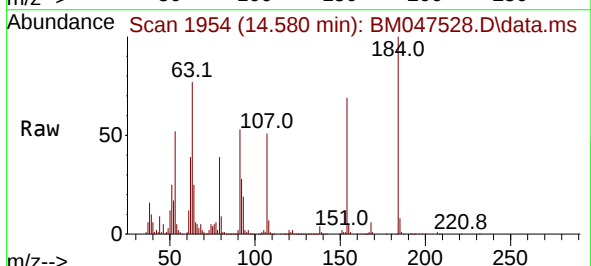
Tgt Ion:138 Resp: 78070
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 117.9 97.4 146.0

Manual Integrations
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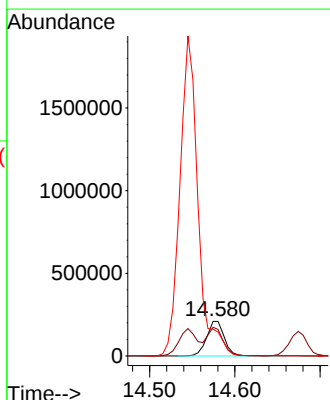
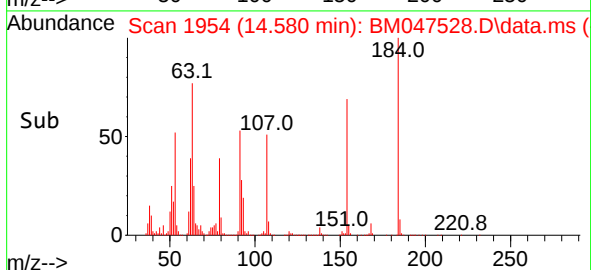
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

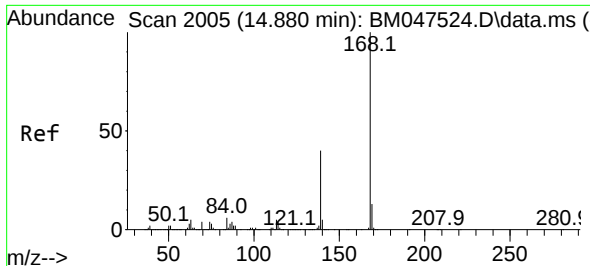


#54
2,4-Dinitrophenol
Concen: 41.320 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



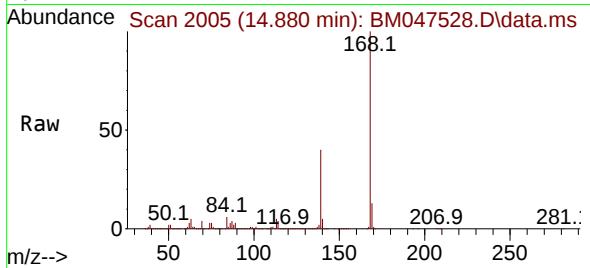
Tgt Ion:184 Resp: 303273
Ion Ratio Lower Upper
184 100
63 76.9 69.4 104.0
154 68.7 60.4 90.6





#55
Dibenzenofuran
Concen: 39.603 ng
RT: 14.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

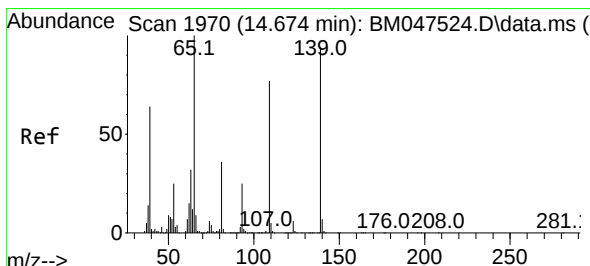
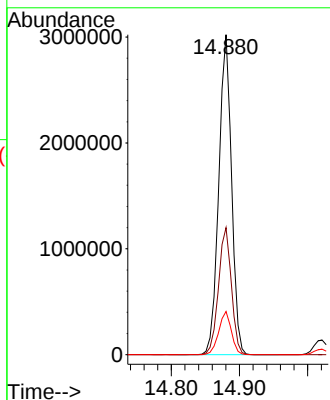
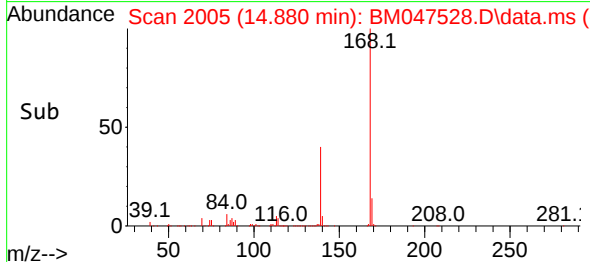
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



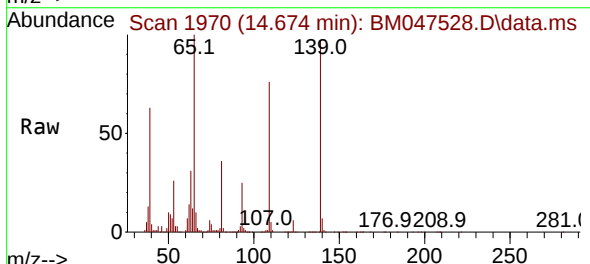
Tgt Ion:168 Resp: 392908
Ion Ratio Lower Upper
168 100
139 39.7 31.9 47.9
169 13.5 10.5 15.7

Manual Integrations
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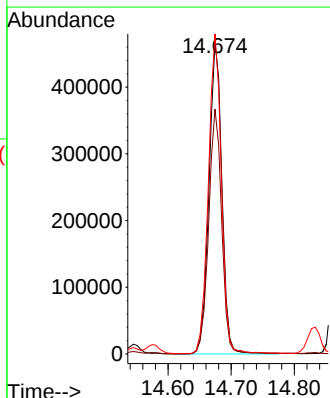
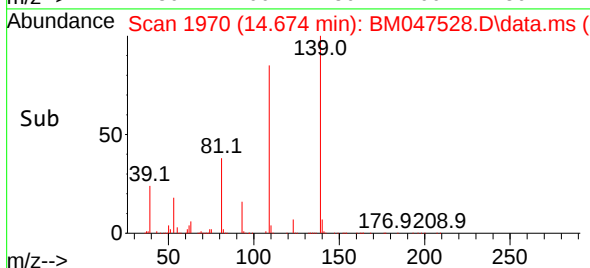
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

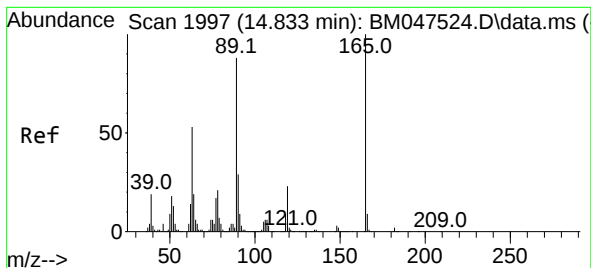


#56
4-Nitrophenol
Concen: 43.814 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



Tgt Ion:139 Resp: 666432
Ion Ratio Lower Upper
139 100
109 78.6 62.0 102.0
65 102.7 87.0 127.0





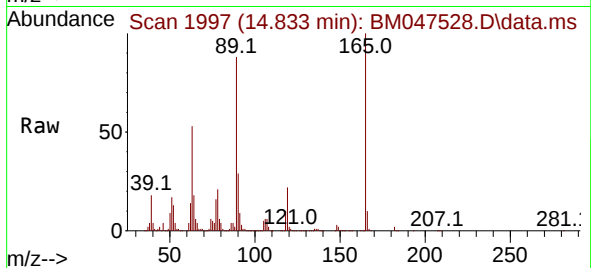
#57
2,4-Dinitrotoluene
Concen: 42.569 ng
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

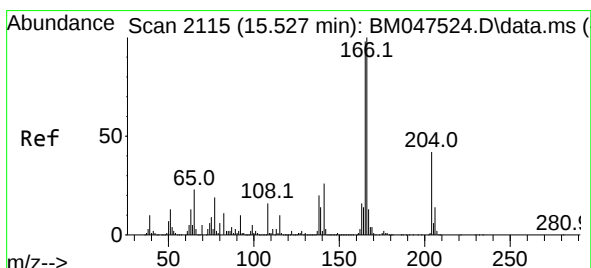
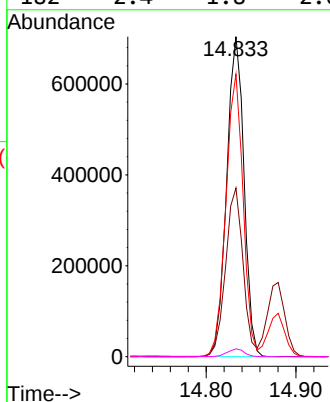
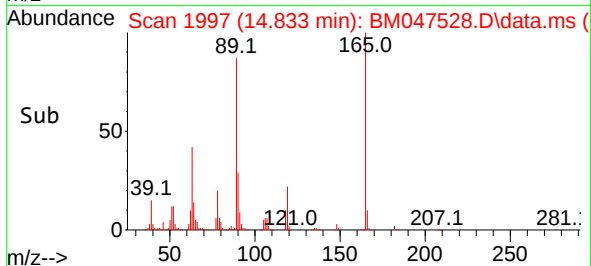


Tgt Ion:165 Resp: 94415
Ion Ratio Lower Upper
165 100
63 52.7 42.4 63.6
89 88.3 70.5 105.7
182 2.4 1.8 2.6

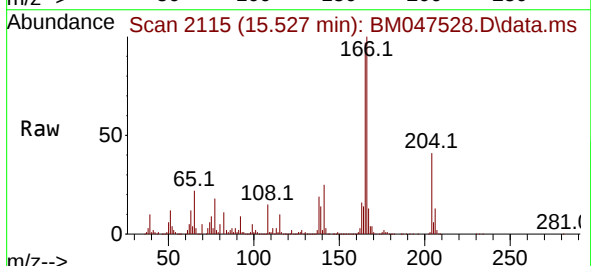
Manual Integrations

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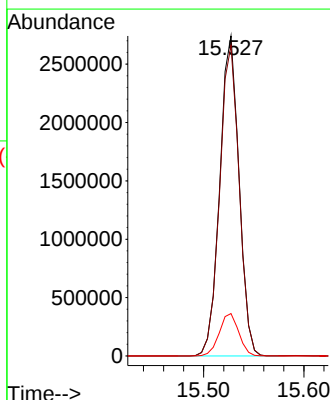
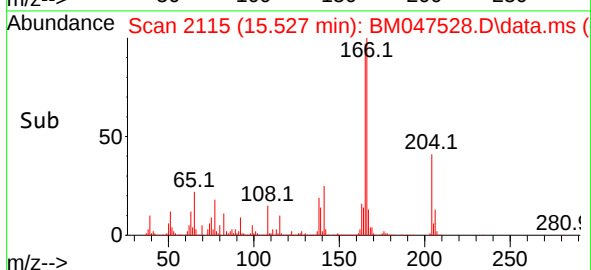
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

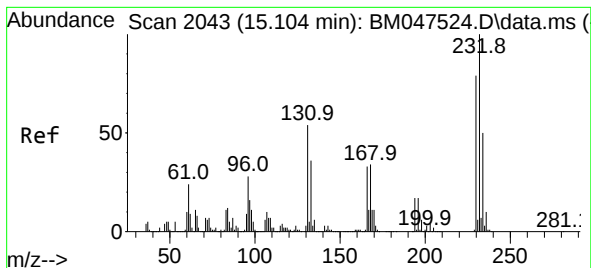


#58
Fluorene
Concen: 40.896 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



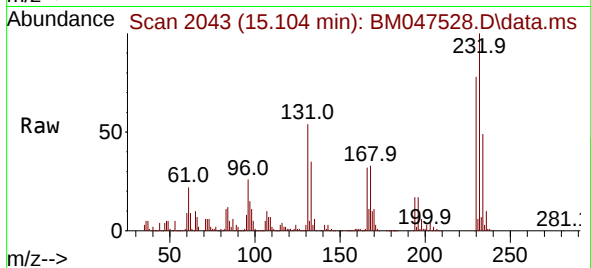
Tgt Ion:166 Resp: 3652975
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.395 ng
RT: 15.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

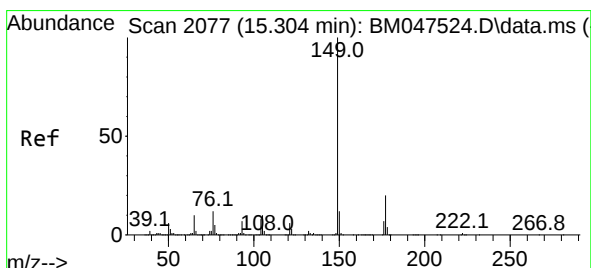
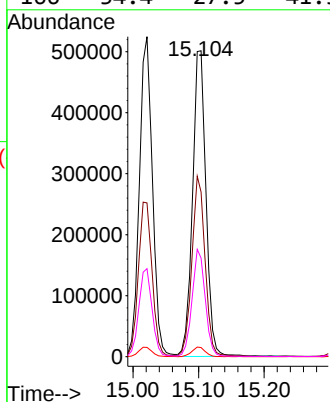
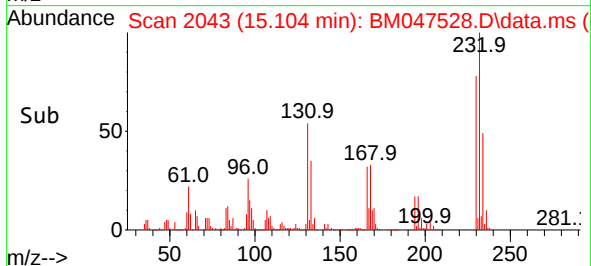
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



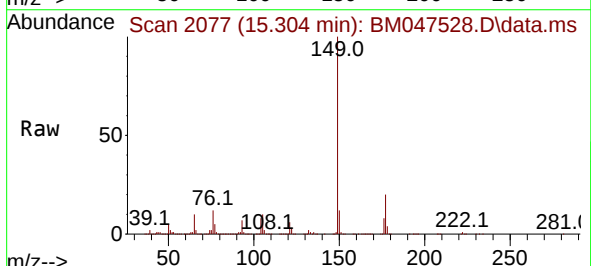
Tgt Ion:232 Resp: 714250
Ion Ratio Lower Upper
232 100
131 58.1 47.0 70.4
130 3.2 2.6 3.8
166 34.4 27.5 41.3

Manual Integrations
APPROVED

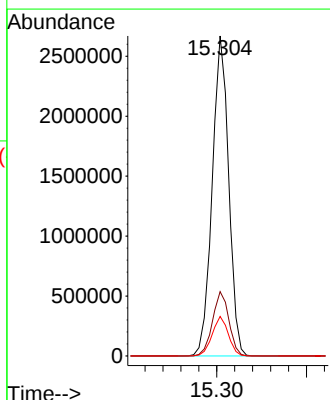
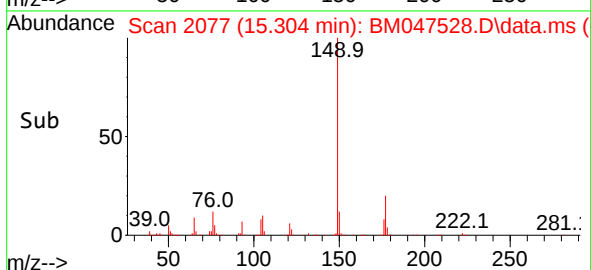
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

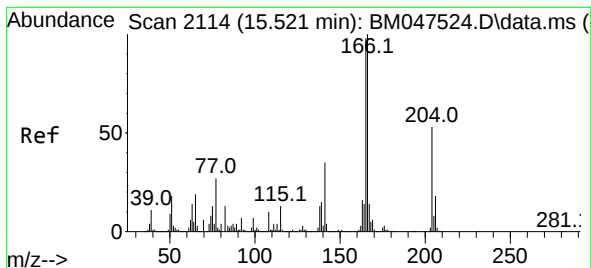


#60
Diethylphthalate
Concen: 40.482 ng
RT: 15.304 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



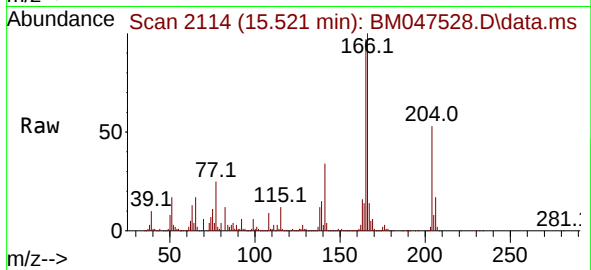
Tgt Ion:149 Resp: 3394013
Ion Ratio Lower Upper
149 100
177 20.1 15.8 23.8
150 12.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 40.407 ng
RT: 15.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

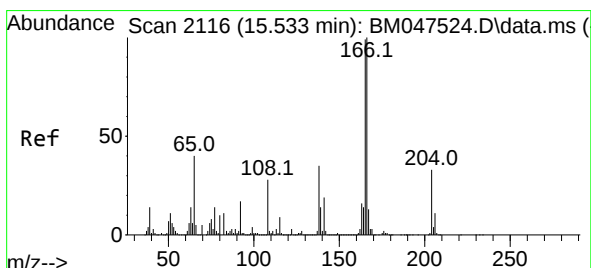
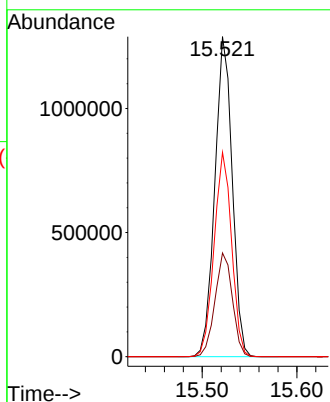
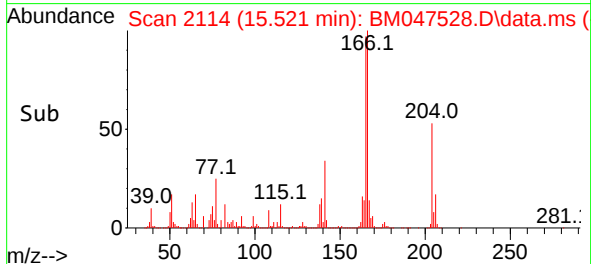
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



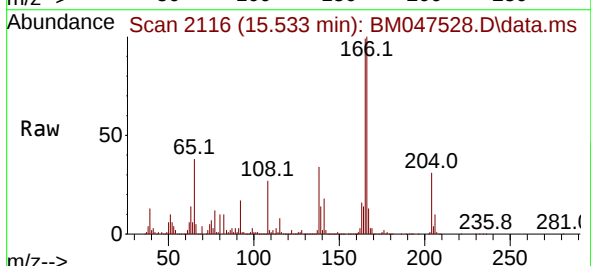
Tgt Ion:204 Resp: 165031
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 63.8 52.1 78.1

Manual Integrations
APPROVED

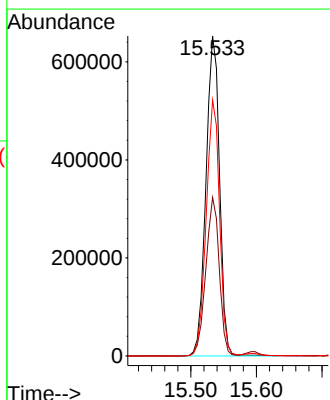
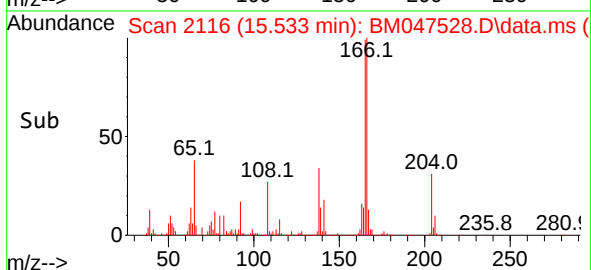
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

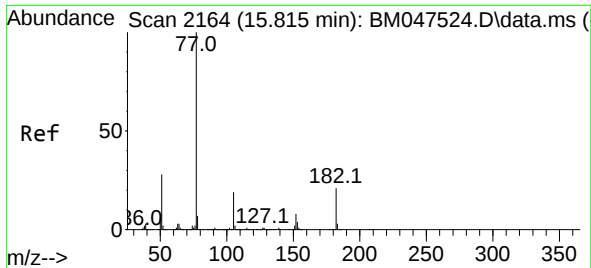


#62
4-Nitroaniline
Concen: 43.422 ng
RT: 15.533 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53



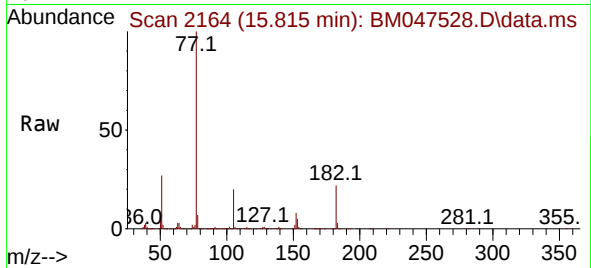
Tgt Ion:138 Resp: 943457
Ion Ratio Lower Upper
138 100
92 49.6 30.0 70.0
108 80.0 61.7 101.7





#63
Azobenzene
Concen: 39.412 ng
RT: 15.815 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

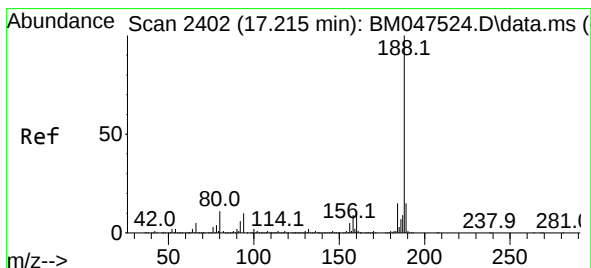
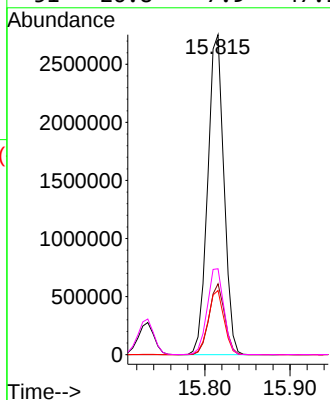
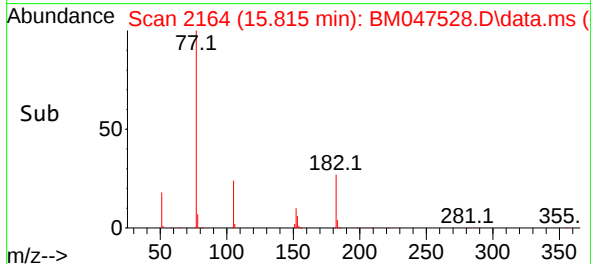
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion: 77 Resp: 3638400
Ion Ratio Lower Upper
77 100
182 22.2 1.2 41.2
105 20.0 0.0 39.4
51 26.8 7.9 47.9

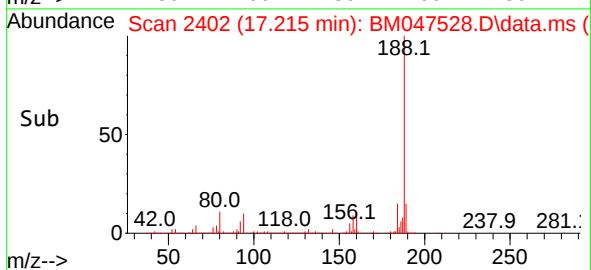
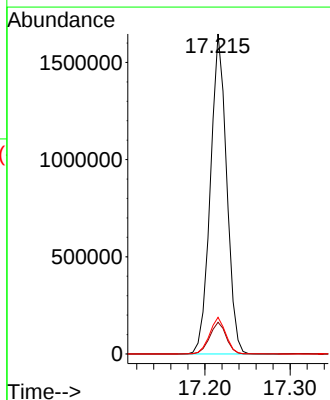
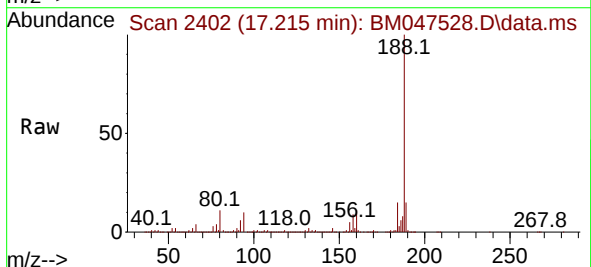
Manual Integrations
APPROVED

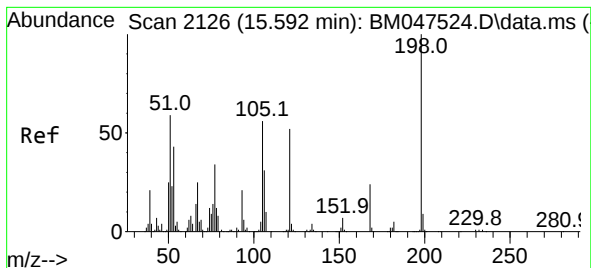
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

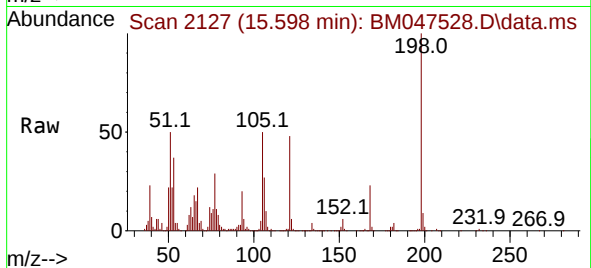
Tgt Ion:188 Resp: 2184120
Ion Ratio Lower Upper
188 100
94 9.9 8.4 12.6
80 11.4 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 39.815 ng
RT: 15.598 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

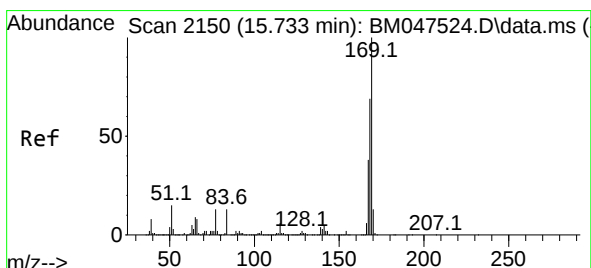
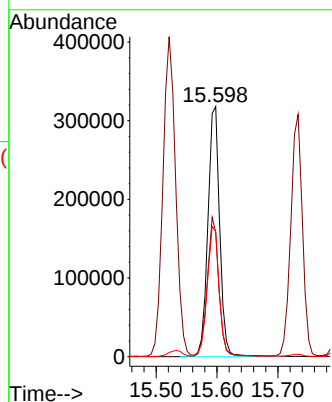
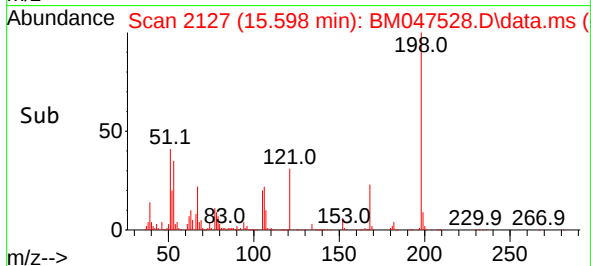
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion:198 Resp: 426927
Ion Ratio Lower Upper
198 100
51 49.6 41.5 81.5
105 50.1 36.4 76.4

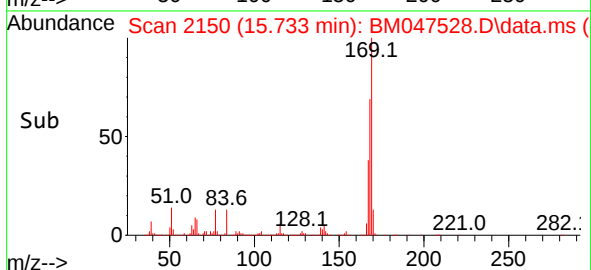
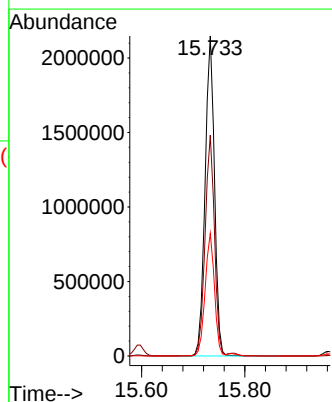
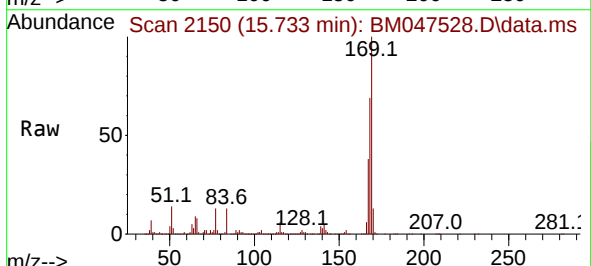
Manual Integrations
APPROVED

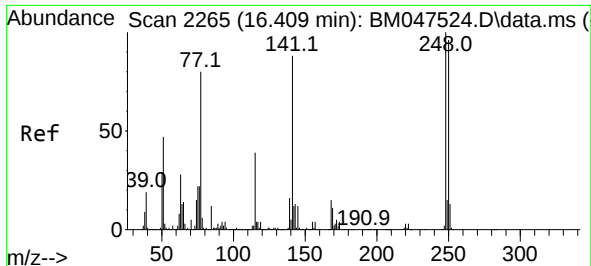
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#66
n-Nitrosodiphenylamine
Concen: 40.550 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:169 Resp: 2709417
Ion Ratio Lower Upper
169 100
168 69.0 55.3 82.9
167 38.3 30.5 45.7





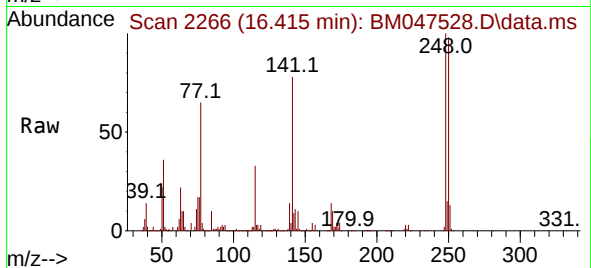
#67
4-Bromophenyl-phenylether
Concen: 40.870 ng
RT: 16.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

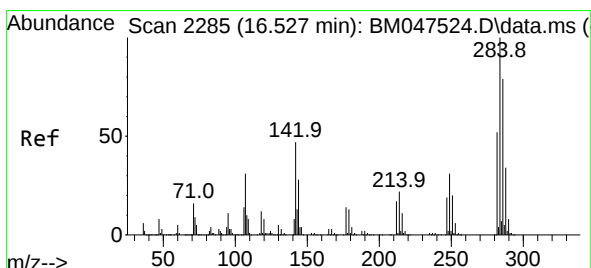
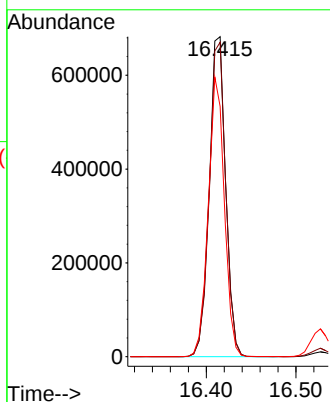
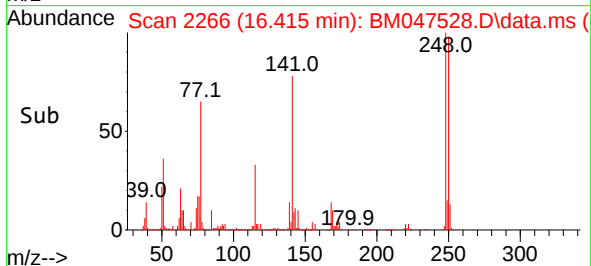


Tgt Ion:248 Resp: 86735
Ion Ratio Lower Upper
248 100
250 98.2 76.9 115.3
141 78.2 70.8 106.2

Manual Integrations

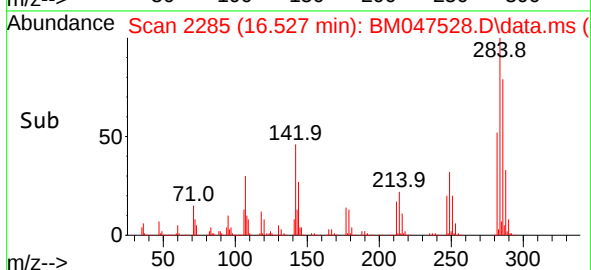
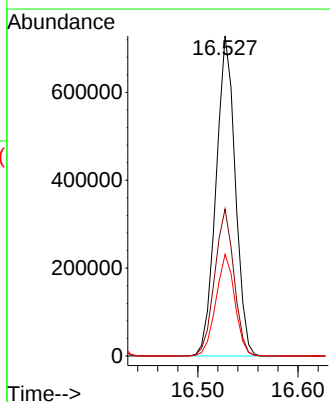
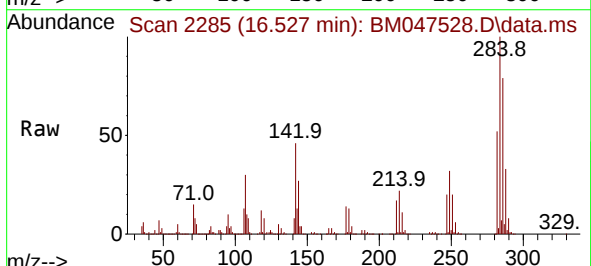
APPROVED

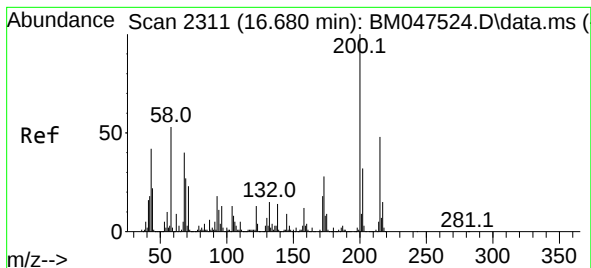
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#68
Hexachlorobenzene
Concen: 40.377 ng
RT: 16.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:284 Resp: 970735
Ion Ratio Lower Upper
284 100
142 45.9 37.3 55.9
249 31.8 24.5 36.7





#69

Atrazine

Concen: 41.735 ng

RT: 16.680 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

Tgt Ion:200 Resp: 770740

Ion Ratio Lower Upper

200 100

173 27.1 7.7 47.7

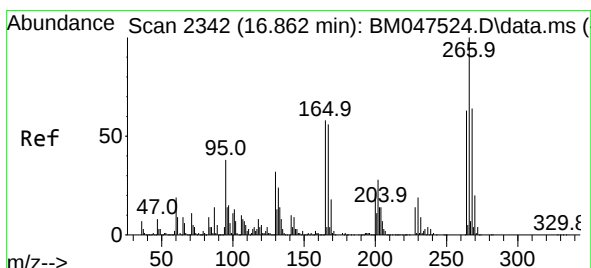
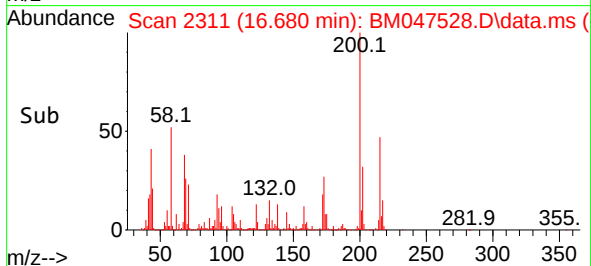
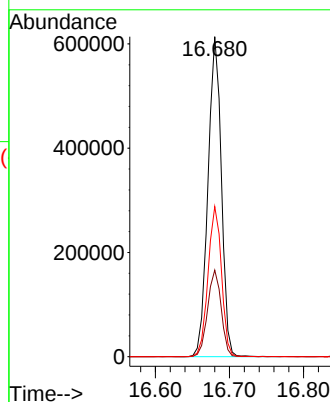
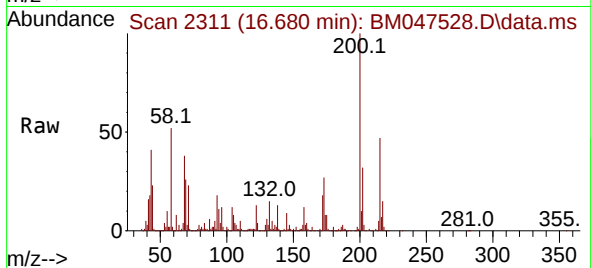
215 46.9 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#70

Pentachlorophenol

Concen: 44.695 ng

RT: 16.862 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

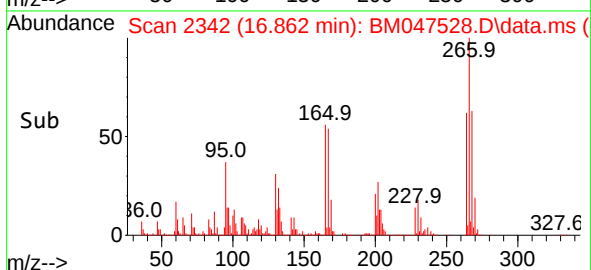
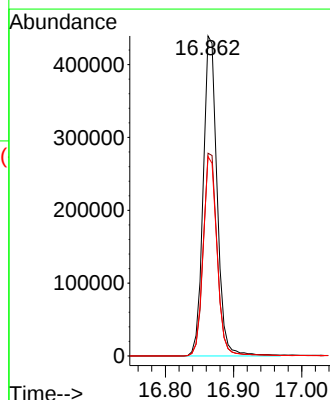
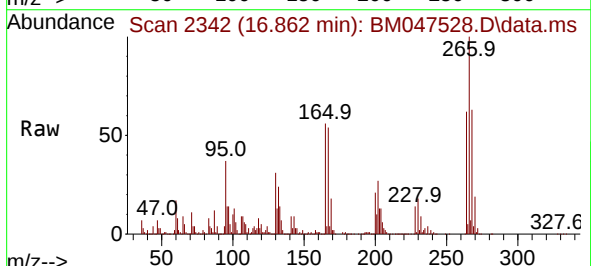
Tgt Ion:266 Resp: 622891

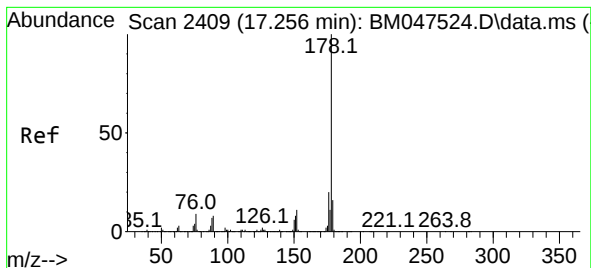
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.4

264 62.3 50.4 75.6





#71

Phenanthrene

Concen: 39.903 ng

RT: 17.257 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

Tgt Ion:178 Resp: 480298

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

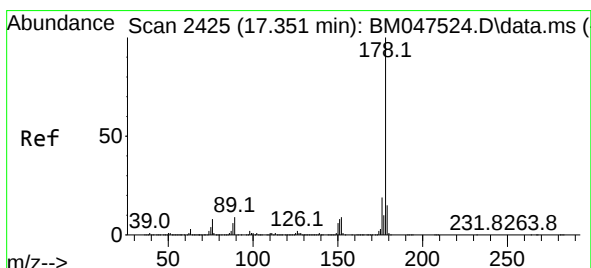
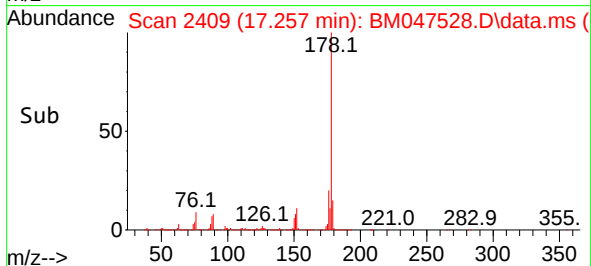
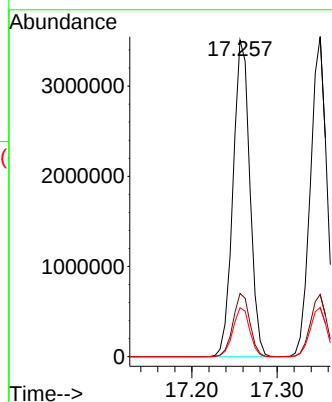
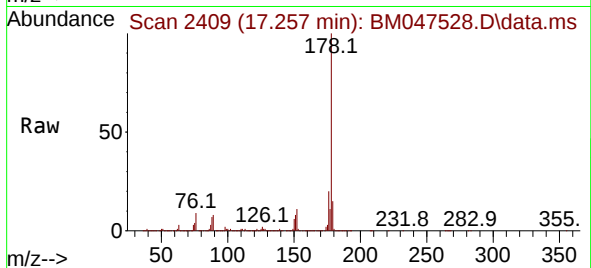
179 15.4 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#72

Anthracene

Concen: 40.965 ng

RT: 17.351 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

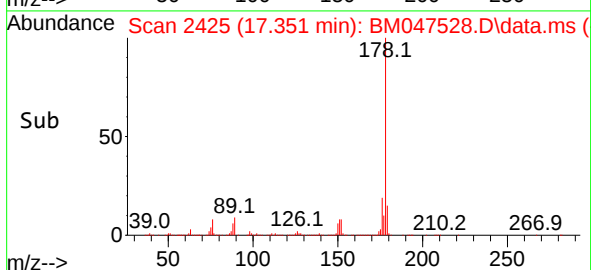
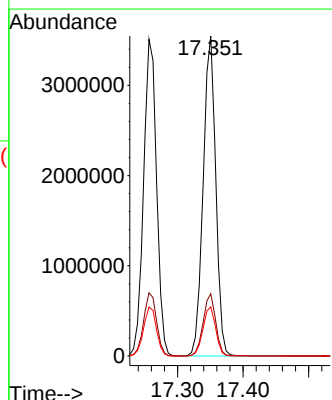
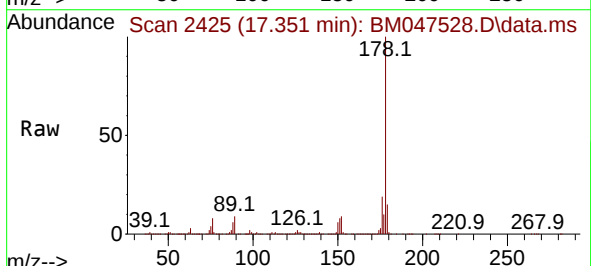
Tgt Ion:178 Resp: 4737394

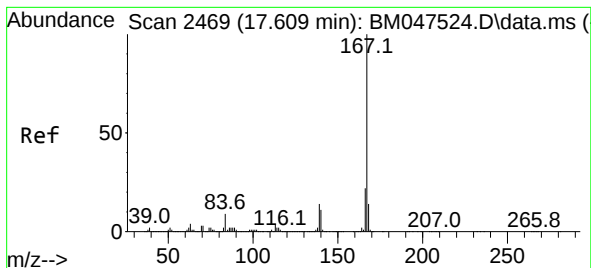
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.3 12.3 18.5





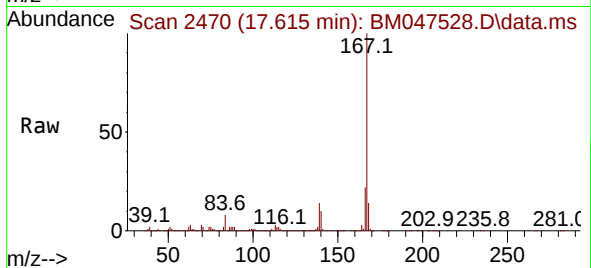
#73
 Carbazole
 Concen: 41.301 ng
 RT: 17.615 min Scan# 2469
 Delta R.T. 0.006 min
 Lab File: BM047528.D
 Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424



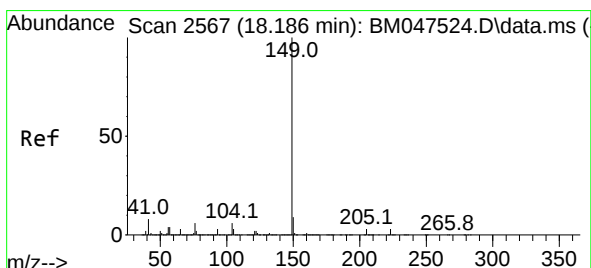
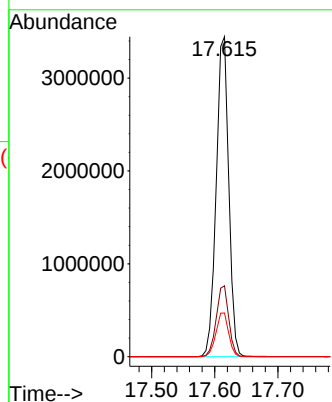
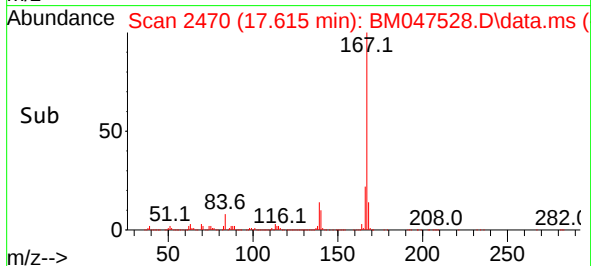
Tgt Ion:167 Resp: 4733275
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.6 11.0 16.6

Manual Integrations

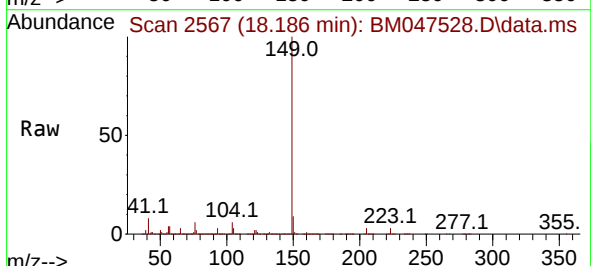
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

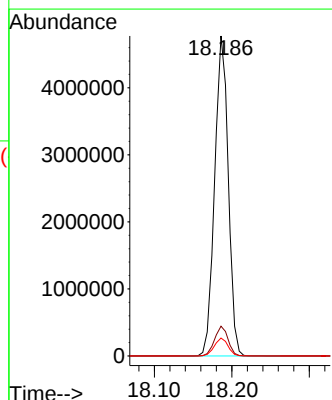
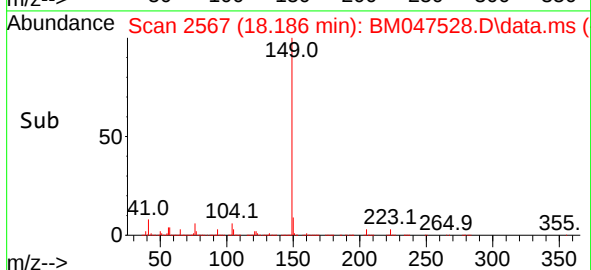
Supervised By :mohammad ahmed 09/17/2024

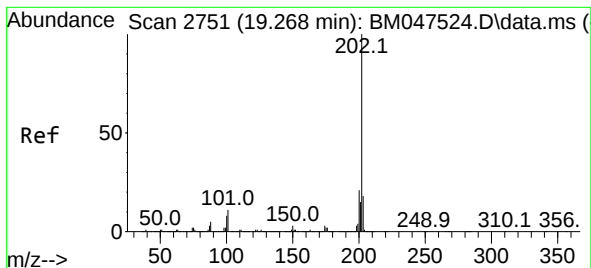


#74
 Di-n-butylphthalate
 Concen: 42.350 ng
 RT: 18.186 min Scan# 2567
 Delta R.T. 0.000 min
 Lab File: BM047528.D
 Acq: 14 Sep 2024 17:53



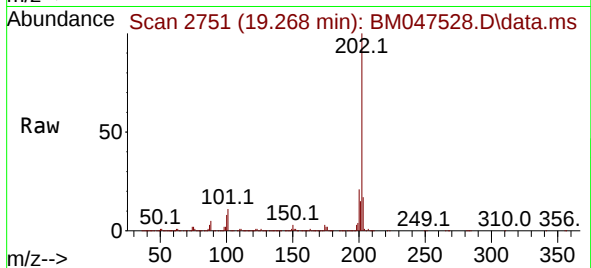
Tgt Ion:149 Resp: 5807192
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.6 4.6 6.8





#75
Fluoranthene
Concen: 42.122 ng
RT: 19.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

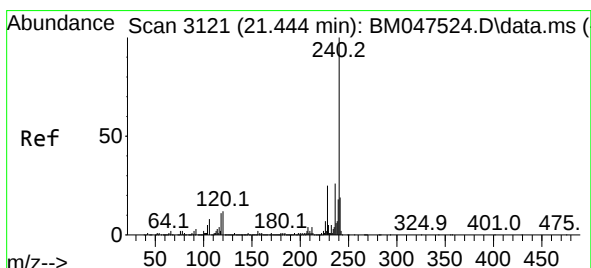
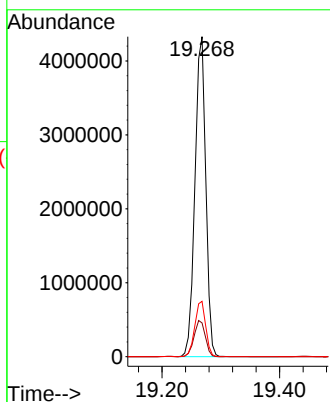
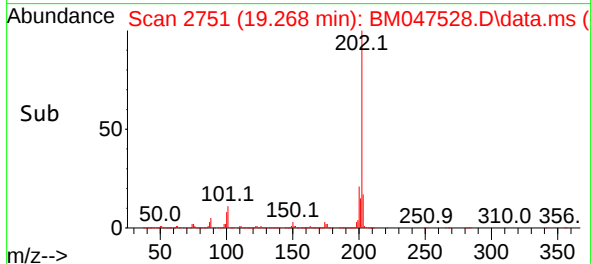
Instrument :
BNA_M
ClientSampleId :
ICVBM091424



Tgt Ion:202 Resp: 553183
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.8
203 17.3 0.0 37.7

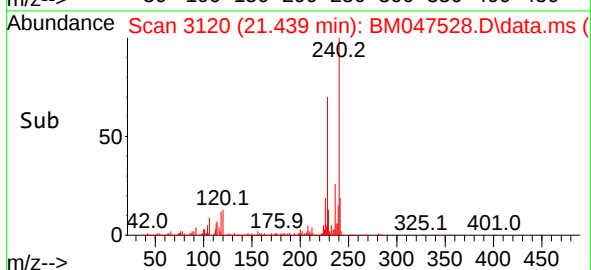
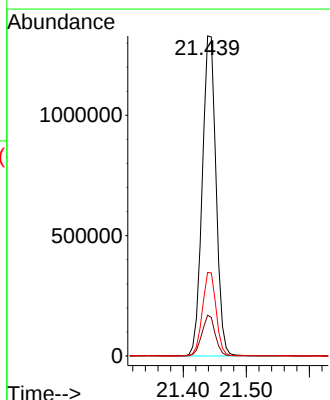
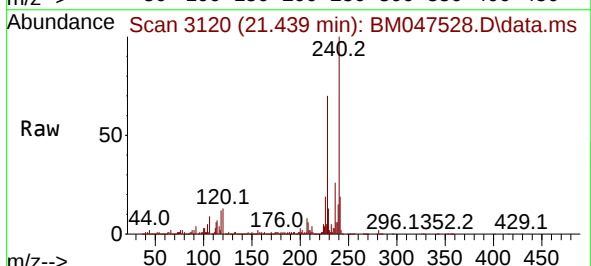
Manual Integrations
APPROVED

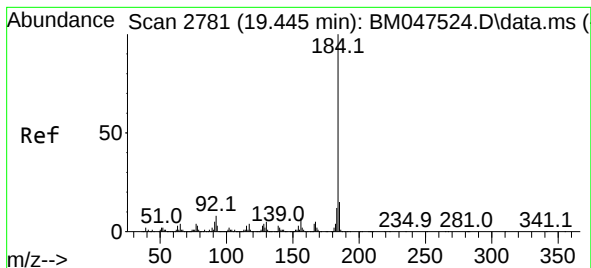
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047528.D
Acq: 14 Sep 2024 17:53

Tgt Ion:240 Resp: 2018814
Ion Ratio Lower Upper
240 100
120 12.7 9.6 14.4
236 26.1 20.9 31.3





#77

Benzidine

Concen: 36.773 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

Tgt Ion:184 Resp: 1045554

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

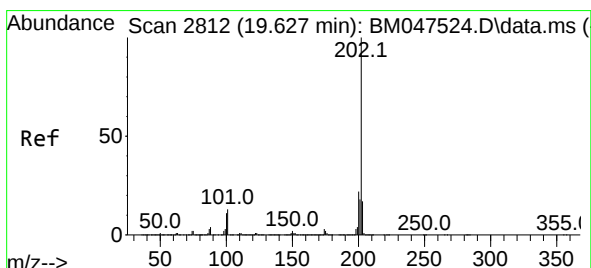
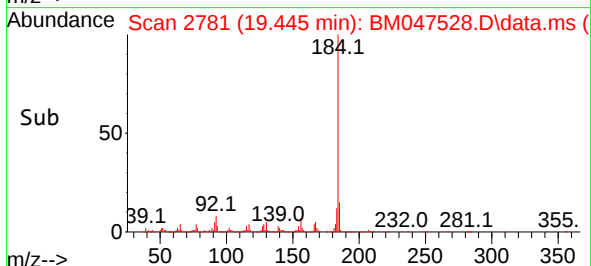
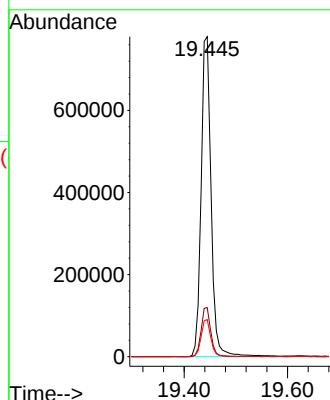
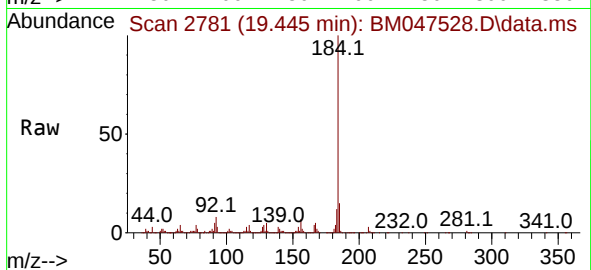
183 11.6 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#78

Pyrene

Concen: 39.792 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

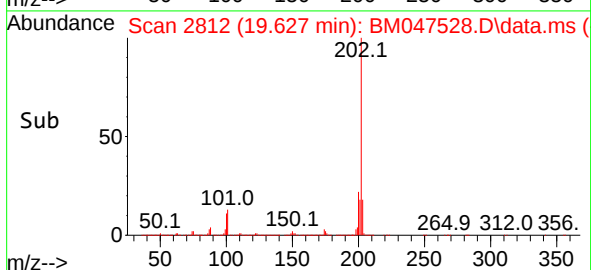
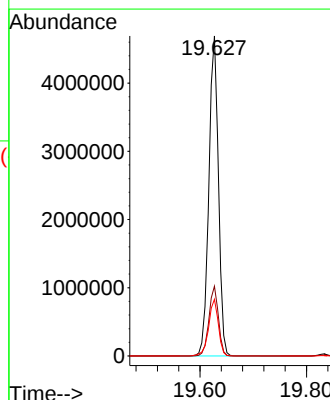
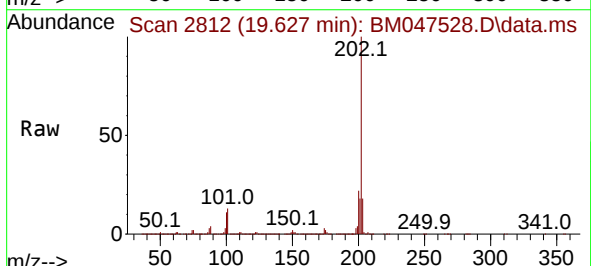
Tgt Ion:202 Resp: 5859728

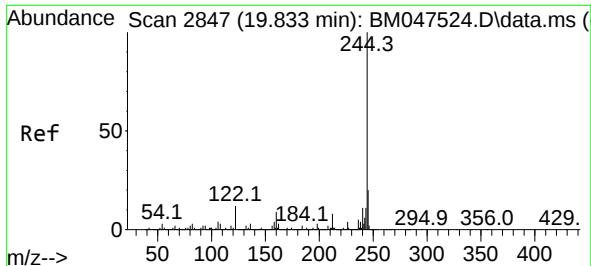
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.7 14.0 21.0





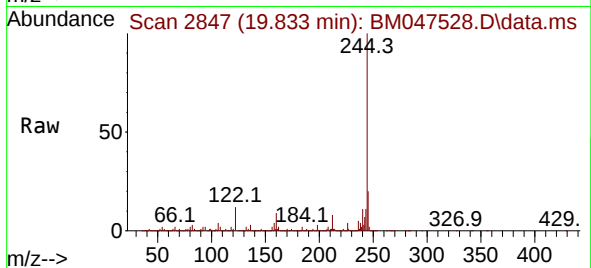
#79
 Terphenyl-d14
 Concen: 83.794 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BM047528.D
 Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

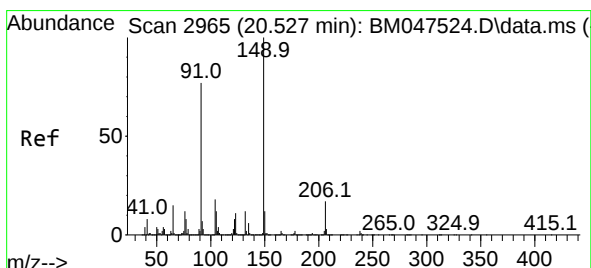
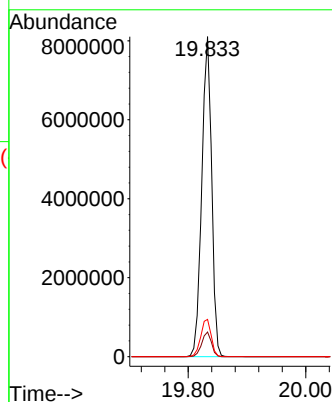
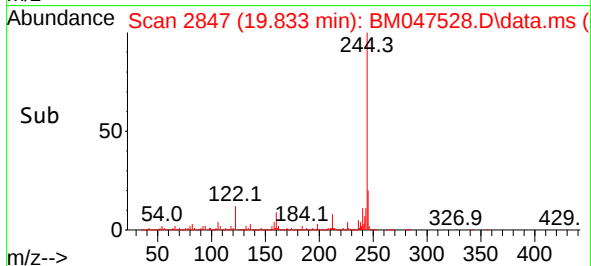


Tgt Ion:244 Resp: 944027
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.7 9.6 14.4

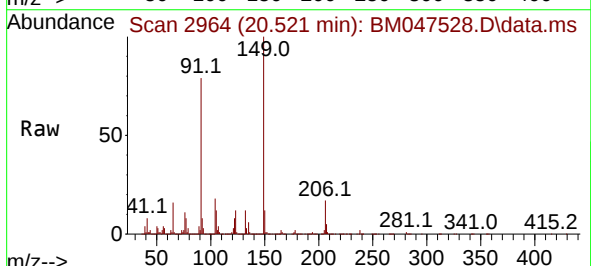
Manual Integrations

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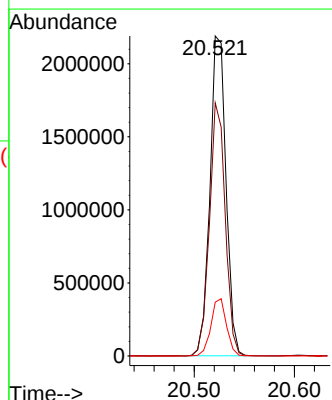
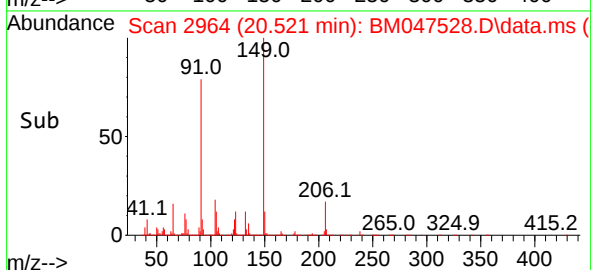
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

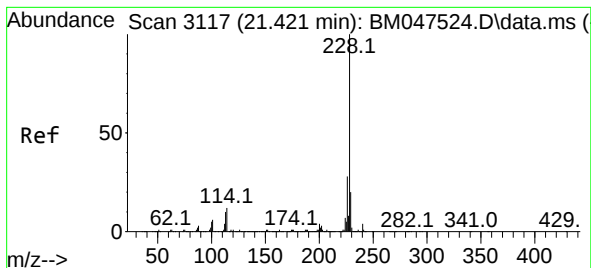


#80
 Butylbenzylphthalate
 Concen: 43.200 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047528.D
 Acq: 14 Sep 2024 17:53



Tgt Ion:149 Resp: 2448871
 Ion Ratio Lower Upper
 149 100
 91 79.1 62.0 93.0
 206 16.8 13.8 20.8





#81

Benzo(a)anthracene

Concen: 40.554 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM047528.D

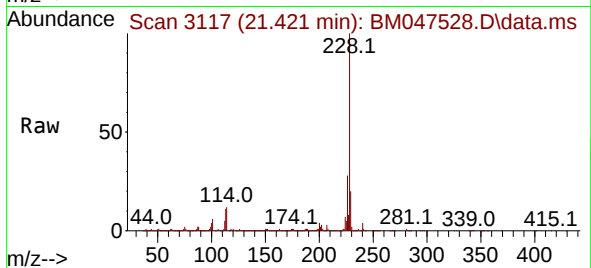
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424



Tgt Ion:228 Resp: 533634

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

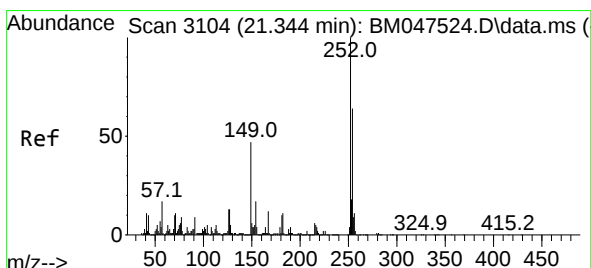
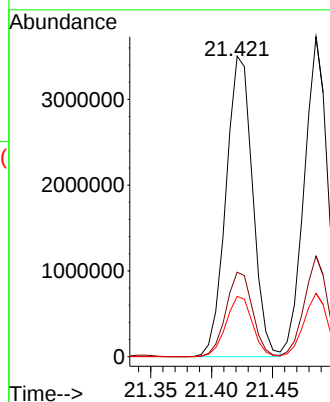
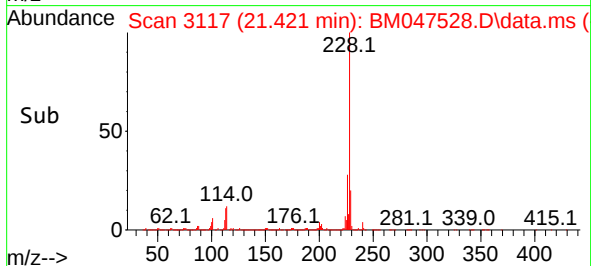
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 44.615 ng

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

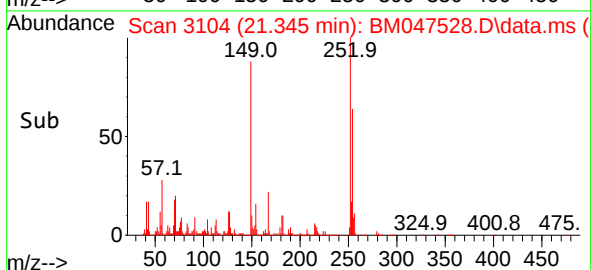
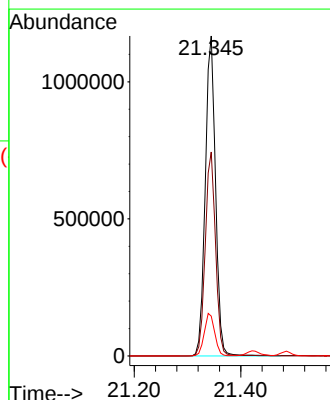
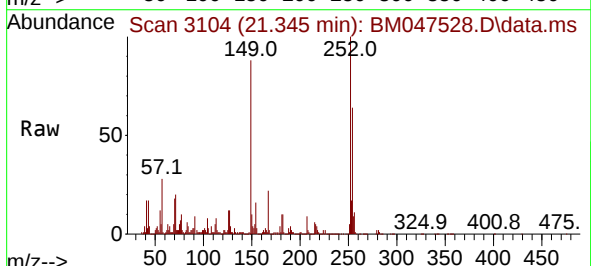
Tgt Ion:252 Resp: 1561668

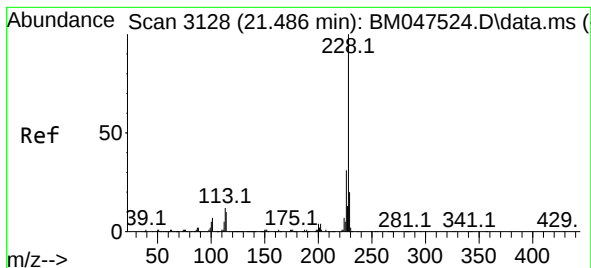
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 12.5 10.3 15.5





#83

Chrysene

Concen: 40.301 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM047528.D

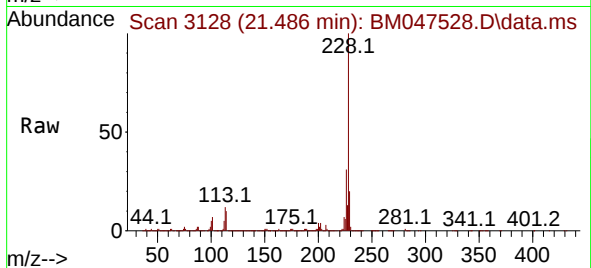
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424



Tgt Ion:228 Resp: 5016069

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

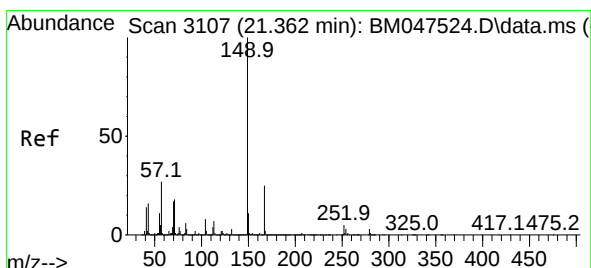
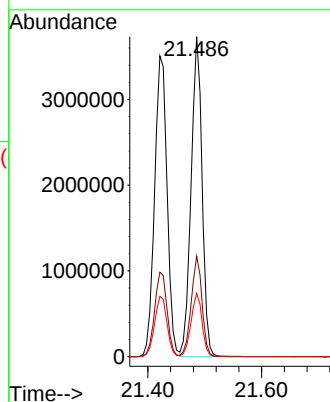
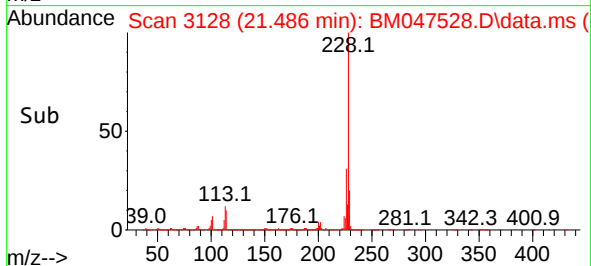
229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.013 ng

RT: 21.356 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

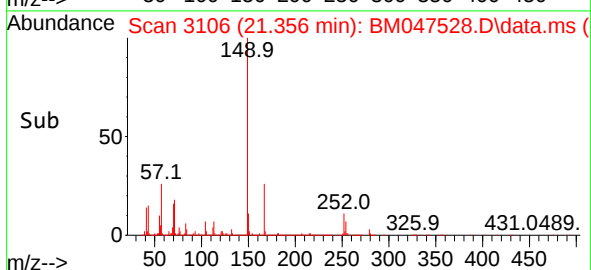
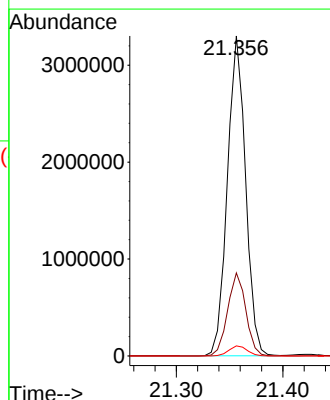
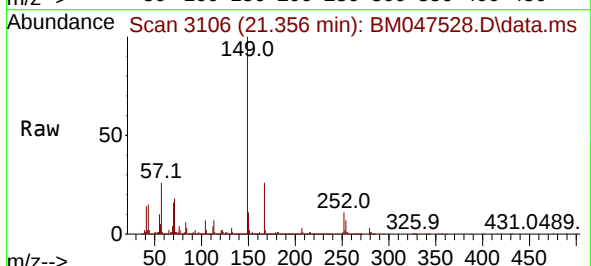
Tgt Ion:149 Resp: 3908511

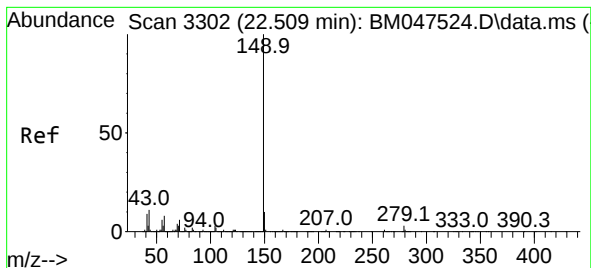
Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.4

279 3.2 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 46.533 ng

RT: 22.503 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

Tgt Ion:149 Resp: 5845092

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

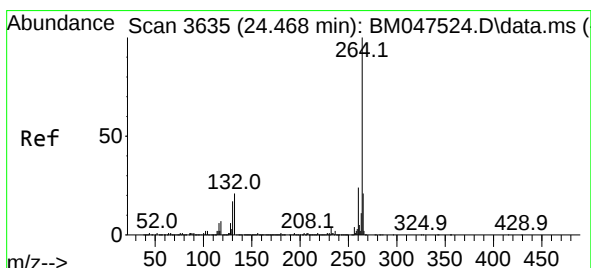
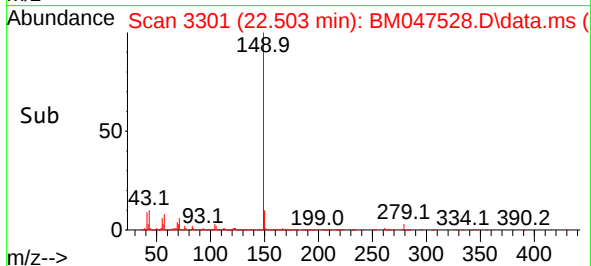
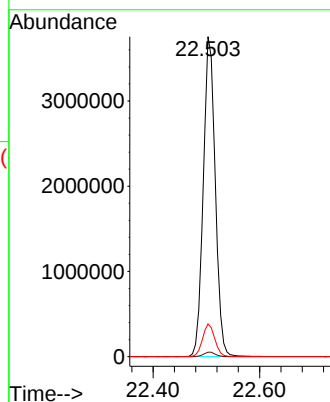
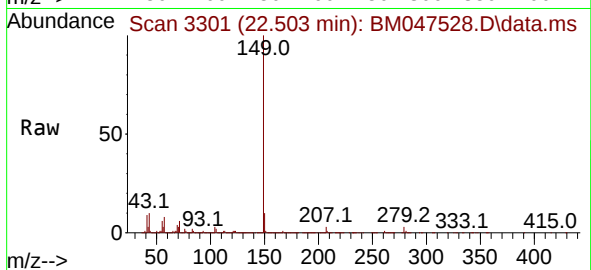
43 10.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3635

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

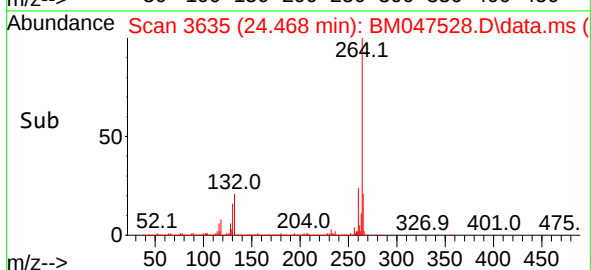
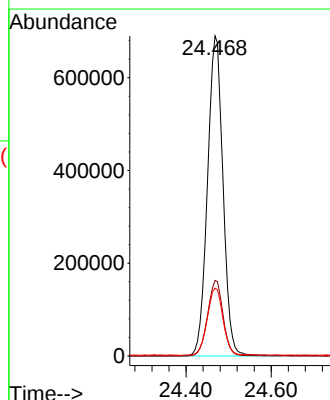
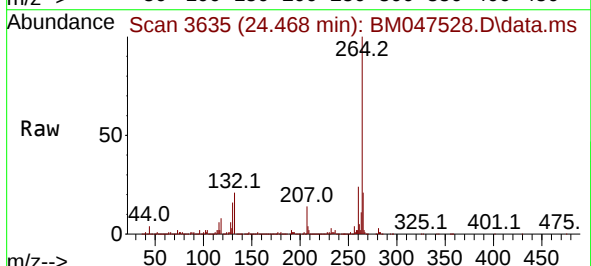
Tgt Ion:264 Resp: 1739593

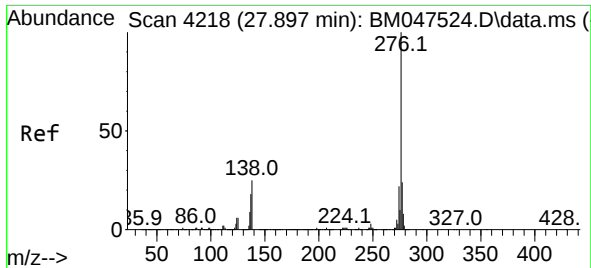
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

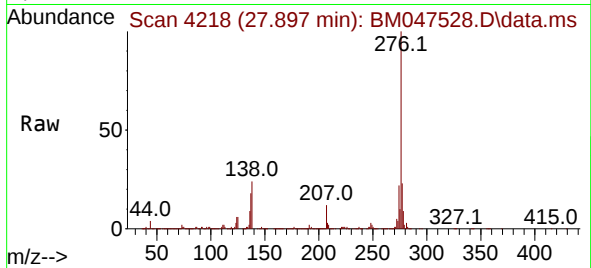
265 21.2 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.856 ng
 RT: 27.897 min Scan# 4218
 Delta R.T. 0.000 min
 Lab File: BM047528.D
 Acq: 14 Sep 2024 17:53

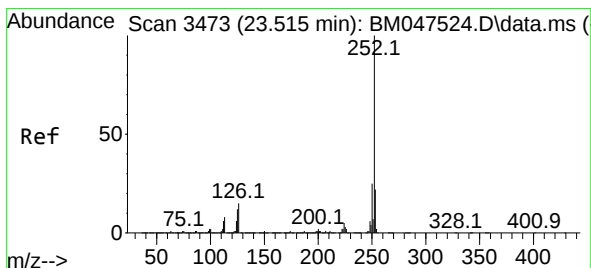
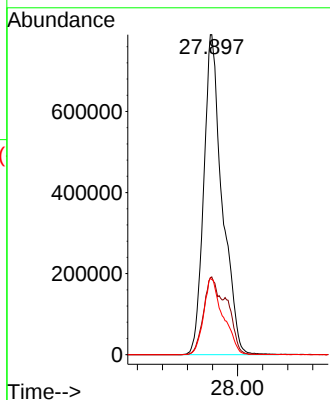
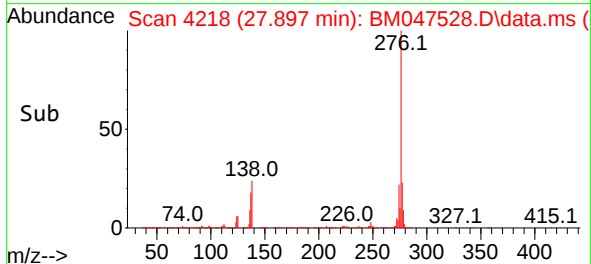
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM091424



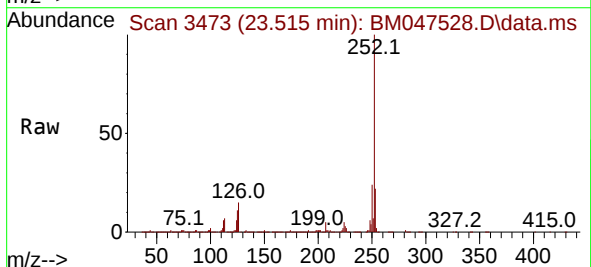
Tgt Ion:276 Resp: 404511
 Ion Ratio Lower Upper
 276 100
 138 21.1 25.0 37.6
 277 25.1 20.1 30.1

Manual Integrations
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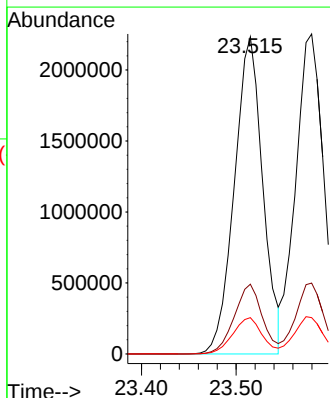
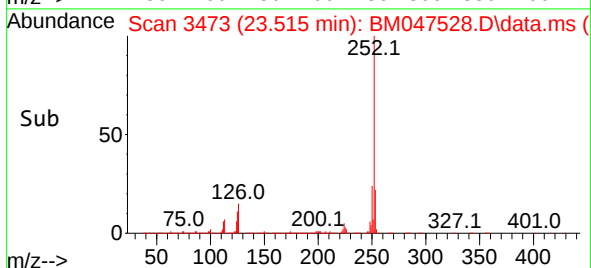
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

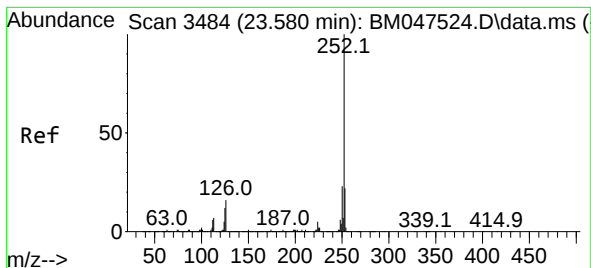


#88
 Benzo(b)fluoranthene
 Concen: 41.356 ng
 RT: 23.515 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: BM047528.D
 Acq: 14 Sep 2024 17:53



Tgt Ion:252 Resp: 4654837
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 11.5 9.5 14.3





#89

Benzo(k)fluoranthene

Concen: 41.592 ng

RT: 23.580 min Scan# 3484

Delta R.T. 0.000 min

Lab File: BM047528.D

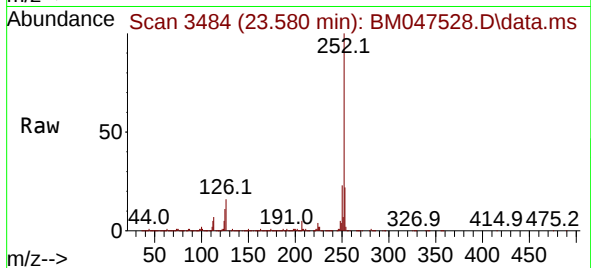
Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424



Tgt Ion:252 Resp: 4639524

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

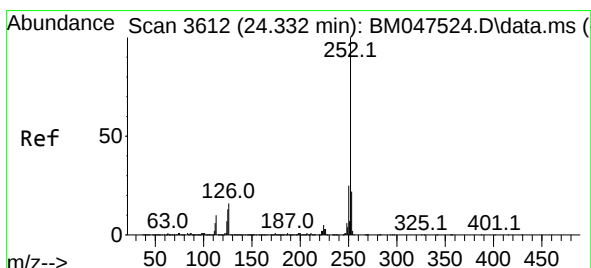
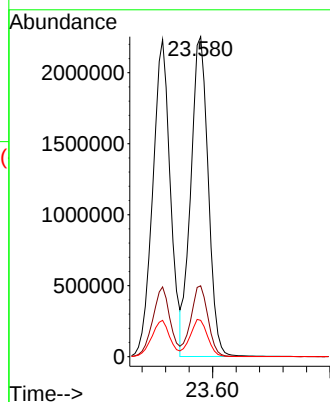
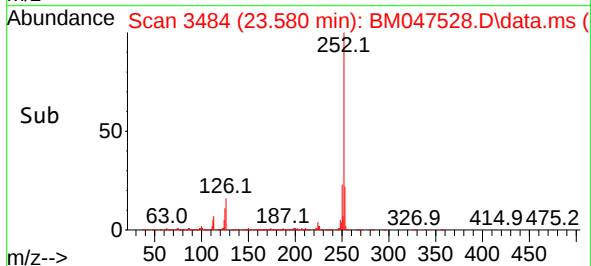
125 11.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#90

Benzo(a)pyrene

Concen: 41.129 ng

RT: 24.327 min Scan# 3611

Delta R.T. -0.006 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

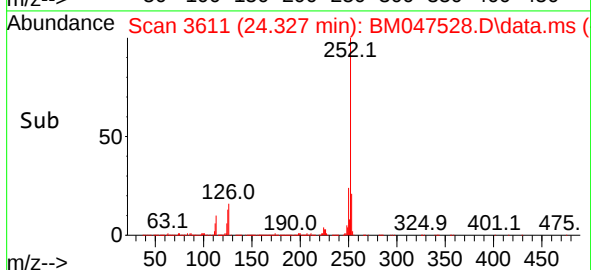
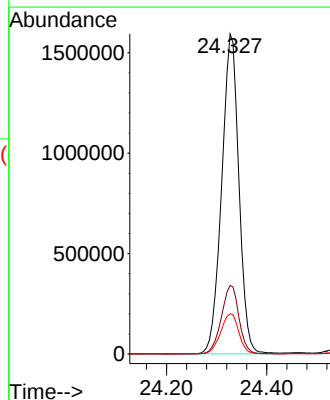
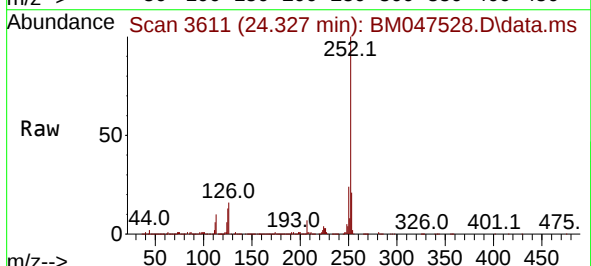
Tgt Ion:252 Resp: 3794215

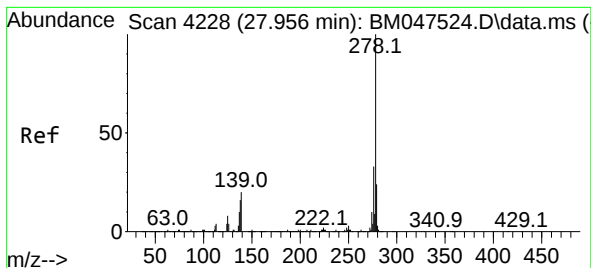
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 12.5 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 39.061 ng

RT: 27.962 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

Instrument :

BNA_M

ClientSampleId :

ICVBM091424

Tgt Ion:278 Resp: 342125

Ion Ratio Lower Upper

278 100

139 19.1 15.9 23.9

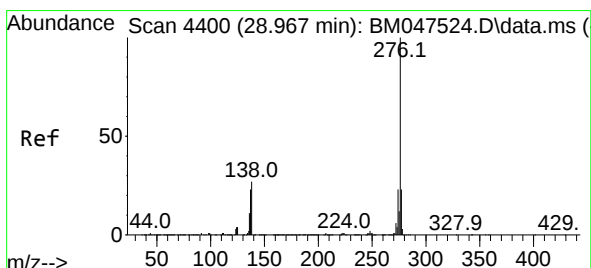
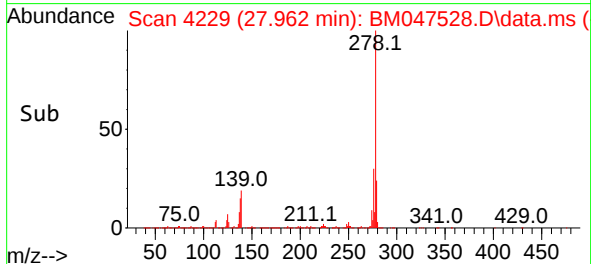
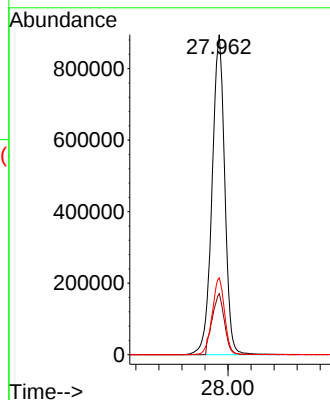
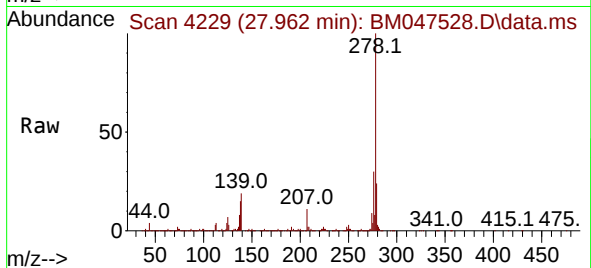
279 24.0 19.3 28.9

Manual Integrations

APPROVED

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#92

Benzo(g,h,i)perylene

Concen: 37.708 ng

RT: 28.968 min Scan# 4400

Delta R.T. 0.000 min

Lab File: BM047528.D

Acq: 14 Sep 2024 17:53

Tgt Ion:276 Resp: 3226301

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 25.8 21.5 32.3

