

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138882.D
 Acq On : 09 Aug 2024 11:21
 Operator : RC/JU
 Sample : PB162358BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162358BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 11:52:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	55939	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	235563	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	134838	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	234224	20.000	ng	0.00
76) Chrysene-d12	14.004	240	112592	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	98223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	471740	130.178	ng	0.02
7) Phenol-d6	6.492	99	627521	128.978	ng	0.00
23) Nitrobenzene-d5	7.410	82	413399	85.801	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	155043	140.373	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	785282	87.504	ng	0.00
79) Terphenyl-d14	12.945	244	798117	118.682	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	46674	29.419	ng	95
3) Pyridine	3.469	79	123702	32.187	ng	96
4) n-Nitrosodimethylamine	3.428	42	113421	49.551	ng	83
6) Aniline	6.510	93	149401	34.432	ng	# 19
8) 2-Chlorophenol	6.634	128	186292	48.861	ng	97
9) Benzaldehyde	6.398	77	112601	38.608	ng	99
10) Phenol	6.510	94	238914	46.639	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	171778	43.576	ng	99
12) 1,3-Dichlorobenzene	6.781	146	186988	43.814	ng	98
13) 1,4-Dichlorobenzene	6.857	146	191864	44.547	ng	100
14) 1,2-Dichlorobenzene	7.010	146	182285	45.286	ng	99
15) Benzyl Alcohol	6.992	79	175959	50.178	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	288350	42.504	ng	# 45
17) 2-Methylphenol	7.110	107	148746	47.247	ng	# 85
18) Hexachloroethane	7.345	117	72230	44.552	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	144914	49.314	ng	98
20) 3+4-Methylphenols	7.263	107	201905	49.984	ng	# 80
22) Acetophenone	7.257	105	253641	43.976	ng	97
24) Nitrobenzene	7.434	77	213785	43.605	ng	99
25) Isophorone	7.669	82	377765	45.917	ng	99
26) 2-Nitrophenol	7.745	139	98469	46.683	ng	96
27) 2,4-Dimethylphenol	7.787	122	128549	50.936	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	223358	44.582	ng	99
29) 2,4-Dichlorophenol	7.992	162	157959	48.708	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	166992	44.621	ng	98
31) Naphthalene	8.145	128	549910	44.350	ng	99
32) Benzoic acid	7.945	122	68384	34.470	ng	95
33) 4-Chloroaniline	8.198	127	112997	27.149	ng	99
34) Hexachlorobutadiene	8.257	225	100232	44.217	ng	99
35) Caprolactam	8.592	113	42963m	44.399	ng	
36) 4-Chloro-3-methylphenol	8.692	107	184296	49.726	ng	99
37) 2-Methylnaphthalene	8.834	142	363841	46.463	ng	100
38) 1-Methylnaphthalene	8.934	142	340269	44.343	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	155420	41.494	ng	99
41) Hexachlorocyclopentadiene	8.981	237	107057	105.547	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	105090	46.016	ng	99

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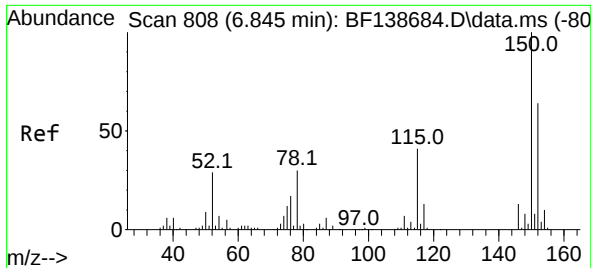
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	113489	45.457	ng	99
46) 1,1'-Biphenyl	9.298	154	440378	41.701	ng	100
47) 2-Chloronaphthalene	9.328	162	340163	43.311	ng	100
48) 2-Nitroaniline	9.433	65	125252	47.041	ng	99
49) Acenaphthylene	9.739	152	543488	48.790	ng	99
50) Dimethylphthalate	9.604	163	417390	48.411	ng	100
51) 2,6-Dinitrotoluene	9.675	165	90731	46.630	ng	92
52) Acenaphthene	9.916	154	332882	44.455	ng	100
53) 3-Nitroaniline	9.845	138	63886	31.761	ng	100
54) 2,4-Dinitrophenol	9.963	184	85468	95.421	ng	90
55) Dibenzofuran	10.086	168	492644	46.607	ng	99
56) 4-Nitrophenol	10.028	139	98204	81.187	ng	93
57) 2,4-Dinitrotoluene	10.081	165	125249	50.453	ng	# 84
58) Fluorene	10.428	166	403830	47.975	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	92050	48.226	ng	96
60) Diethylphthalate	10.304	149	416740	50.978	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	198436	47.933	ng	97
62) 4-Nitroaniline	10.463	138	84296	44.099	ng	87
63) Azobenzene	10.580	77	431300	47.569	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	67802	47.448	ng	93
66) n-Nitrosodiphenylamine	10.539	169	344285	47.025	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	117293	46.253	ng	98
68) Hexachlorobenzene	10.975	284	117810	44.994	ng	98
69) Atrazine	11.069	200	104104	55.113	ng	98
70) Pentachlorophenol	11.180	266	92700	78.546	ng	99
71) Phenanthrene	11.392	178	571610	47.395	ng	100
72) Anthracene	11.445	178	575344	48.424	ng	100
73) Carbazole	11.598	167	481592	46.982	ng	99
74) Di-n-butylphthalate	11.916	149	645003	55.973	ng	99
75) Fluoranthene	12.580	202	549678	48.820	ng	99
77) Benzidine	12.698	184	34855	12.943	ng	99
78) Pyrene	12.804	202	543390	51.259	ng	99
80) Butylbenzylphthalate	13.416	149	196241	57.808	ng	96
81) Benzo(a)anthracene	13.992	228	370259	47.755	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	65626	33.076	ng	99
83) Chrysene	14.027	228	338468	48.387	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	232568	46.785	ng	99
85) Di-n-octyl phthalate	14.580	149	361591	39.316	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	327377	46.509	ng	97
88) Benzo(b)fluoranthene	15.039	252	293360	48.180	ng	98
89) Benzo(k)fluoranthene	15.068	252	288953	54.811	ng	98
90) Benzo(a)pyrene	15.404	252	268969	52.516	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	267166	46.237	ng	99
92) Benzo(g,h,i)perylene	17.386	276	251336	41.917	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

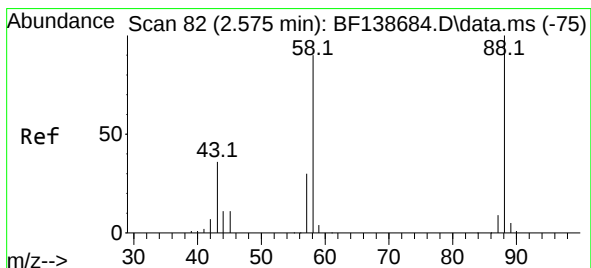
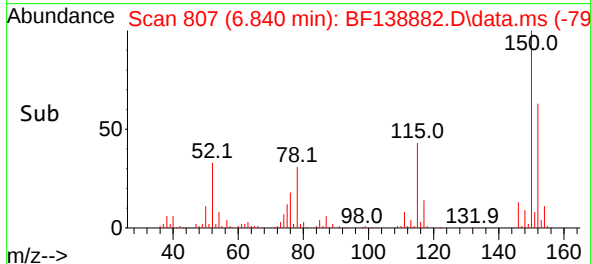
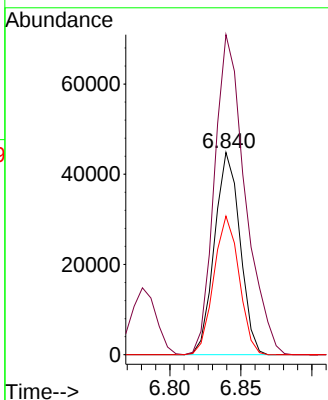
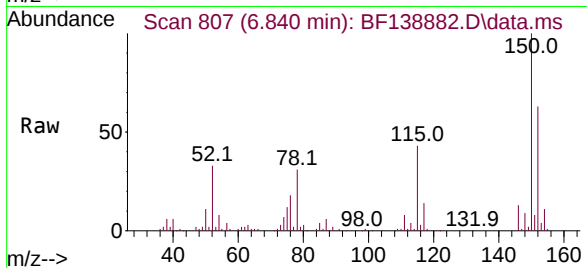
PB162358BS

Tgt Ion:152 Resp: 55939
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 68.6 51.7 77.5

Manual Integrations

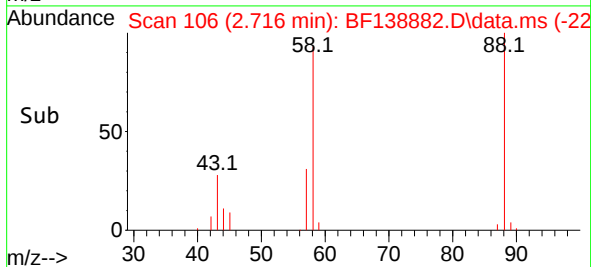
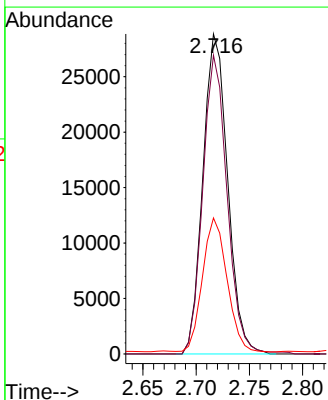
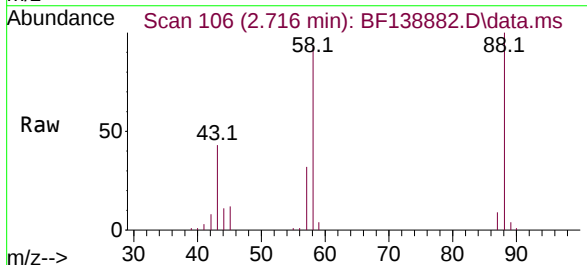
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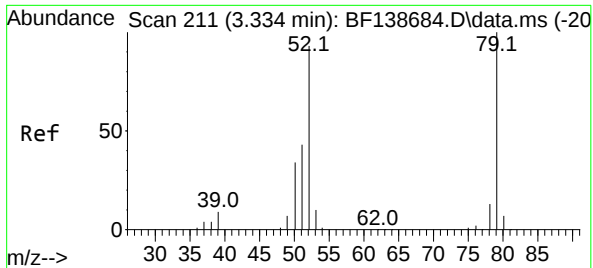
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#2
1,4-Dioxane
Concen: 29.419 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.141 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

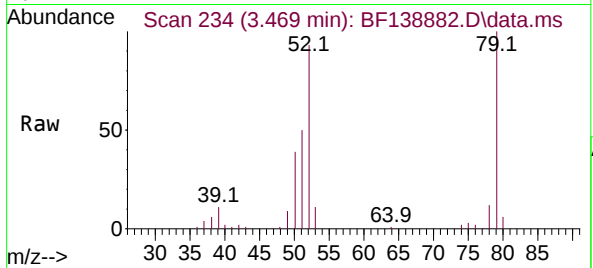
Tgt Ion: 88 Resp: 46674
Ion Ratio Lower Upper
88 100
58 92.0 71.6 107.4
43 41.5 28.7 43.1





#3
Pyridine
Concen: 32.187 ng
RT: 3.469 min Scan# 211
Delta R.T. 0.135 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

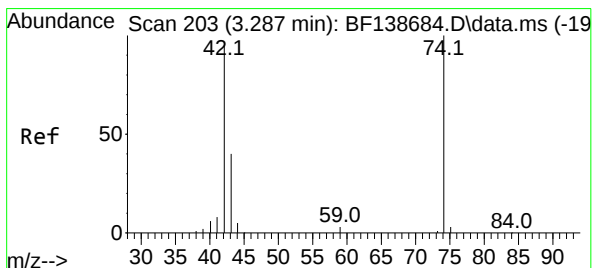
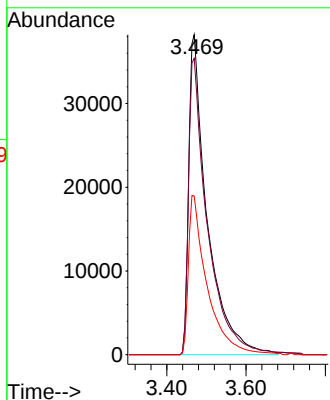
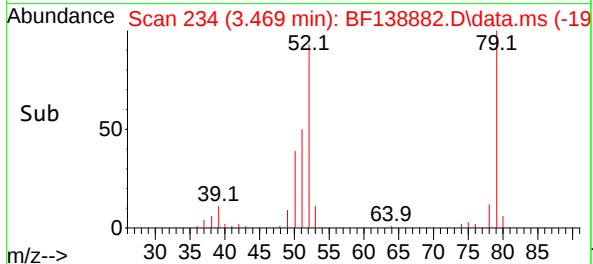
Instrument :
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ClientSampleId :
PB162358BS



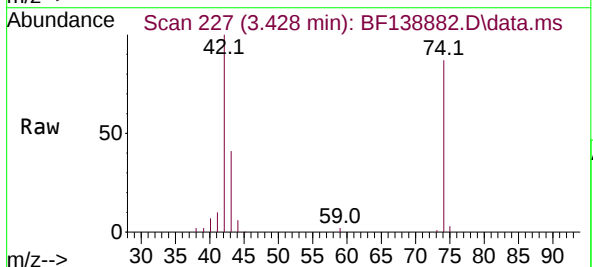
Tgt Ion: 79 Resp: 12370
Ion Ratio Lower Upper
79 100
52 92.6 74.7 112.1
51 49.5 34.6 51.8

Manual Integrations
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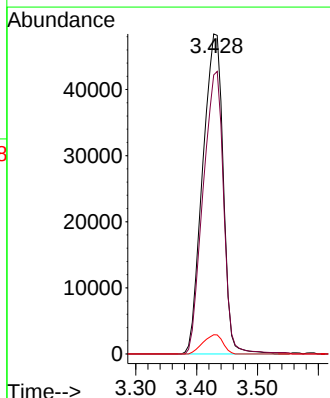
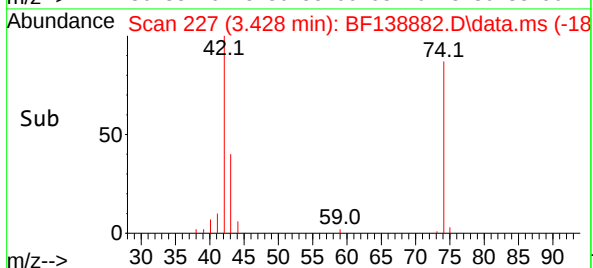
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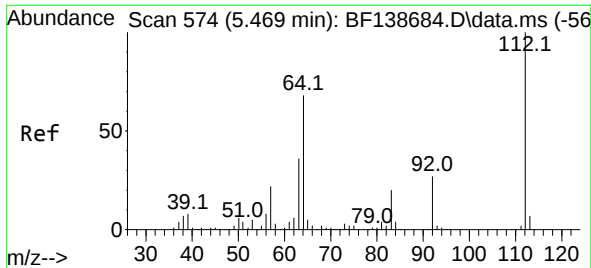


#4
n-Nitrosodimethylamine
Concen: 49.551 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.141 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion: 42 Resp: 113421
Ion Ratio Lower Upper
42 100
74 87.2 84.2 126.4
44 6.0 4.9 7.3





#5
2-Fluorophenol
Concen: 130.178 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

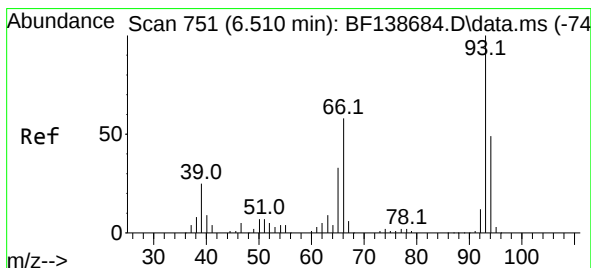
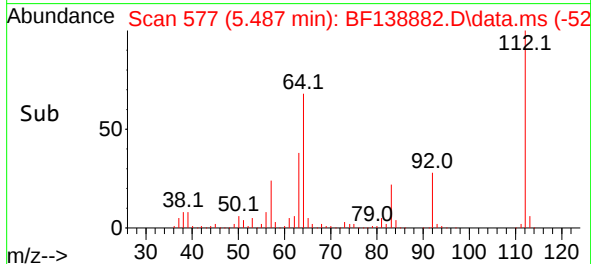
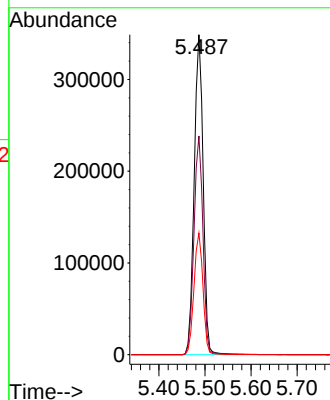
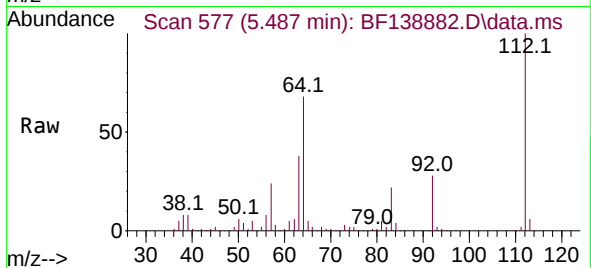
PB162358BS

Tgt Ion:112 Resp: 471740
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 38.0 28.7 43.1

Manual Integrations

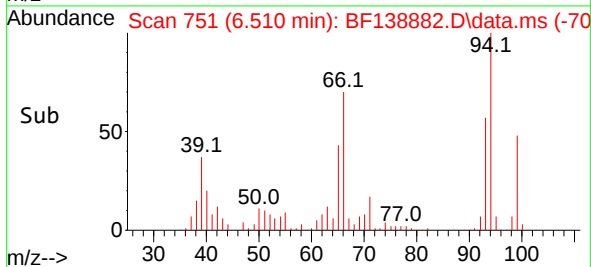
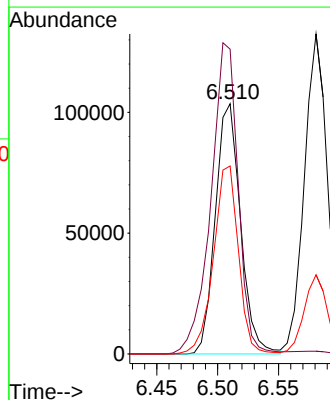
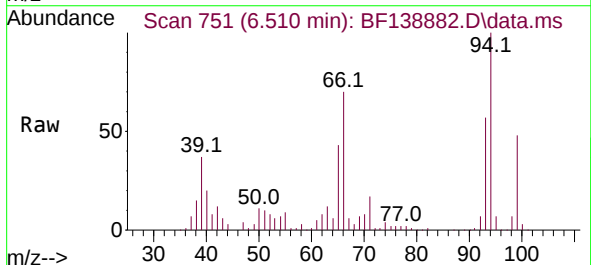
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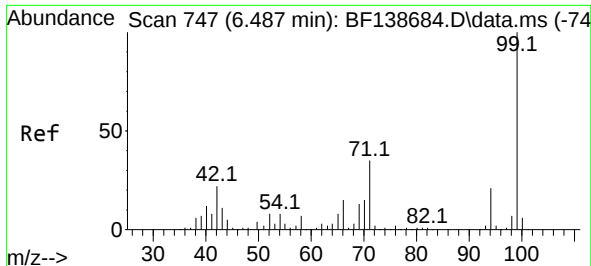
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#6
Aniline
Concen: 34.432 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138882.D
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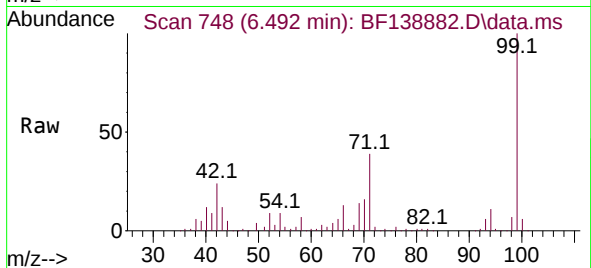
Tgt Ion: 93 Resp: 149401
Ion Ratio Lower Upper
93 100
66 121.8 46.9 70.3#
65 75.1 26.5 39.7#





#7
Phenol-d6
Concen: 128.978 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

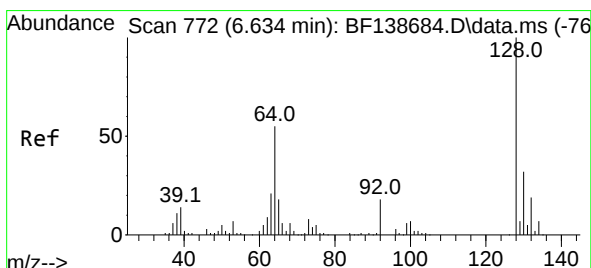
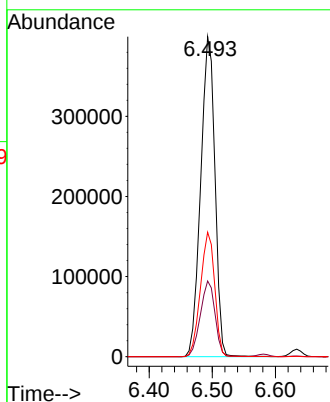
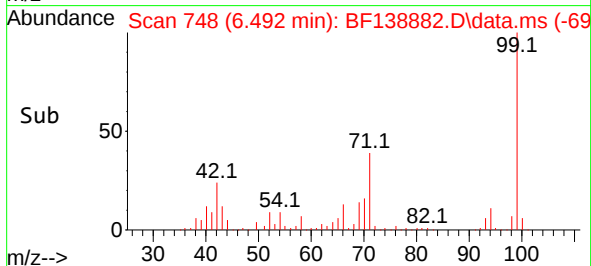
Instrument :
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Tgt Ion: 99 Resp: 62752
Ion Ratio Lower Upper
99 100
42 23.6 17.4 26.0
71 38.9 28.1 42.1

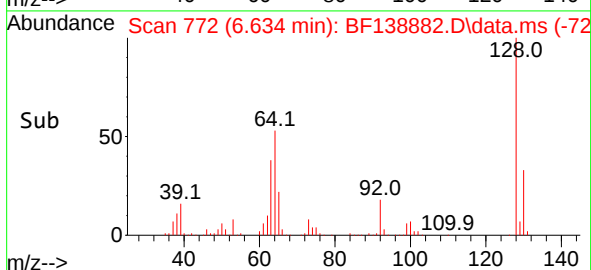
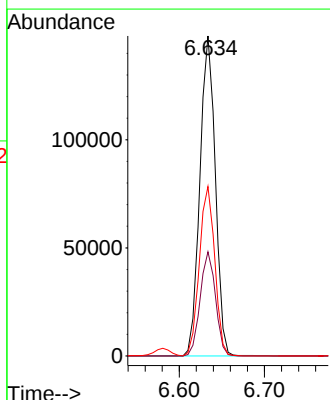
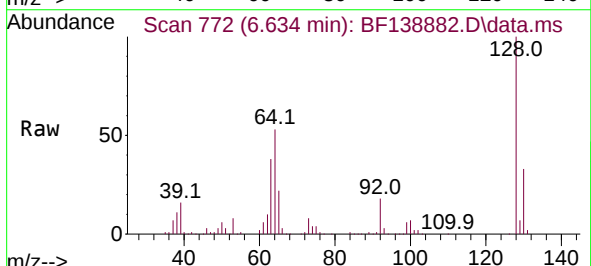
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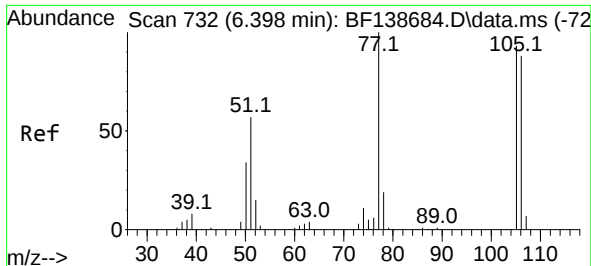
Reviewed By :Yogesh Patel 08/10/2024
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#8
2-Chlorophenol
Concen: 48.861 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

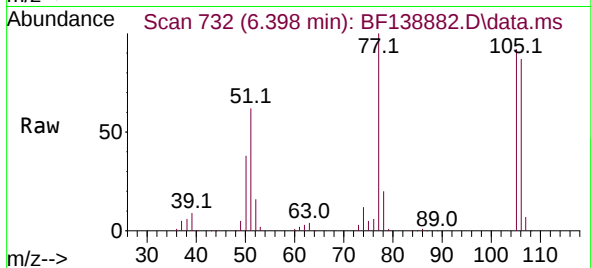
Tgt Ion:128 Resp: 186292
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 52.9 36.3 76.3





#9
Benzaldehyde
Concen: 38.608 ng
RT: 6.398 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

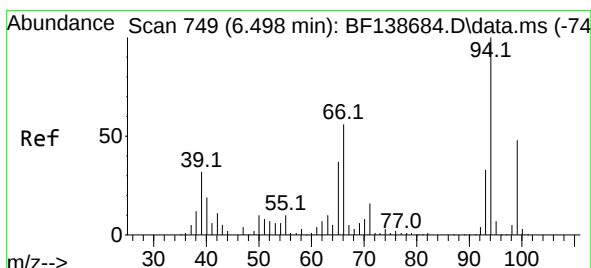
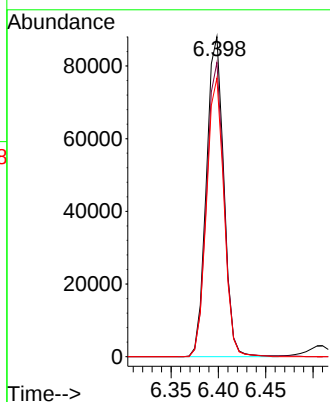
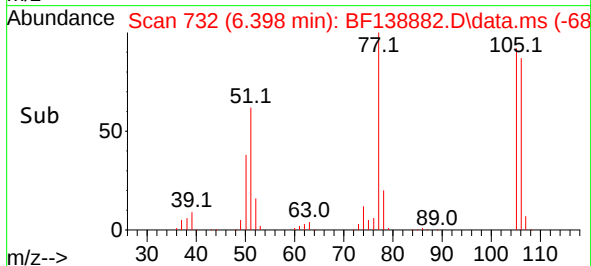
Instrument :
BNA_F
ClientSampleId :
PB162358BS



Tgt Ion: 77 Resp: 11260
Ion Ratio Lower Upper
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105 91.9 72.9 112.9
106 87.1 68.4 108.4

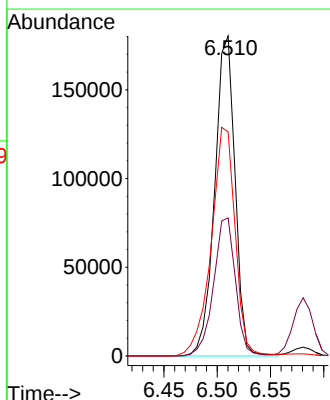
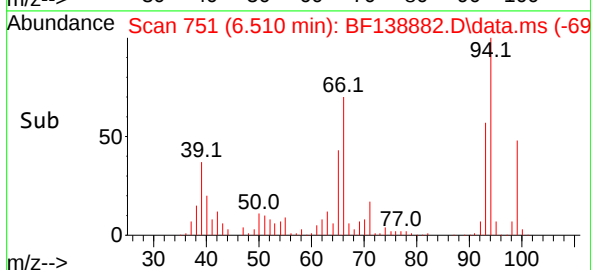
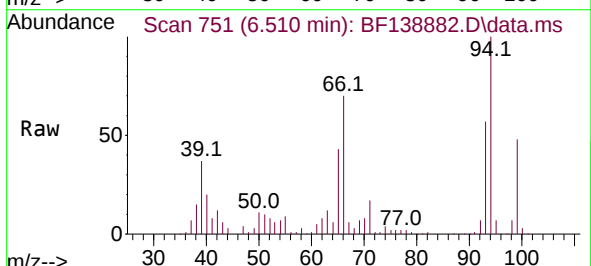
Manual Integrations
APPROVED

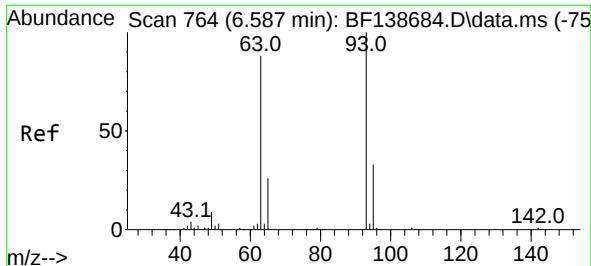
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#10
Phenol
Concen: 46.639 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion: 94 Resp: 238914
Ion Ratio Lower Upper
94 100
65 43.2 16.9 56.9
66 70.0 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 43.576 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

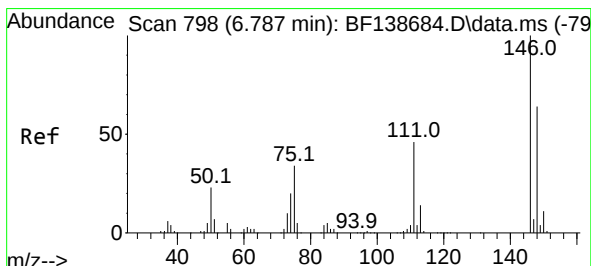
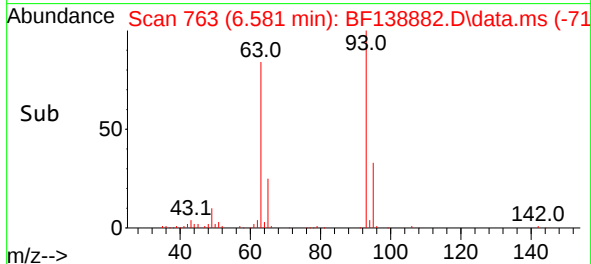
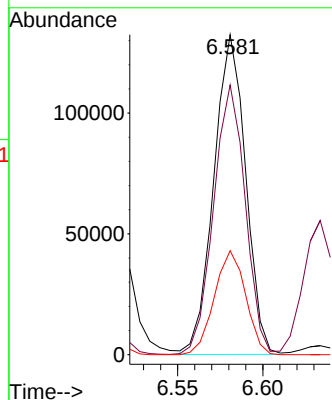
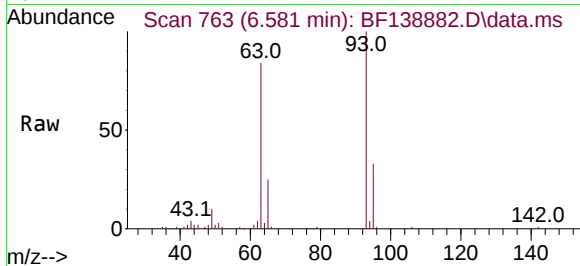
ClientSampleId :

PB162358BS

Tgt Ion: 93 Resp: 171778
Ion Ratio Lower Upper
93 100
63 84.3 65.3 105.3
95 32.5 12.4 52.4

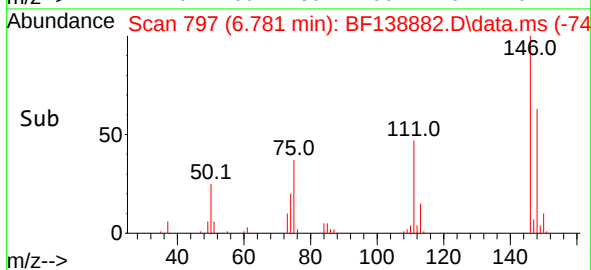
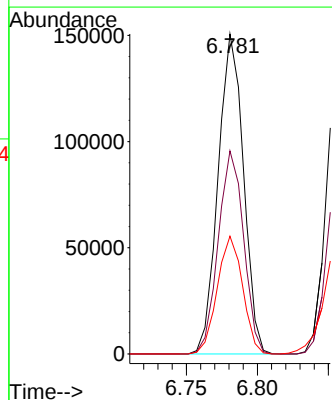
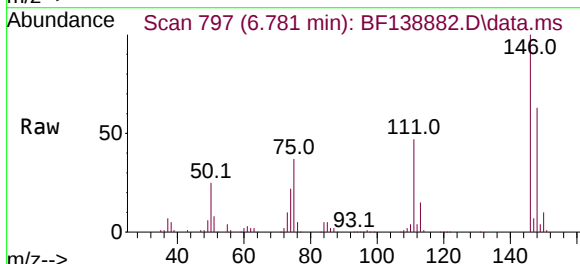
Manual Integrations
APPROVED

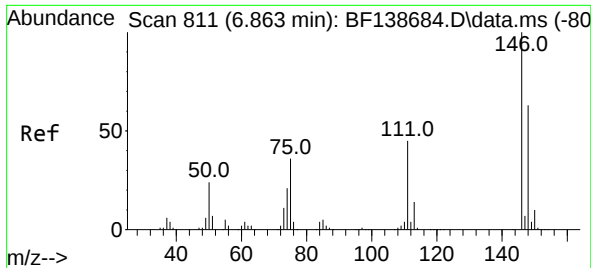
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#12
1,3-Dichlorobenzene
Concen: 43.814 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:146 Resp: 186988
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 36.8 27.4 41.2





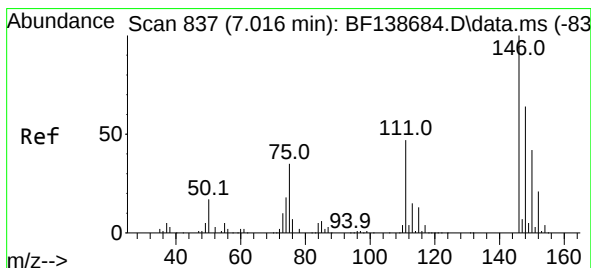
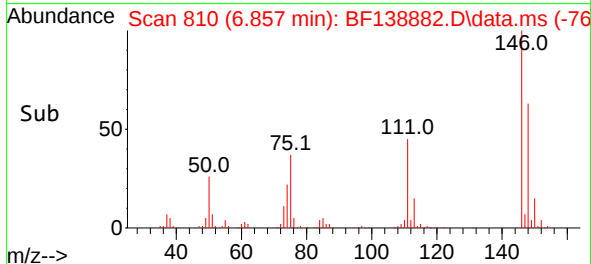
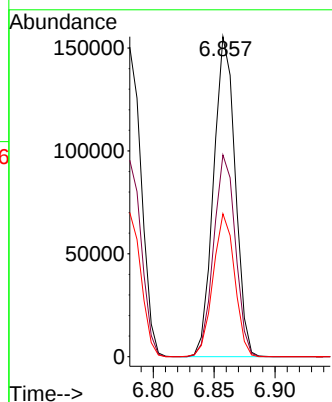
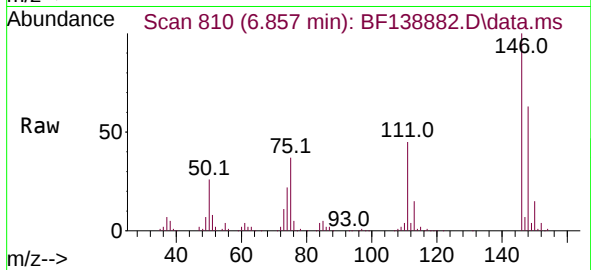
#13
1,4-Dichlorobenzene
Concen: 44.547 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB162358BS

Tgt Ion:146 Resp: 191864
Ion Ratio Lower Upper
146 100
148 63.0 50.2 75.2
111 44.6 35.9 53.9

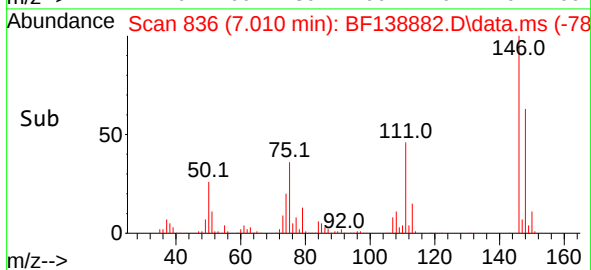
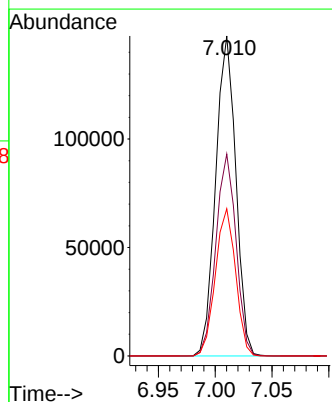
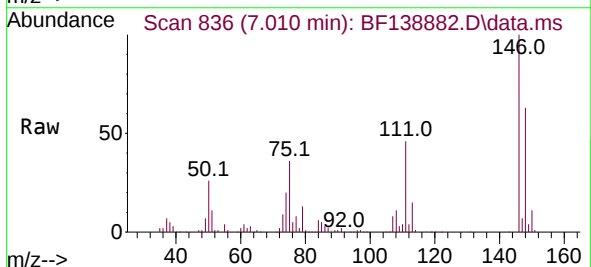
Manual Integrations
APPROVED

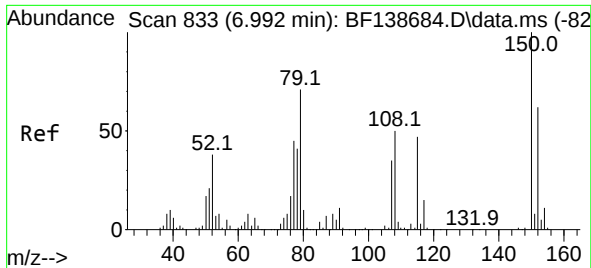
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#14
1,2-Dichlorobenzene
Concen: 45.286 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

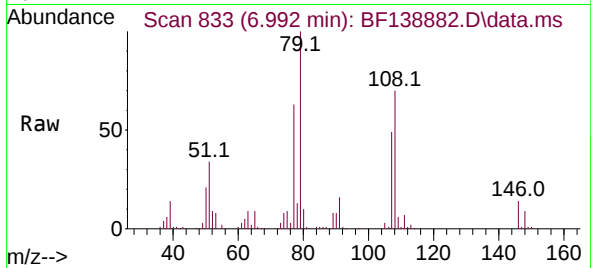
Tgt Ion:146 Resp: 182285
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
111 46.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 50.178 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

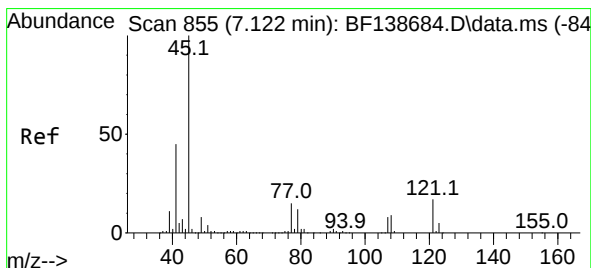
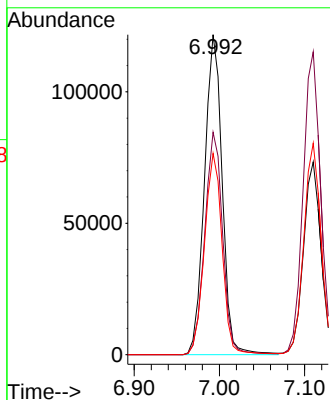
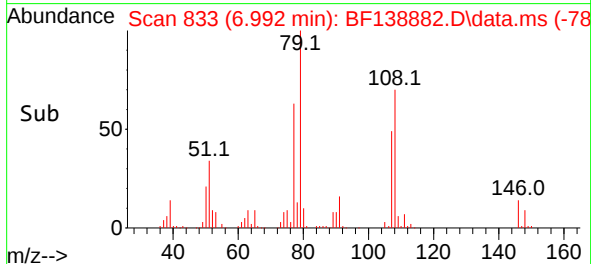
Instrument :
BNA_F
ClientSampleId :
PB162358BS



Tgt Ion: 79 Resp: 175958
Ion Ratio Lower Upper
79 100
108 69.5 56.6 85.0
77 62.9 50.3 75.5

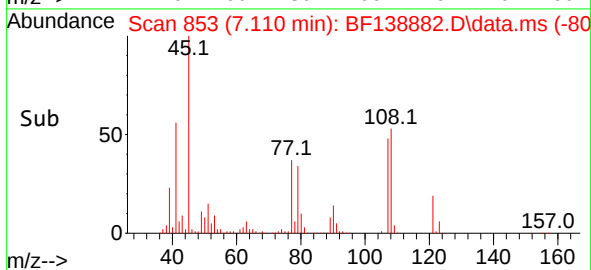
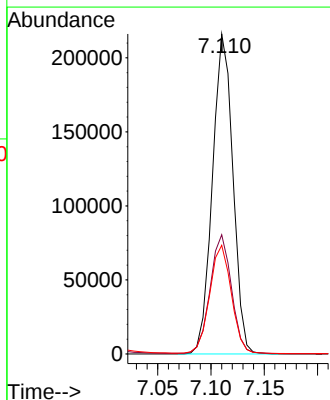
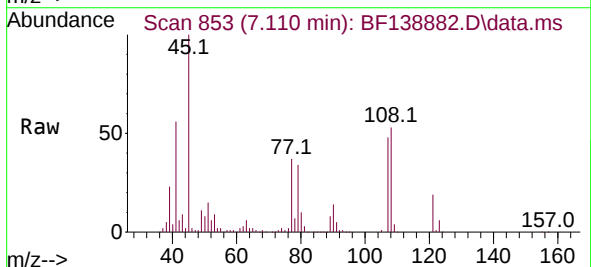
Manual Integrations
APPROVED

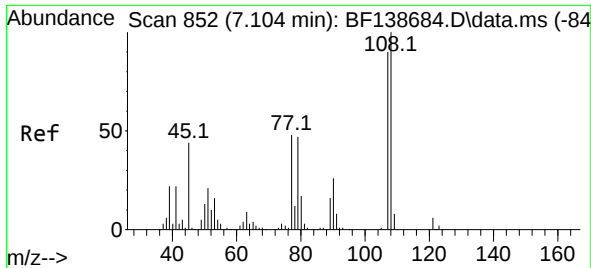
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.504 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion: 45 Resp: 288350
Ion Ratio Lower Upper
45 100
77 37.2 0.0 34.9#
79 34.0 0.0 32.2#





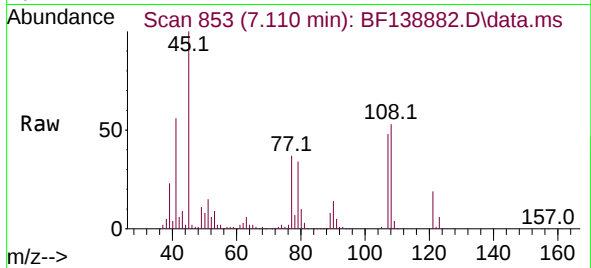
#17
2-Methylphenol
Concen: 47.247 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

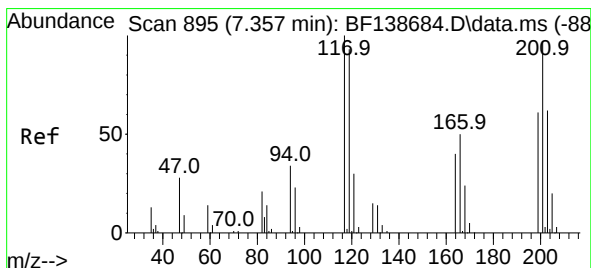
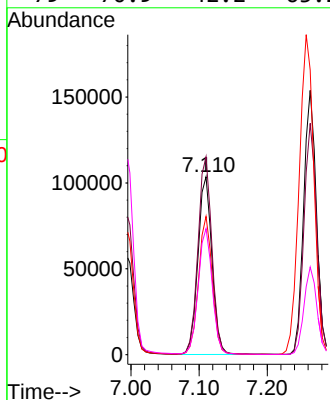
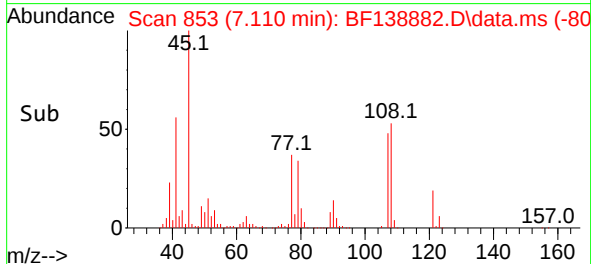


Tgt Ion:107 Resp: 148740
Ion Ratio Lower Upper
107 100
108 111.3 89.2 133.8
77 77.7 43.0 64.4
79 70.9 42.2 63.2

Manual Integrations

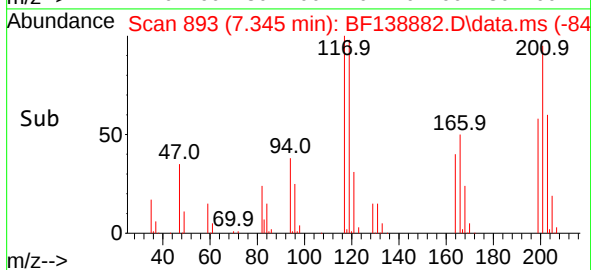
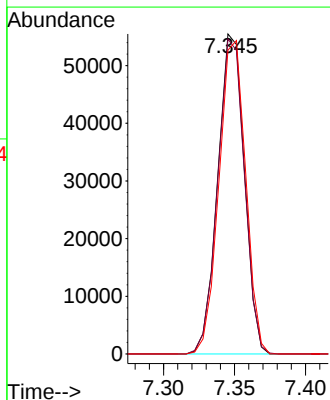
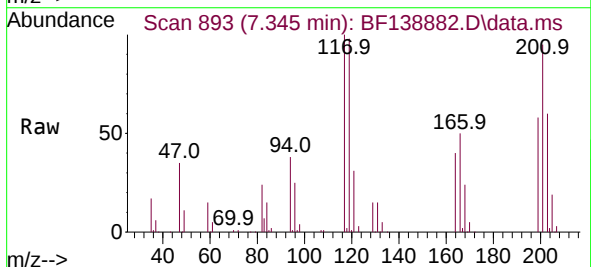
APPROVED

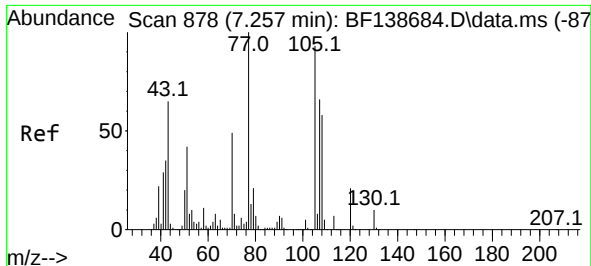
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#18
Hexachloroethane
Concen: 44.552 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:117 Resp: 72230
Ion Ratio Lower Upper
117 100
119 98.4 74.6 111.8
201 95.0 77.2 115.8





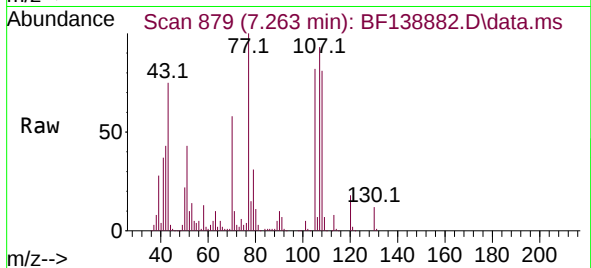
#19
n-Nitroso-di-n-propylamine
Concen: 49.314 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS



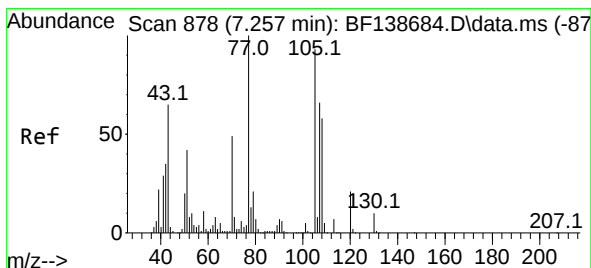
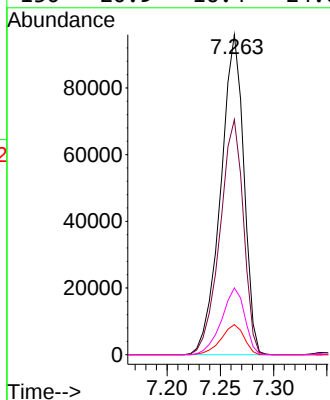
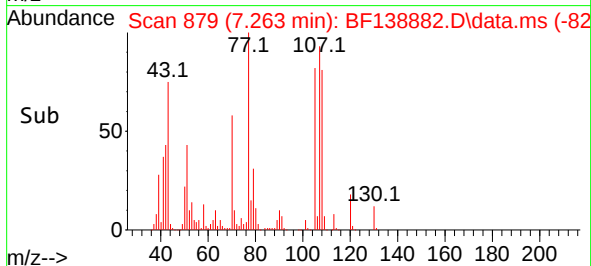
Tgt Ion: 70 Resp: 144914
Ion Ratio Lower Upper
70 100
42 73.5 57.4 86.0
101 9.4 7.5 11.3
130 20.9 16.4 24.6

Manual Integrations

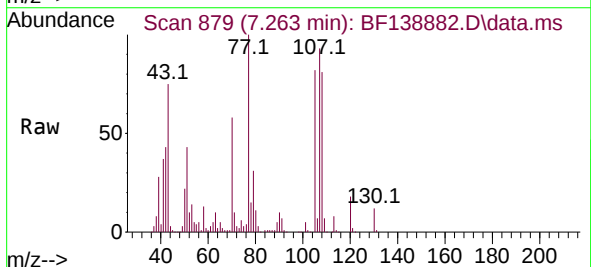
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

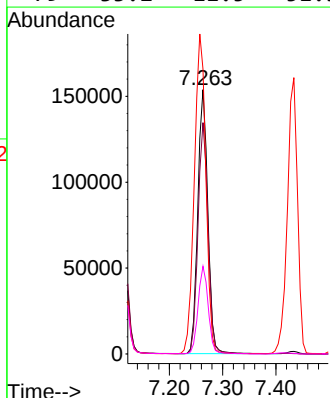
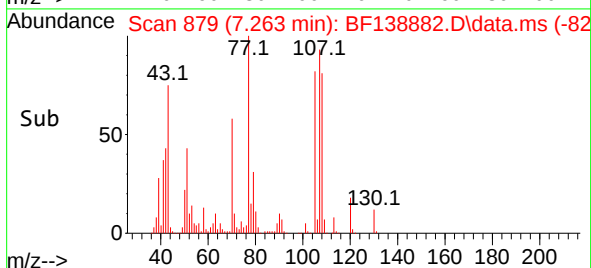
Supervised By :mohammad ahmed 08/12/2024

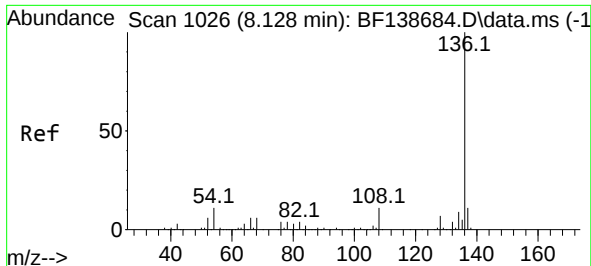


#20
3+4-Methylphenols
Concen: 49.984 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:107 Resp: 201905
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 107.7 132.1 172.1#
79 33.2 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

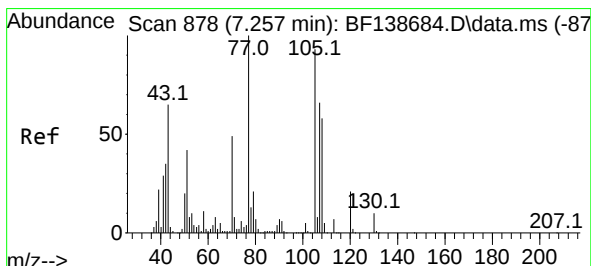
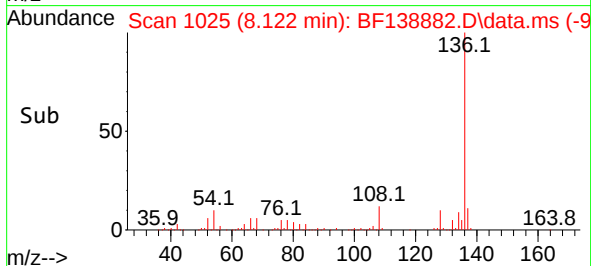
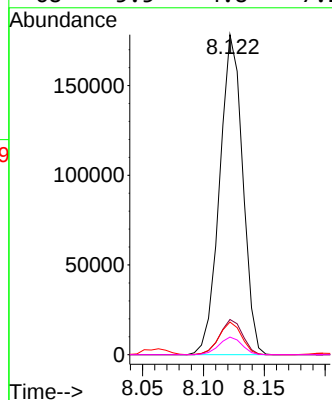
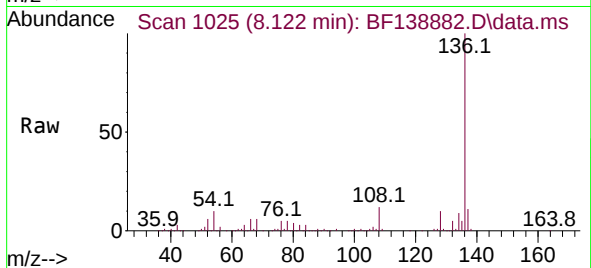
ClientSampleId :

PB162358BS

Tgt Ion:136 Resp: 23556
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.2 8.6 12.8
68 5.5 4.8 7.2

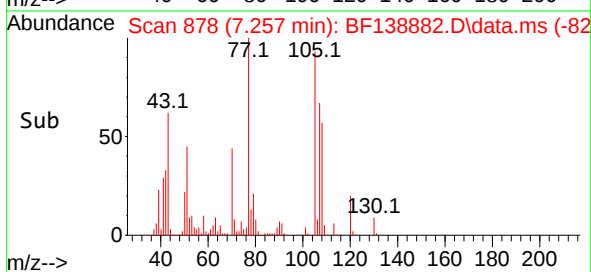
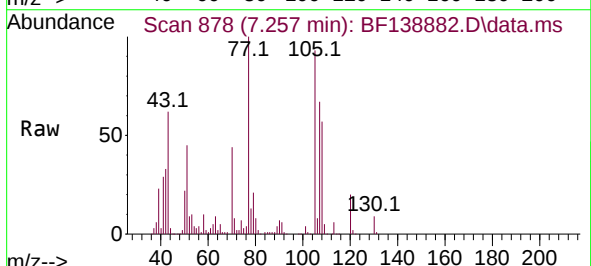
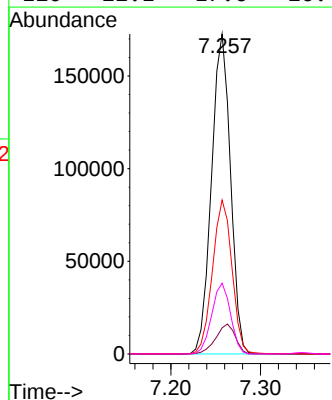
Manual Integrations
APPROVED

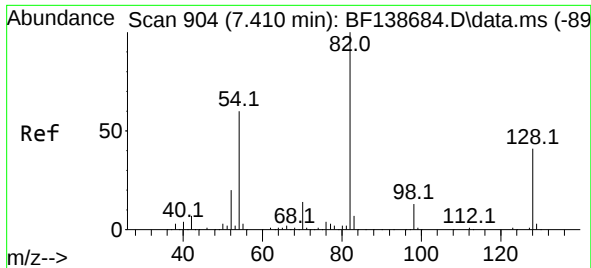
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#22
Acetophenone
Concen: 43.976 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:105 Resp: 253641
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 48.1 35.9 53.9
120 22.1 17.6 26.4





#23
Nitrobenzene-d5
Concen: 85.801 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

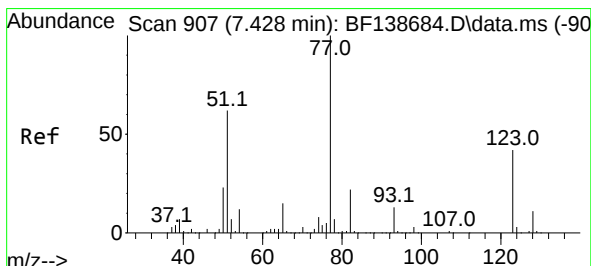
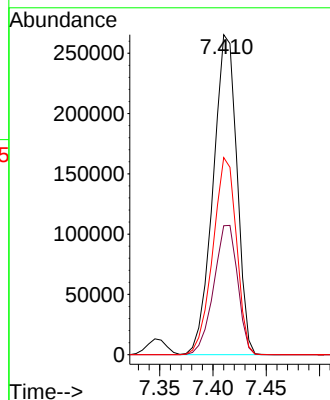
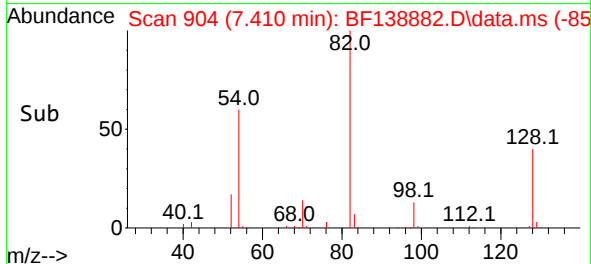
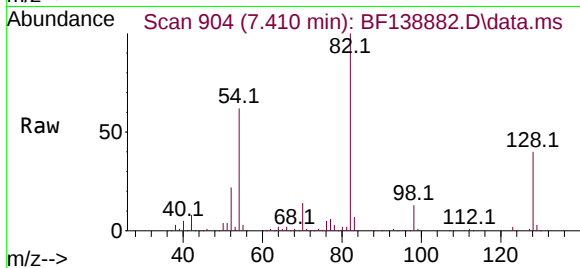
ClientSampleId :

PB162358BS

Tgt Ion: 82 Resp: 413395
Ion Ratio Lower Upper
82 100
128 40.3 32.8 49.2
54 61.6 48.3 72.5

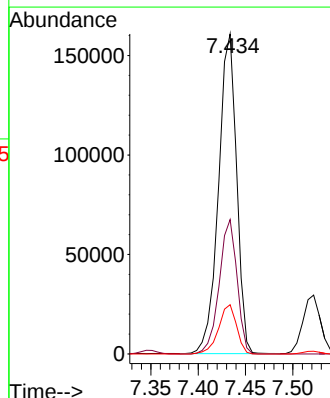
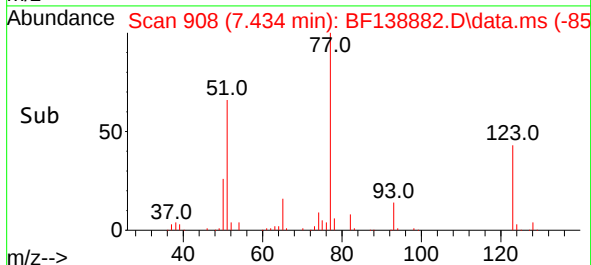
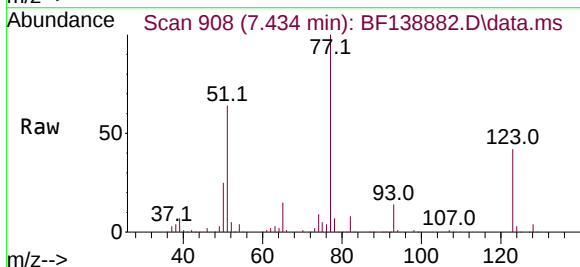
Manual Integrations
APPROVED

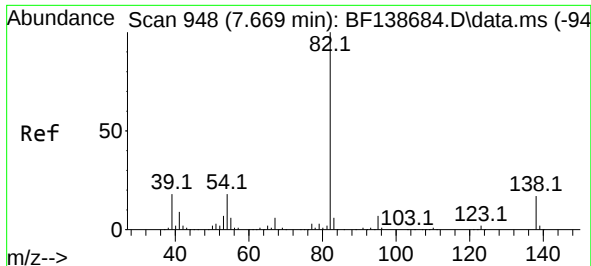
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#24
Nitrobenzene
Concen: 43.605 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

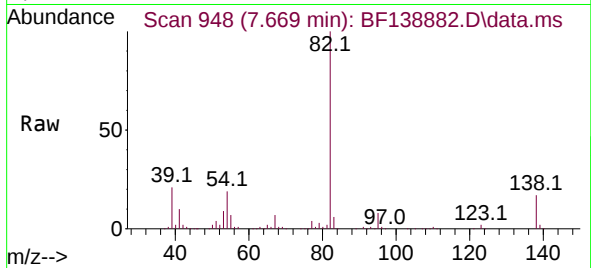
Tgt Ion: 77 Resp: 213785
Ion Ratio Lower Upper
77 100
123 42.0 33.3 49.9
65 15.4 11.9 17.9





#25
Isophorone
Concen: 45.917 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

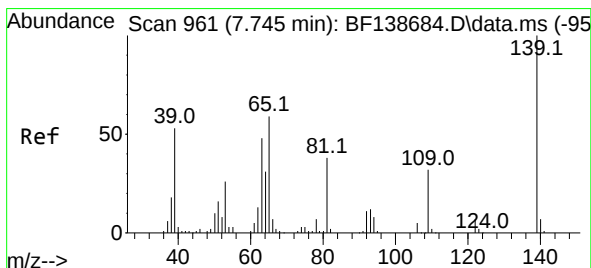
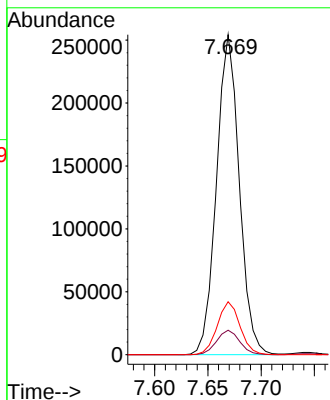
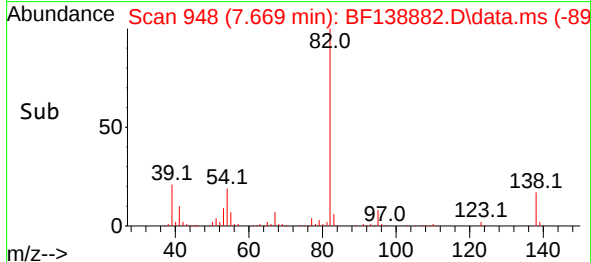
Instrument :
BNA_F
Client Sample Id :
PB162358BS



Tgt Ion: 82 Resp: 37776
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.5 13.7 20.5

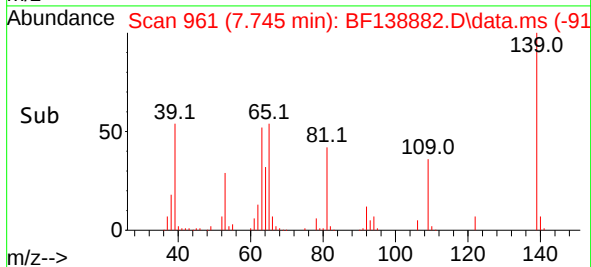
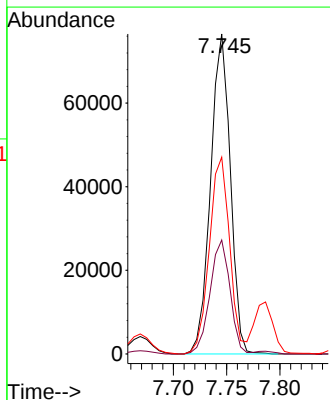
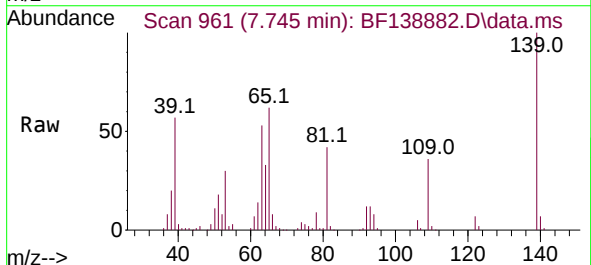
Manual Integrations
APPROVED

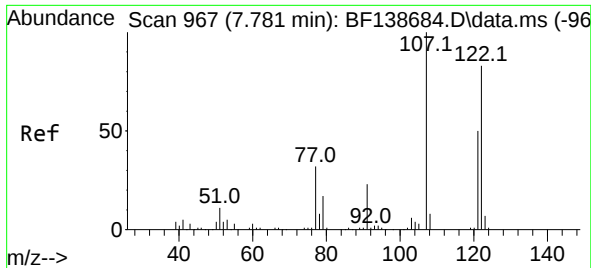
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#26
2-Nitrophenol
Concen: 46.683 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:139 Resp: 98469
Ion Ratio Lower Upper
139 100
109 35.6 25.9 38.9
65 61.5 47.0 70.6





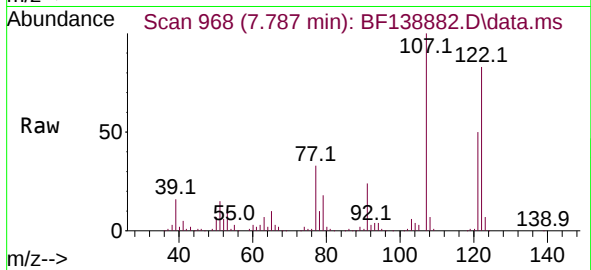
#27
2,4-Dimethylphenol
Concen: 50.936 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS



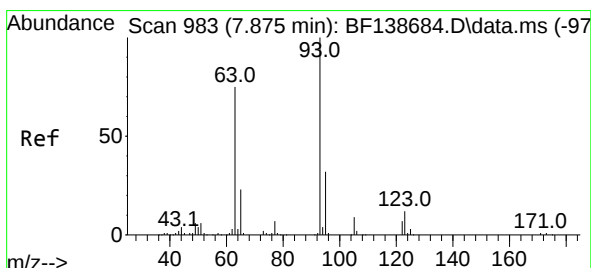
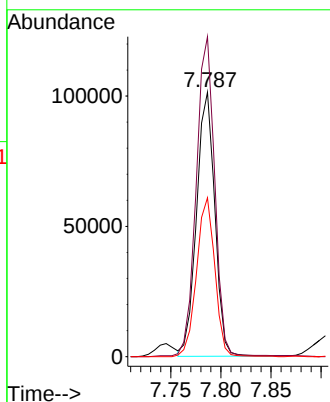
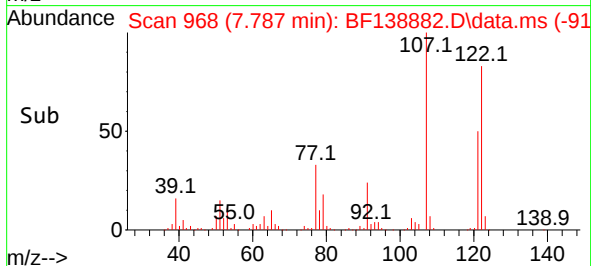
Tgt Ion:122 Resp: 128549
Ion Ratio Lower Upper
122 100
107 121.0 95.0 142.6
121 60.1 47.3 70.9

Manual Integrations

APPROVED

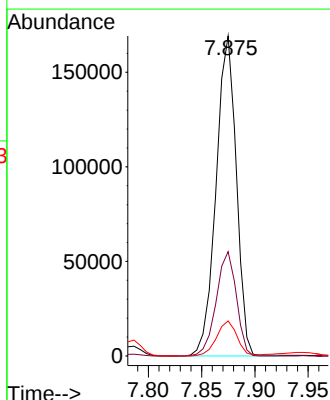
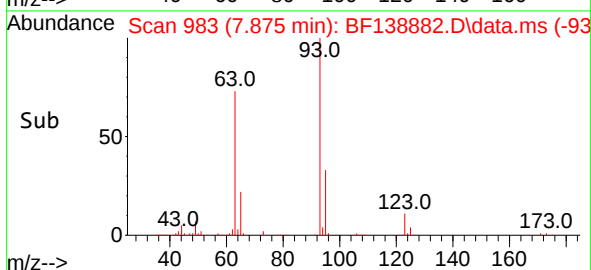
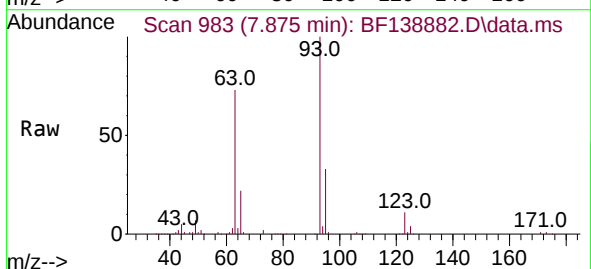
Reviewed By :Yogesh Patel 08/10/2024

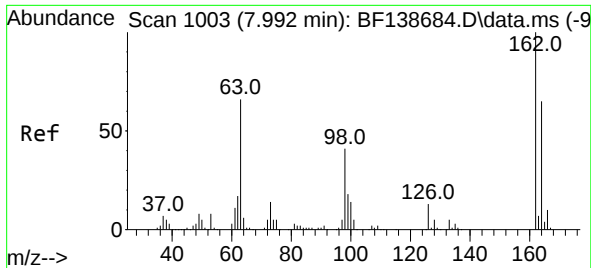
Supervised By :mohammad ahmed 08/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.582 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion: 93 Resp: 223358
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.0 9.4 14.0





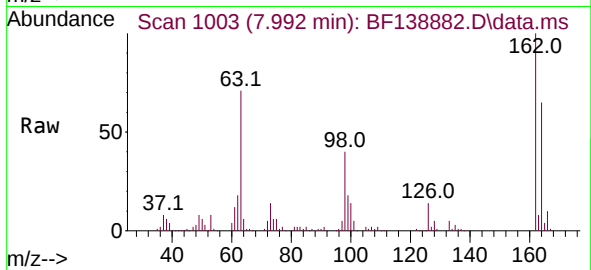
#29
2,4-Dichlorophenol
Concen: 48.708 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS



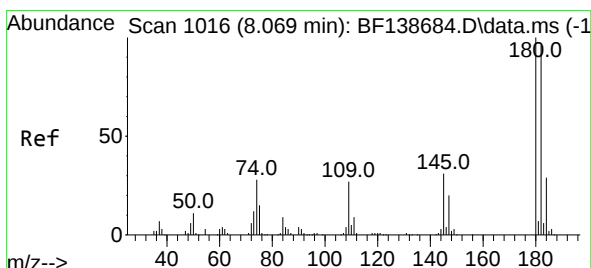
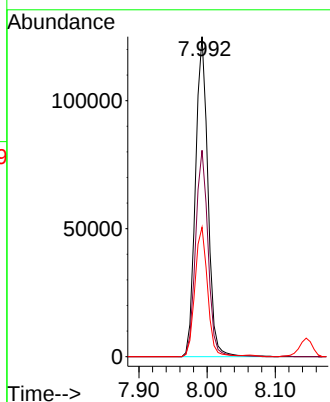
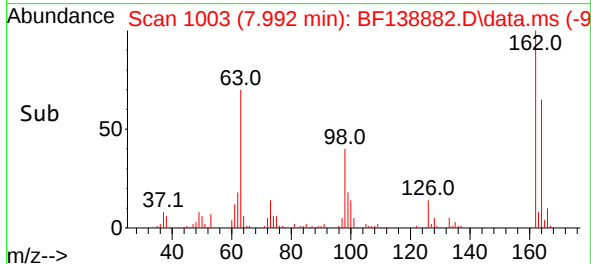
Tgt Ion:162 Resp: 157958
Ion Ratio Lower Upper
162 100
164 64.5 44.7 84.7
98 40.5 20.8 60.8

Manual Integrations

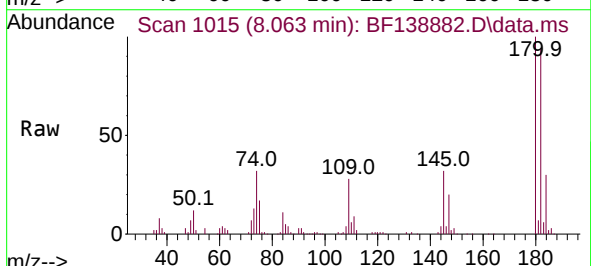
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

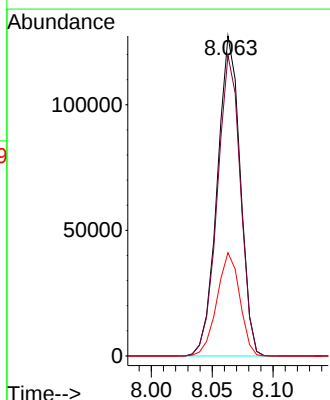
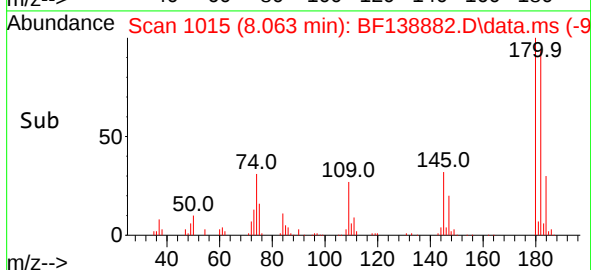
Supervised By :mohammad ahmed 08/12/2024

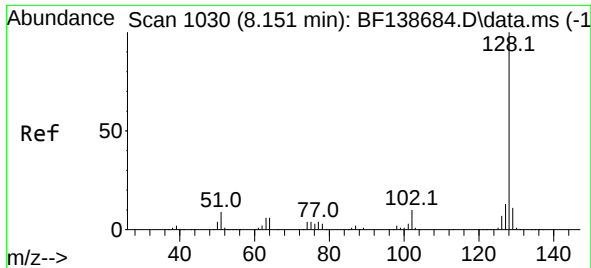


#30
1,2,4-Trichlorobenzene
Concen: 44.621 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:180 Resp: 166992
Ion Ratio Lower Upper
180 100
182 93.9 76.9 115.3
145 32.2 25.0 37.4





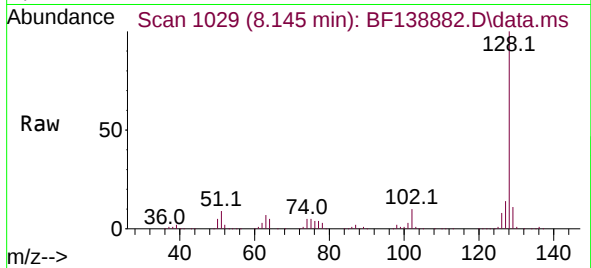
#31
Naphthalene
Concen: 44.350 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS



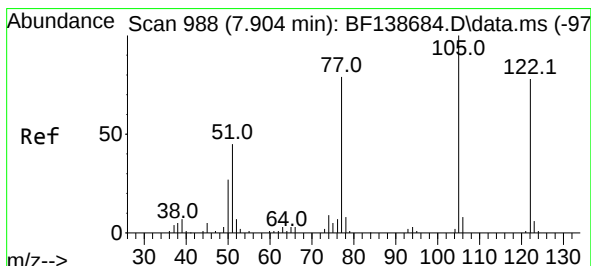
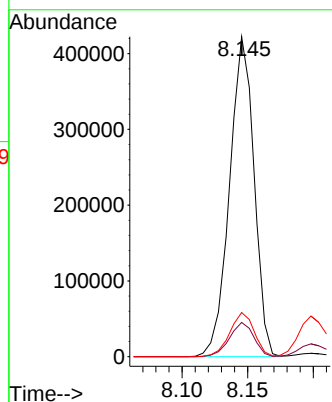
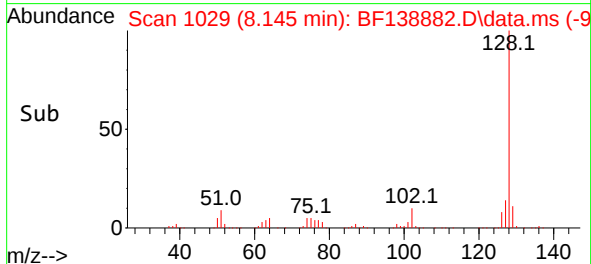
Tgt Ion:128 Resp: 549910
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.8 10.6 16.0

Manual Integrations

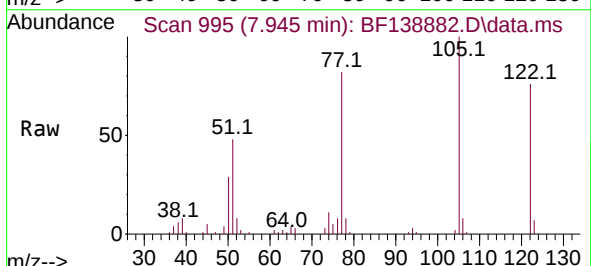
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

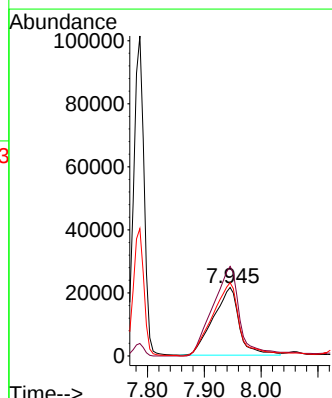
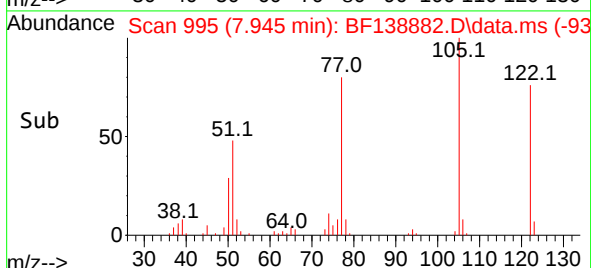
Supervised By :mohammad ahmed 08/12/2024

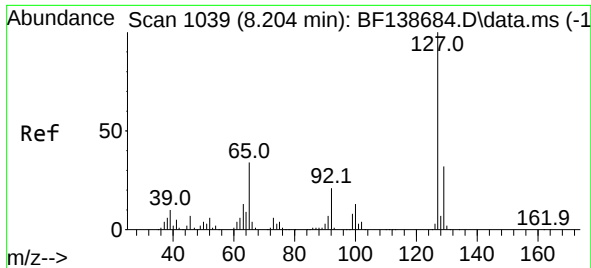


#32
Benzoic acid
Concen: 34.470 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:122 Resp: 68384
Ion Ratio Lower Upper
122 100
105 131.0 106.7 146.7
77 107.2 81.1 121.1





#33
4-Chloroaniline
Concen: 27.149 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

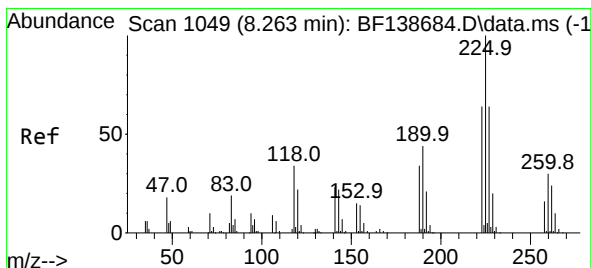
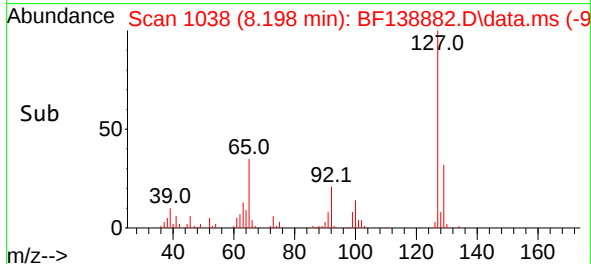
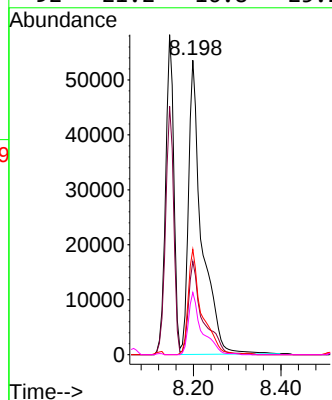
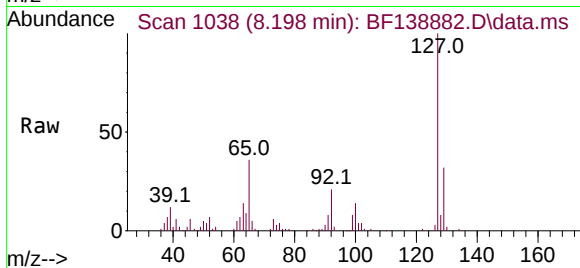
ClientSampleId :

PB162358BS

Tgt Ion:127 Resp: 11299
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 35.8 27.6 41.4
92 21.2 16.8 25.2

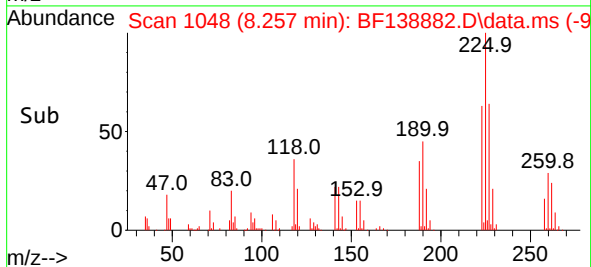
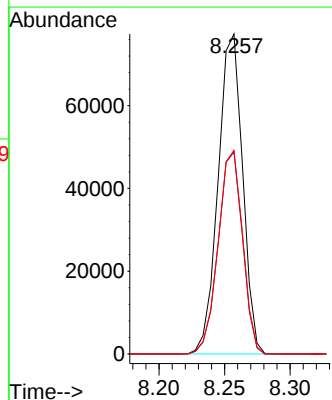
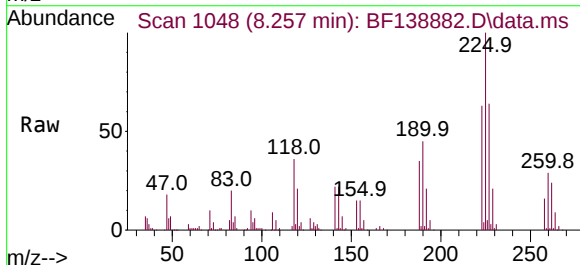
Manual Integrations
APPROVED

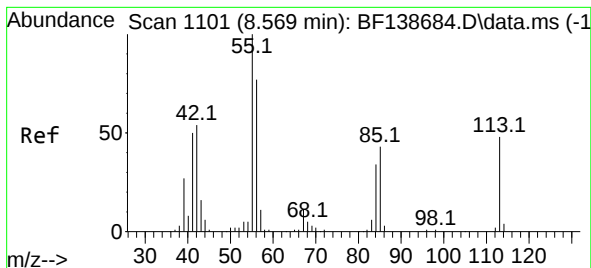
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#34
Hexachlorobutadiene
Concen: 44.217 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:225 Resp: 100232
Ion Ratio Lower Upper
225 100
223 63.1 51.2 76.8
227 63.6 51.1 76.7





#35

Caprolactam

Concen: 44.399 ng m

RT: 8.592 min Scan# 1105

Delta R.T. 0.024 min

Lab File: BF138882.D

Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

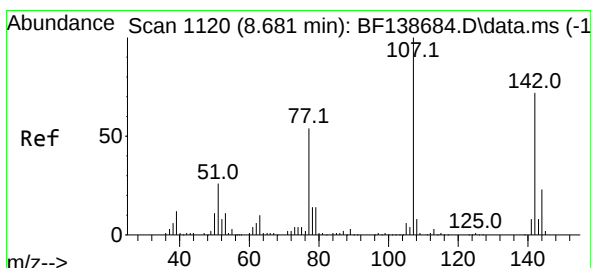
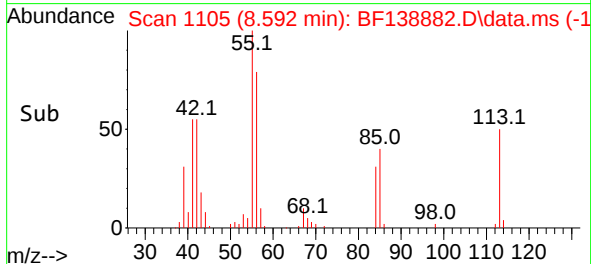
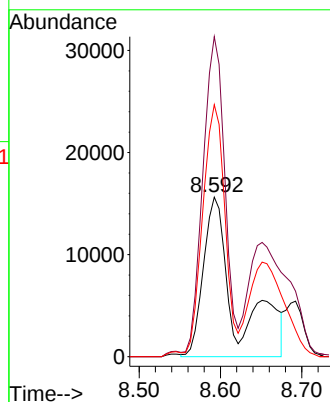
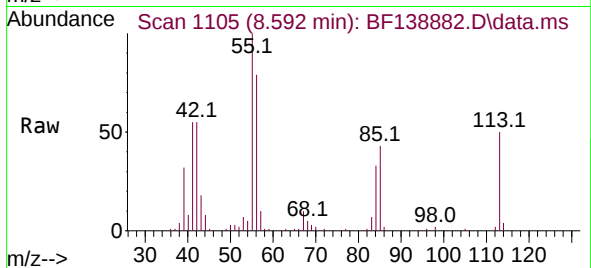
Tgt Ion:	113	Resp:	4296
Ion	Ratio	Lower	Upper
113	100		
55	200.6	186.7	226.7
56	158.0	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#36

4-Chloro-3-methylphenol

Concen: 49.726 ng

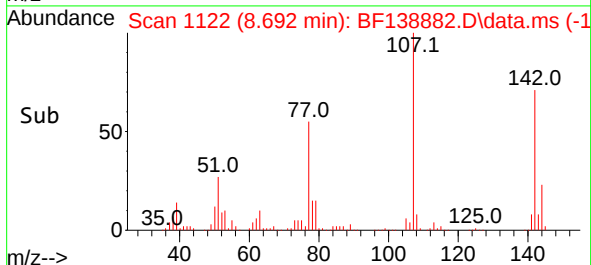
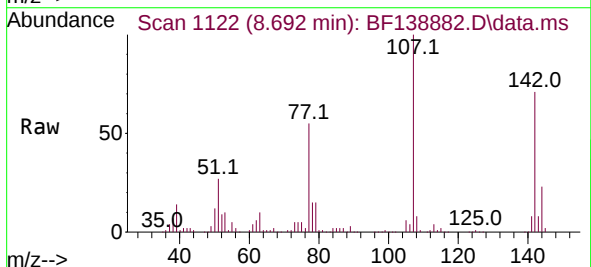
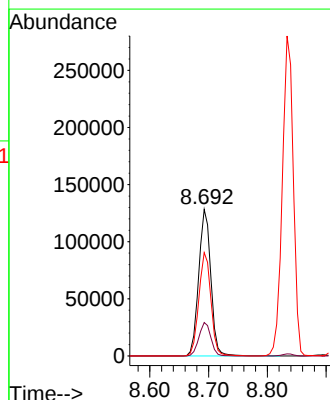
RT: 8.692 min Scan# 1122

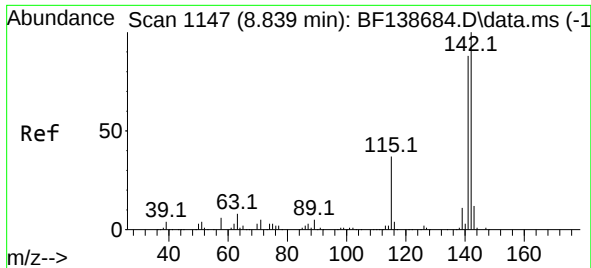
Delta R.T. 0.012 min

Lab File: BF138882.D

Acq: 09 Aug 2024 11:21

Tgt Ion:	107	Resp:	184296
Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.2	27.2
142	70.5	57.4	86.2





#37
2-Methylnaphthalene
Concen: 46.463 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

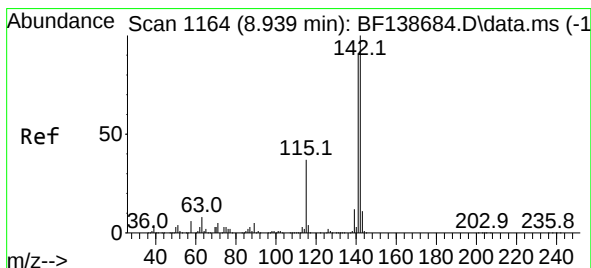
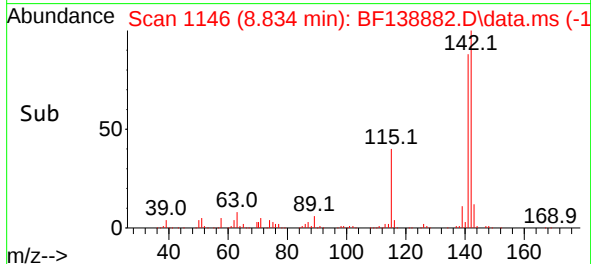
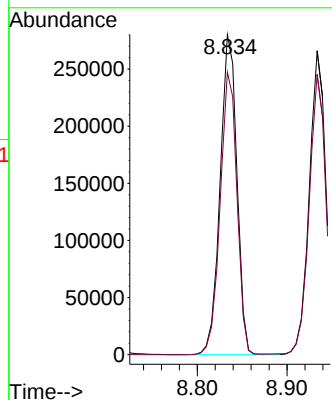
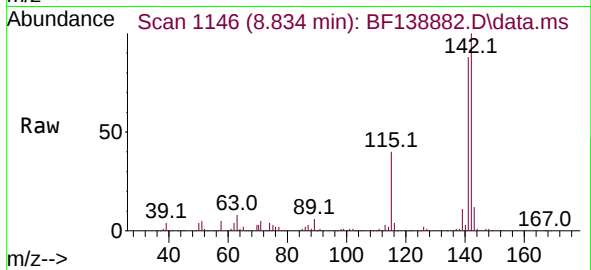
PB162358BS

Tgt Ion:142 Resp: 36384
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

Manual Integrations

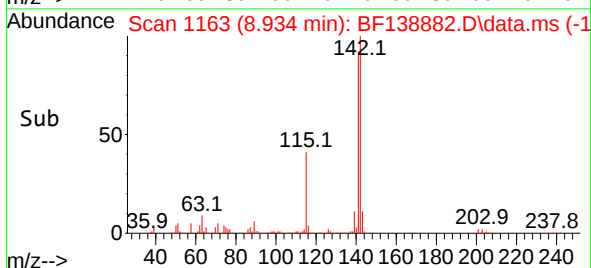
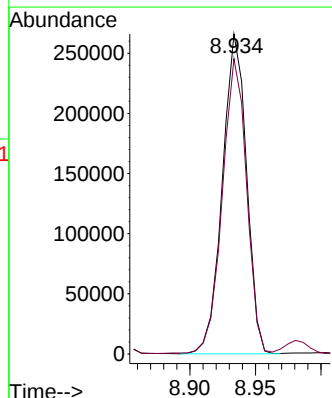
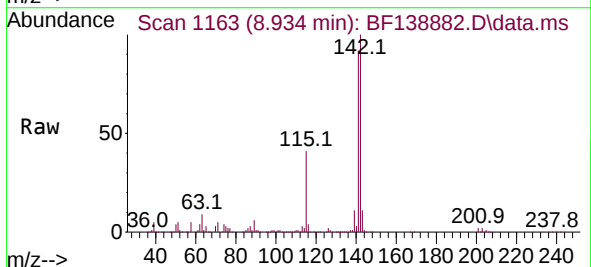
APPROVED

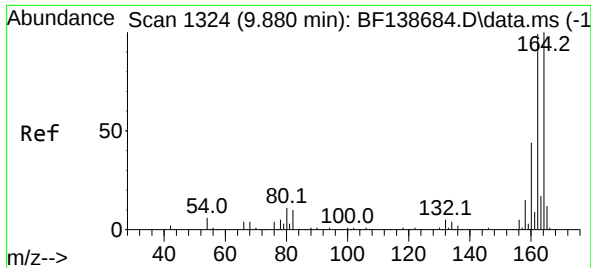
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#38
1-Methylnaphthalene
Concen: 44.343 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:142 Resp: 340269
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7





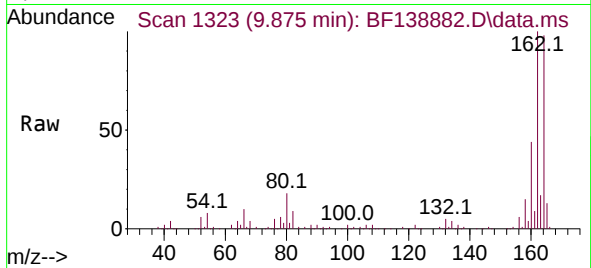
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.005 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS



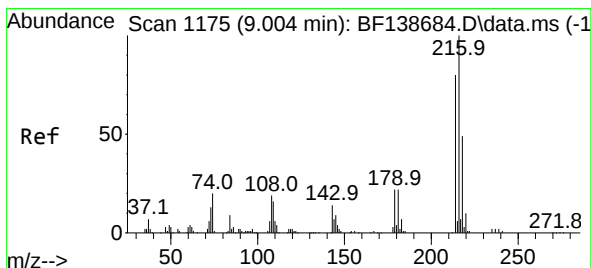
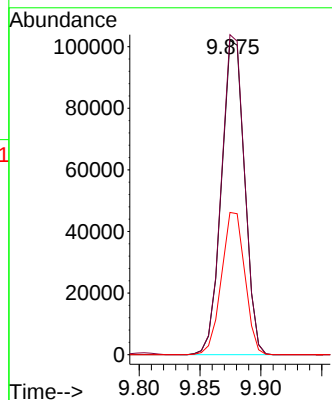
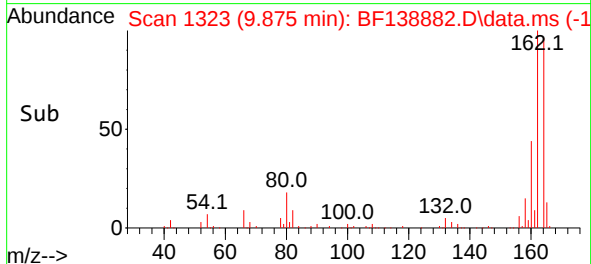
Tgt Ion:164 Resp: 134838
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 45.3 35.1 52.7

Manual Integrations

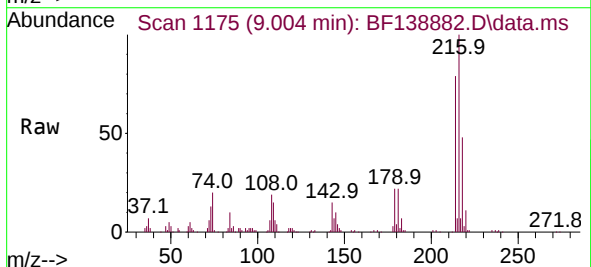
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

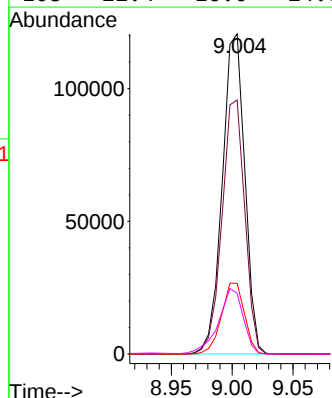
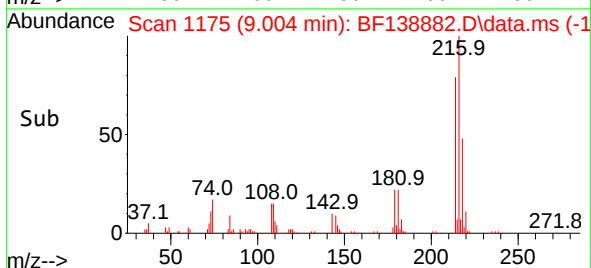
Supervised By :mohammad ahmed 08/12/2024

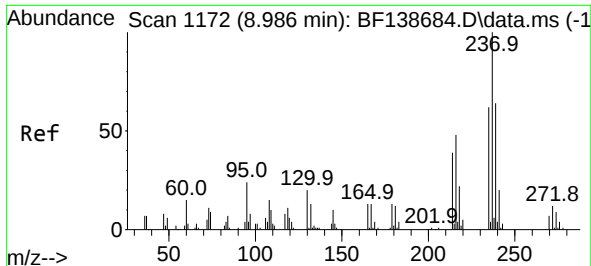


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.494 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



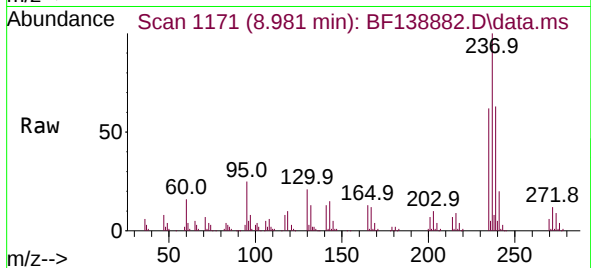
Tgt Ion:216 Resp: 155420
Ion Ratio Lower Upper
216 100
214 80.1 63.9 95.9
179 22.6 17.8 26.6
108 22.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 105.547 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

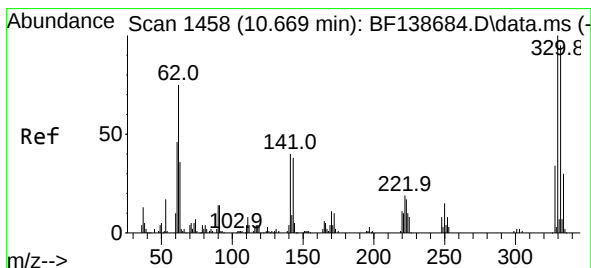
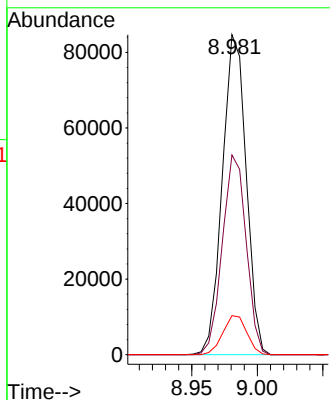
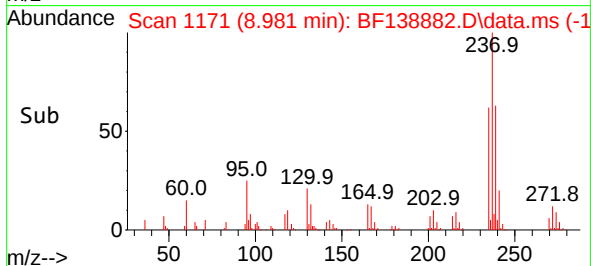
Instrument :
BNA_F
ClientSampleId :
PB162358BS



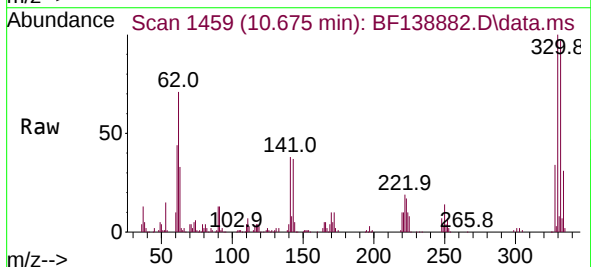
Tgt Ion:237 Resp: 10705
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 12.2 0.0 32.2

Manual Integrations
APPROVED

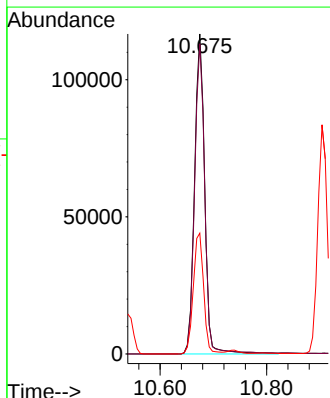
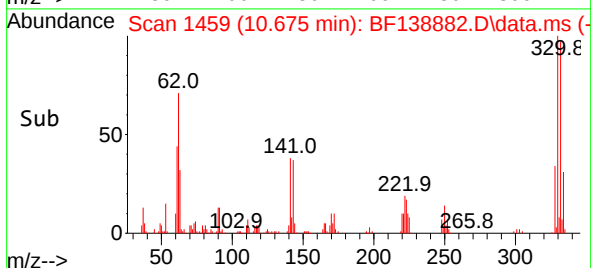
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

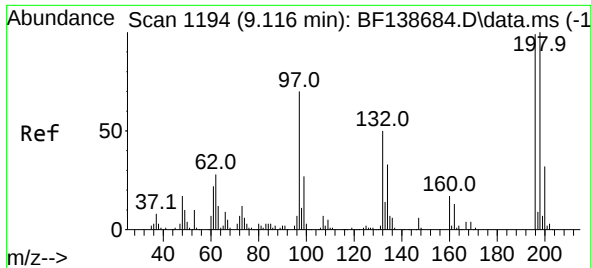


#42
2,4,6-Tribromophenol
Concen: 140.373 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:330 Resp: 155043
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 38.6 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 46.016 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

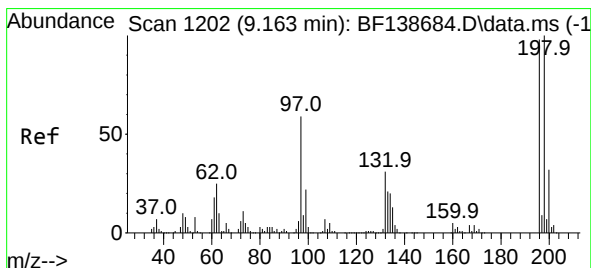
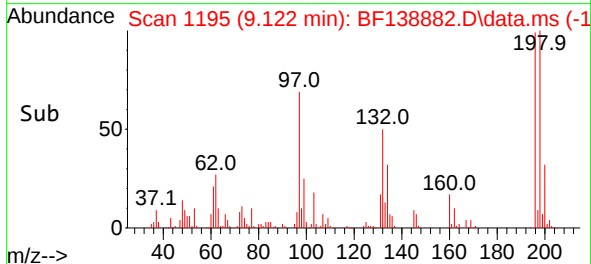
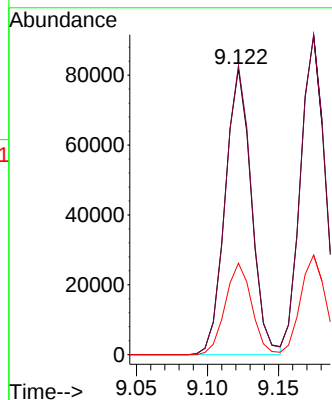
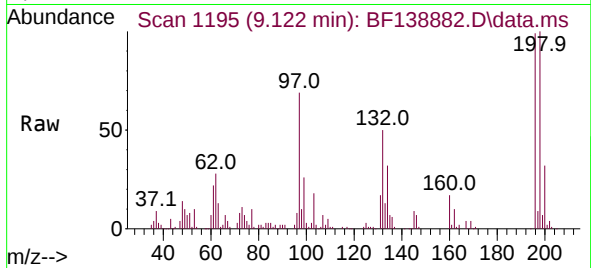
PB162358BS

Tgt Ion:196 Resp: 105090
Ion Ratio Lower Upper
196 100
198 101.2 80.5 120.7
200 32.1 25.9 38.9

Manual Integrations

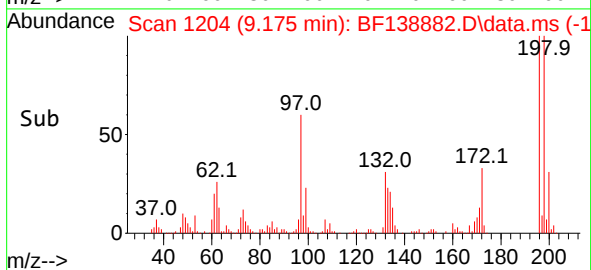
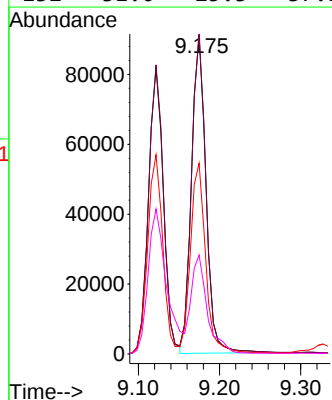
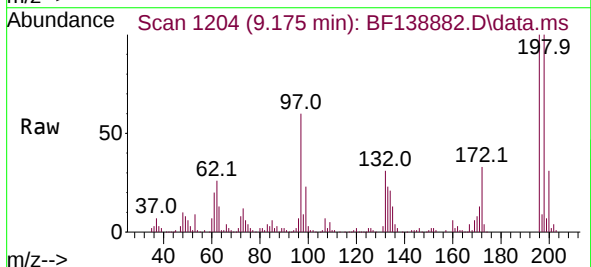
APPROVED

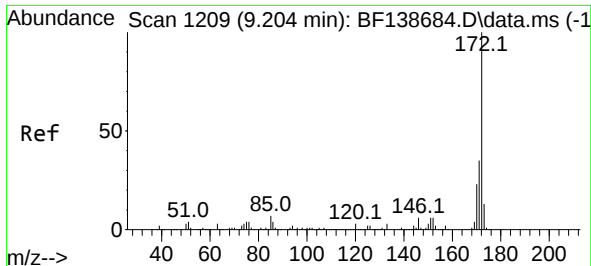
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#44
2,4,5-Trichlorophenol
Concen: 45.457 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:196 Resp: 113489
Ion Ratio Lower Upper
196 100
198 100.4 81.2 121.8
97 59.8 47.8 71.6
132 31.0 25.3 37.9





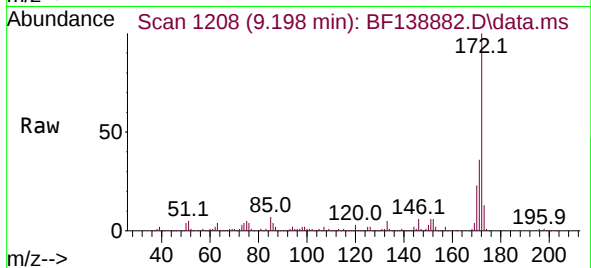
#45
2-Fluorobiphenyl
Concen: 87.504 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

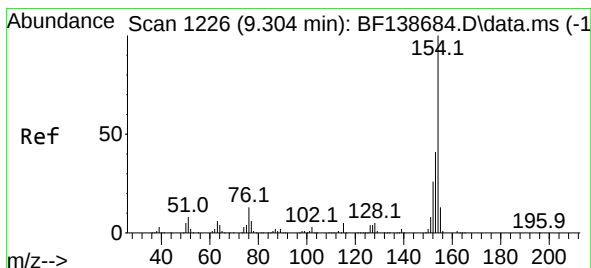
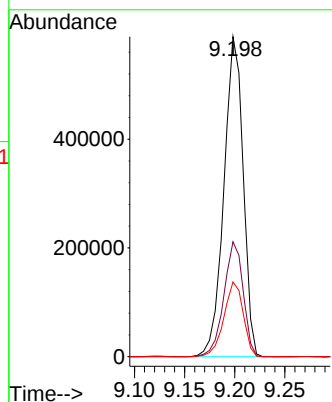
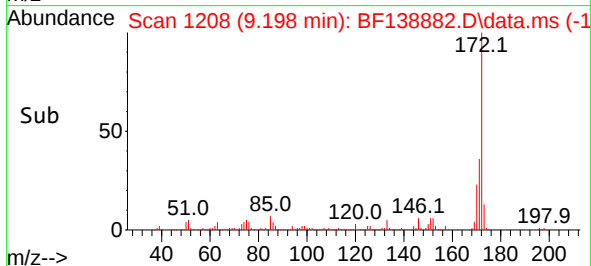


Tgt Ion:172 Resp: 78528
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 18.8 28.2

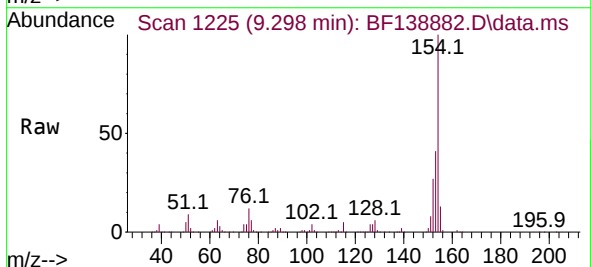
Manual Integrations

APPROVED

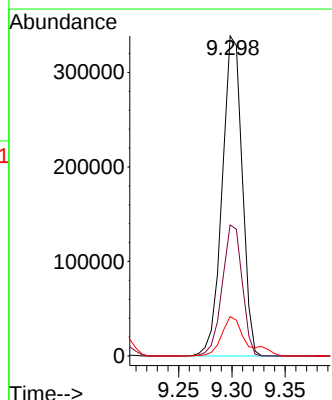
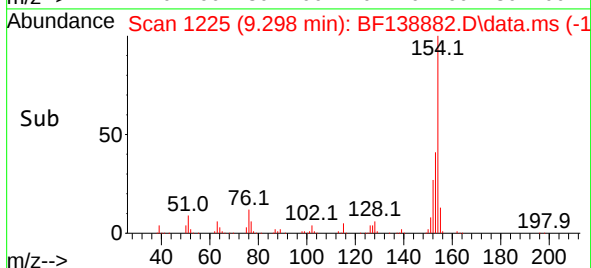
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

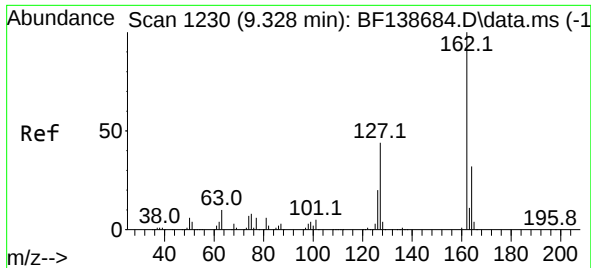


#46
1,1'-Biphenyl
Concen: 41.701 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:154 Resp: 440378
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.3 0.0 32.8





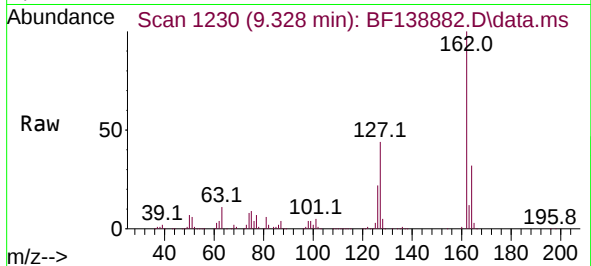
#47
2-Chloronaphthalene
Concen: 43.311 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

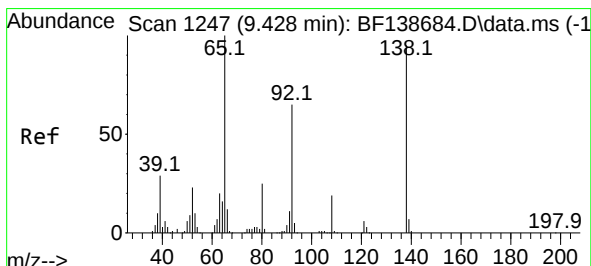
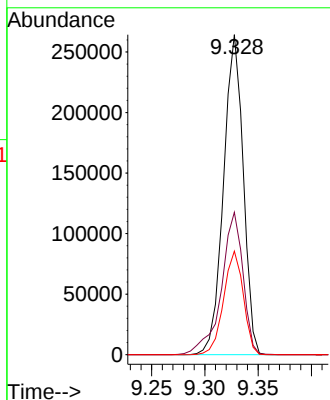
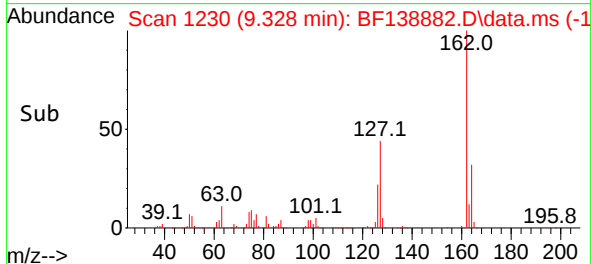
PB162358BS



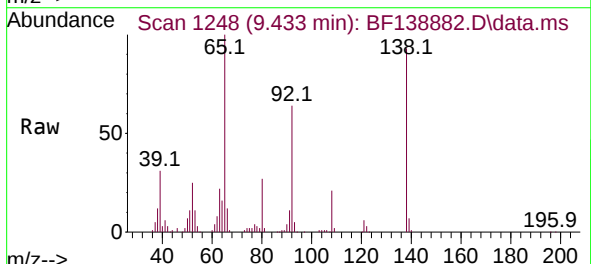
Tgt Ion:162 Resp: 34016
Ion Ratio Lower Upper
162 100
127 44.5 35.4 53.2
164 32.4 25.6 38.4

Manual Integrations
APPROVED

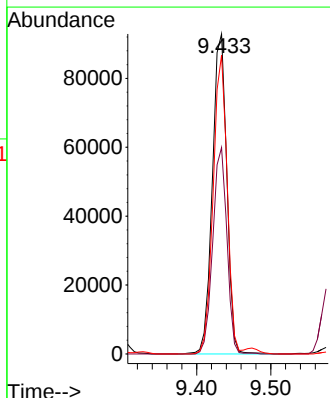
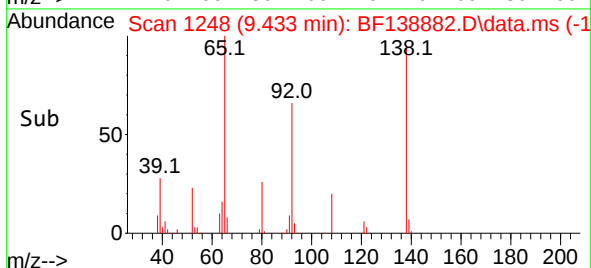
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

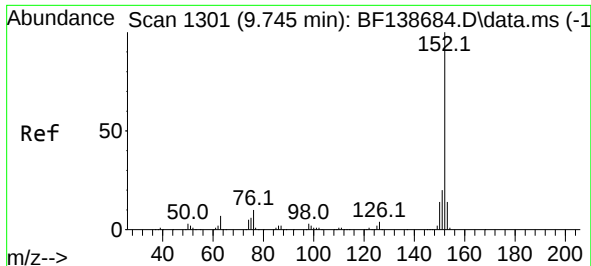


#48
2-Nitroaniline
Concen: 47.041 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion: 65 Resp: 125252
Ion Ratio Lower Upper
65 100
92 64.5 52.0 78.0
138 93.4 76.2 114.4





#49
Acenaphthylene
Concen: 48.790 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

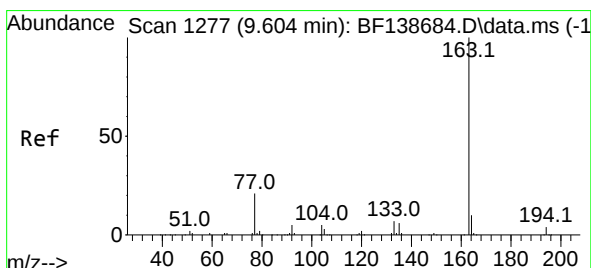
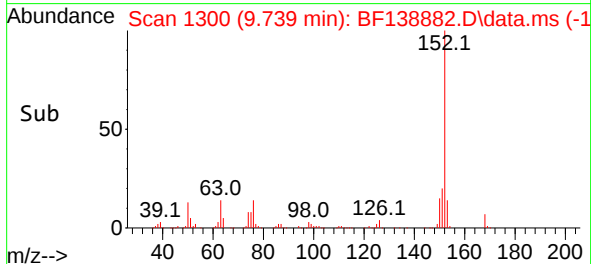
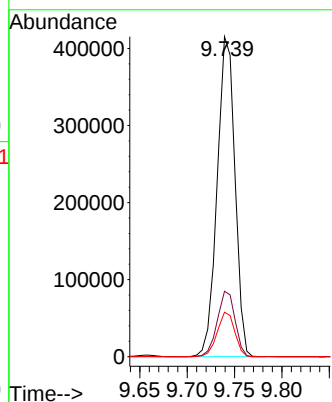
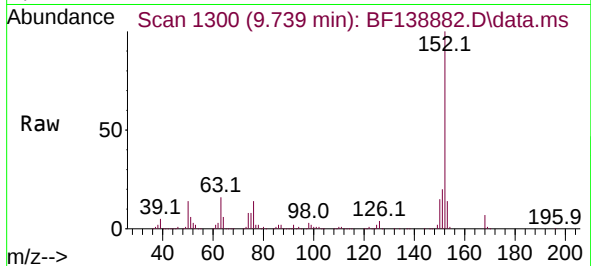
ClientSampleId :

PB162358BS

Tgt Ion:152 Resp: 54348
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.9 11.0 16.4

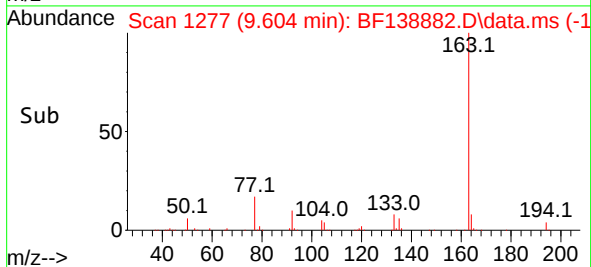
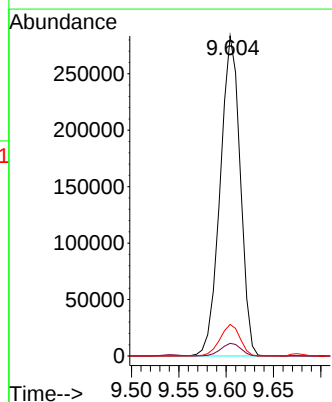
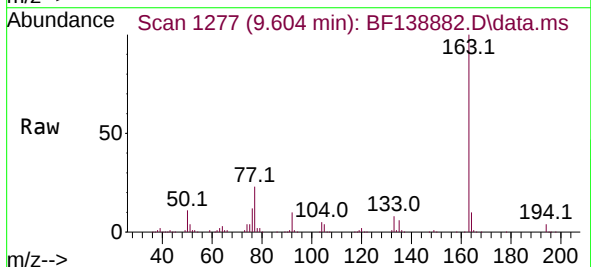
Manual Integrations
APPROVED

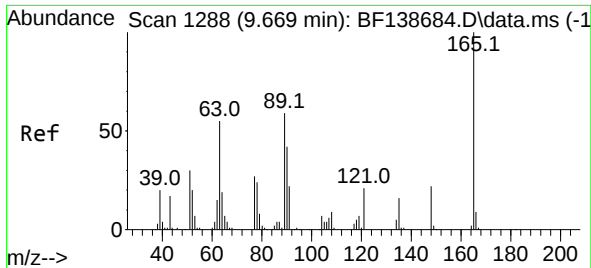
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#50
Dimethylphthalate
Concen: 48.411 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

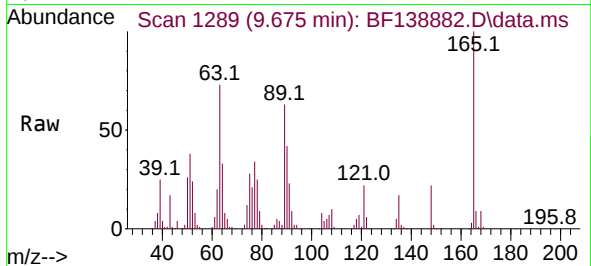
Tgt Ion:163 Resp: 417390
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 46.630 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

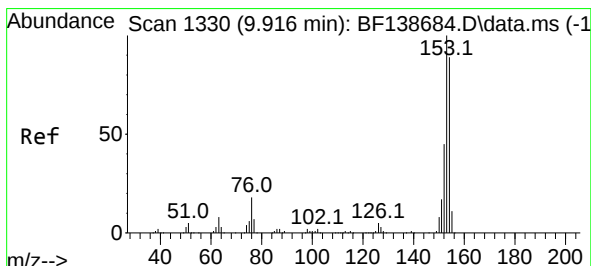
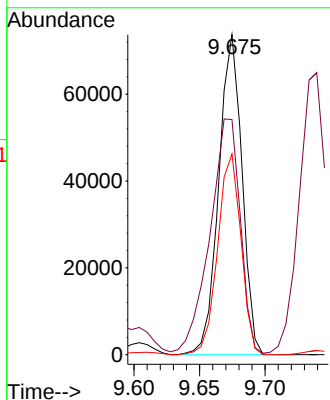
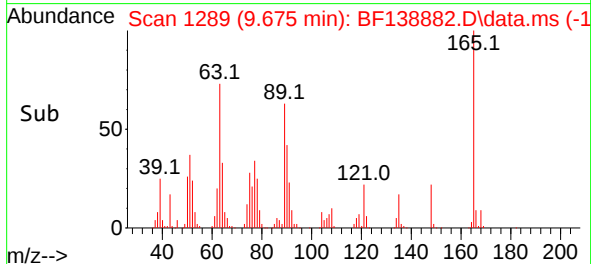
Instrument :
BNA_F
ClientSampleId :
PB162358BS



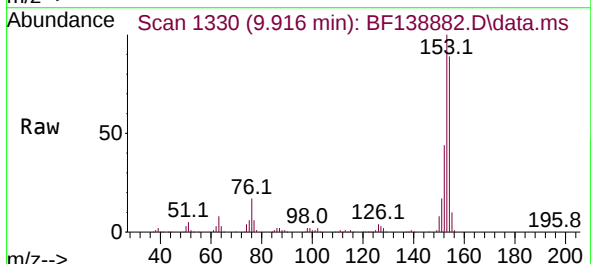
Tgt Ion:165 Resp: 9073
Ion Ratio Lower Upper
165 100
63 73.5 52.0 78.0
89 62.7 47.0 70.6

Manual Integrations
APPROVED

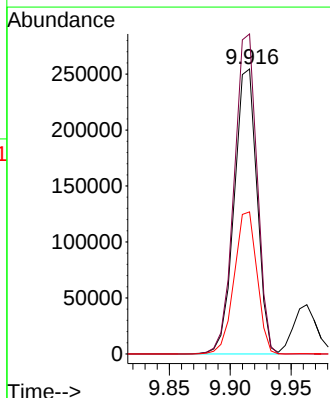
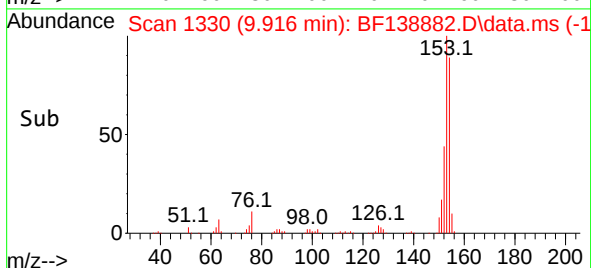
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

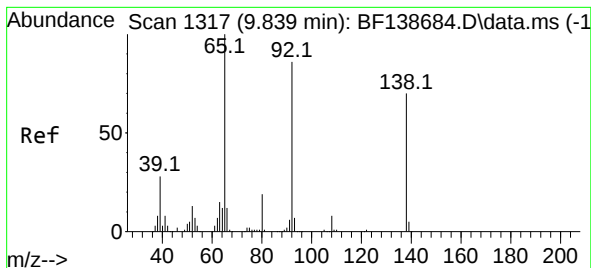


#52
Acenaphthene
Concen: 44.455 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:154 Resp: 332882
Ion Ratio Lower Upper
154 100
153 112.3 89.9 134.9
152 49.8 40.6 60.8





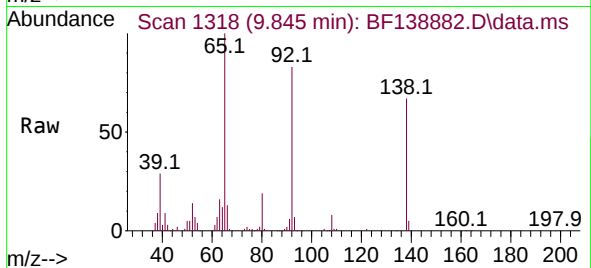
#53
3-Nitroaniline
Concen: 31.761 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

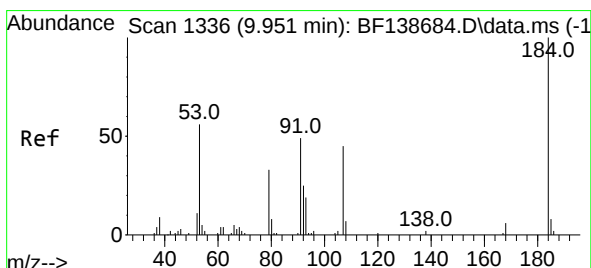
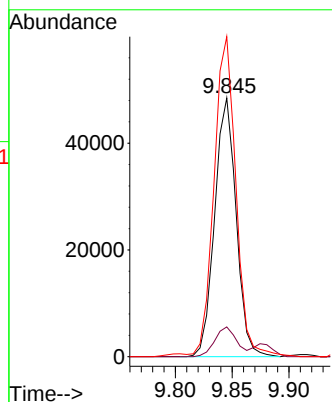
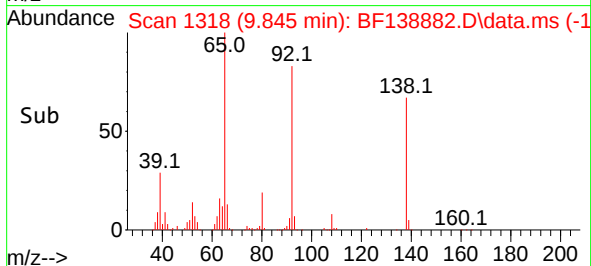


Tgt Ion:138 Resp: 6388
Ion Ratio Lower Upper
138 100
108 11.5 9.1 13.7
92 123.7 98.7 148.1

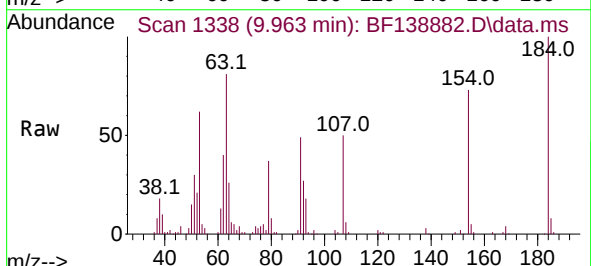
Manual Integrations

APPROVED

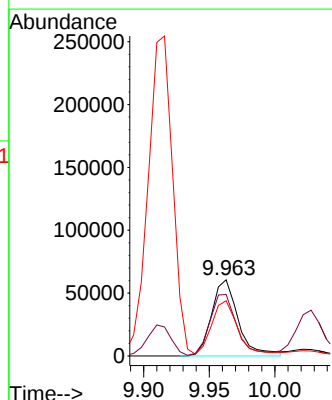
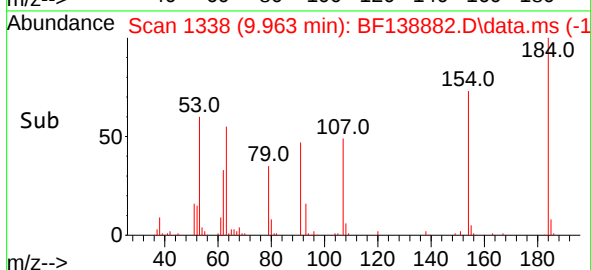
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

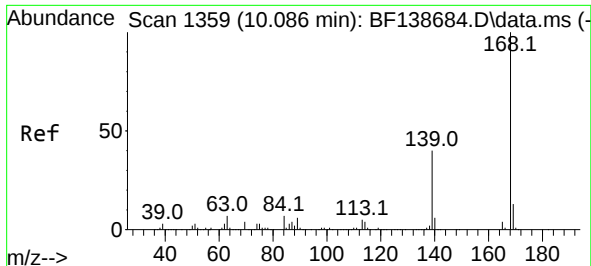


#54
2,4-Dinitrophenol
Concen: 95.421 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



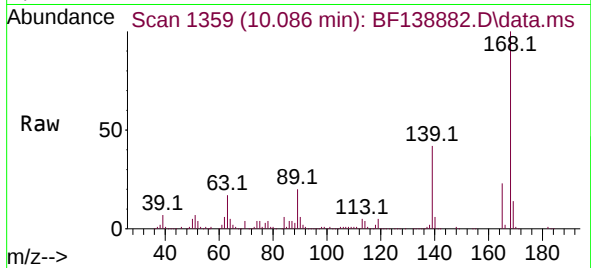
Tgt Ion:184 Resp: 85468
Ion Ratio Lower Upper
184 100
63 80.6 57.5 86.3
154 72.5 51.7 77.5





#55
Dibenzofuran
Concen: 46.607 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

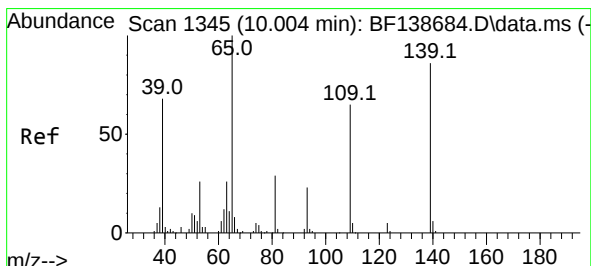
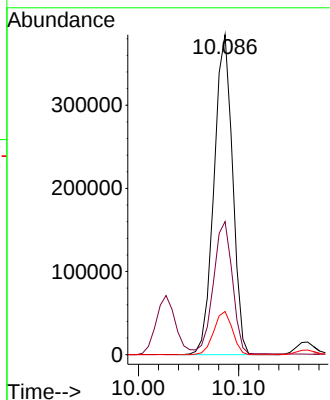
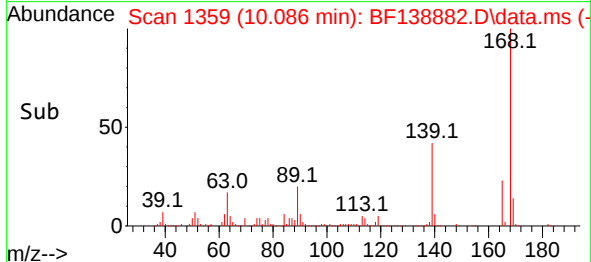
Instrument :
BNA_F
ClientSampleId :
PB162358BS



Tgt Ion:168 Resp: 492644
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.5 10.7 16.1

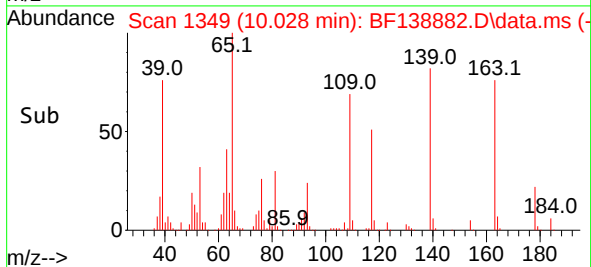
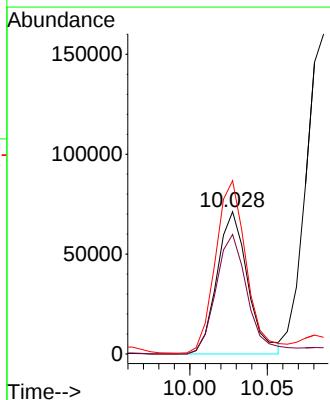
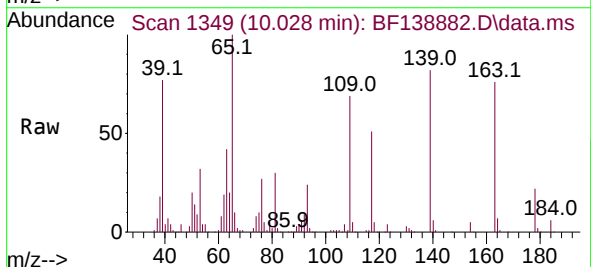
Manual Integrations
APPROVED

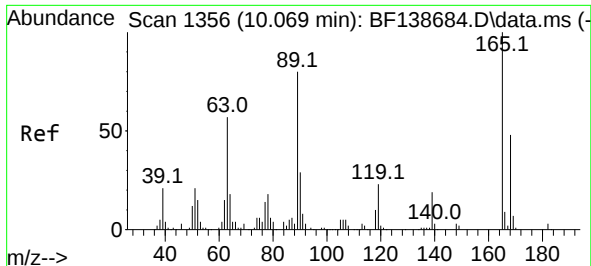
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#56
4-Nitrophenol
Concen: 81.187 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:139 Resp: 98204
Ion Ratio Lower Upper
139 100
109 84.0 55.5 95.5
65 121.7 96.7 136.7





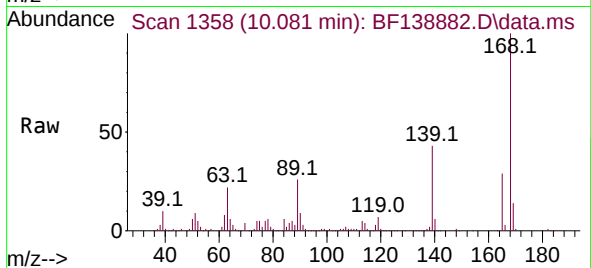
#57
2,4-Dinitrotoluene
Concen: 50.453 ng
RT: 10.081 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS



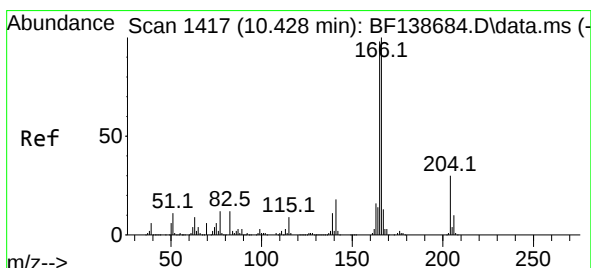
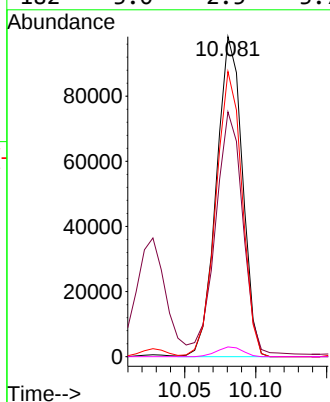
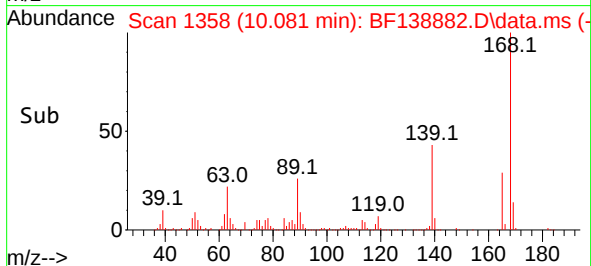
Tgt Ion:165 Resp: 125249
Ion Ratio Lower Upper
165 100
63 76.5 46.3 69.5
89 89.1 64.2 96.4
182 3.0 2.5 3.7

Manual Integrations

APPROVED

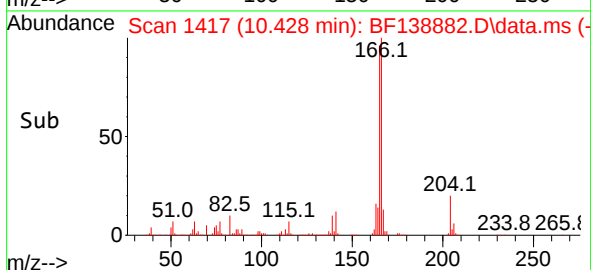
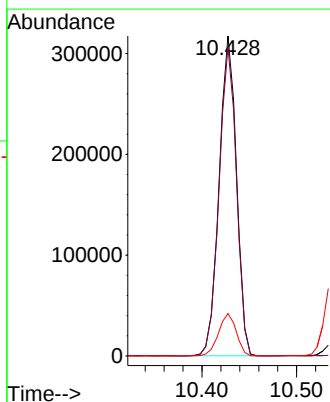
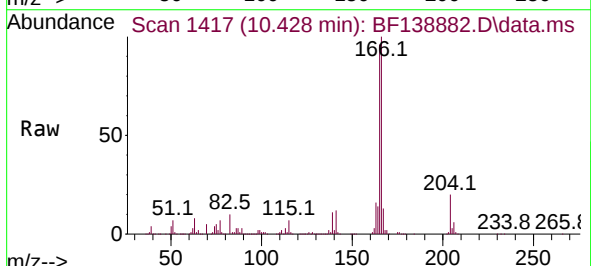
Reviewed By :Yogesh Patel 08/10/2024

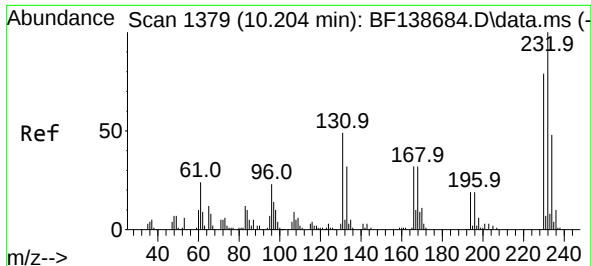
Supervised By :mohammad ahmed 08/12/2024



#58
Fluorene
Concen: 47.975 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:166 Resp: 403830
Ion Ratio Lower Upper
166 100
165 96.5 78.4 117.6
167 13.3 10.6 16.0





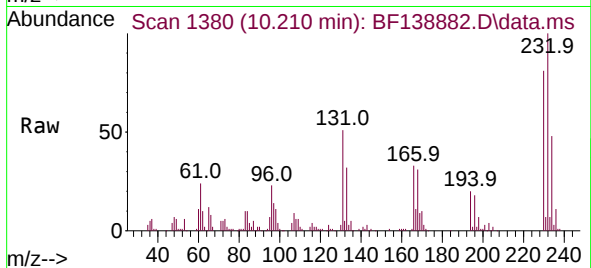
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.226 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

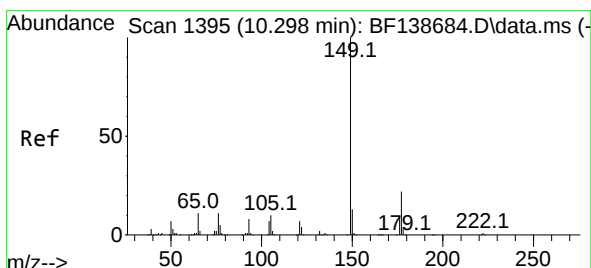
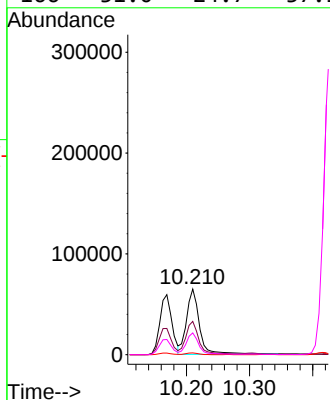
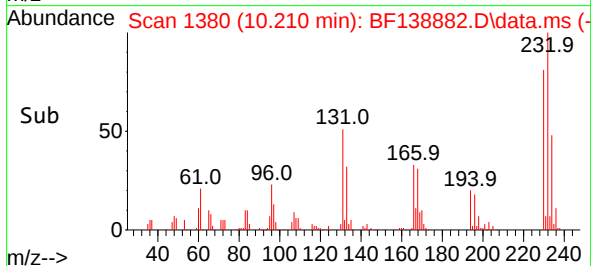


Tgt Ion:232 Resp: 92050
Ion Ratio Lower Upper
232 100
131 50.2 37.0 55.4
130 2.6 2.0 3.0
166 31.0 24.7 37.1

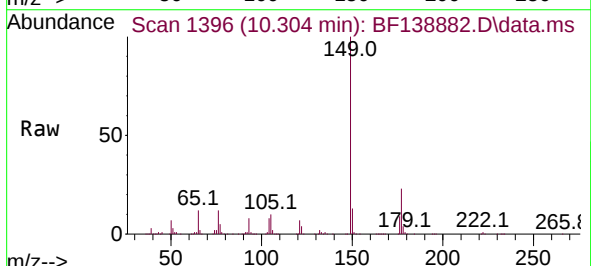
Manual Integrations

APPROVED

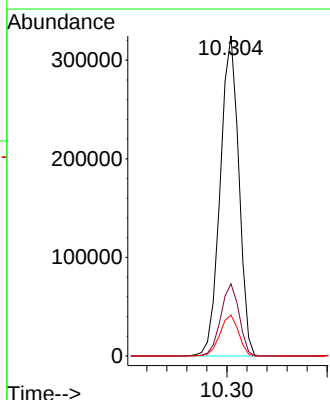
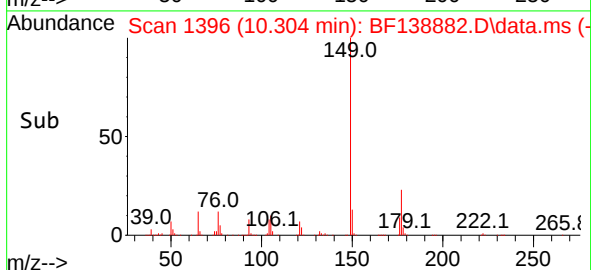
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

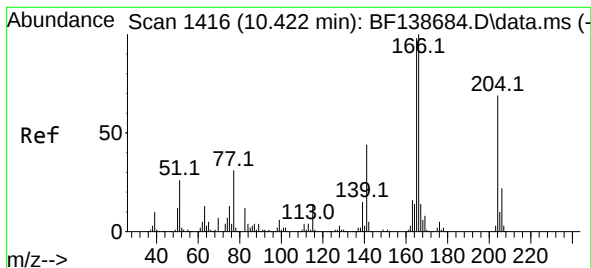


#60
Diethylphthalate
Concen: 50.978 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:149 Resp: 416740
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.933 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

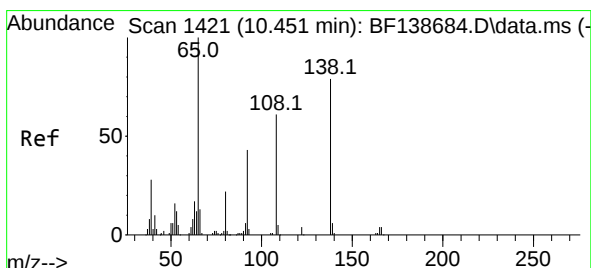
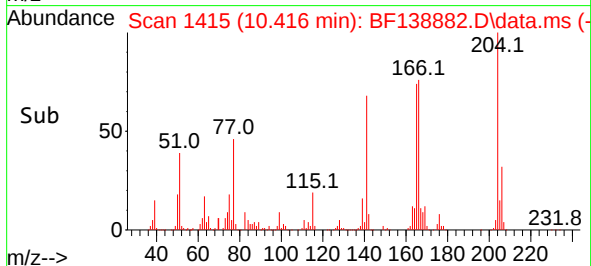
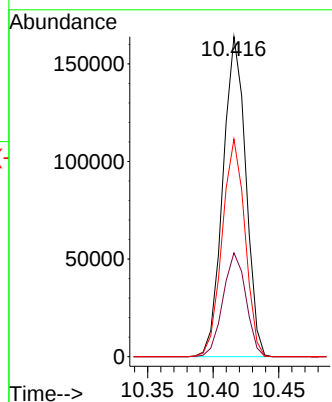
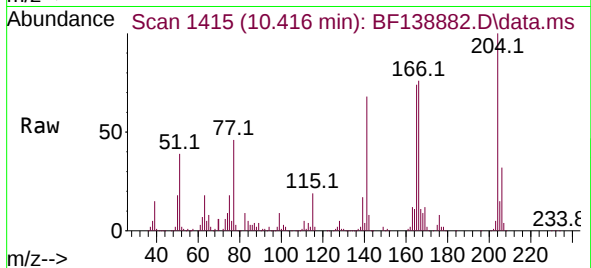
PB162358BS

Tgt Ion:204 Resp: 198430
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 68.0 51.4 77.0

Manual Integrations

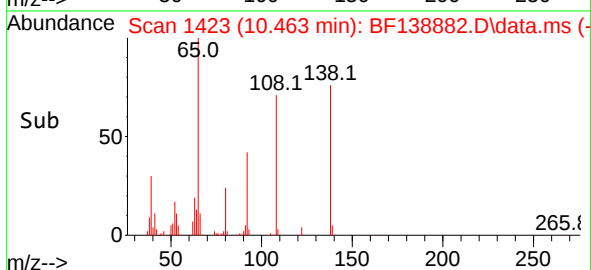
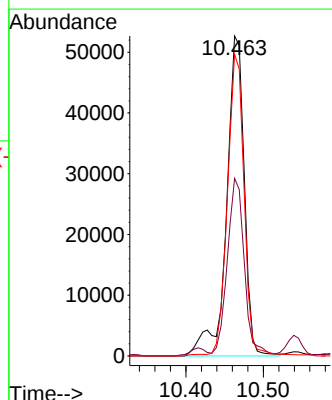
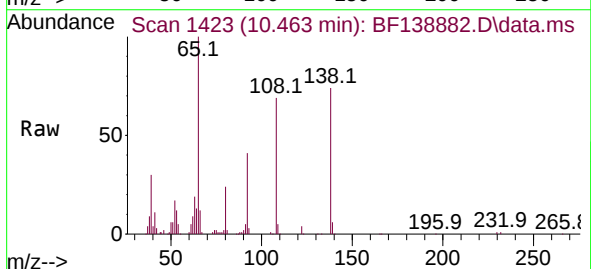
APPROVED

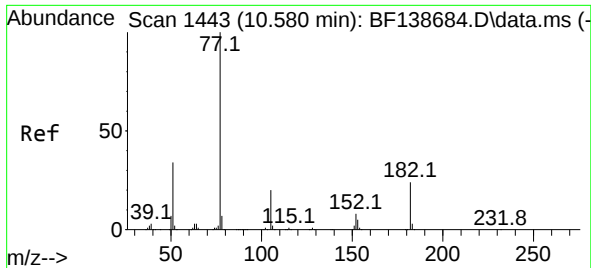
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#62
4-Nitroaniline
Concen: 44.099 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

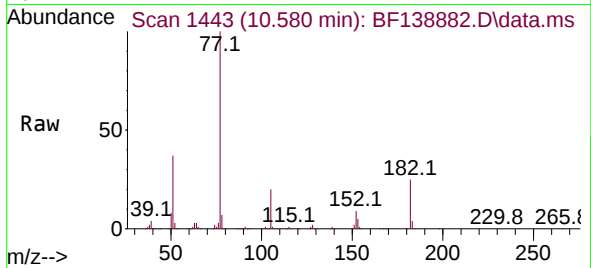
Tgt Ion:138 Resp: 84296
Ion Ratio Lower Upper
138 100
92 55.5 34.2 74.2
108 94.3 56.2 96.2





#63
Azobenzene
Concen: 47.569 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

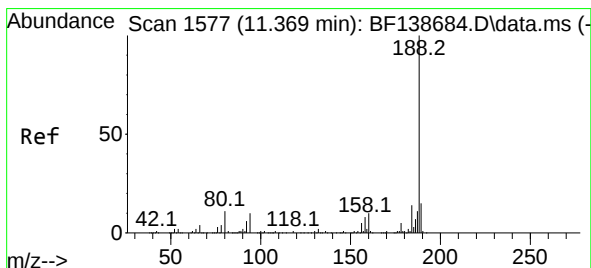
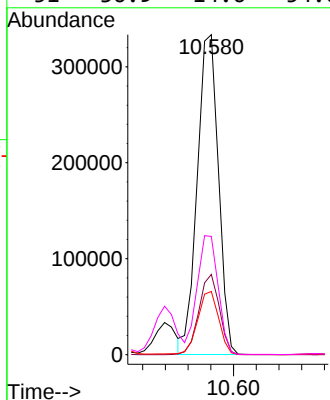
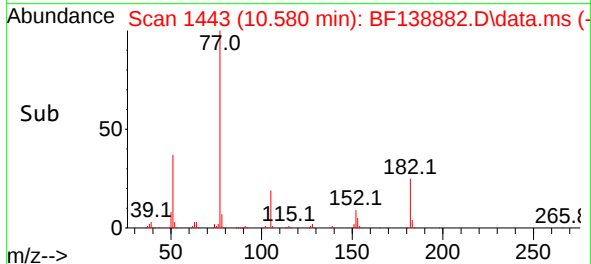
Instrument :
BNA_F
ClientSampleId :
PB162358BS



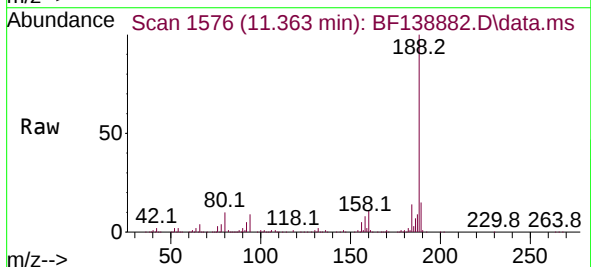
Tgt Ion: 77 Resp: 431300
Ion Ratio Lower Upper
77 100
182 25.1 3.4 43.4
105 19.8 0.2 40.2
51 36.9 14.6 54.6

Manual Integrations
APPROVED

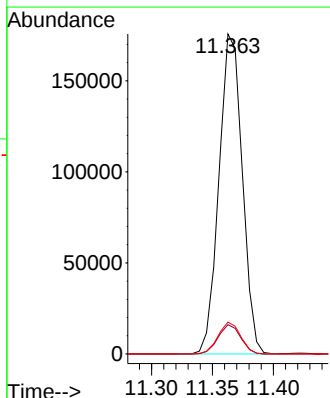
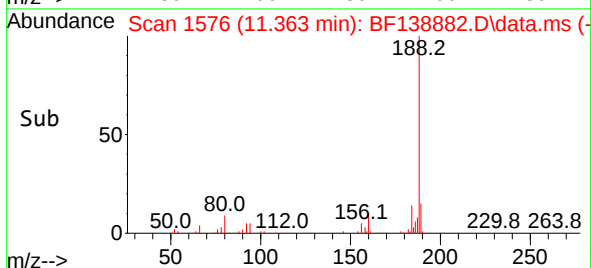
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

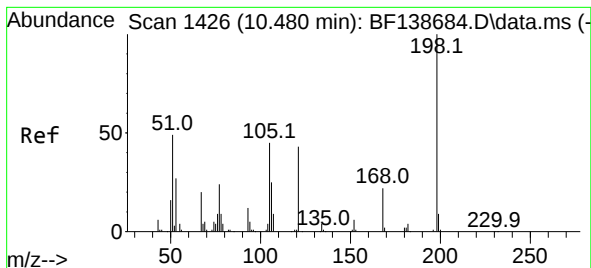


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:188 Resp: 234224
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.9 8.6 12.8





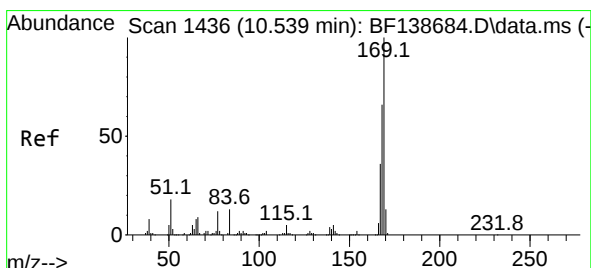
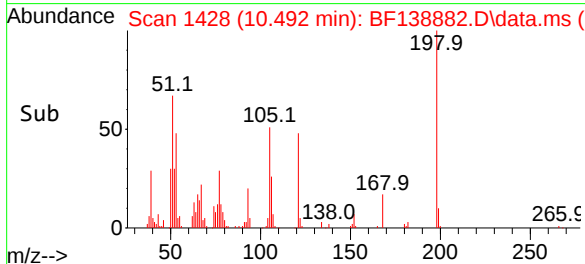
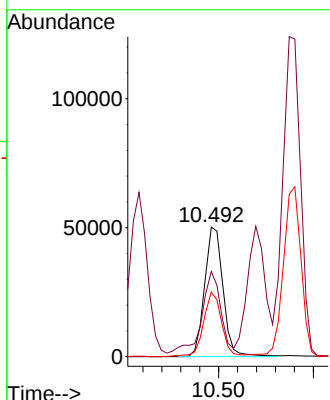
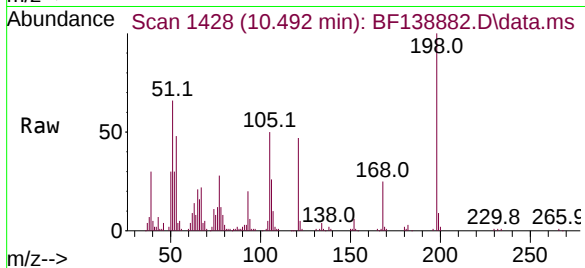
#65
4,6-Dinitro-2-methylphenol
Concen: 47.448 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB162358BS

Tgt Ion:198 Resp: 6780
Ion Ratio Lower Upper
198 100
51 65.7 39.9 79.9
105 49.9 26.1 66.1

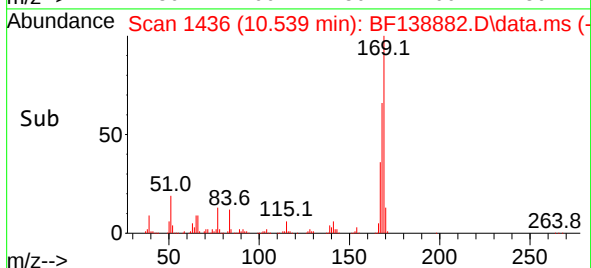
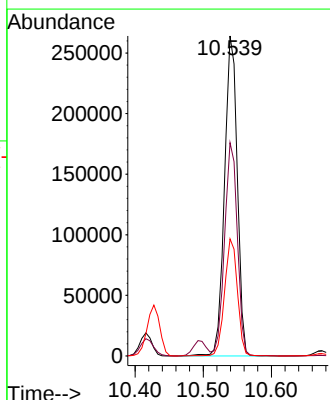
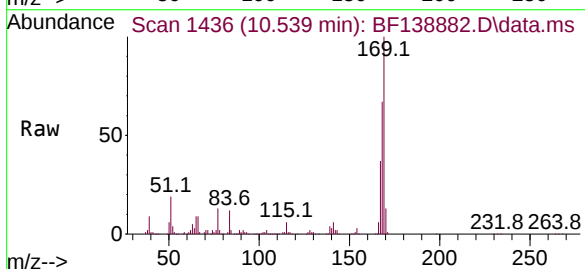
Manual Integrations
APPROVED

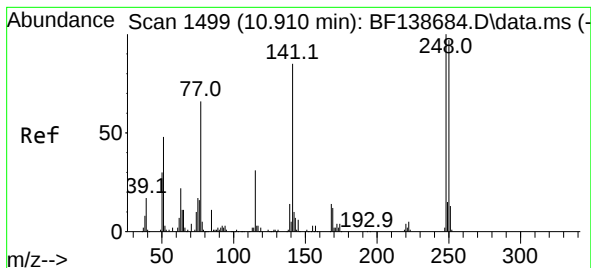
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#66
n-Nitrosodiphenylamine
Concen: 47.025 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:169 Resp: 344285
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.253 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

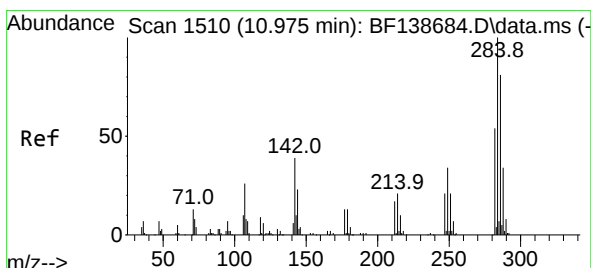
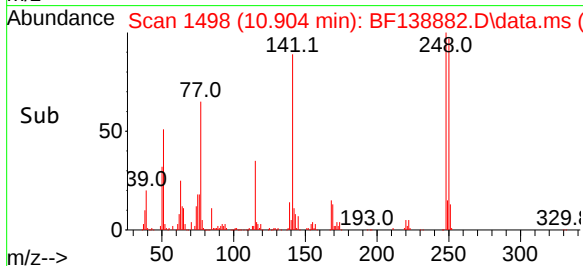
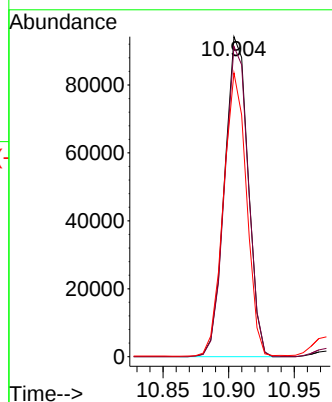
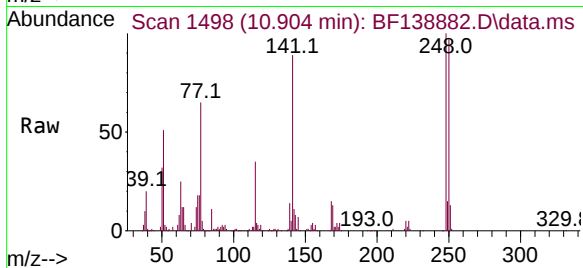
ClientSampleId :

PB162358BS

Tgt Ion:248 Resp: 11729
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 88.7 68.0 102.0

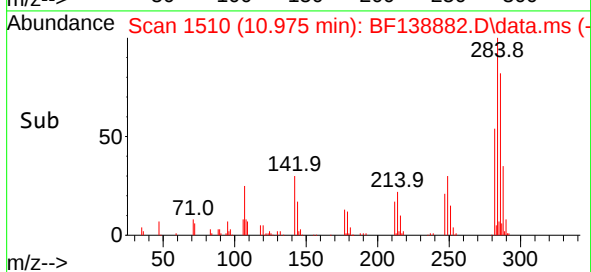
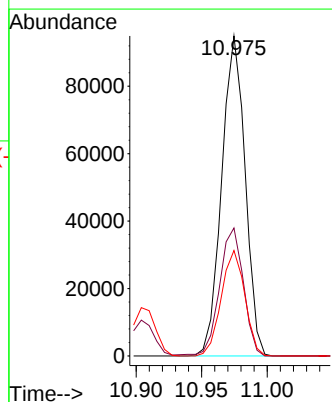
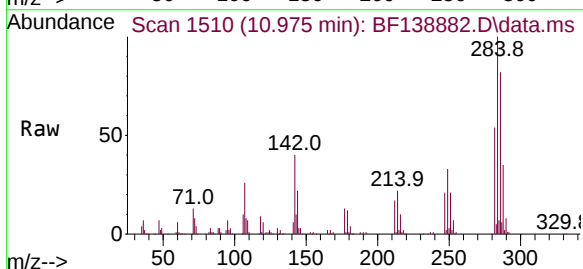
Manual Integrations
APPROVED

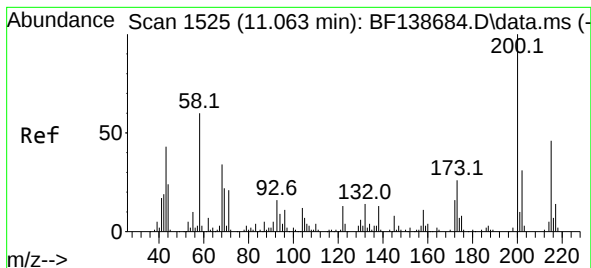
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#68
Hexachlorobenzene
Concen: 44.994 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:284 Resp: 117810
Ion Ratio Lower Upper
284 100
142 40.0 31.3 46.9
249 32.9 27.2 40.8





#69

Atrazine

Concen: 55.113 ng

RT: 11.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138882.D

Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

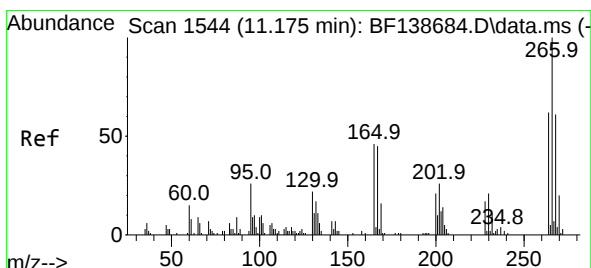
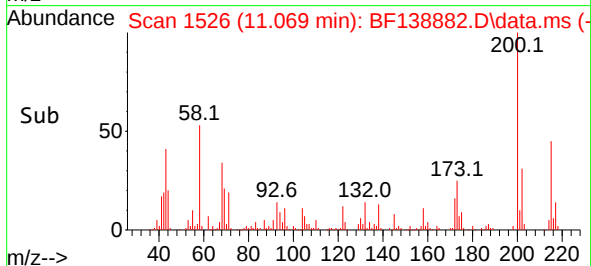
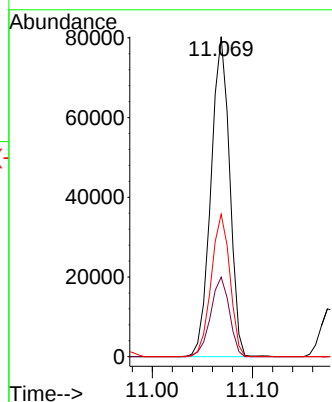
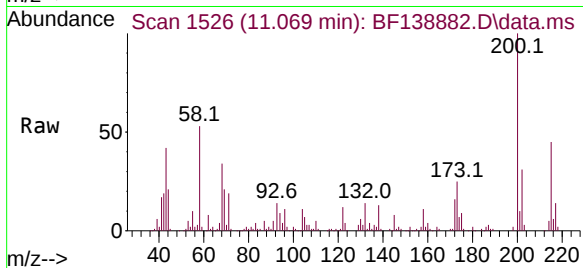
Tgt Ion:200 Resp: 104104
Ion Ratio Lower Upper
200 100
173 24.8 6.0 46.0
215 44.5 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#70

Pentachlorophenol

Concen: 78.546 ng

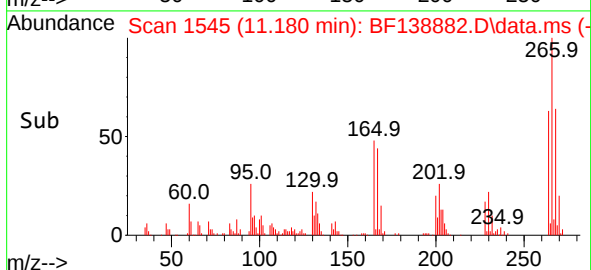
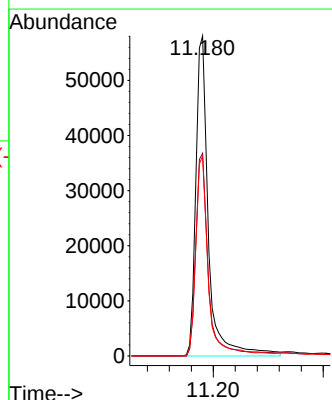
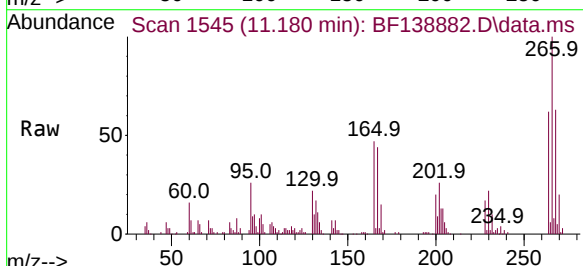
RT: 11.180 min Scan# 1545

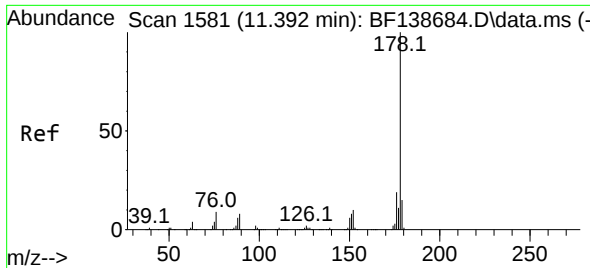
Delta R.T. 0.005 min

Lab File: BF138882.D

Acq: 09 Aug 2024 11:21

Tgt Ion:266 Resp: 92700
Ion Ratio Lower Upper
266 100
268 63.4 49.2 73.8
264 62.5 49.8 74.6





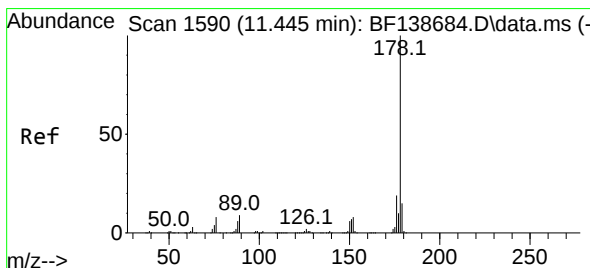
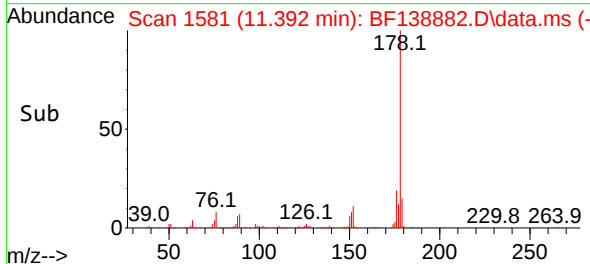
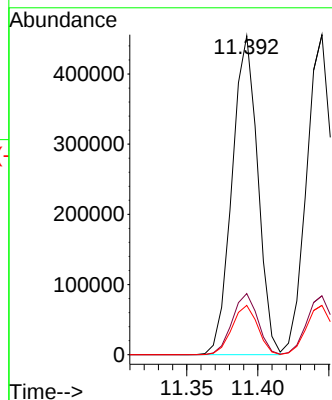
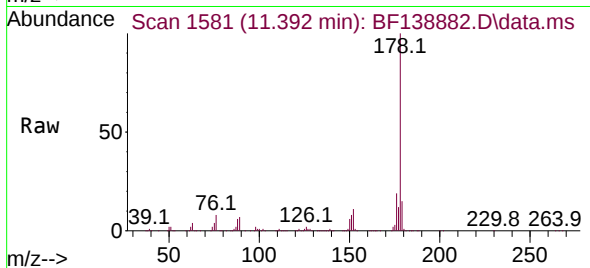
#71
Phenanthrene
Concen: 47.395 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB162358BS

Tgt Ion:178 Resp: 571610
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.2

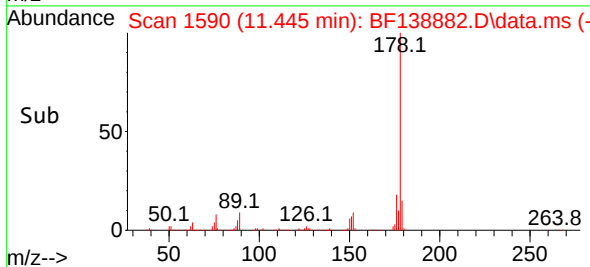
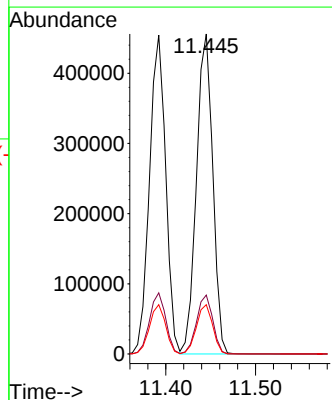
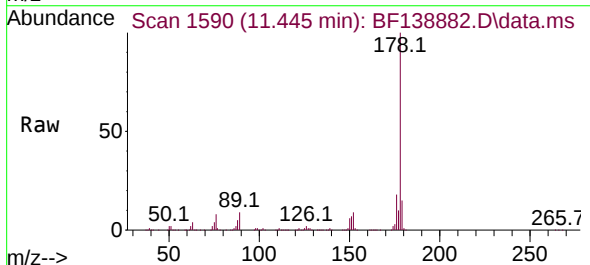
Manual Integrations
APPROVED

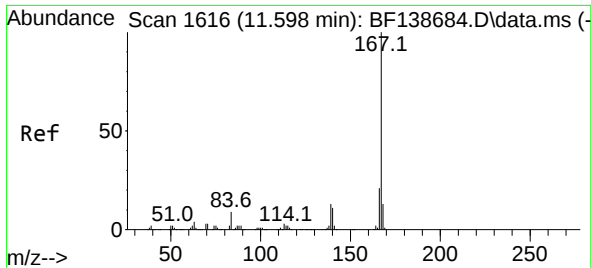
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#72
Anthracene
Concen: 48.424 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:178 Resp: 575344
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.4 12.4 18.6





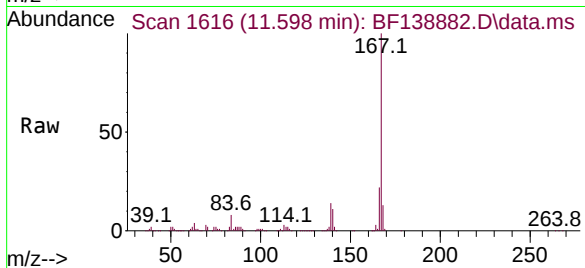
#73
 Carbazole
 Concen: 46.982 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138882.D
 Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

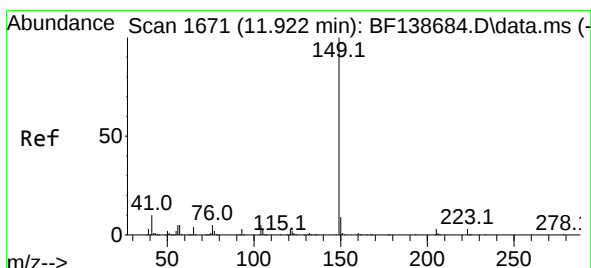
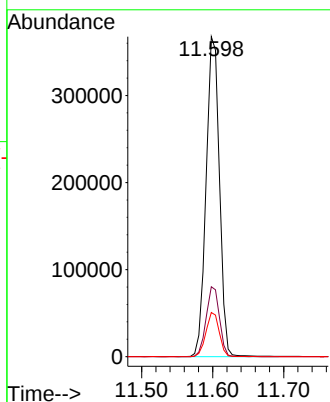
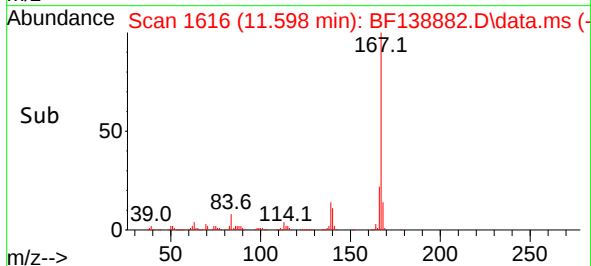


Tgt Ion:167 Resp: 481592
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.8 10.6 16.0

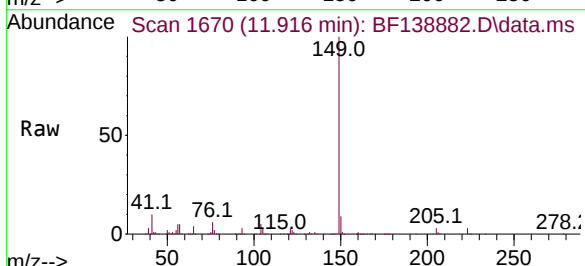
Manual Integrations

APPROVED

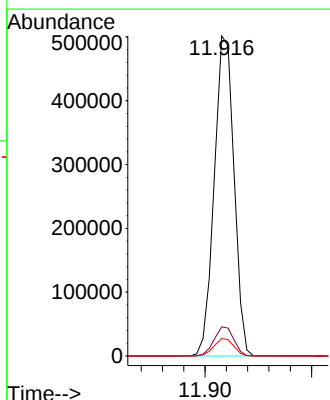
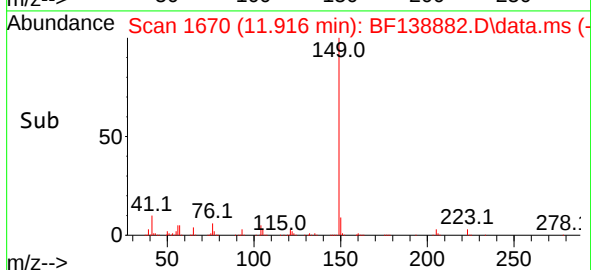
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

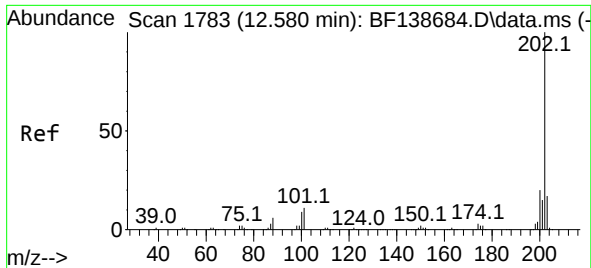


#74
 Di-n-butylphthalate
 Concen: 55.973 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138882.D
 Acq: 09 Aug 2024 11:21



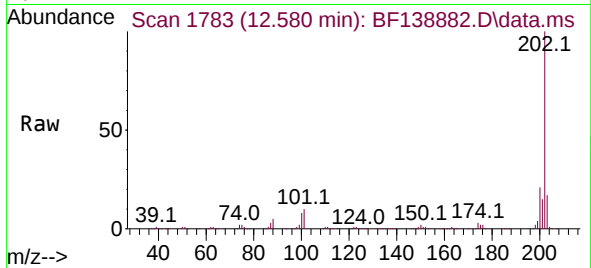
Tgt Ion:149 Resp: 645003
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 48.820 ng
RT: 12.580 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

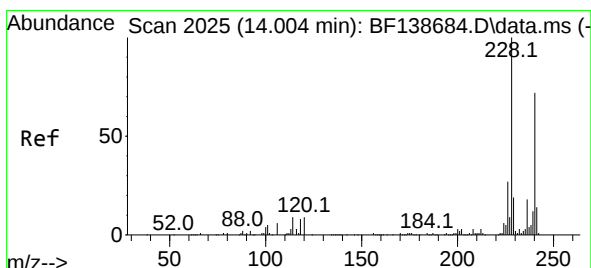
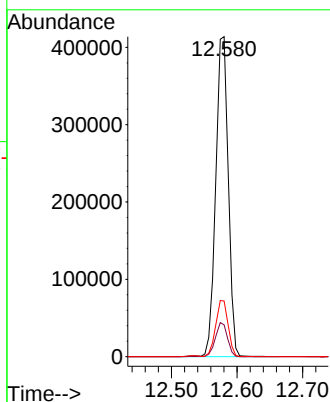
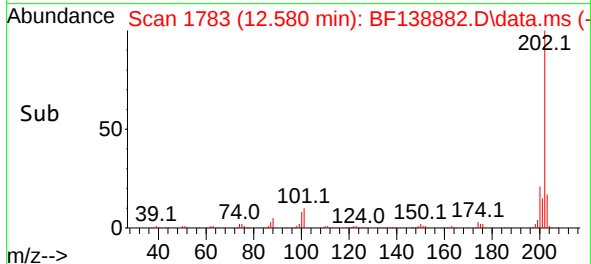
Instrument :
BNA_F
ClientSampleId :
PB162358BS



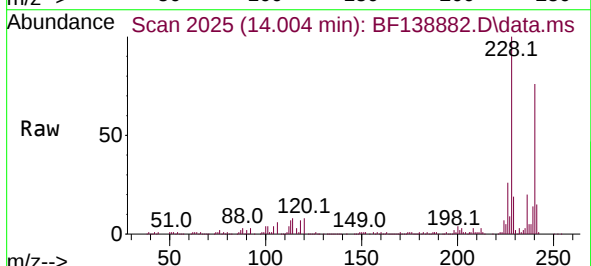
Tgt Ion:202 Resp: 549678
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.2
203 17.4 0.0 37.3

Manual Integrations
APPROVED

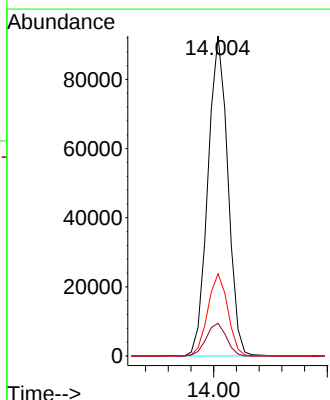
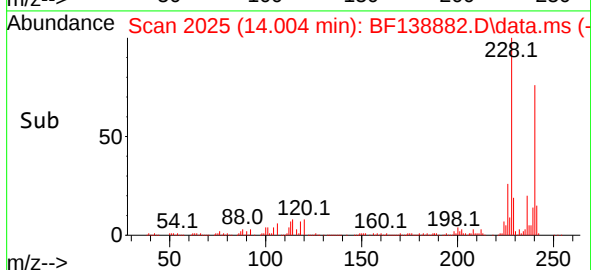
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

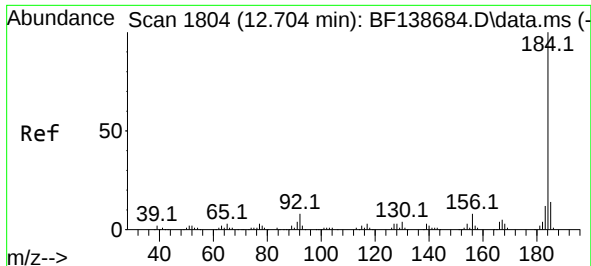


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:240 Resp: 112592
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 25.6 19.8 29.8





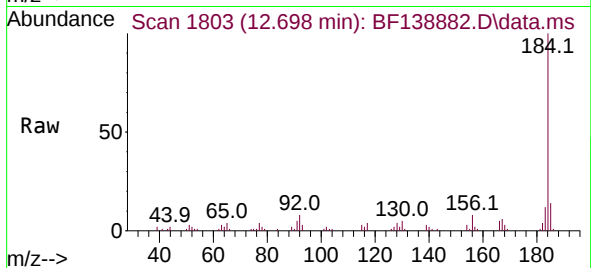
#77
Benzidine
Concen: 12.943 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS



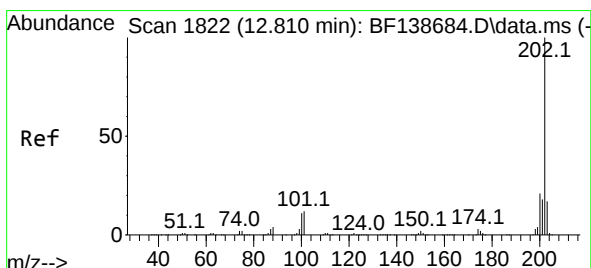
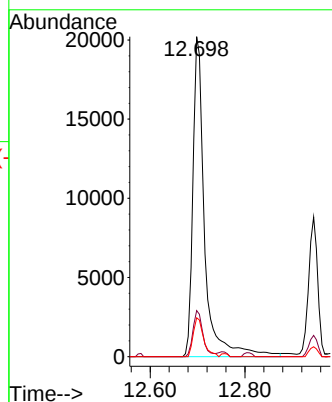
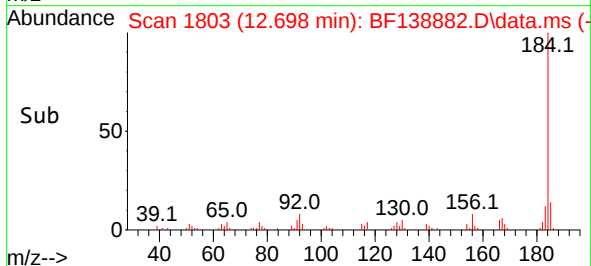
Tgt Ion:184 Resp: 3485
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.1 9.6 14.4

Manual Integrations

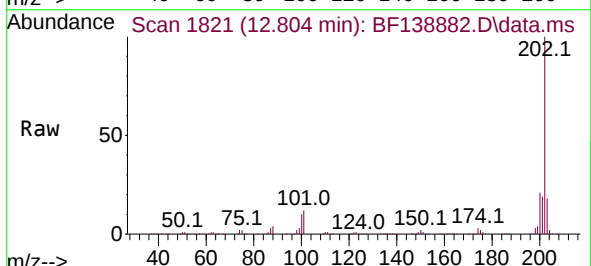
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

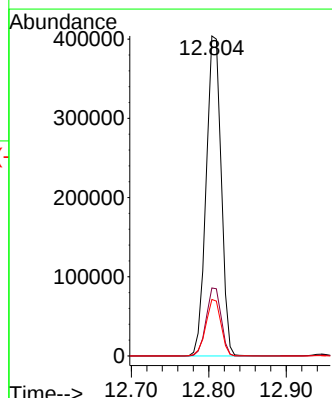
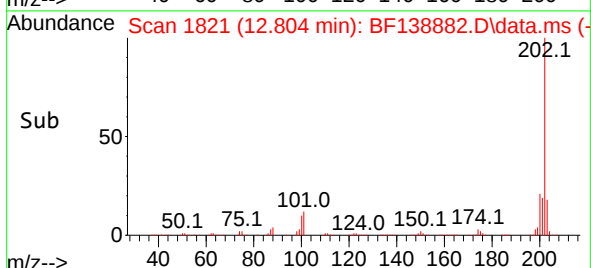
Supervised By :mohammad ahmed 08/12/2024

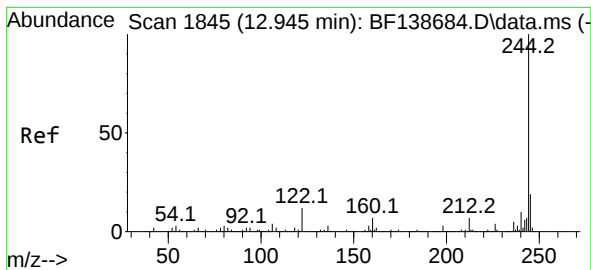


#78
Pyrene
Concen: 51.259 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:202 Resp: 543390
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.6 13.8 20.6





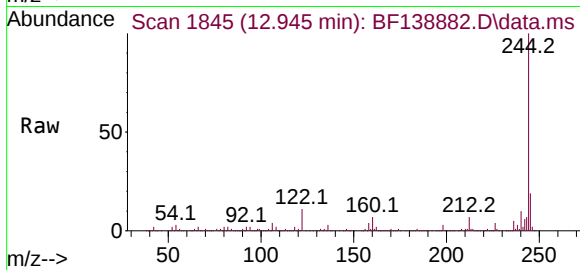
#79
 Terphenyl-d14
 Concen: 118.682 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138882.D
 Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

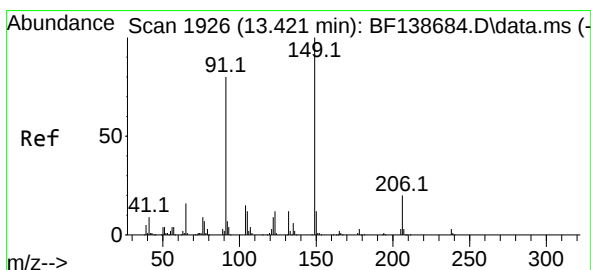
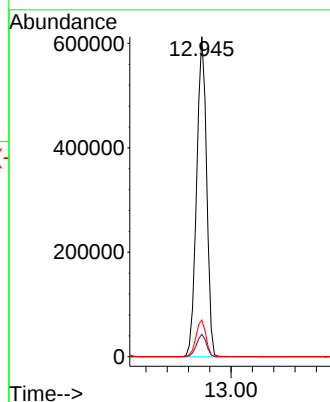
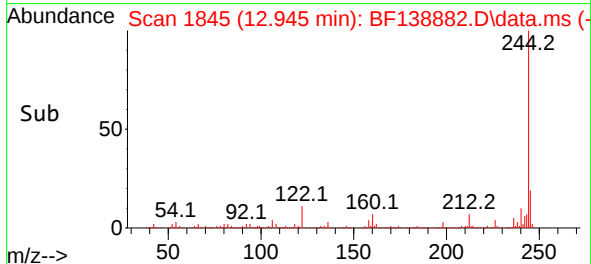


Tgt Ion:244 Resp: 79811
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.5 9.6 14.4

Manual Integrations

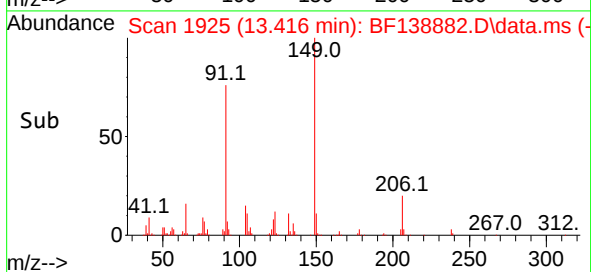
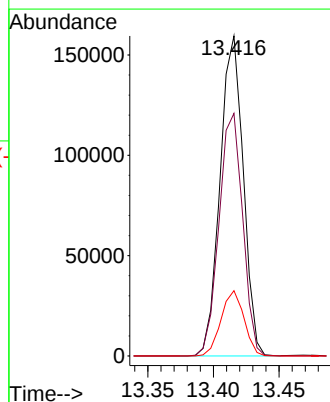
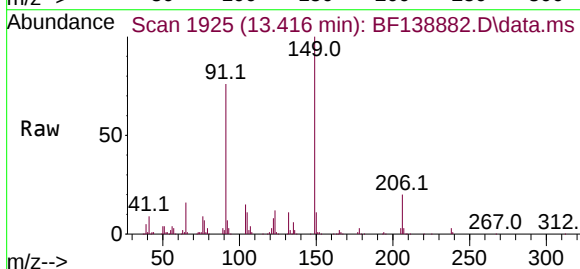
APPROVED

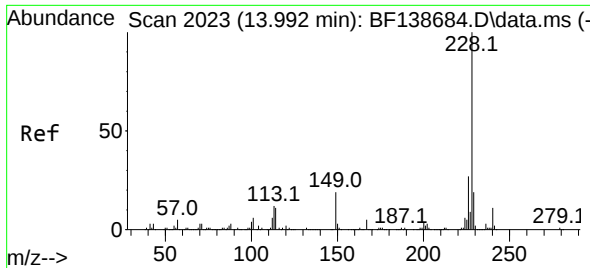
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024



#80
 Butylbenzylphthalate
 Concen: 57.808 ng
 RT: 13.416 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138882.D
 Acq: 09 Aug 2024 11:21

Tgt Ion:149 Resp: 196241
 Ion Ratio Lower Upper
 149 100
 91 75.8 63.7 95.5
 206 20.4 16.2 24.2





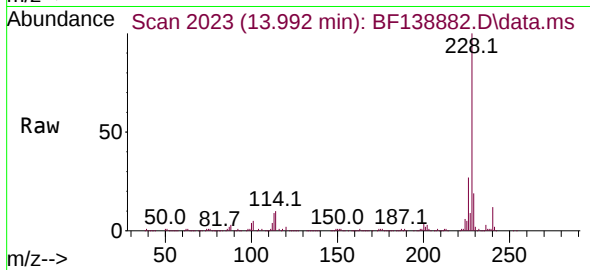
#81
Benzo(a)anthracene
Concen: 47.755 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS



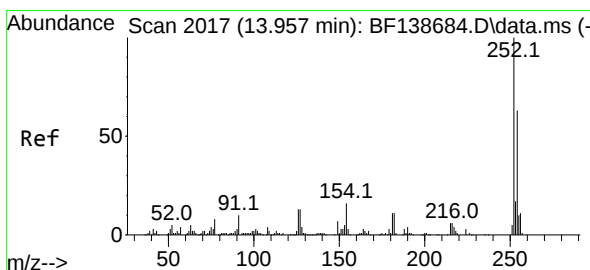
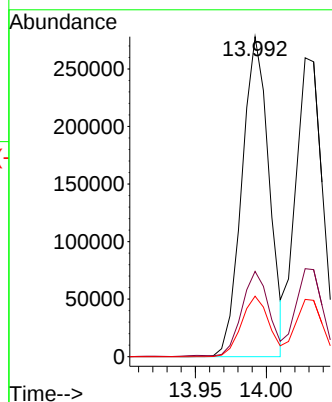
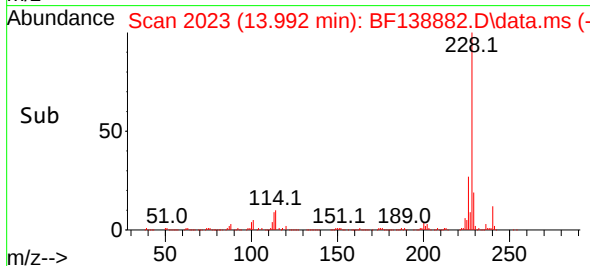
Tgt Ion:228 Resp: 370259
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 18.9 15.4 23.0

Manual Integrations

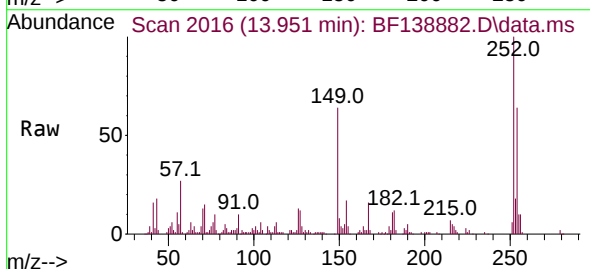
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

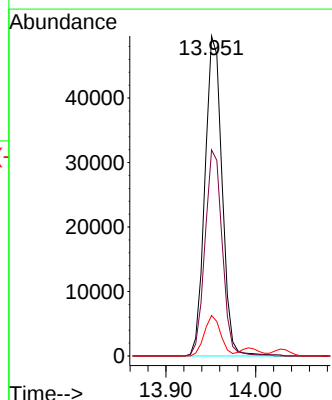
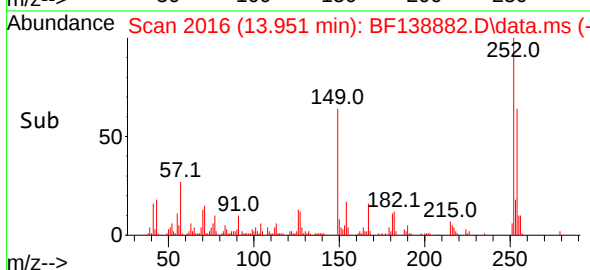
Supervised By :mohammad ahmed 08/12/2024

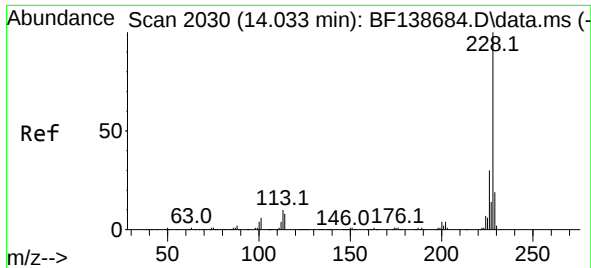


#82
3,3'-Dichlorobenzidine
Concen: 33.076 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:252 Resp: 65626
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 12.7 10.2 15.2





#83
Chrysene
Concen: 48.387 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

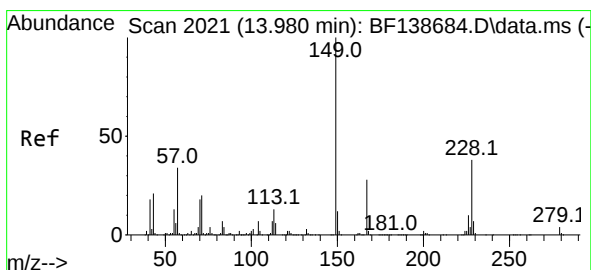
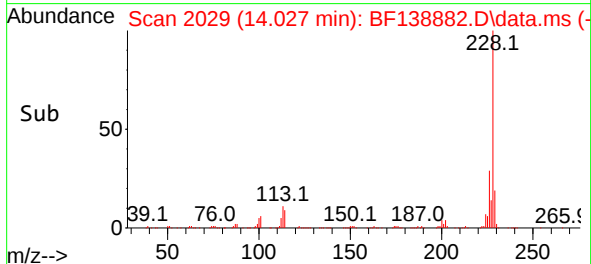
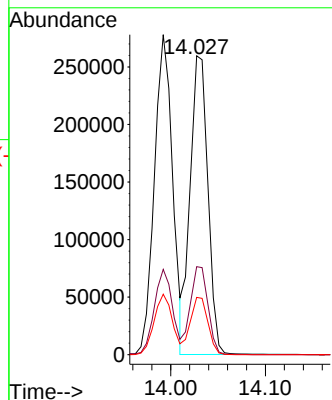
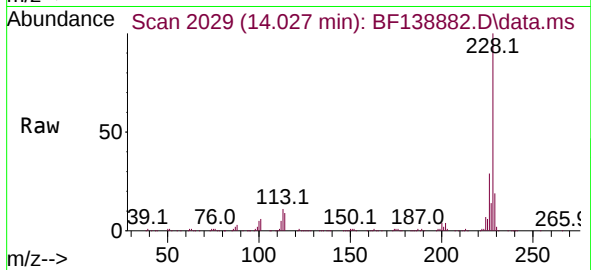
PB162358BS

Tgt Ion:228 Resp: 338468
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 19.1 15.0 22.6

Manual Integrations

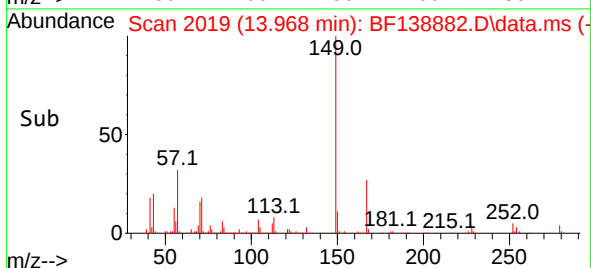
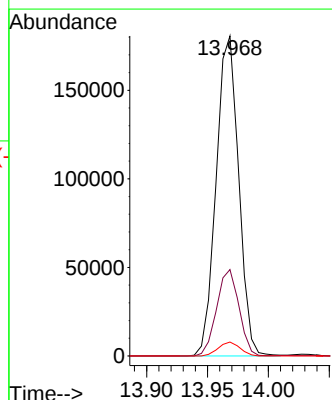
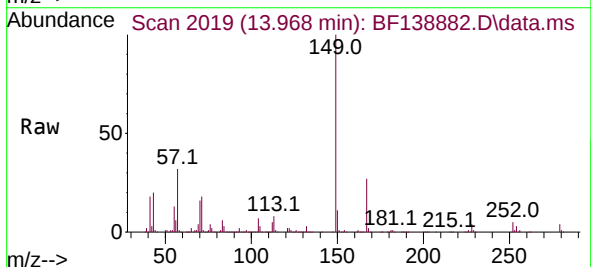
APPROVED

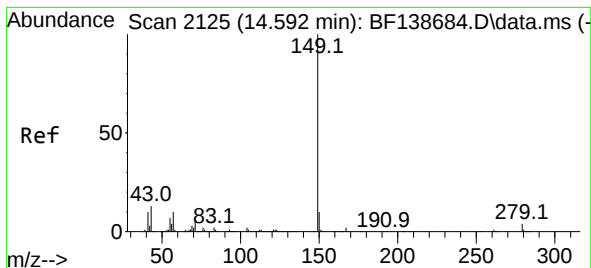
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.785 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Tgt Ion:149 Resp: 232568
Ion Ratio Lower Upper
149 100
167 27.0 22.2 33.4
279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 39.316 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138882.D

Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

Tgt Ion:149 Resp: 36159

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

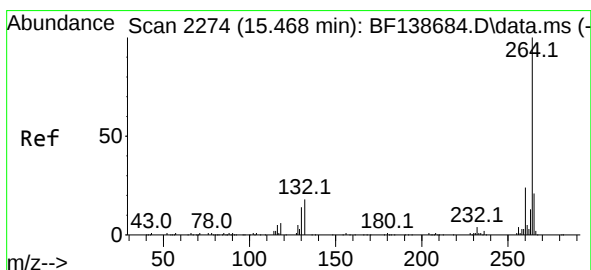
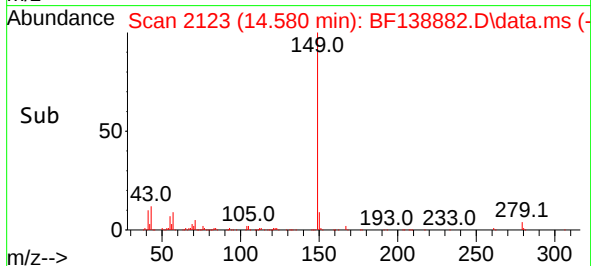
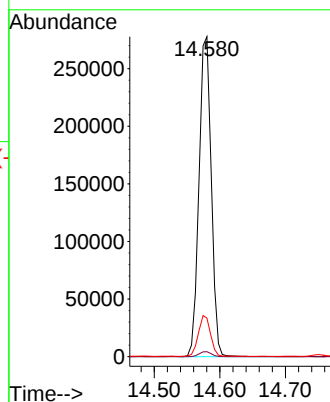
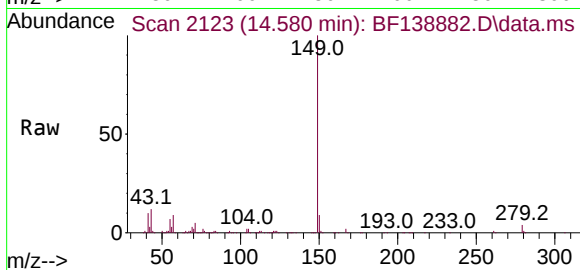
43 12.6 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138882.D

Acq: 09 Aug 2024 11:21

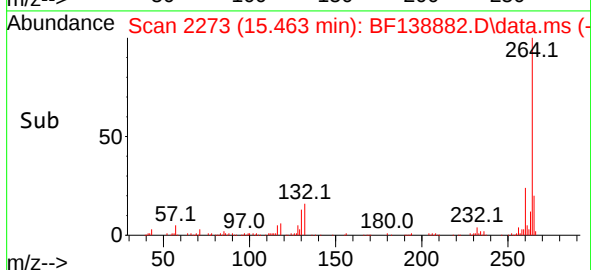
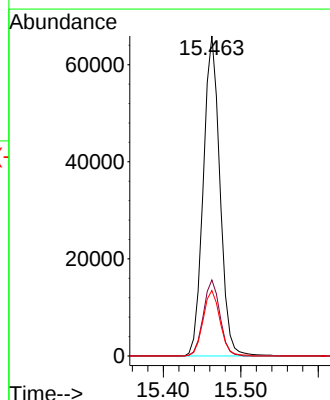
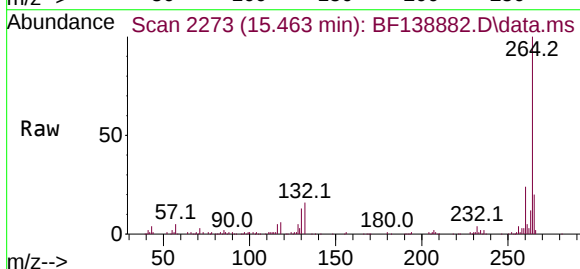
Tgt Ion:264 Resp: 98223

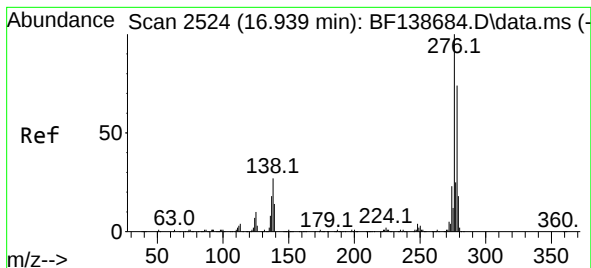
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 20.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.509 ng

RT: 16.945 min Scan# 2525

Delta R.T. 0.006 min

Lab File: BF138882.D

Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

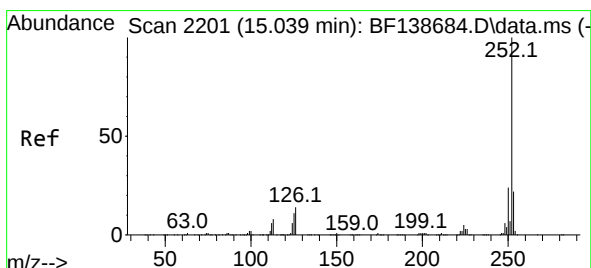
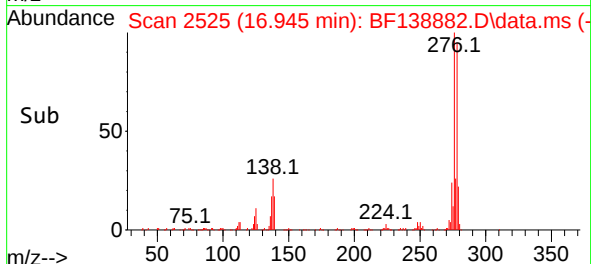
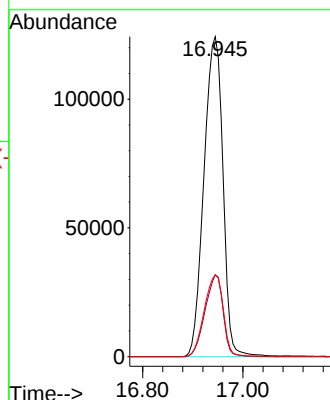
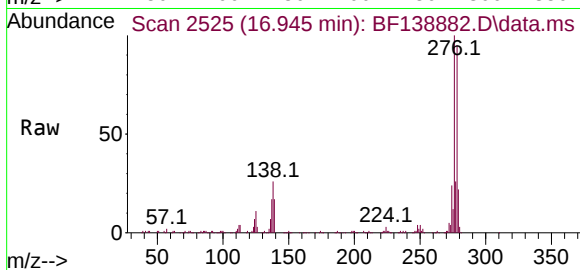
Tgt Ion:	276	Resp:	32737
Ion Ratio	Lower	Upper	
276	100		
138	24.2	21.8	32.8
277	25.5	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#88

Benzo(b)fluoranthene

Concen: 48.180 ng

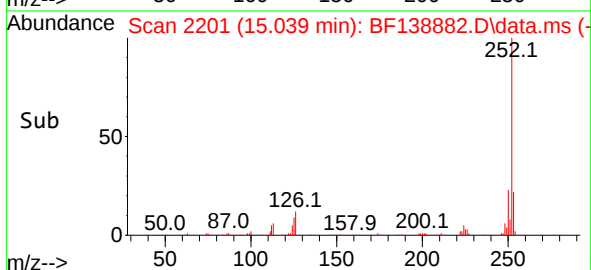
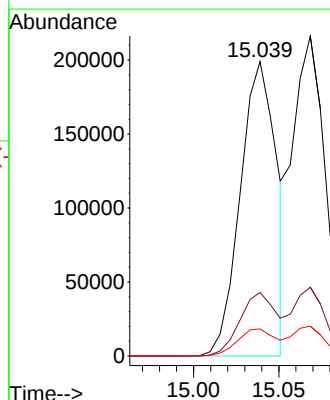
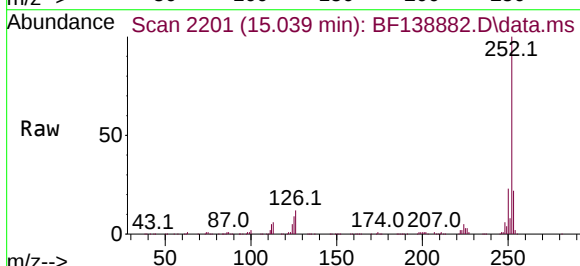
RT: 15.039 min Scan# 2201

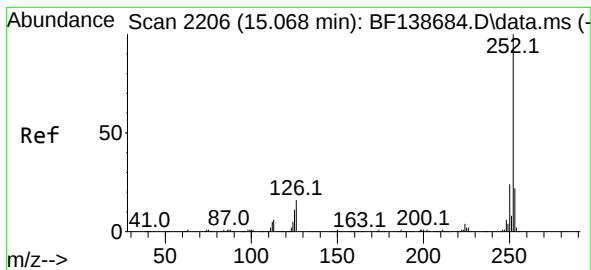
Delta R.T. 0.000 min

Lab File: BF138882.D

Acq: 09 Aug 2024 11:21

Tgt Ion:	252	Resp:	293360
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	9.2	8.9	13.3





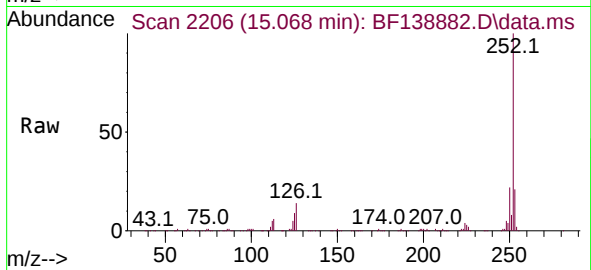
#89
Benzo(k)fluoranthene
Concen: 54.811 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB162358BS

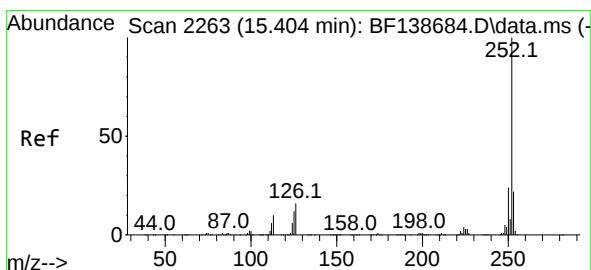
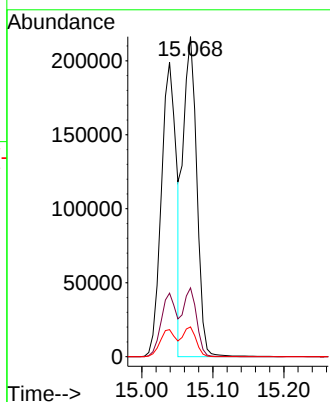
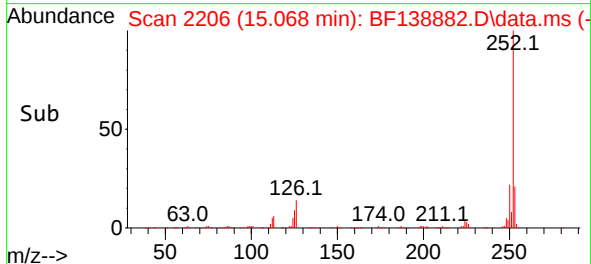


Tgt Ion:252 Resp: 28895
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.3 8.6 13.0

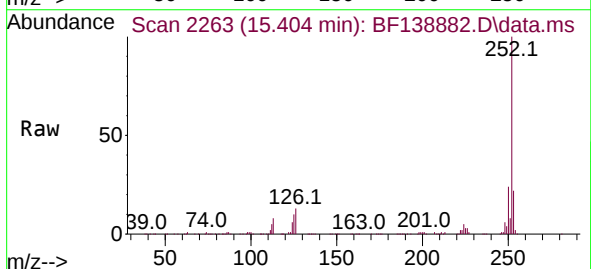
Manual Integrations

APPROVED

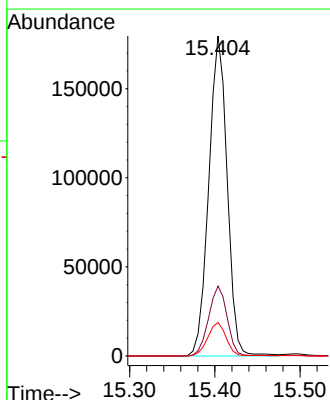
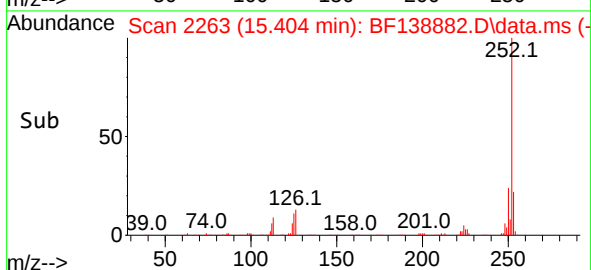
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

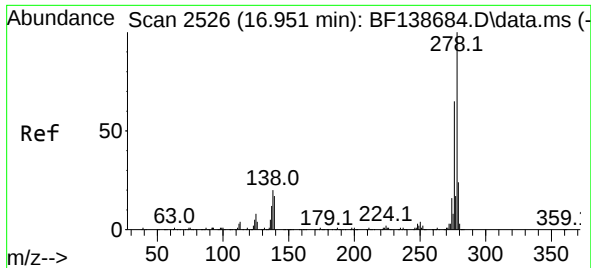


#90
Benzo(a)pyrene
Concen: 52.516 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



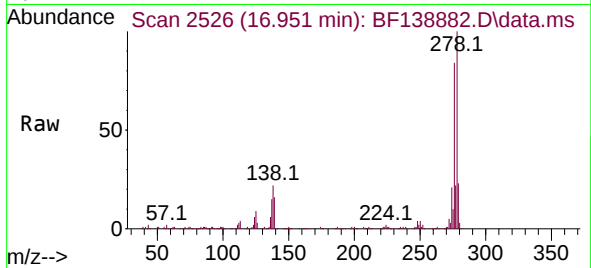
Tgt Ion:252 Resp: 268969
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.4 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.237 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21

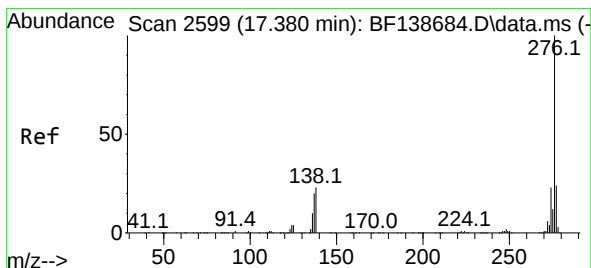
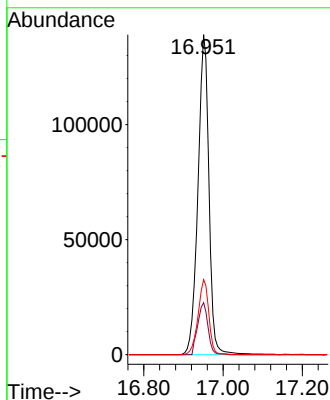
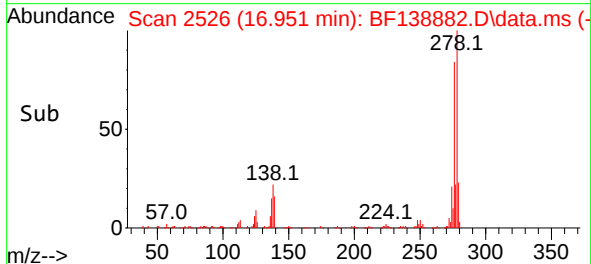
Instrument :
BNA_F
ClientSampleId :
PB162358BS



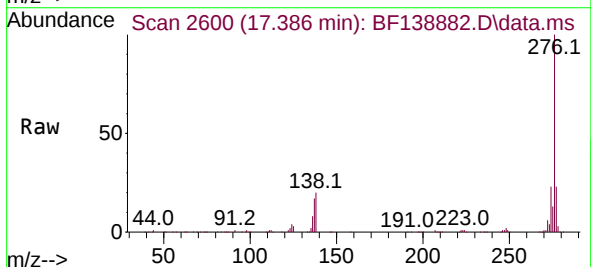
Tgt Ion:278 Resp: 267160
Ion Ratio Lower Upper
278 100
139 16.2 14.0 21.0
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#92
Benzo(g,h,i)perylene
Concen: 41.917 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138882.D
Acq: 09 Aug 2024 11:21



Tgt Ion:276 Resp: 251336
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 19.9 18.5 27.7

