

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138866.D
 Acq On : 08 Aug 2024 15:22
 Operator : RC/JU
 Sample : PB162463BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162463BS

Quant Time: Aug 08 15:52:52 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	48969	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	204092	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	110072	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	189484	20.000	ng	0.00
76) Chrysene-d12	14.004	240	93153	20.000	ng	0.00
86) Perylene-d12	15.462	264	86793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	422478	133.178	ng	0.02
7) Phenol-d6	6.492	99	552340	129.684	ng	0.00
23) Nitrobenzene-d5	7.410	82	356687	85.446	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	125994	139.739	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	656413	89.601	ng	0.00
79) Terphenyl-d14	12.945	244	614252	110.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	44521	32.056	ng	98
3) Pyridine	3.469	79	116304	34.569	ng	96
4) n-Nitrosodimethylamine	3.434	42	104370	52.087	ng	83
6) Aniline	6.510	93	130121	34.257	ng	# 28
8) 2-Chlorophenol	6.634	128	165496	49.585	ng	97
9) Benzaldehyde	6.398	77	105248	41.223	ng	99
10) Phenol	6.504	94	211545	47.174	ng	81
11) bis(2-Chloroethyl)ether	6.581	93	151657	43.948	ng	99
12) 1,3-Dichlorobenzene	6.781	146	169683	45.418	ng	98
13) 1,4-Dichlorobenzene	6.857	146	174184	46.198	ng	100
14) 1,2-Dichlorobenzene	7.010	146	162513	46.121	ng	100
15) Benzyl Alcohol	6.992	79	154508	50.333	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	249795	42.062	ng	# 46
17) 2-Methylphenol	7.110	107	131491	47.711	ng	# 86
18) Hexachloroethane	7.351	117	63644	44.844	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	124596	48.435	ng	99
20) 3+4-Methylphenols	7.263	107	171985	48.637	ng	# 80
22) Acetophenone	7.257	105	219521	43.929	ng	97
24) Nitrobenzene	7.433	77	186701	43.953	ng	99
25) Isophorone	7.669	82	320318	44.938	ng	98
26) 2-Nitrophenol	7.745	139	85527	46.800	ng	94
27) 2,4-Dimethylphenol	7.786	122	110235	50.415	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	188208	43.359	ng	99
29) 2,4-Dichlorophenol	7.992	162	133171	47.397	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	144942	44.701	ng	99
31) Naphthalene	8.145	128	482471	44.911	ng	99
32) Benzoic acid	7.945	122	62871	36.578	ng	96
33) 4-Chloroaniline	8.198	127	67303	18.664	ng	98
34) Hexachlorobutadiene	8.257	225	88404	45.013	ng	99
35) Caprolactam	8.586	113	34827m	41.541	ng	
36) 4-Chloro-3-methylphenol	8.692	107	151061	47.044	ng	99
37) 2-Methylnaphthalene	8.833	142	312370	46.041	ng	98
38) 1-Methylnaphthalene	8.933	142	286286	43.061	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	133856	43.777	ng	98
41) Hexachlorocyclopentadiene	8.980	237	88153	106.404	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	84116	45.119	ng	99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M

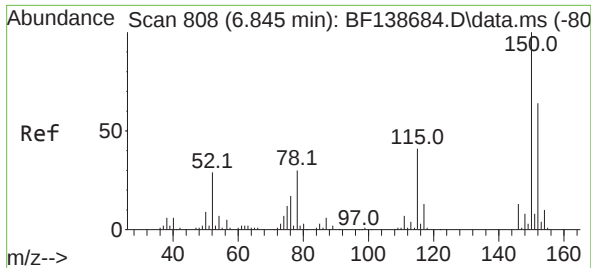
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 30 17:50:01 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	92884	45.575	ng	98
46) 1,1'-Biphenyl	9.298	154	365546	42.403	ng	99
47) 2-Chloronaphthalene	9.327	162	291405	45.451	ng	99
48) 2-Nitroaniline	9.433	65	103203	47.481	ng	99
49) Acenaphthylene	9.739	152	449469	49.428	ng	99
50) Dimethylphthalate	9.604	163	343910	48.864	ng	99
51) 2,6-Dinitrotoluene	9.675	165	73193	46.080	ng	92
52) Acenaphthene	9.910	154	277044	45.323	ng	100
53) 3-Nitroaniline	9.845	138	49628	30.224	ng	98
54) 2,4-Dinitrophenol	9.957	184	64205	87.810	ng	# 81
55) Dibenzofuran	10.086	168	409386	47.444	ng	98
56) 4-Nitrophenol	10.022	139	78038	79.031	ng	87
57) 2,4-Dinitrotoluene	10.080	165	99257	48.979	ng	# 81
58) Fluorene	10.427	166	329475	47.949	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	76093	48.836	ng	96
60) Diethylphthalate	10.304	149	335590	50.288	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	161283	47.724	ng	97
62) 4-Nitroaniline	10.463	138	68902	44.155	ng	88
63) Azobenzene	10.580	77	347164	46.905	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	55191	47.742	ng	98
66) n-Nitrosodiphenylamine	10.539	169	281123	47.464	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	93088	45.375	ng	96
68) Hexachlorobenzene	10.974	284	97611	46.082	ng	98
69) Atrazine	11.069	200	83461	54.617	ng	98
70) Pentachlorophenol	11.174	266	70697	74.046	ng	99
71) Phenanthrene	11.392	178	466676	47.830	ng	100
72) Anthracene	11.445	178	474255	49.340	ng	100
73) Carbazole	11.598	167	387849	46.770	ng	98
74) Di-n-butylphthalate	11.916	149	502716	53.926	ng	99
75) Fluoranthene	12.574	202	431401	47.362	ng	98
77) Benzidine	12.698	184	34528	15.497	ng	98
78) Pyrene	12.804	202	423839	48.325	ng	99
80) Butylbenzylphthalate	13.415	149	145173	51.689	ng	96
81) Benzo(a)anthracene	13.992	228	301253	46.963	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	58759	35.795	ng	99
83) Chrysene	14.027	228	274248	47.388	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	172629	41.974	ng	98
85) Di-n-octyl phthalate	14.580	149	283006	37.193	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	272510	43.813	ng	96
88) Benzo(b)fluoranthene	15.039	252	260514	48.420	ng	98
89) Benzo(k)fluoranthene	15.068	252	248699	53.388	ng	99
90) Benzo(a)pyrene	15.404	252	234700	51.860	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	220388	43.165	ng	98
92) Benzo(g,h,i)perylene	17.374	276	199632	37.679	ng	97

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



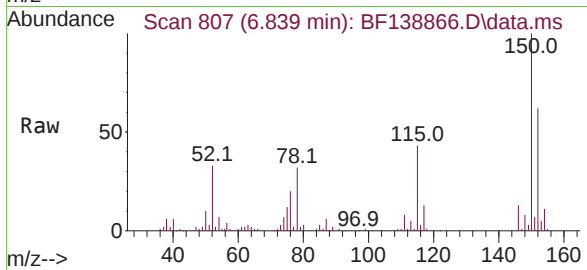
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

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PB162463BS

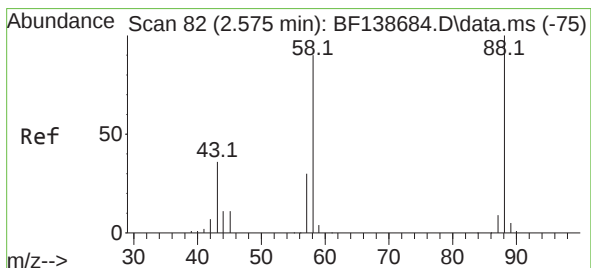
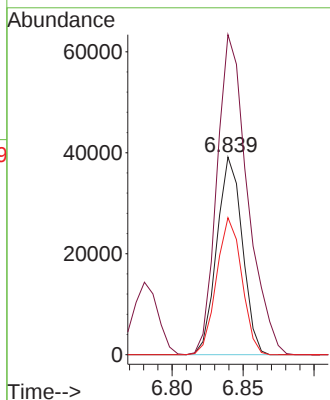
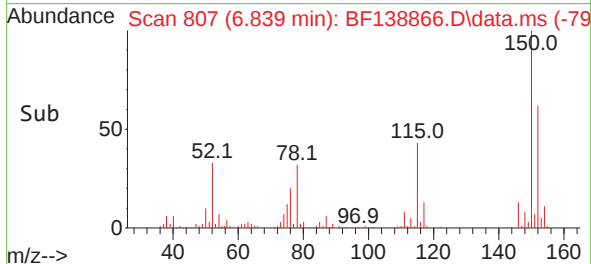


Tgt Ion:152 Resp: 4896
Ion Ratio Lower Upper
152 100
150 161.9 126.0 189.0
115 69.3 51.7 77.5

Manual Integrations

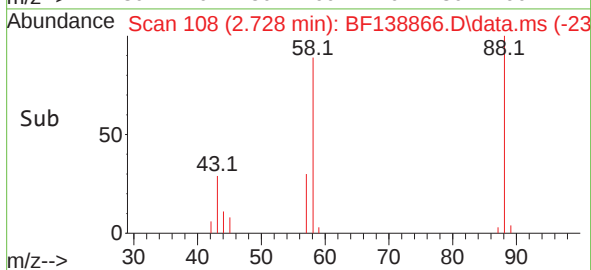
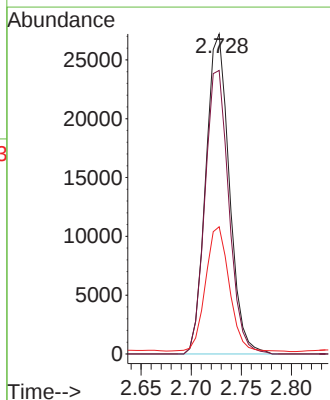
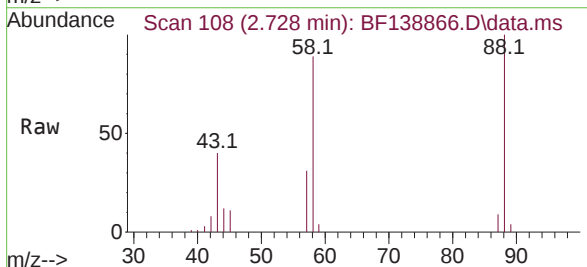
APPROVED

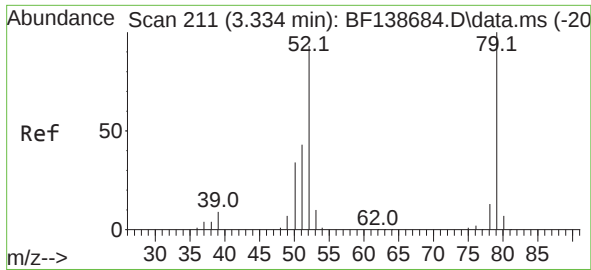
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#2
1,4-Dioxane
Concen: 32.056 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.153 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion: 88 Resp: 44521
Ion Ratio Lower Upper
88 100
58 89.7 71.6 107.4
43 39.4 28.7 43.1





#3

Pyridine

Concen: 34.569 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

Tgt Ion: 79 Resp: 116304

Ion Ratio Lower Upper

79 100

52 91.1 74.7 112.1

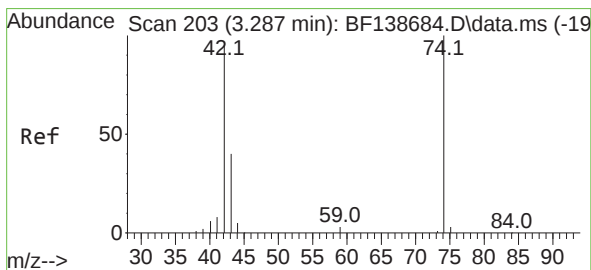
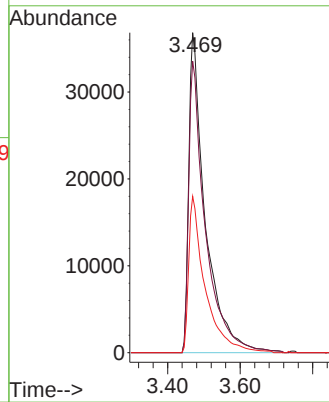
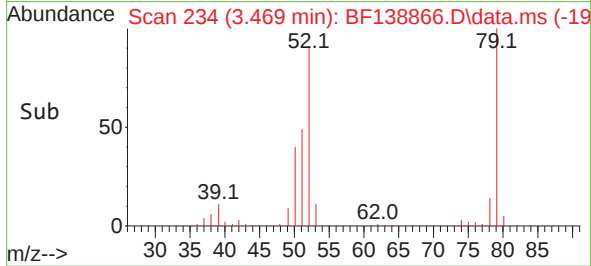
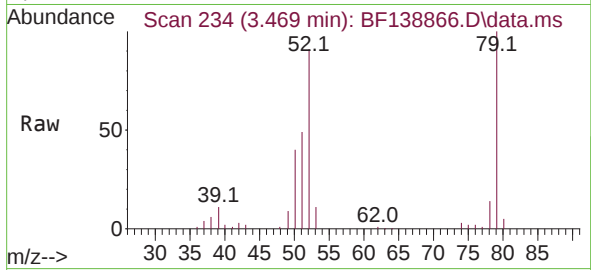
51 48.9 34.6 51.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#4

n-Nitrosodimethylamine

Concen: 52.087 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

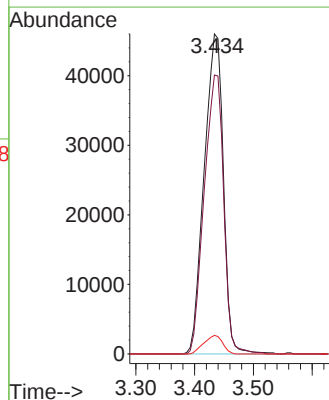
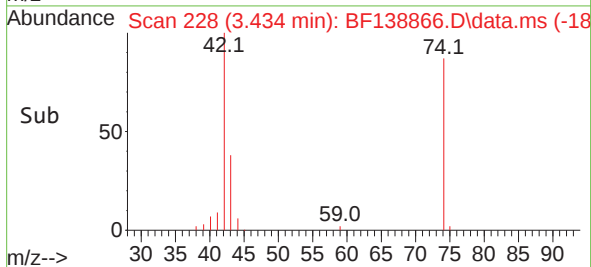
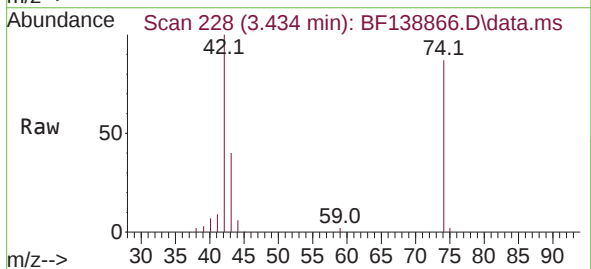
Tgt Ion: 42 Resp: 104370

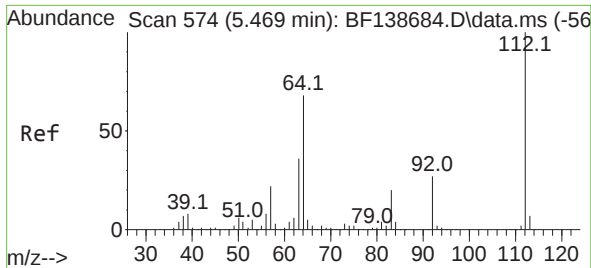
Ion Ratio Lower Upper

42 100

74 87.2 84.2 126.4

44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 133.178 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

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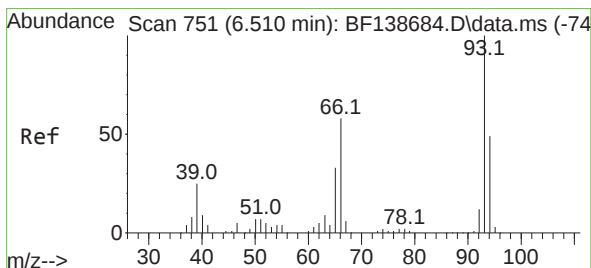
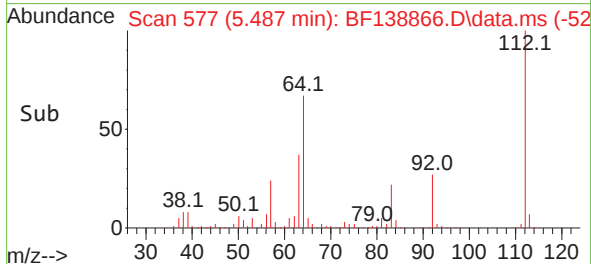
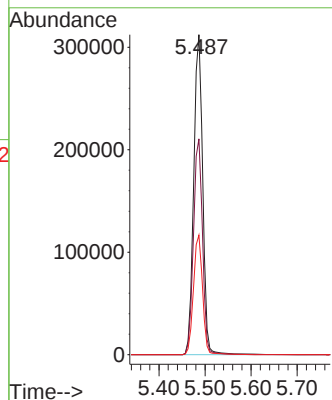
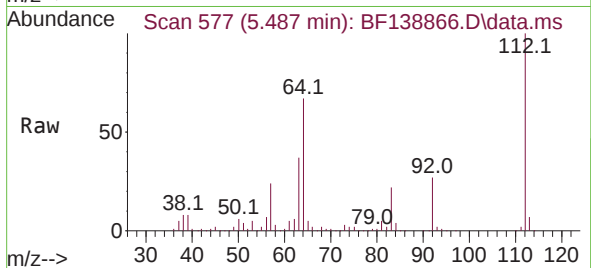
Tgt Ion:112 Resp: 422478
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 37.3 28.7 43.1

Manual Integrations

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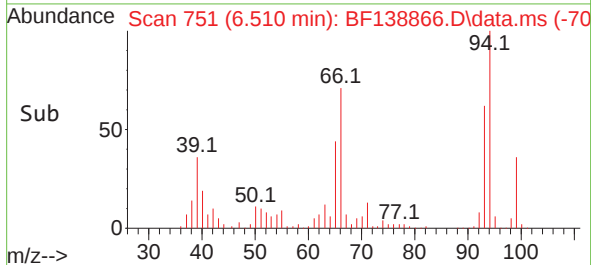
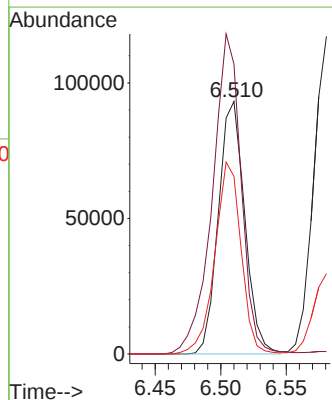
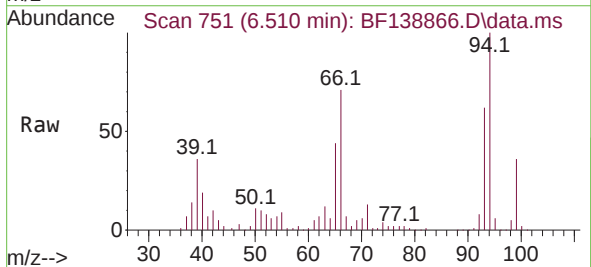
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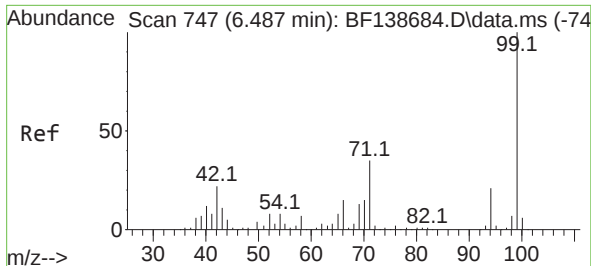
Supervised By :mohammad ahmed 08/09/2024



#6
Aniline
Concen: 34.257 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion: 93 Resp: 130121
Ion Ratio Lower Upper
93 100
66 114.8 46.9 70.3#
65 70.4 26.5 39.7#





#7

Phenol-d6

Concen: 129.684 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138866.D

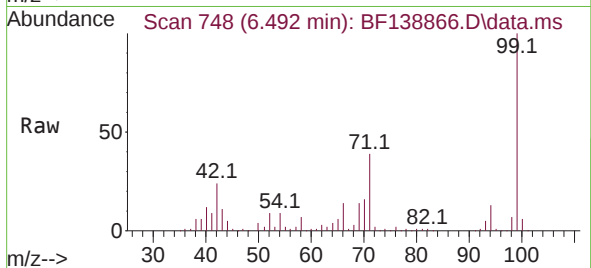
Acq: 08 Aug 2024 15:22

Instrument :

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ClientSampleId :

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Tgt Ion: 99 Resp: 552340

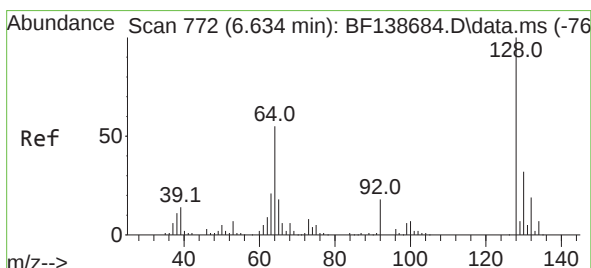
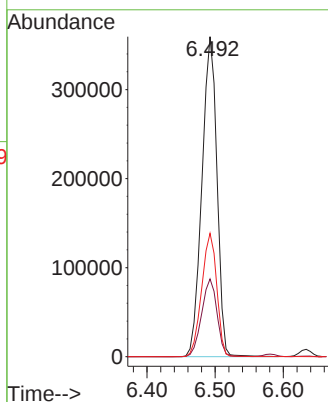
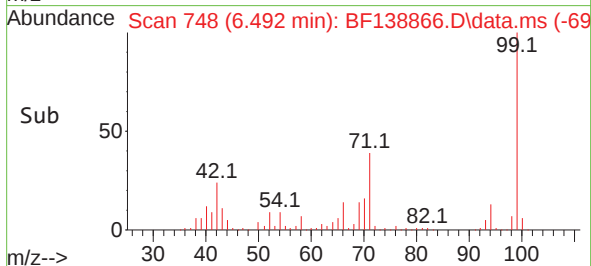
Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.4	26.0
71	38.6	28.1	42.1

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#8

2-Chlorophenol

Concen: 49.585 ng

RT: 6.634 min Scan# 772

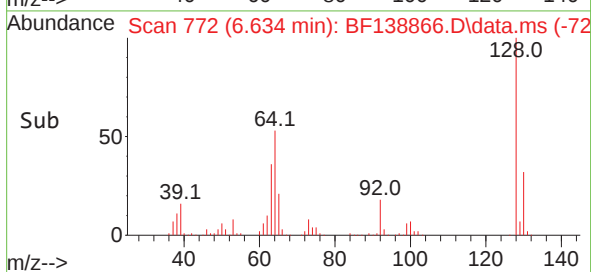
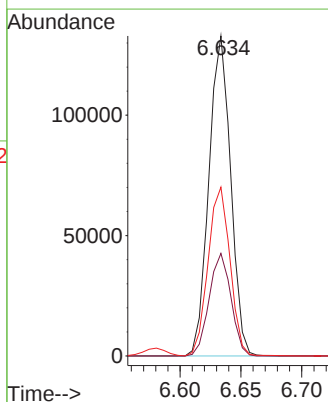
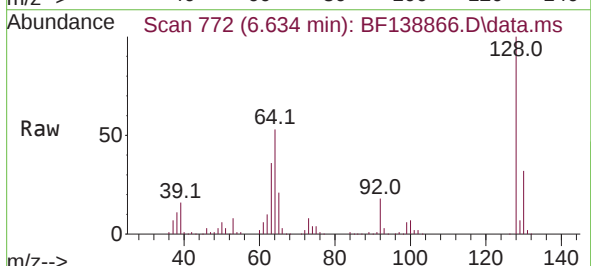
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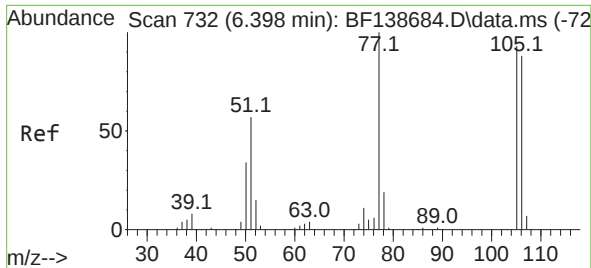
Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Tgt Ion:128 Resp: 165496

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	52.7	36.3	76.3





#9
Benzaldehyde
Concen: 41.223 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

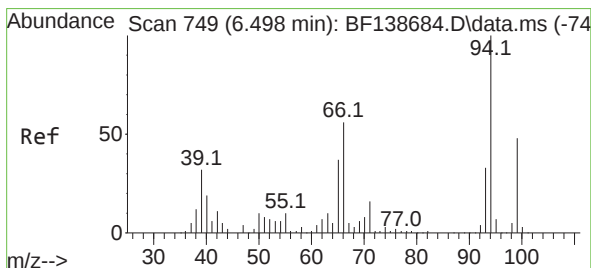
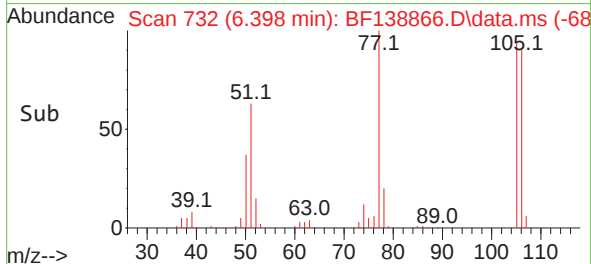
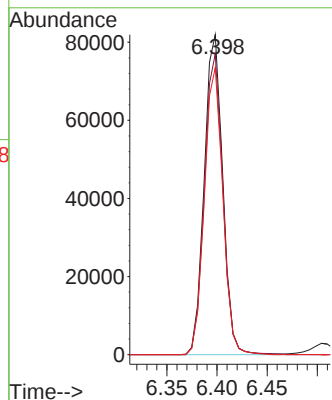
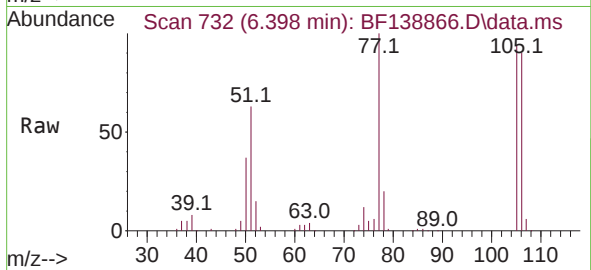
PB162463BS

Tgt Ion: 77 Resp: 10524
Ion Ratio Lower Upper
77 100
105 93.9 72.9 112.9
106 89.7 68.4 108.4

Manual Integrations

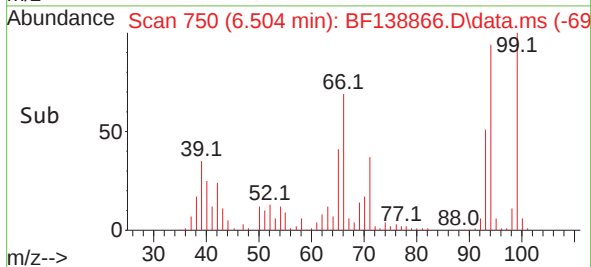
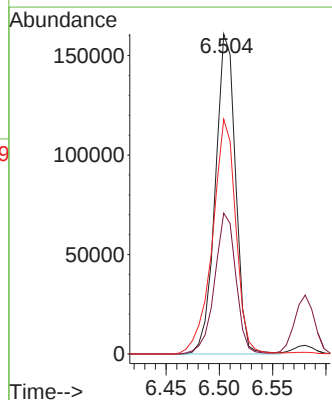
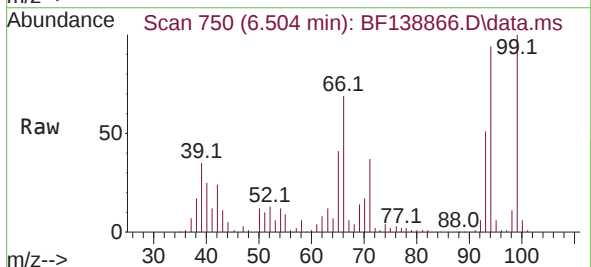
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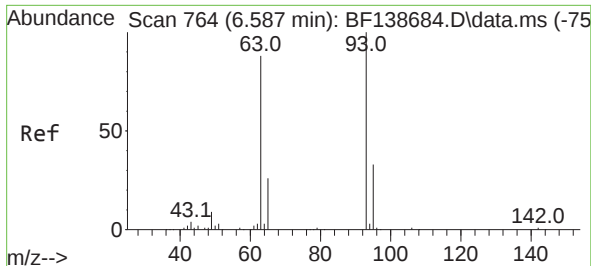
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#10
Phenol
Concen: 47.174 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion: 94 Resp: 211545
Ion Ratio Lower Upper
94 100
65 44.0 16.9 56.9
66 73.4 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 43.948 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

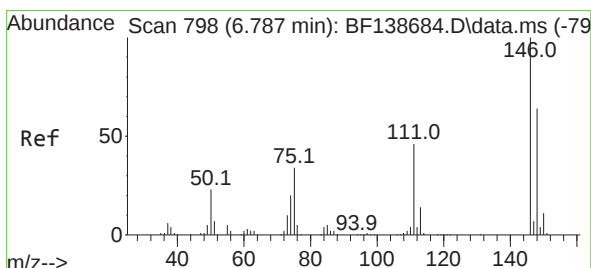
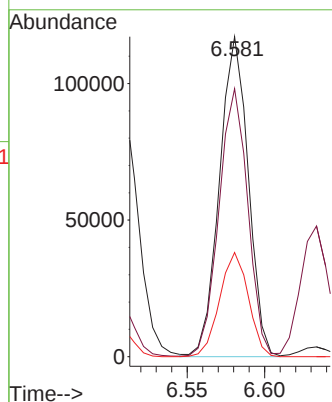
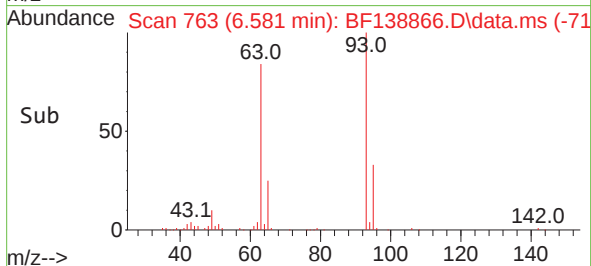
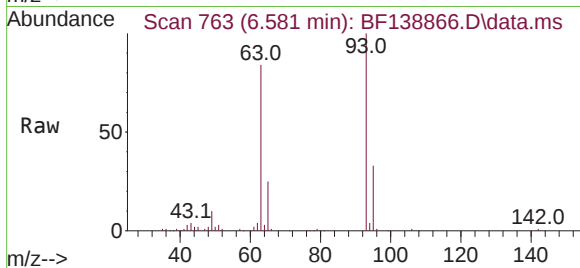
ClientSampleId :

PB162463BS

Tgt Ion: 93 Resp: 15165
Ion Ratio Lower Upper
93 100
63 83.8 65.3 105.3
95 32.6 12.4 52.4

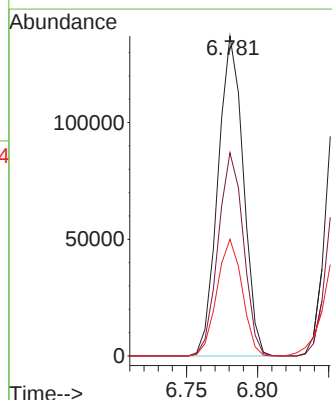
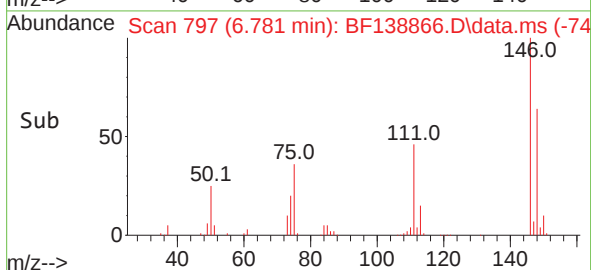
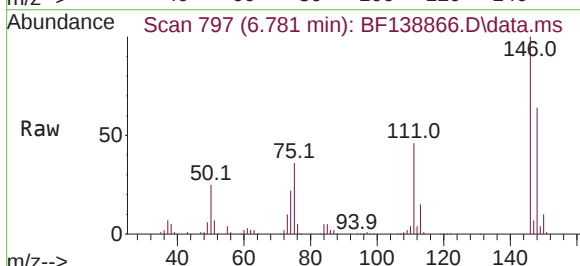
Manual Integrations
APPROVED

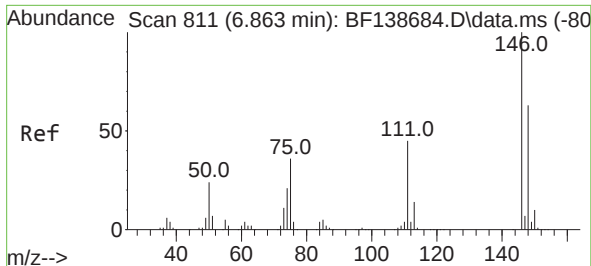
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#12
1,3-Dichlorobenzene
Concen: 45.418 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:146 Resp: 169683
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 36.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.198 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

Tgt Ion:146 Resp: 174184

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

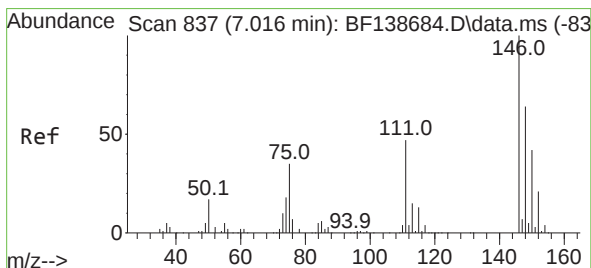
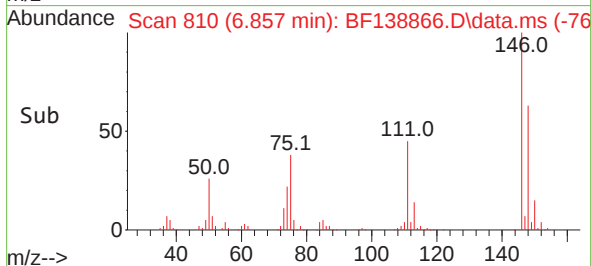
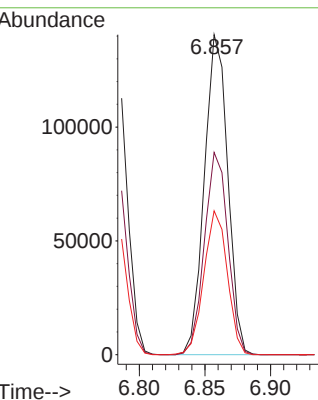
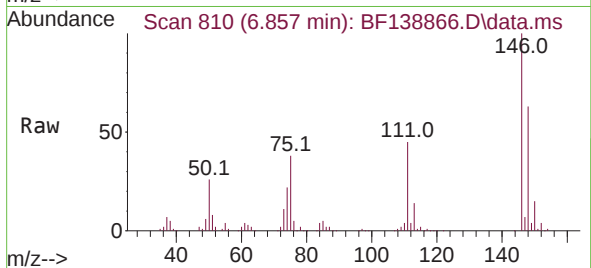
111 45.0 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#14

1,2-Dichlorobenzene

Concen: 46.121 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

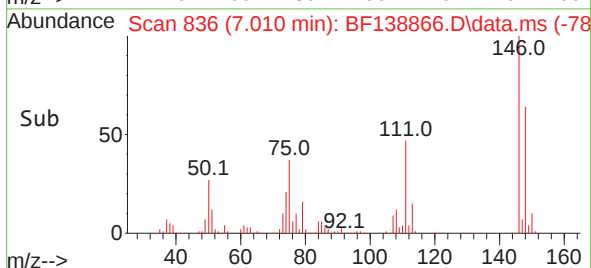
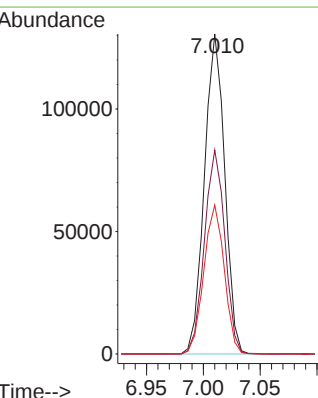
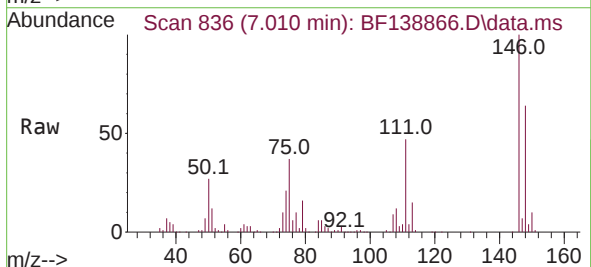
Tgt Ion:146 Resp: 162513

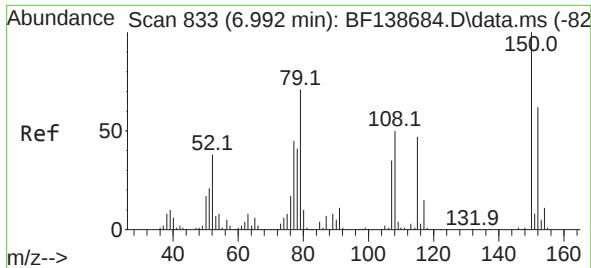
Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 46.5 37.4 56.2





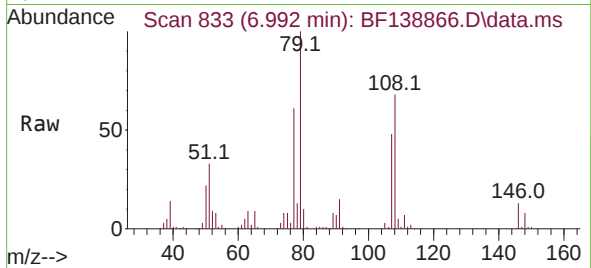
#15
Benzyl Alcohol
Concen: 50.333 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

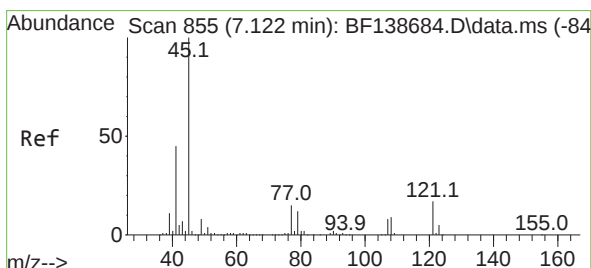
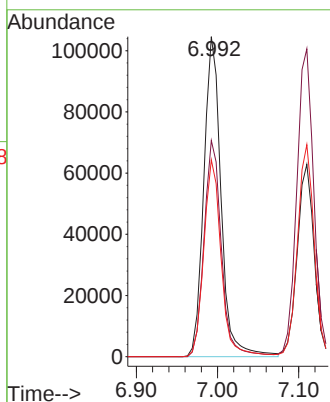
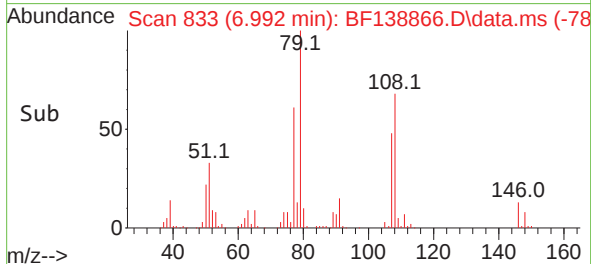
PB162463BS



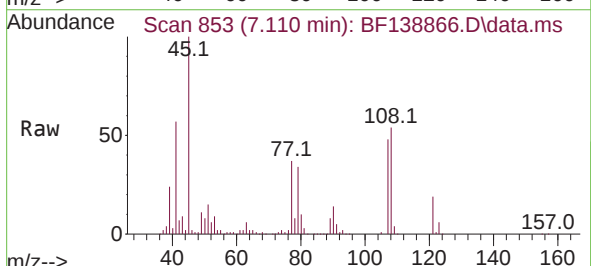
Tgt Ion: 79 Resp: 154508
Ion Ratio Lower Upper
79 100
108 67.5 56.6 85.0
77 61.5 50.3 75.5

Manual Integrations
APPROVED

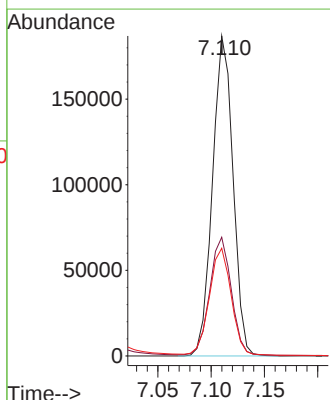
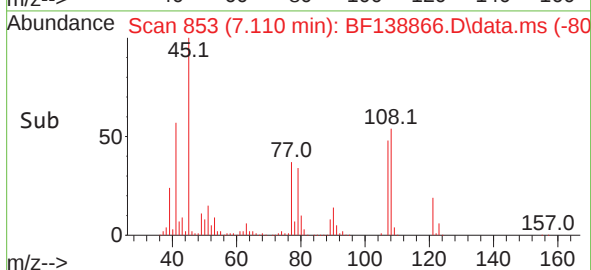
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

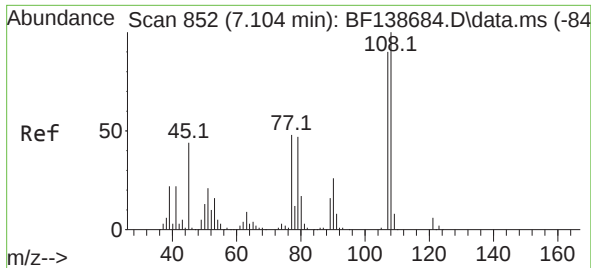


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.062 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion: 45 Resp: 249795
Ion Ratio Lower Upper
45 100
77 37.1 0.0 34.9#
79 33.7 0.0 32.2#





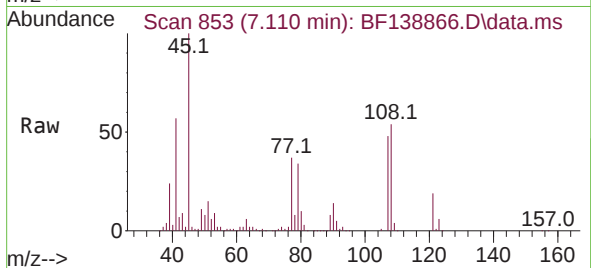
#17
2-Methylphenol
Concen: 47.711 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

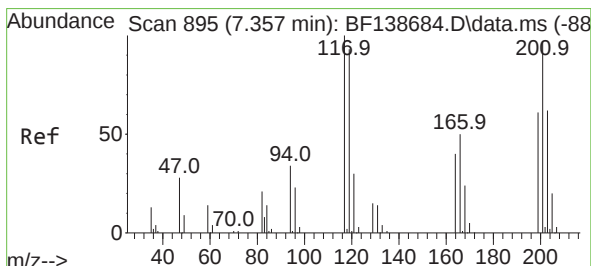
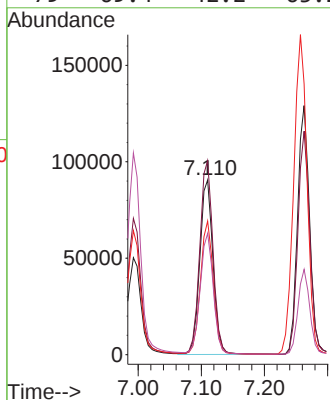
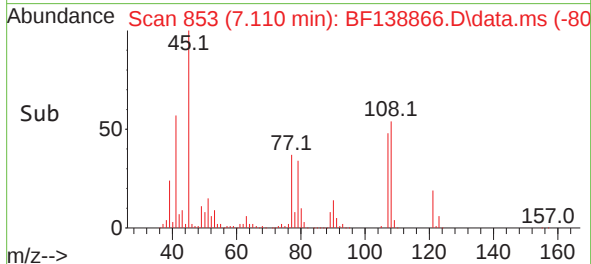


Tgt Ion:107 Resp: 13149
Ion Ratio Lower Upper
107 100
108 111.1 89.2 133.8
77 76.5 43.0 64.4
79 69.4 42.2 63.2

Manual Integrations

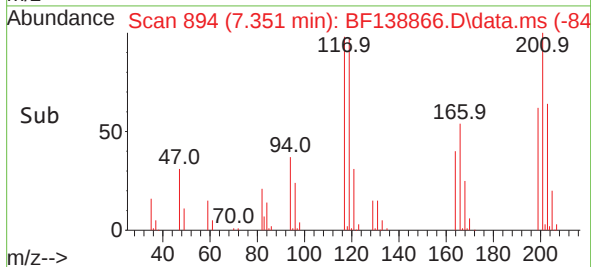
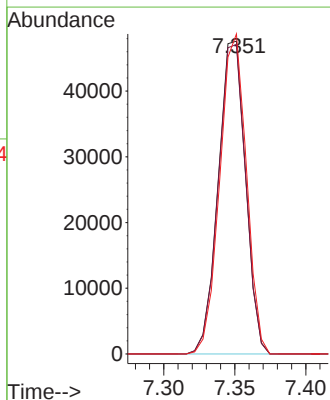
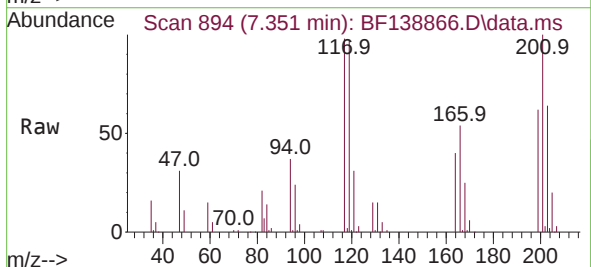
APPROVED

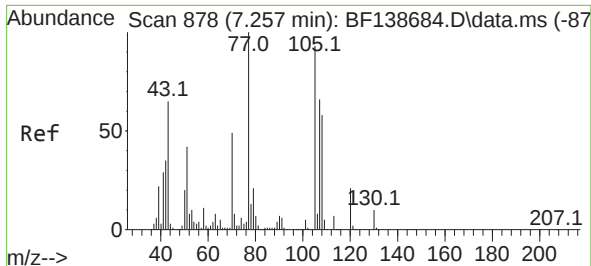
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#18
Hexachloroethane
Concen: 44.844 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:117 Resp: 63644
Ion Ratio Lower Upper
117 100
119 98.9 74.6 111.8
201 102.3 77.2 115.8





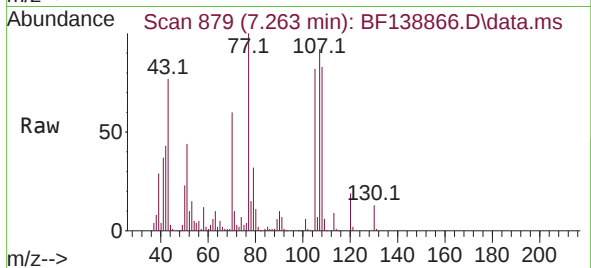
#19
n-Nitroso-di-n-propylamine
Concen: 48.435 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

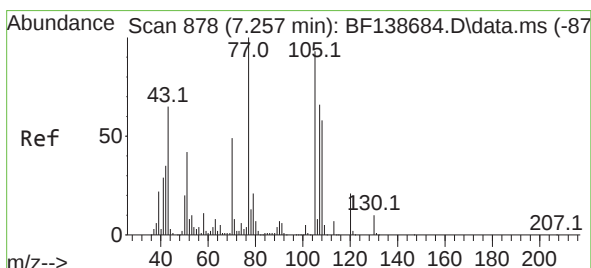
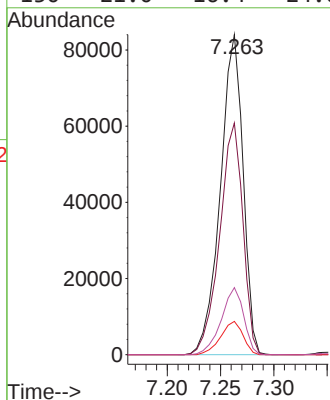
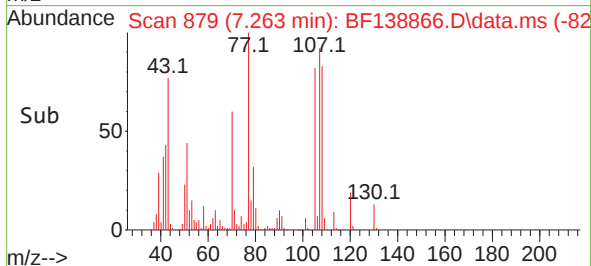


Tgt Ion: 70 Resp: 124590
Ion Ratio Lower Upper
70 100
42 72.4 57.4 86.0
101 10.4 7.5 11.3
130 21.0 16.4 24.6

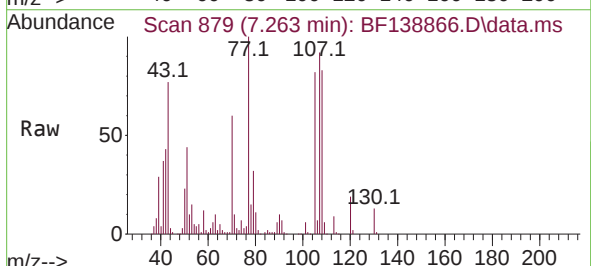
Manual Integrations

APPROVED

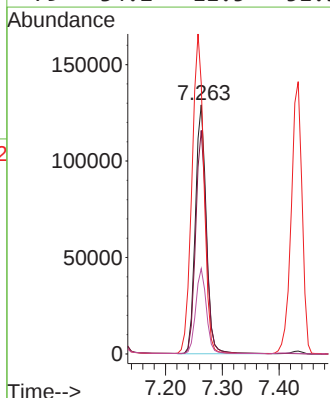
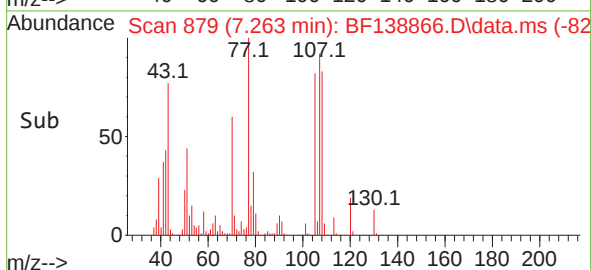
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

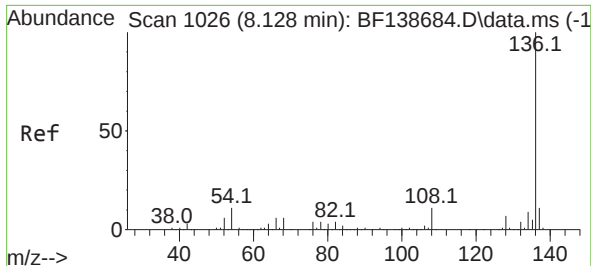


#20
3+4-Methylphenols
Concen: 48.637 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:107 Resp: 171985
Ion Ratio Lower Upper
107 100
108 89.7 68.2 108.2
77 108.6 132.1 172.1#
79 34.2 11.5 51.5





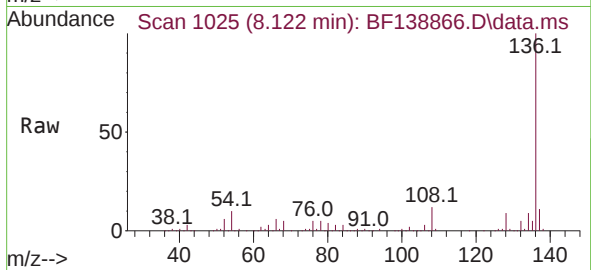
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

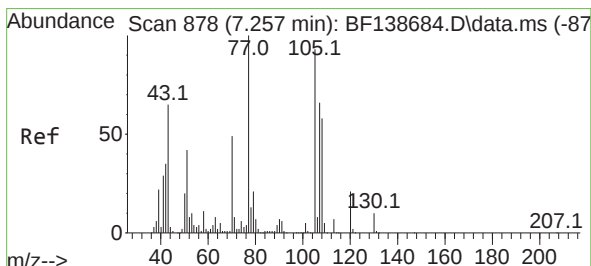
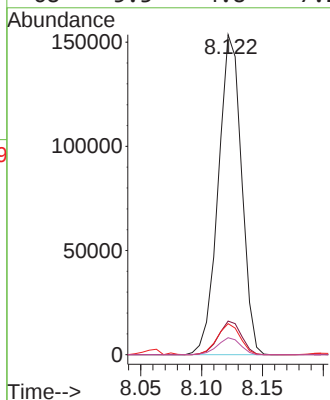
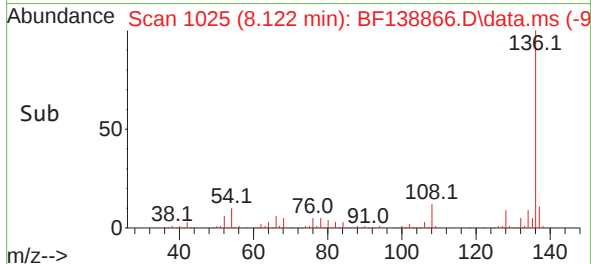


Tgt Ion:136 Resp: 204092
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.7 8.6 12.8
68 5.3 4.8 7.2

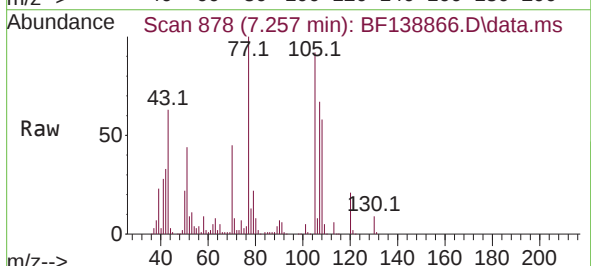
Manual Integrations

APPROVED

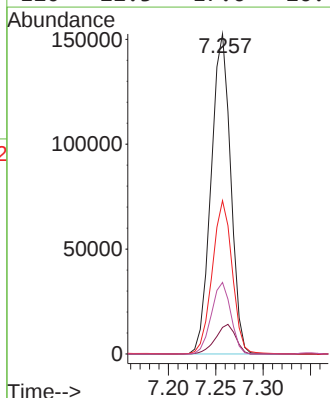
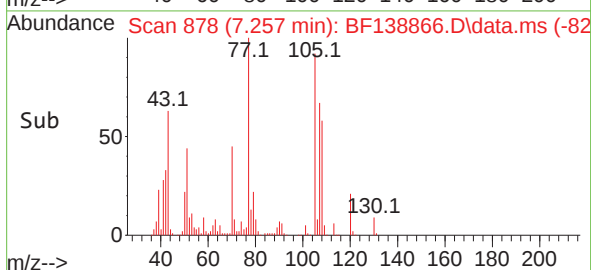
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

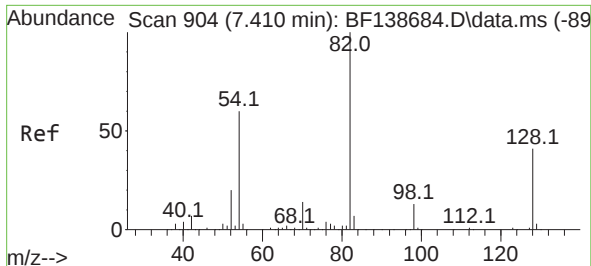


#22
Acetophenone
Concen: 43.929 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:105 Resp: 219521
Ion Ratio Lower Upper
105 100
71 8.3 7.2 10.8
51 47.9 35.9 53.9
120 22.3 17.6 26.4





#23
Nitrobenzene-d5
Concen: 85.446 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

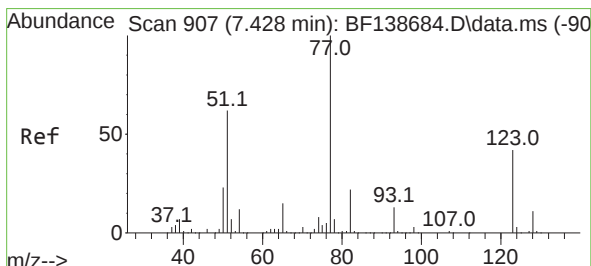
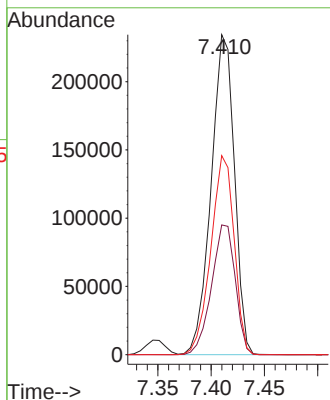
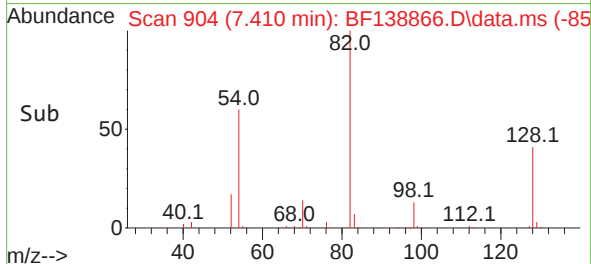
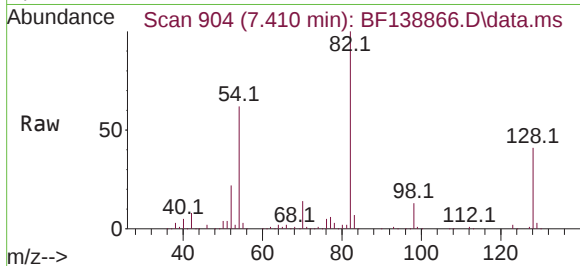
ClientSampleId :

PB162463BS

Tgt Ion: 82 Resp: 35668
Ion Ratio Lower Upper
82 100
128 40.5 32.8 49.2
54 62.2 48.3 72.5

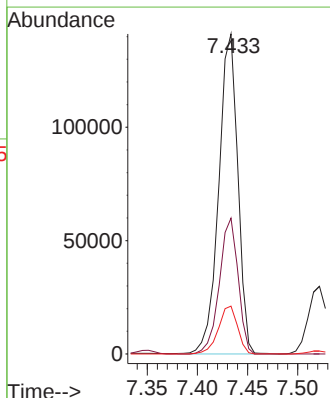
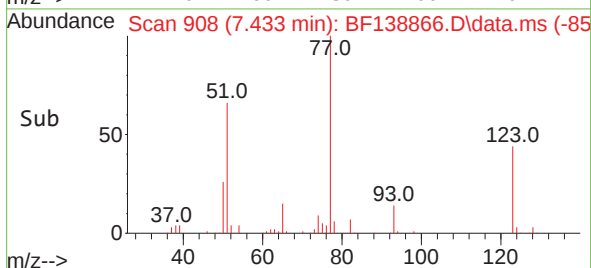
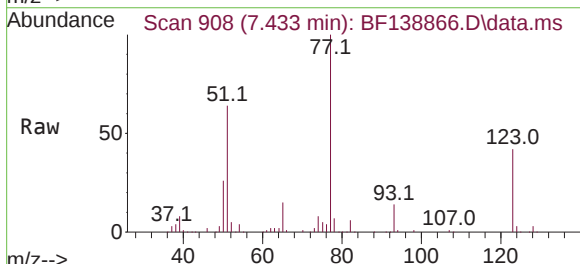
Manual Integrations
APPROVED

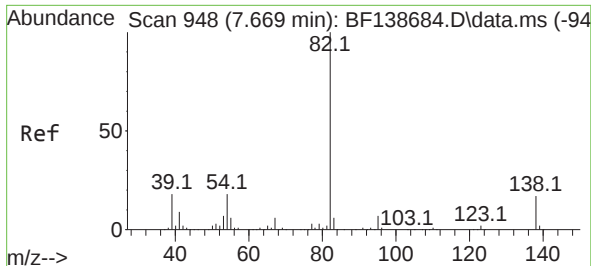
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#24
Nitrobenzene
Concen: 43.953 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

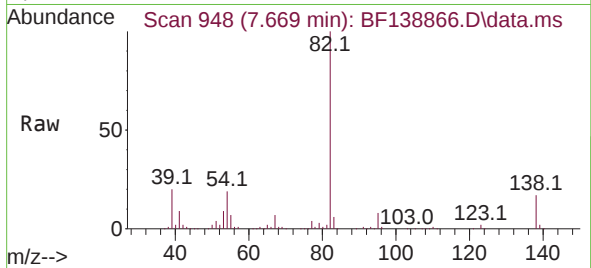
Tgt Ion: 77 Resp: 186701
Ion Ratio Lower Upper
77 100
123 42.5 33.3 49.9
65 14.9 11.9 17.9





#25
Isophorone
Concen: 44.938 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

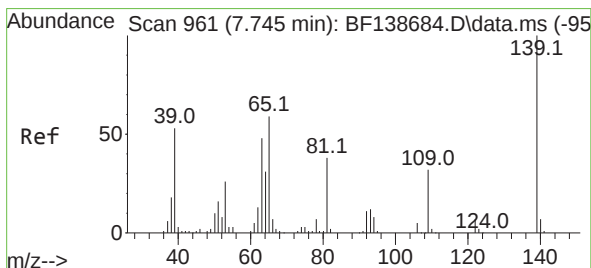
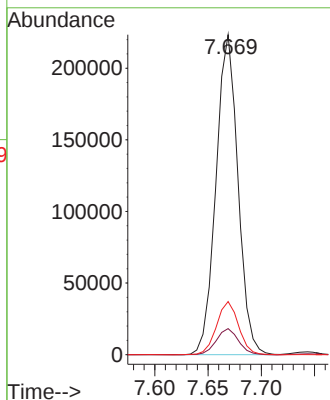
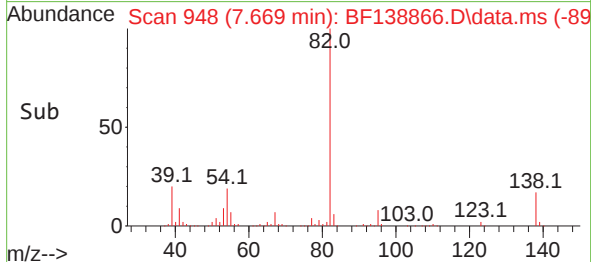
Instrument :
BNA_F
ClientSampleId :
PB162463BS



Tgt Ion: 82 Resp: 320318
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.6 13.7 20.5

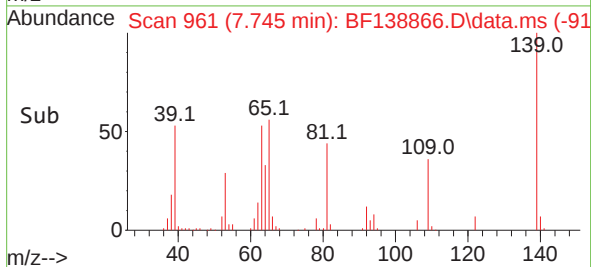
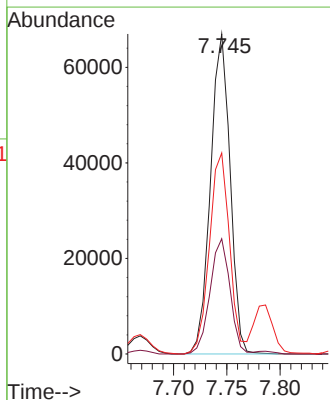
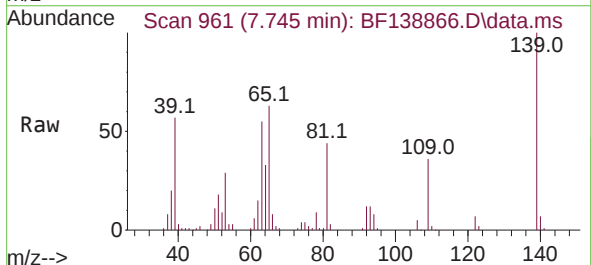
Manual Integrations
APPROVED

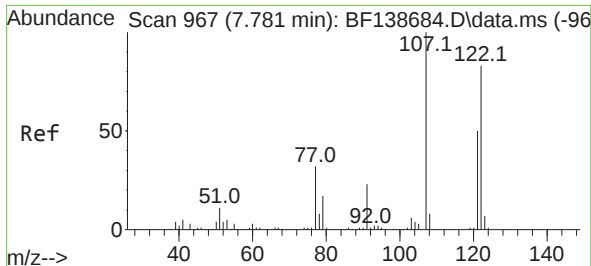
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#26
2-Nitrophenol
Concen: 46.800 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:139 Resp: 85527
Ion Ratio Lower Upper
139 100
109 36.0 25.9 38.9
65 62.8 47.0 70.6





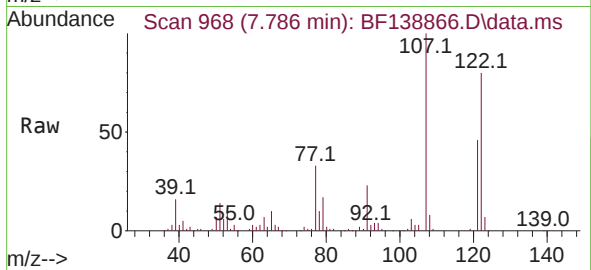
#27
2,4-Dimethylphenol
Concen: 50.415 ng
RT: 7.786 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

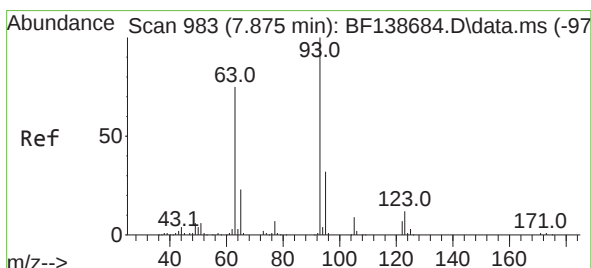
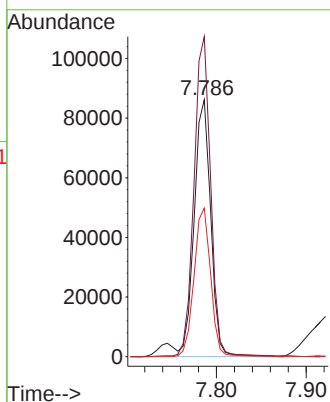
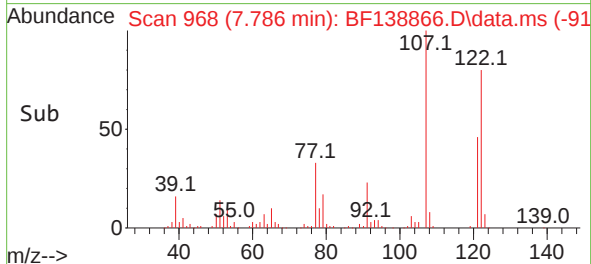


Tgt Ion:122 Resp: 110235
Ion Ratio Lower Upper
122 100
107 124.5 95.0 142.6
121 57.9 47.3 70.9

Manual Integrations

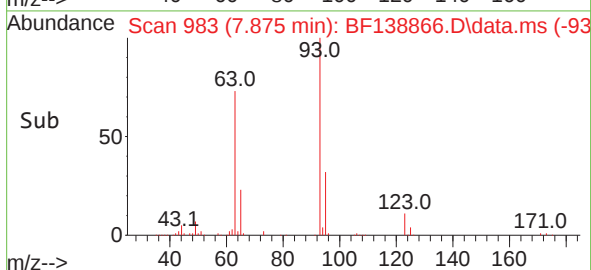
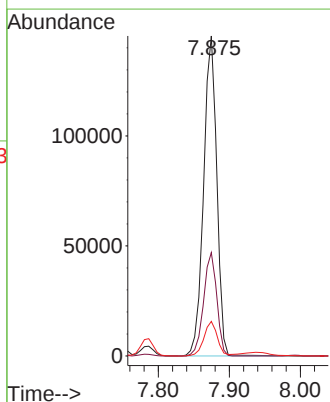
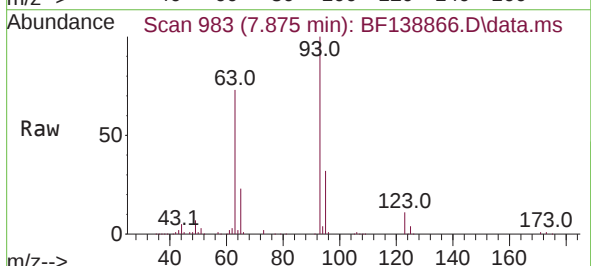
APPROVED

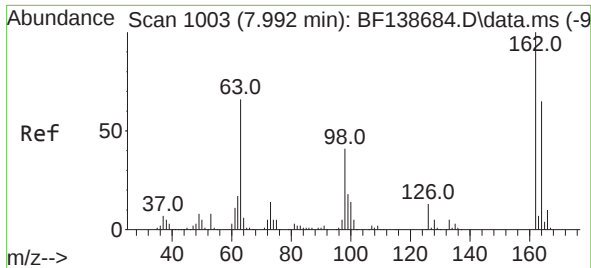
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.359 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion: 93 Resp: 188208
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 10.8 9.4 14.0





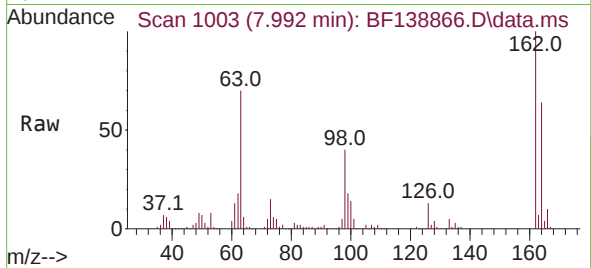
#29
2,4-Dichlorophenol
Concen: 47.397 ng
RT: 7.992 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS



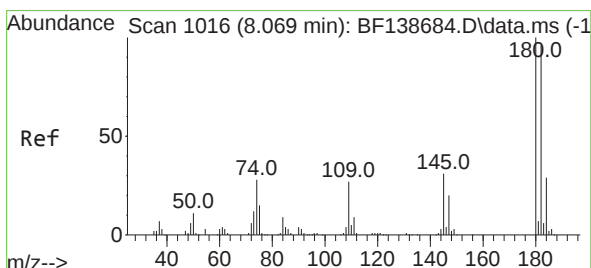
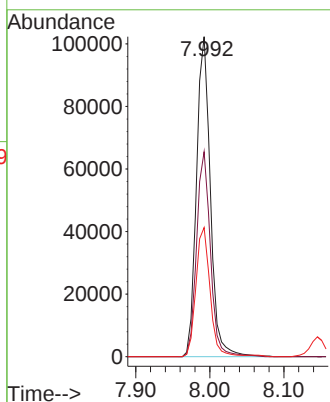
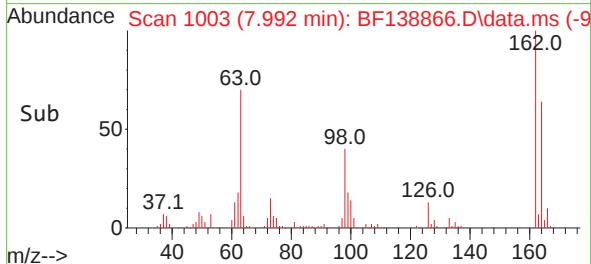
Tgt Ion:162 Resp: 13317
Ion Ratio Lower Upper
162 100
164 64.1 44.7 84.7
98 40.4 20.8 60.8

Manual Integrations

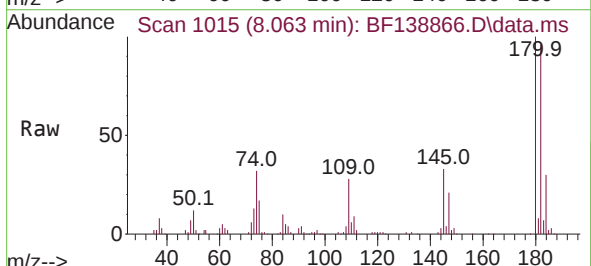
APPROVED

Reviewed By :Yogesh Patel 08/09/2024

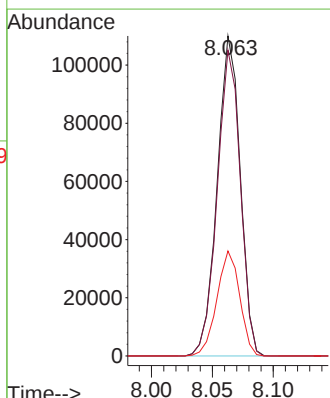
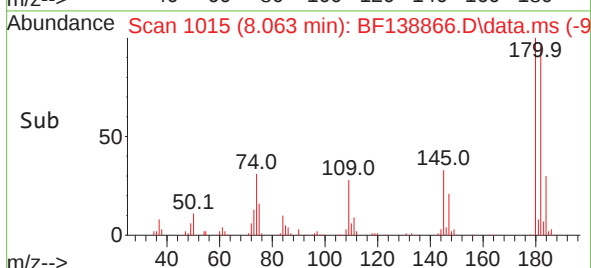
Supervised By :mohammad ahmed 08/09/2024

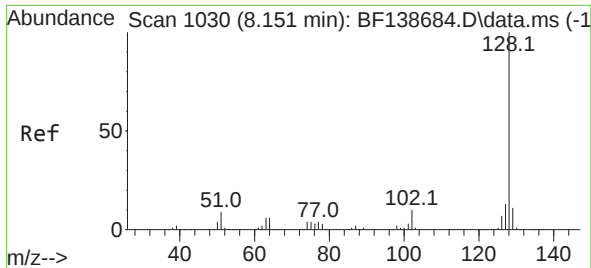


#30
1,2,4-Trichlorobenzene
Concen: 44.701 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:180 Resp: 144942
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 32.8 25.0 37.4





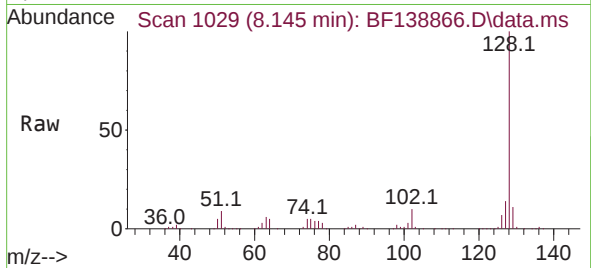
#31
Naphthalene
Concen: 44.911 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

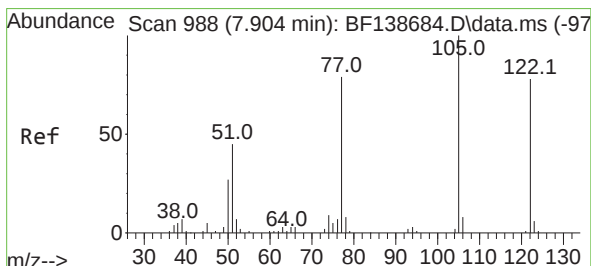
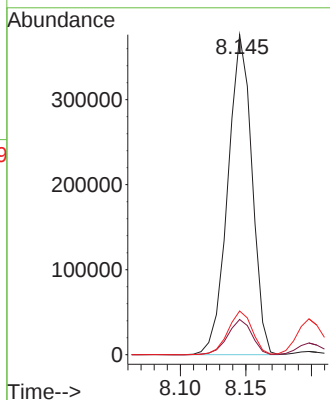
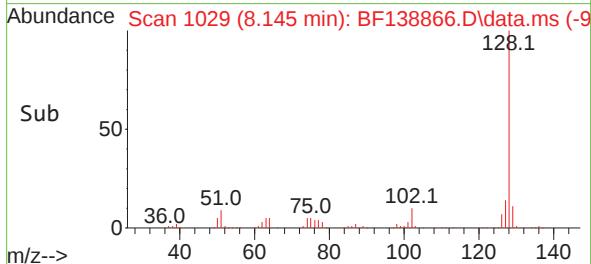


Tgt Ion:128 Resp: 48247
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 16.0

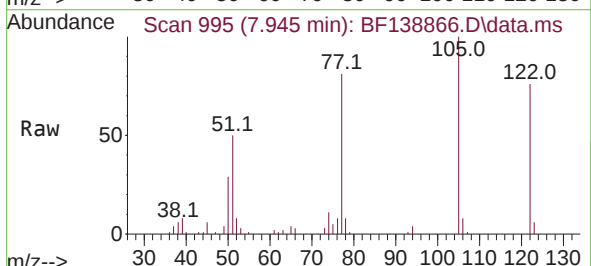
Manual Integrations

APPROVED

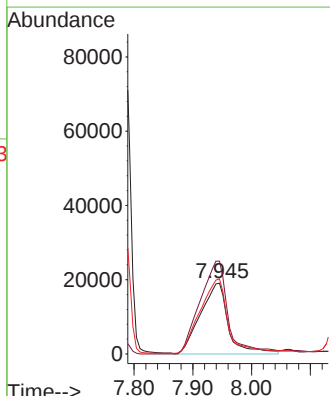
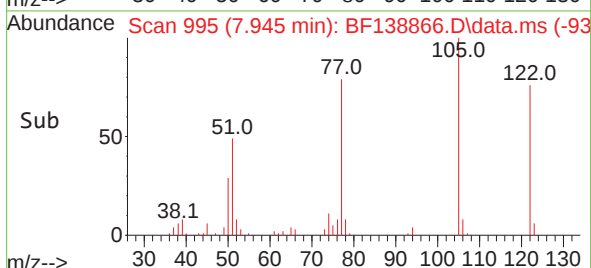
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

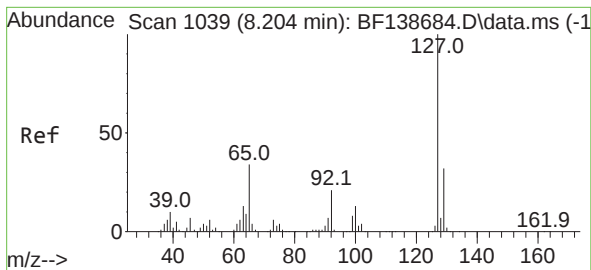


#32
Benzoic acid
Concen: 36.578 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:122 Resp: 62871
Ion Ratio Lower Upper
122 100
105 131.1 106.7 146.7
77 106.0 81.1 121.1





#33
4-Chloroaniline
Concen: 18.664 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

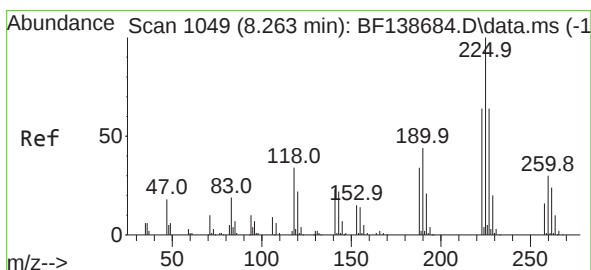
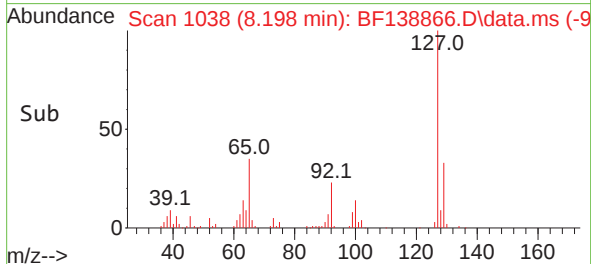
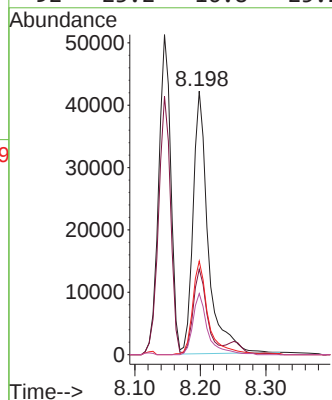
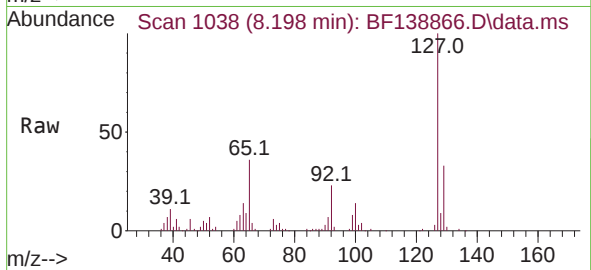
ClientSampleId :

PB162463BS

Tgt Ion:127 Resp: 6730
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9
65 35.6 27.6 41.4
92 23.2 16.8 25.2

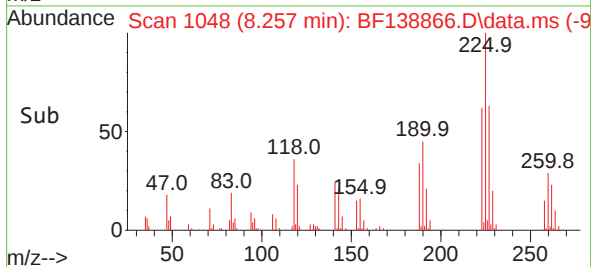
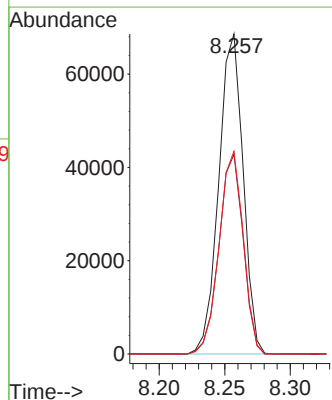
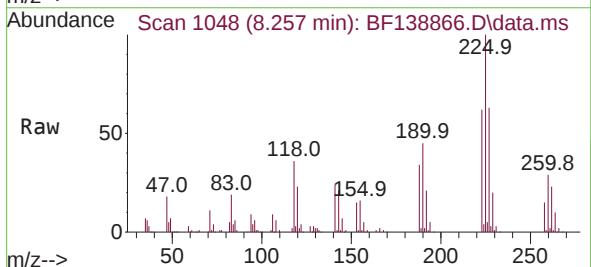
Manual Integrations
APPROVED

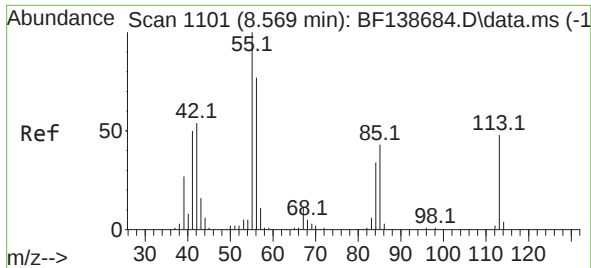
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#34
Hexachlorobutadiene
Concen: 45.013 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

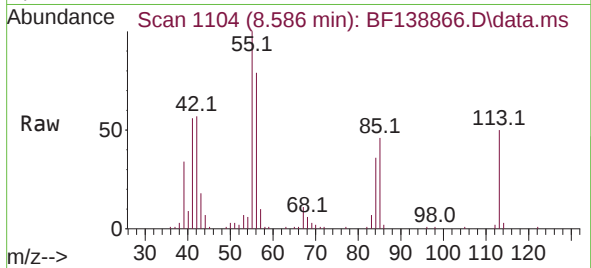
Tgt Ion:225 Resp: 88404
Ion Ratio Lower Upper
225 100
223 62.3 51.2 76.8
227 63.3 51.1 76.7





#35
Caprolactam
Concen: 41.541 ng m
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

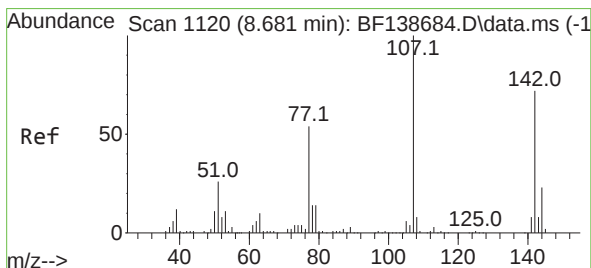
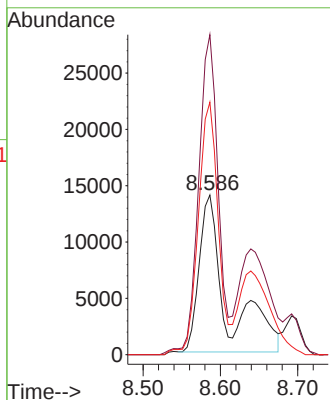
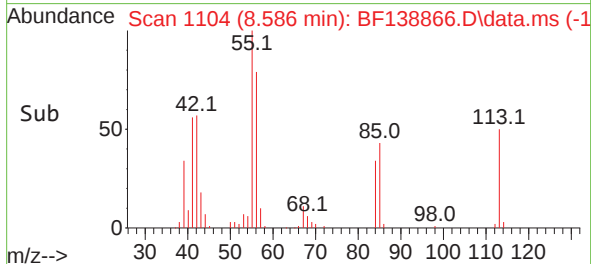
Instrument :
BNA_F
ClientSampleId :
PB162463BS



Tgt Ion:113 Resp: 3482
Ion Ratio Lower Upper
113 100
55 200.4 186.7 226.7
56 158.1 138.9 178.9

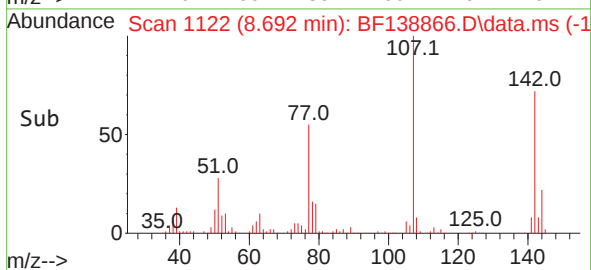
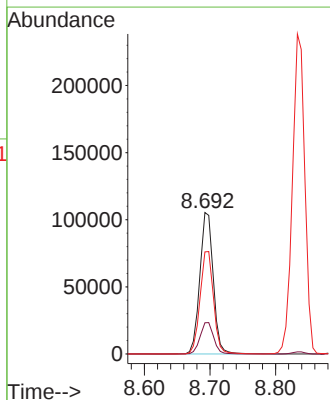
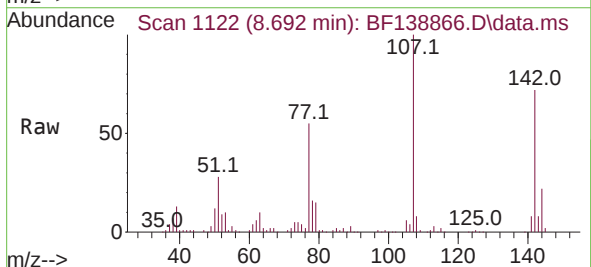
Manual Integrations
APPROVED

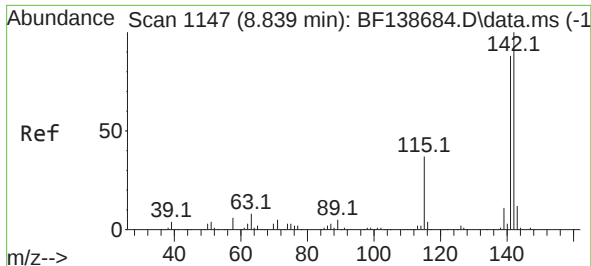
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#36
4-Chloro-3-methylphenol
Concen: 47.044 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:107 Resp: 151061
Ion Ratio Lower Upper
107 100
144 22.0 18.2 27.2
142 72.1 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.041 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

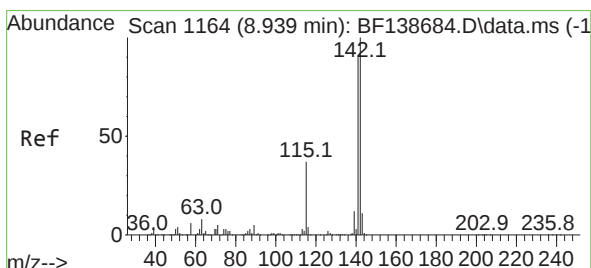
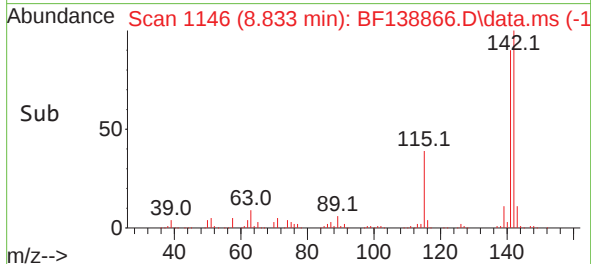
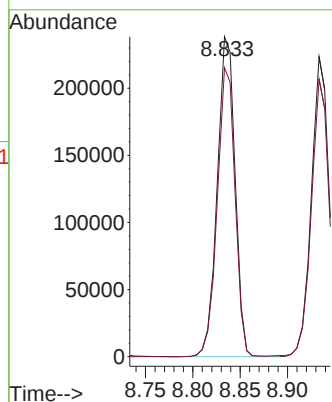
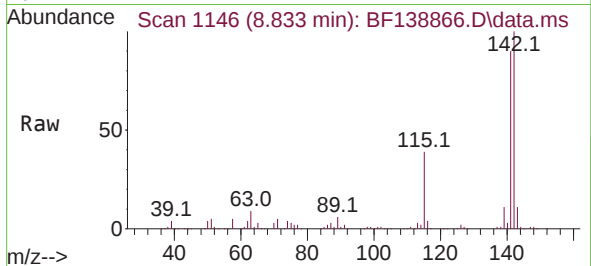
PB162463BS

Tgt Ion:142 Resp: 312370
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2

Manual Integrations

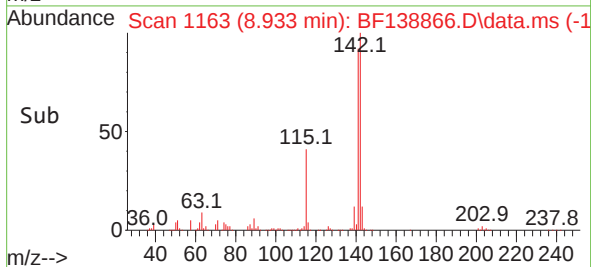
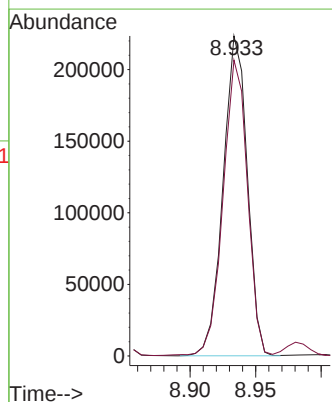
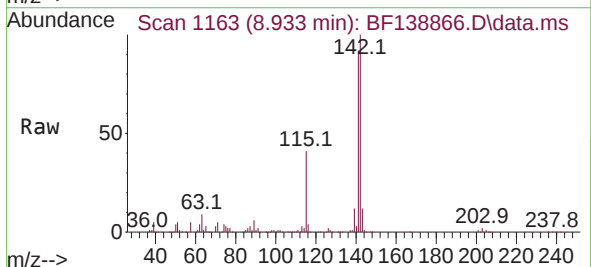
APPROVED

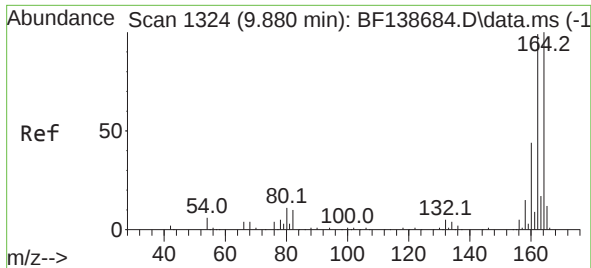
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#38
1-Methylnaphthalene
Concen: 43.061 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:142 Resp: 286286
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7





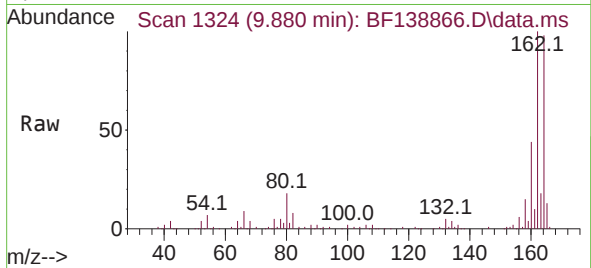
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

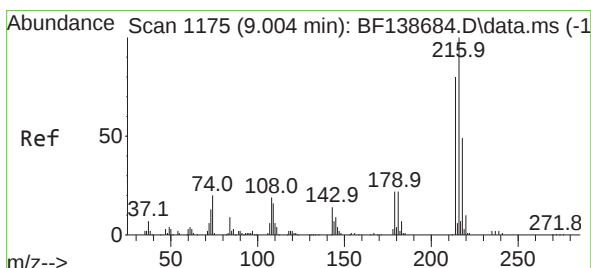
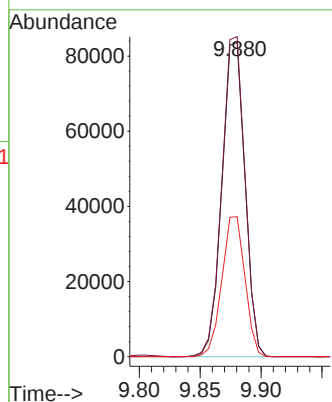
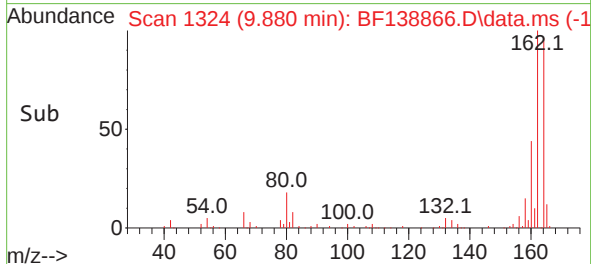


Tgt Ion:164 Resp: 11007
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.0
160 44.6 35.1 52.7

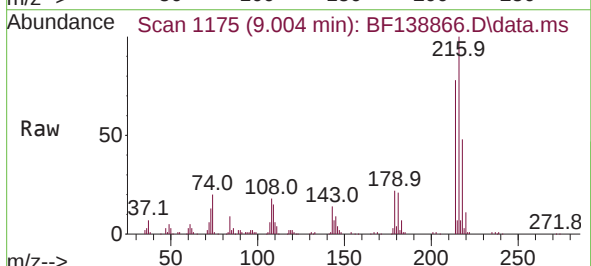
Manual Integrations

APPROVED

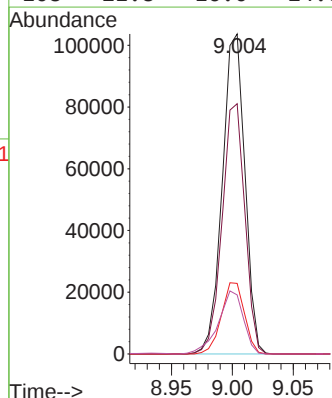
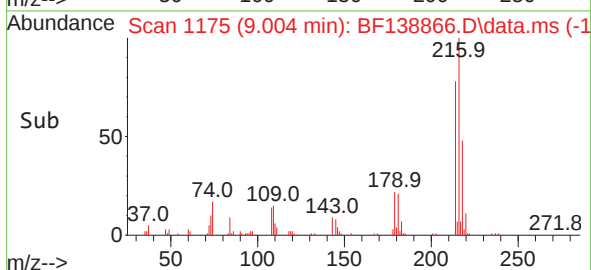
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

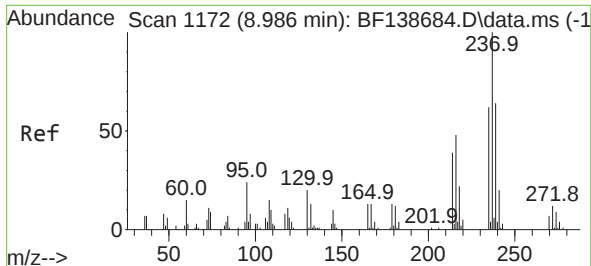


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.777 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



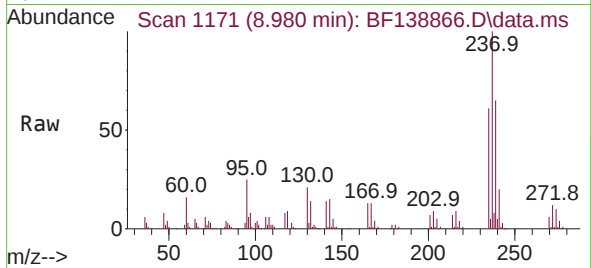
Tgt Ion:216 Resp: 133856
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 22.7 17.8 26.6
108 21.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 106.404 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

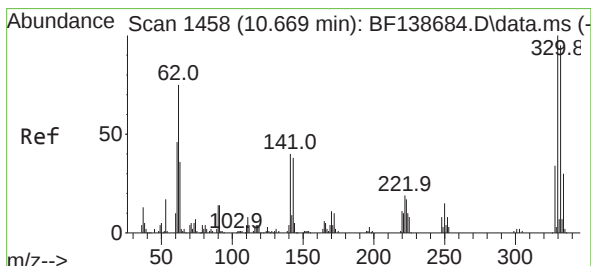
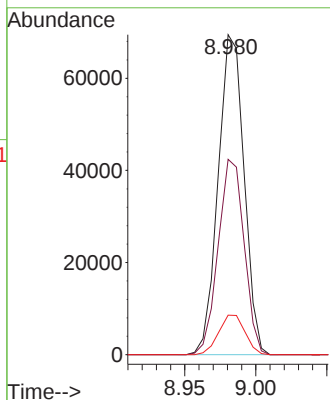
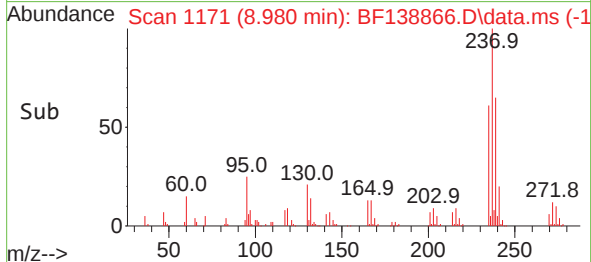
Instrument :
BNA_F
ClientSampleId :
PB162463BS



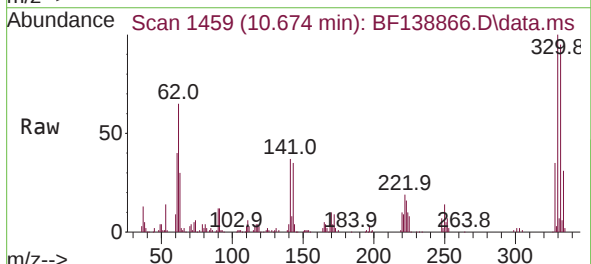
Tgt Ion:237 Resp: 8815
Ion Ratio Lower Upper
237 100
235 61.1 41.8 81.8
272 12.4 0.0 32.2

Manual Integrations
APPROVED

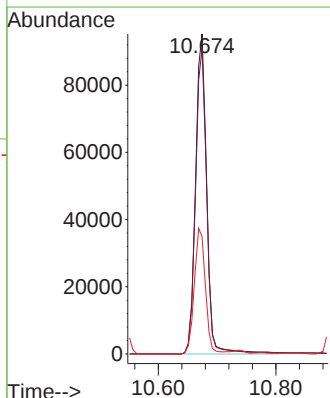
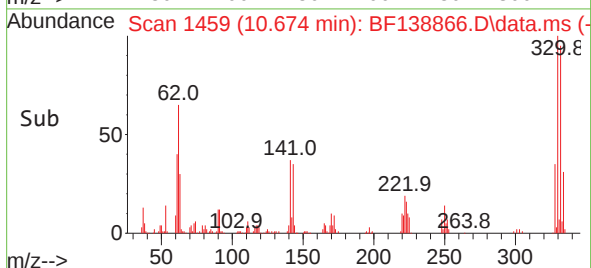
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

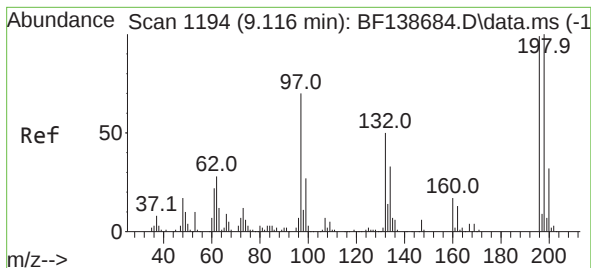


#42
2,4,6-Tribromophenol
Concen: 139.739 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:330 Resp: 125994
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 39.0 31.1 46.7





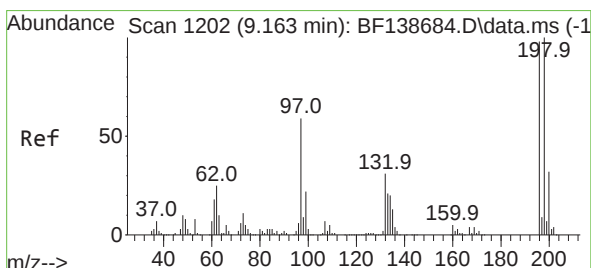
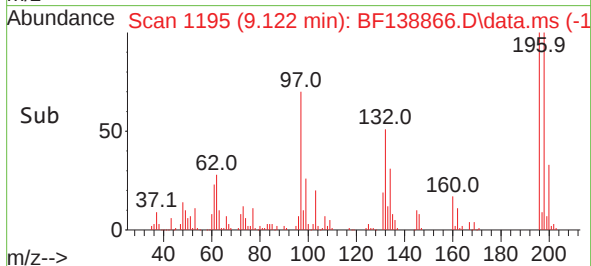
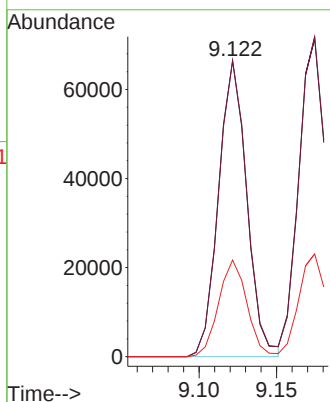
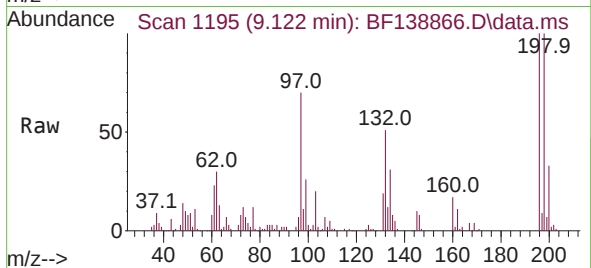
#43
2,4,6-Trichlorophenol
Concen: 45.119 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :
PB162463BS

Tgt Ion:196 Resp: 84110
Ion Ratio Lower Upper
196 100
198 100.0 80.5 120.7
200 32.6 25.9 38.9

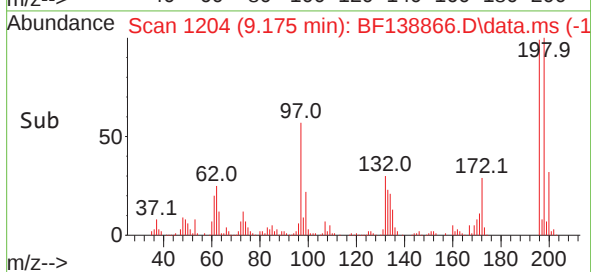
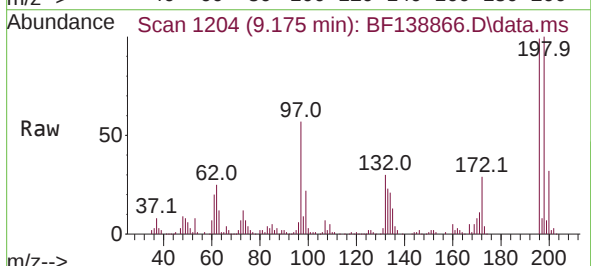
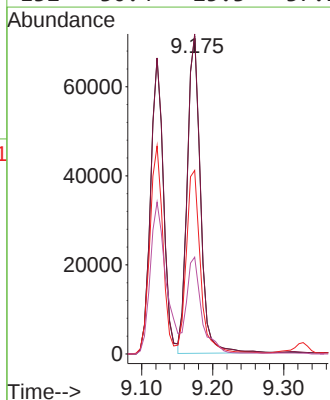
Manual Integrations
APPROVED

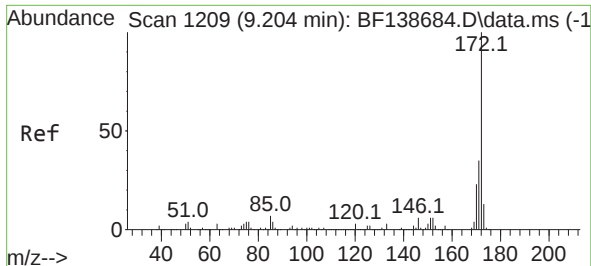
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#44
2,4,5-Trichlorophenol
Concen: 45.575 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:196 Resp: 92884
Ion Ratio Lower Upper
196 100
198 100.7 81.2 121.8
97 57.7 47.8 71.6
132 30.4 25.3 37.9





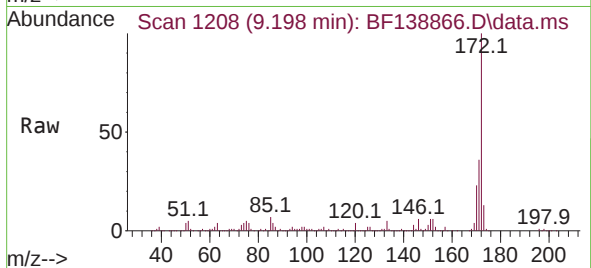
#45
2-Fluorobiphenyl
Concen: 89.601 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

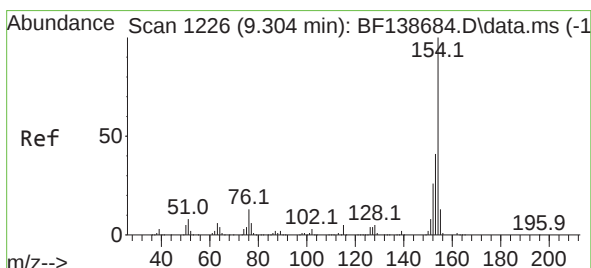
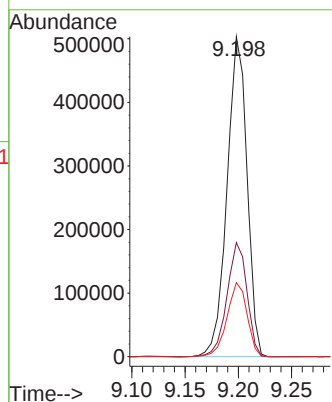
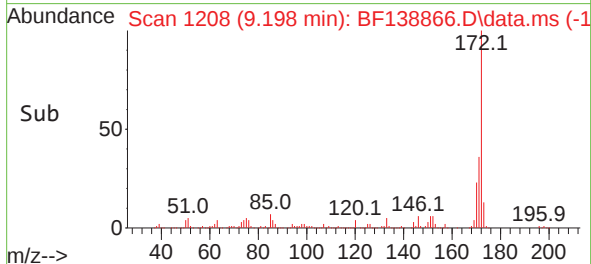


Tgt Ion:172 Resp: 65641
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.1 18.8 28.2

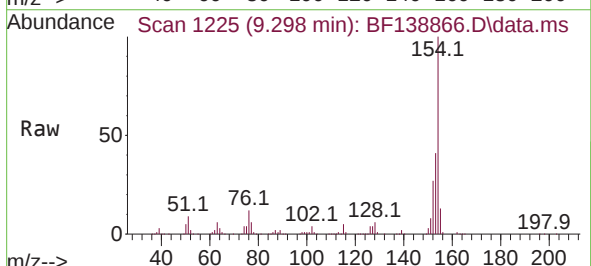
Manual Integrations

APPROVED

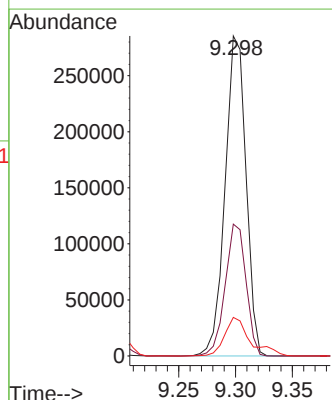
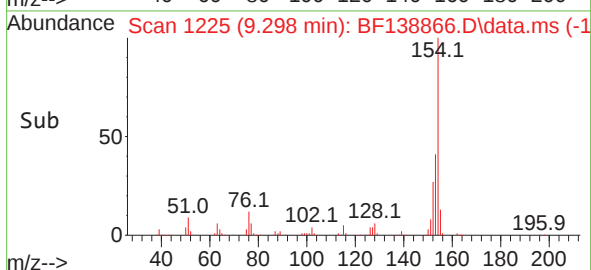
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

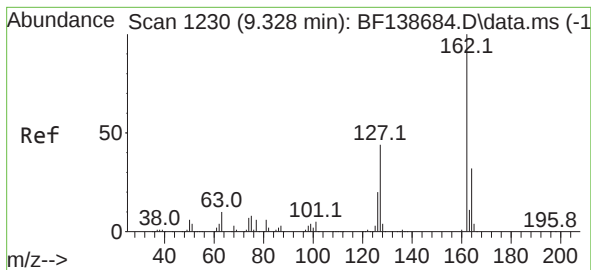


#46
1,1'-Biphenyl
Concen: 42.403 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:154 Resp: 365546
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 12.0 0.0 32.8





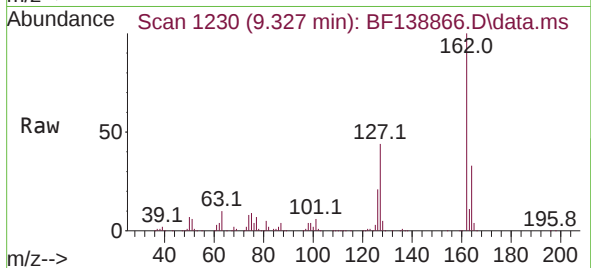
#47
2-Chloronaphthalene
Concen: 45.451 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

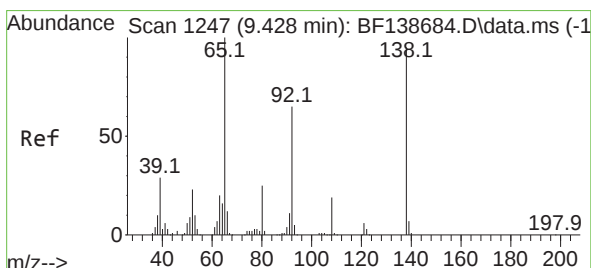
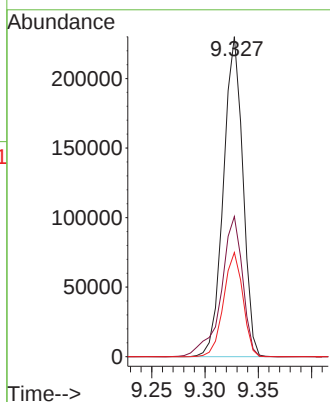
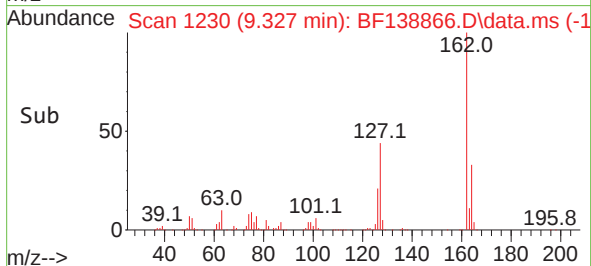
PB162463BS



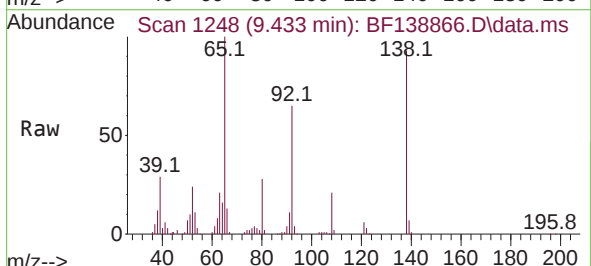
Tgt Ion:162 Resp: 29140
Ion Ratio Lower Upper
162 100
127 43.8 35.4 53.2
164 32.6 25.6 38.4

Manual Integrations
APPROVED

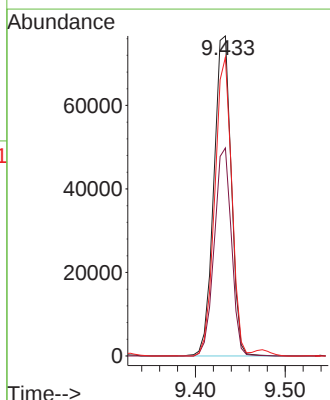
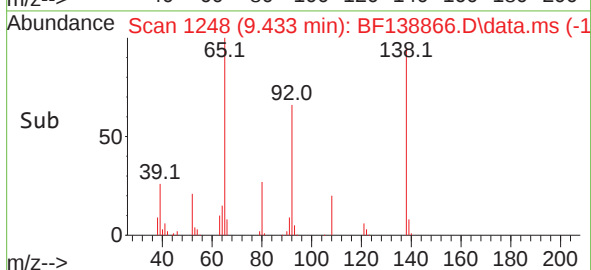
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

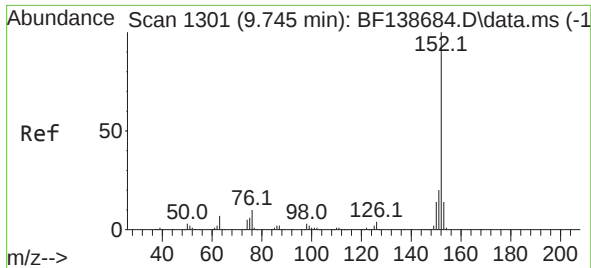


#48
2-Nitroaniline
Concen: 47.481 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion: 65 Resp: 103203
Ion Ratio Lower Upper
65 100
92 65.0 52.0 78.0
138 93.4 76.2 114.4





#49
Acenaphthylene
Concen: 49.428 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

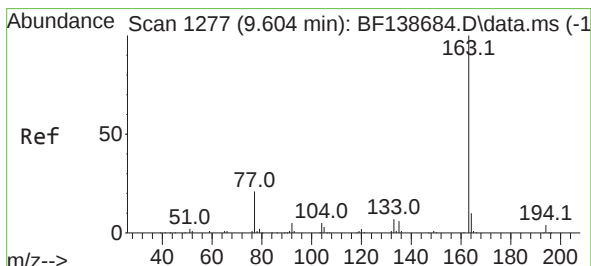
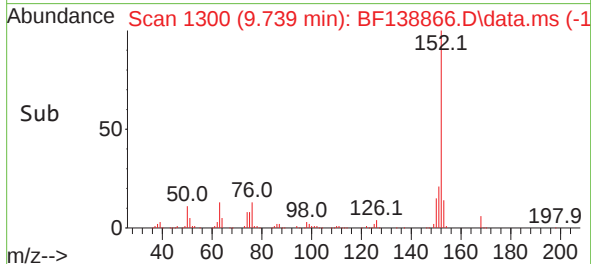
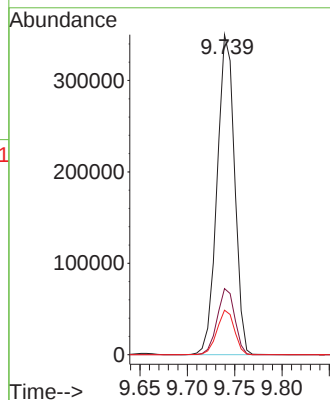
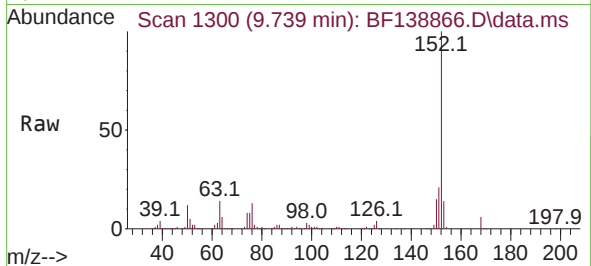
PB162463BS

Tgt Ion:152 Resp: 449469
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.9 11.0 16.4

Manual Integrations

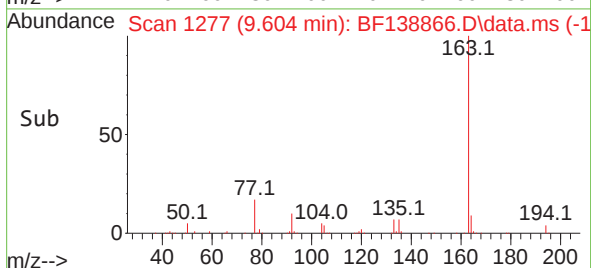
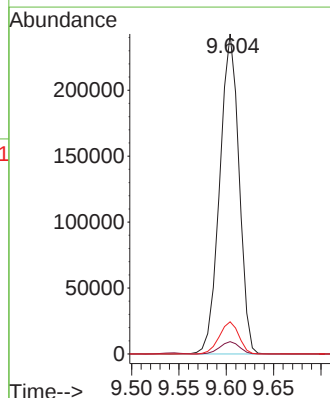
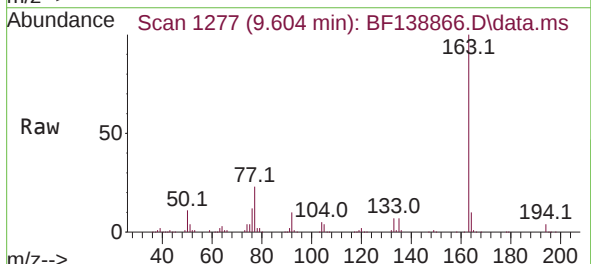
APPROVED

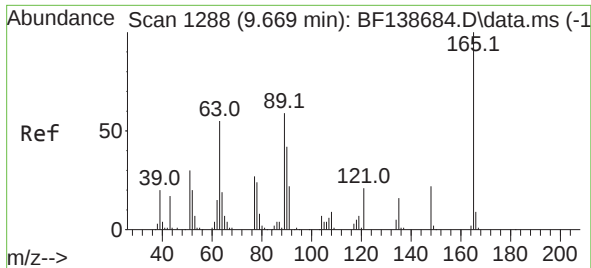
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#50
Dimethylphthalate
Concen: 48.864 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:163 Resp: 343910
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 7.8 11.8





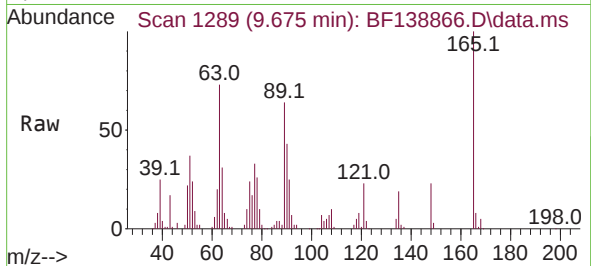
#51
2,6-Dinitrotoluene
Concen: 46.080 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

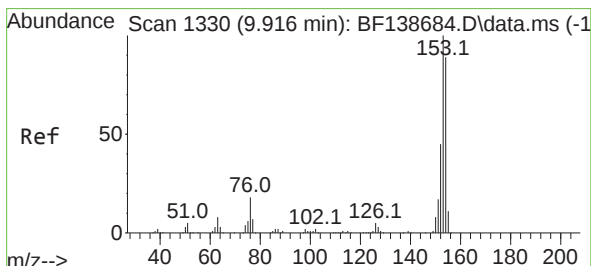
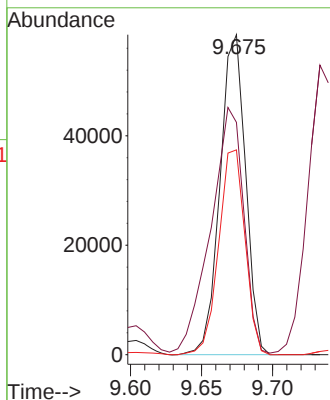
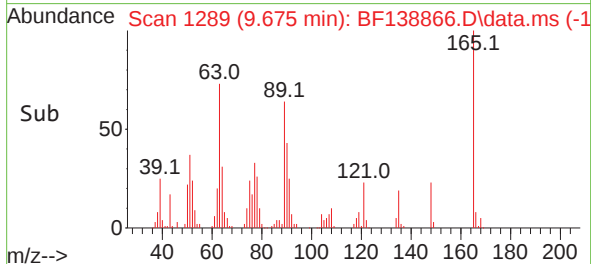


Tgt Ion:165 Resp: 7319
Ion Ratio Lower Upper
165 100
63 72.6 52.0 78.0
89 64.0 47.0 70.6

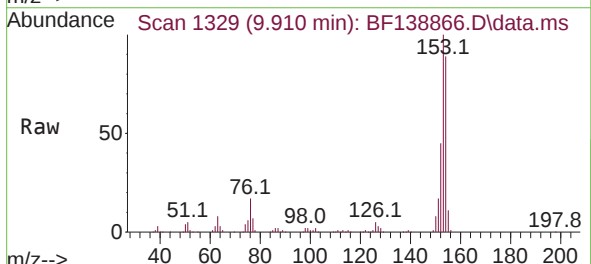
Manual Integrations

APPROVED

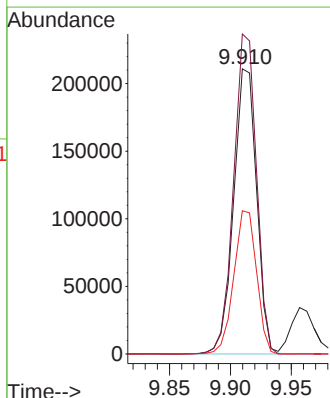
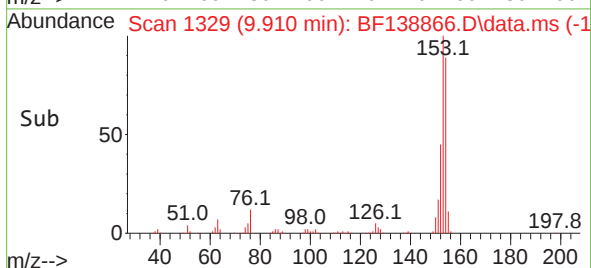
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

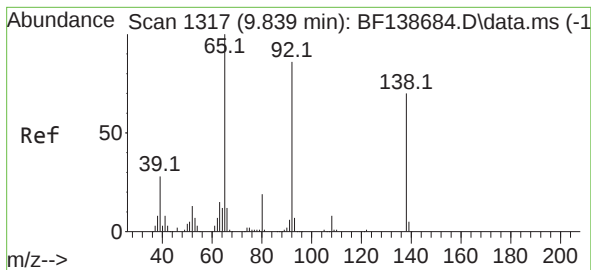


#52
Acenaphthene
Concen: 45.323 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:154 Resp: 277044
Ion Ratio Lower Upper
154 100
153 112.2 89.9 134.9
152 50.2 40.6 60.8





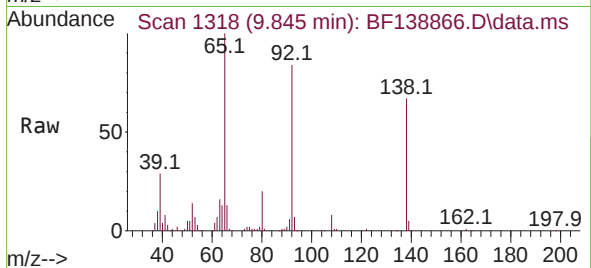
#53
3-Nitroaniline
Concen: 30.224 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS



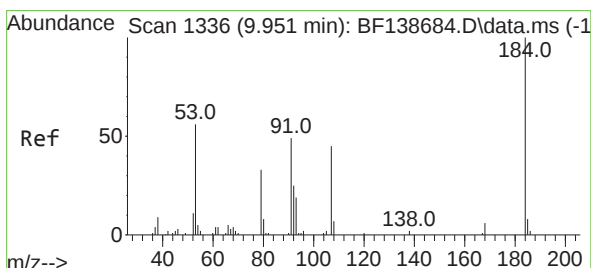
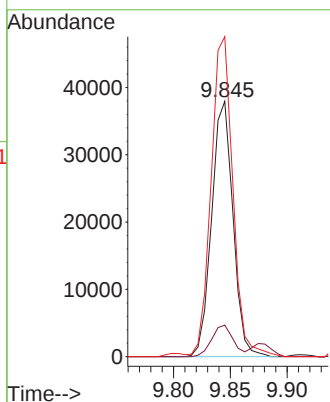
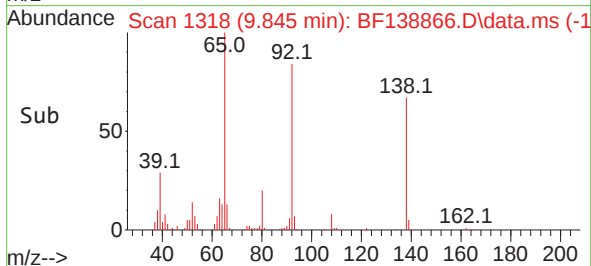
Tgt Ion:138 Resp: 49628
Ion Ratio Lower Upper
138 100
108 12.3 9.1 13.7
92 125.3 98.7 148.1

Manual Integrations

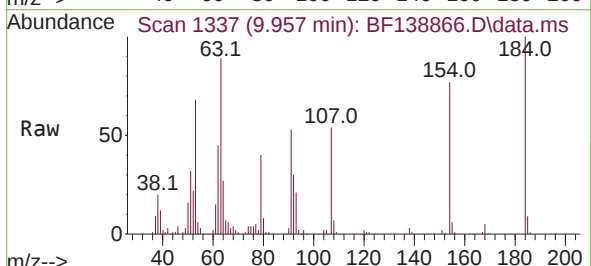
APPROVED

Reviewed By :Yogesh Patel 08/09/2024

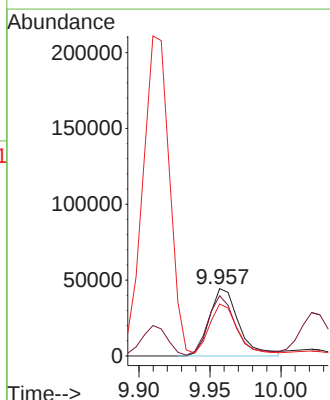
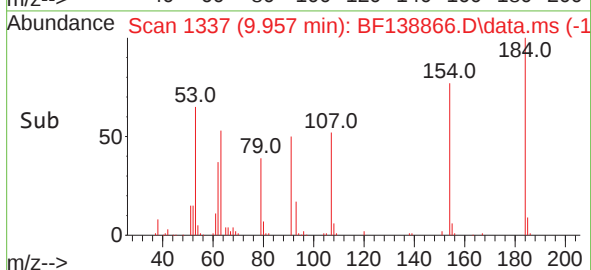
Supervised By :mohammad ahmed 08/09/2024

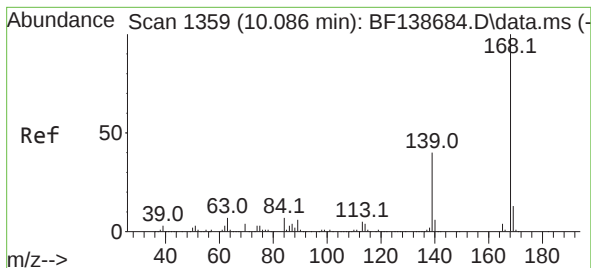


#54
2,4-Dinitrophenol
Concen: 87.810 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:184 Resp: 64205
Ion Ratio Lower Upper
184 100
63 89.3 57.5 86.3#
154 77.3 51.7 77.5





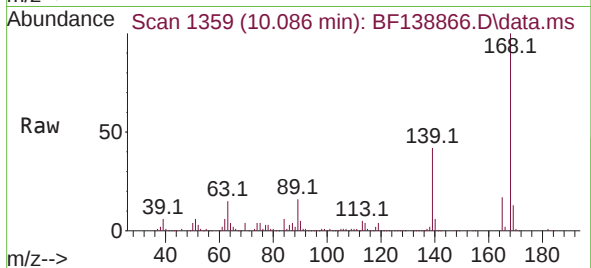
#55
Dibenzenofuran
Concen: 47.444 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

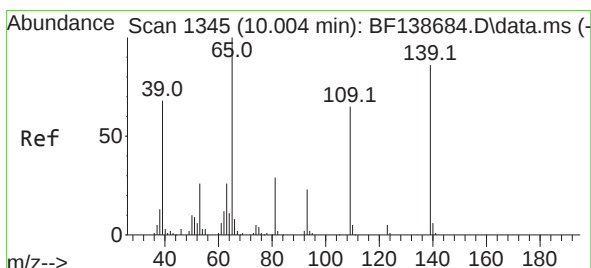
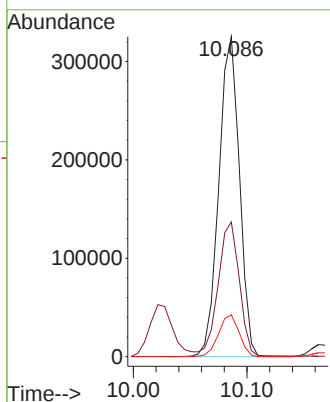
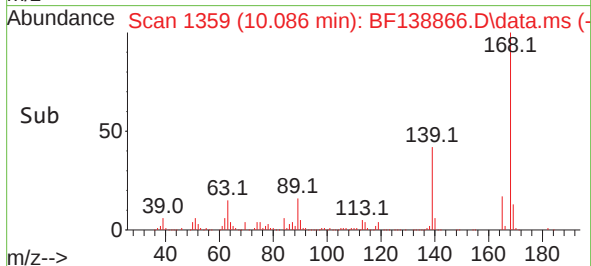


Tgt Ion:168 Resp: 40938
Ion Ratio Lower Upper
168 100
139 42.1 32.6 49.0
169 13.0 10.7 16.1

Manual Integrations

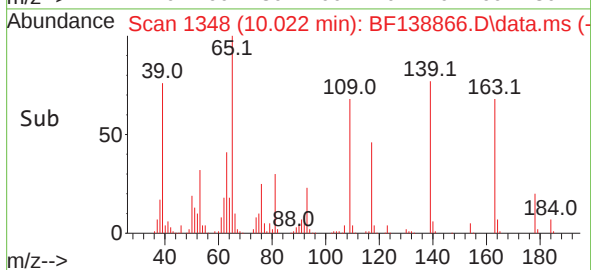
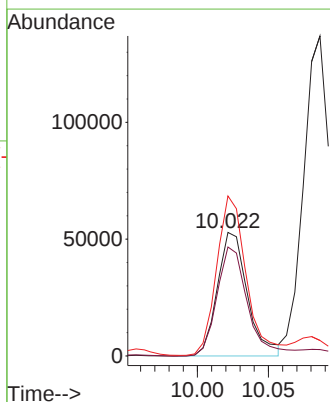
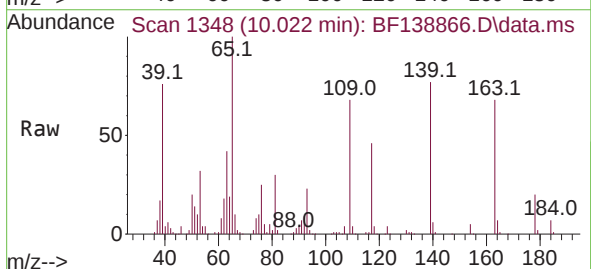
APPROVED

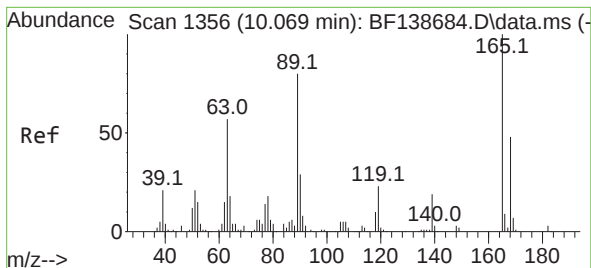
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#56
4-Nitrophenol
Concen: 79.031 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:139 Resp: 78038
Ion Ratio Lower Upper
139 100
109 88.2 55.5 95.5
65 129.6 96.7 136.7





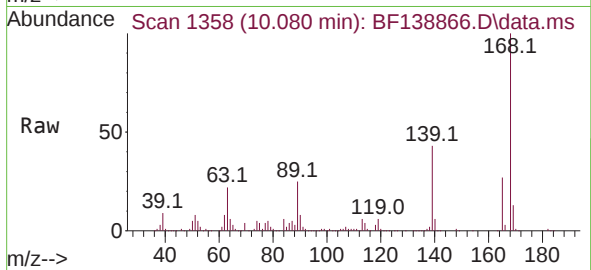
#57
2,4-Dinitrotoluene
Concen: 48.979 ng
RT: 10.080 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS



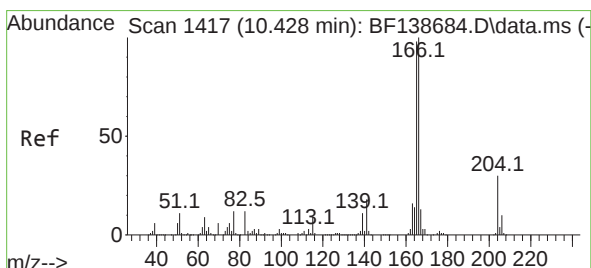
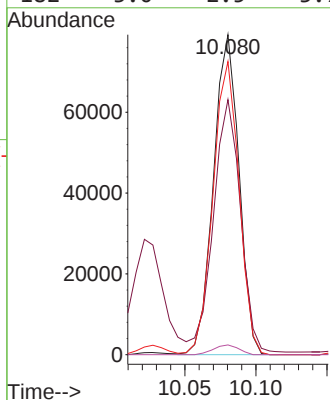
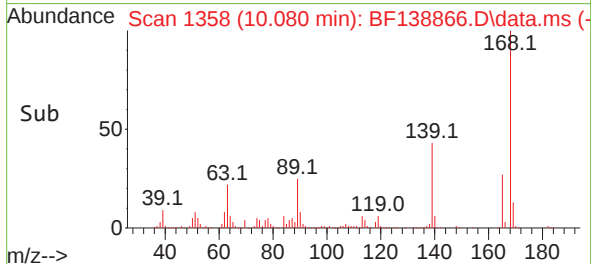
Tgt Ion:165 Resp: 9925
Ion Ratio Lower Upper
165 100
63 79.7 46.3 69.5
89 91.6 64.2 96.4
182 3.0 2.5 3.7

Manual Integrations

APPROVED

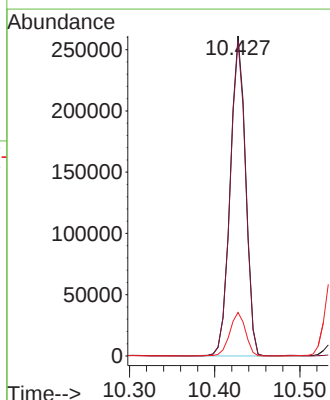
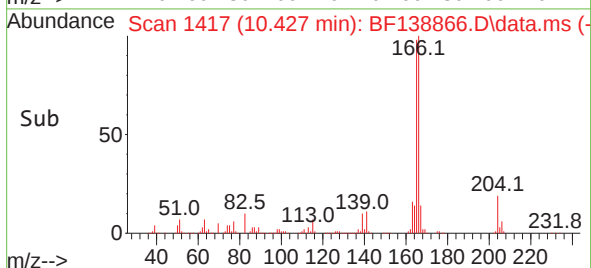
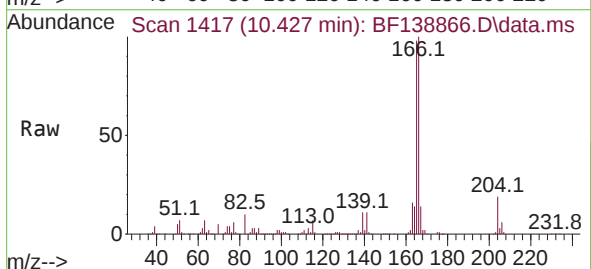
Reviewed By :Yogesh Patel 08/09/2024

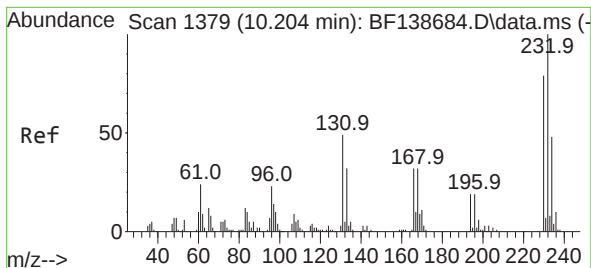
Supervised By :mohammad ahmed 08/09/2024



#58
Fluorene
Concen: 47.949 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

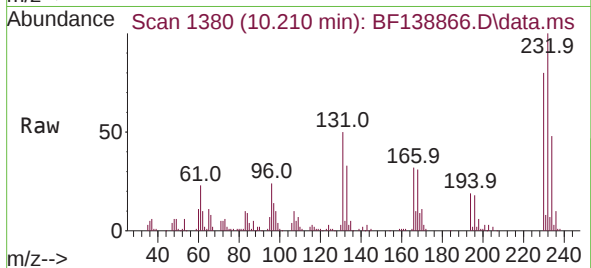
Tgt Ion:166 Resp: 329475
Ion Ratio Lower Upper
166 100
165 98.3 78.4 117.6
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.836 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

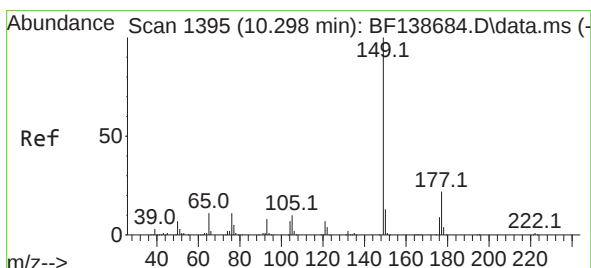
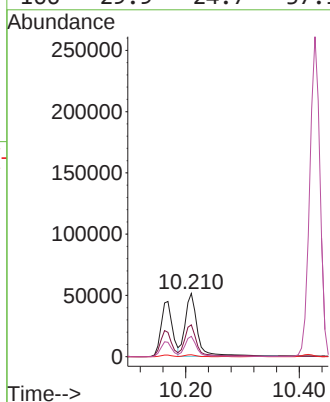
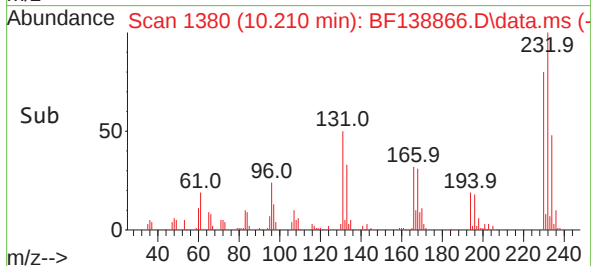
Instrument :
BNA_F
ClientSampleId :
PB162463BS



Tgt Ion:232 Resp: 7609
Ion Ratio Lower Upper
232 100
131 49.7 37.0 55.4
130 2.9 2.0 3.0
166 29.9 24.7 37.1

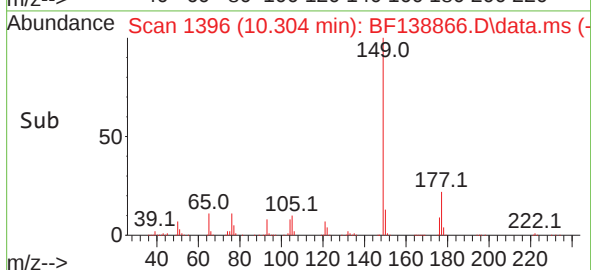
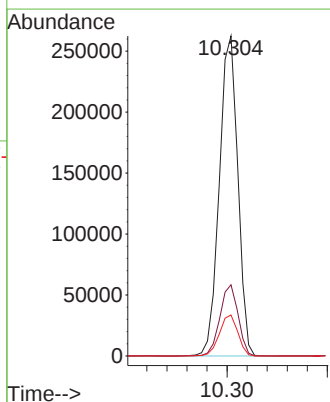
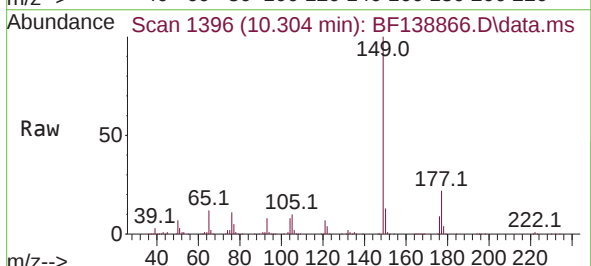
Manual Integrations
APPROVED

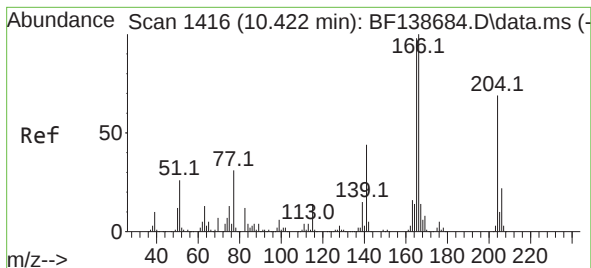
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#60
Diethylphthalate
Concen: 50.288 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:149 Resp: 335590
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.8 10.1 15.1





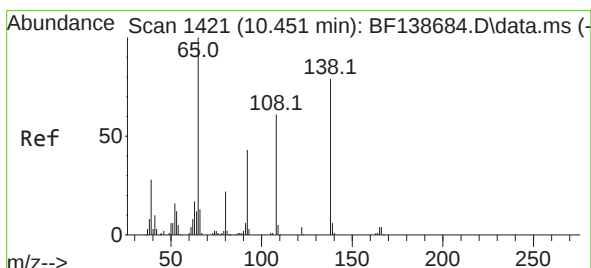
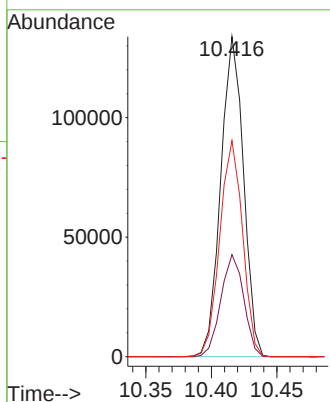
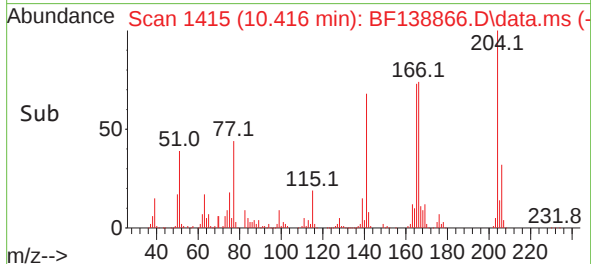
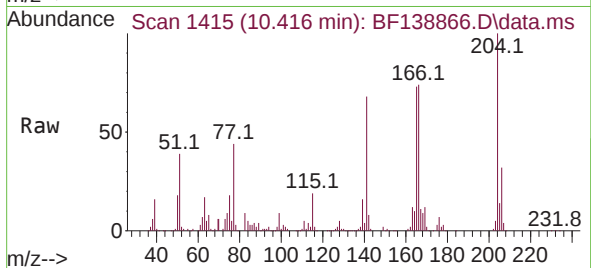
#61
4-Chlorophenyl-phenylether
Concen: 47.724 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :
PB162463BS

Tgt Ion:204 Resp: 16128
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 67.5 51.4 77.0

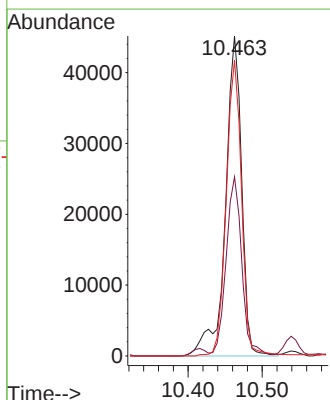
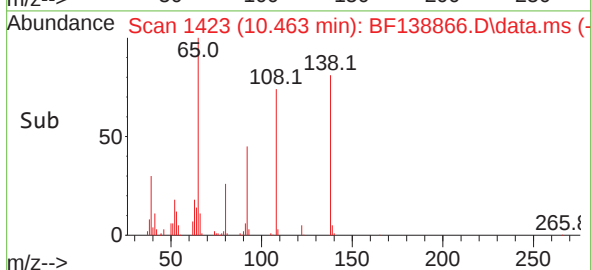
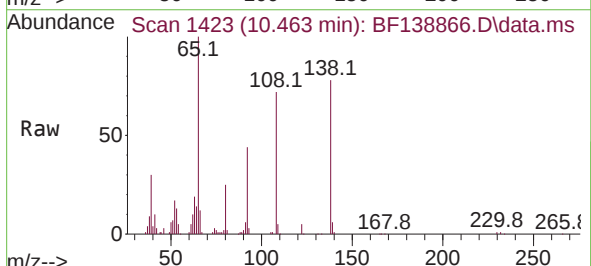
Manual Integrations
APPROVED

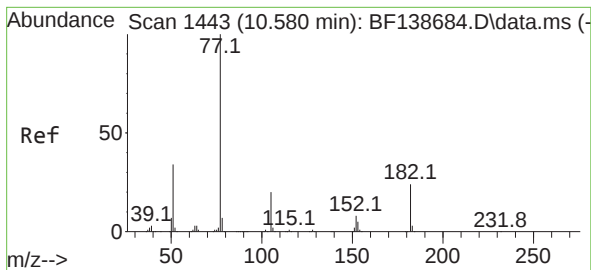
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#62
4-Nitroaniline
Concen: 44.155 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

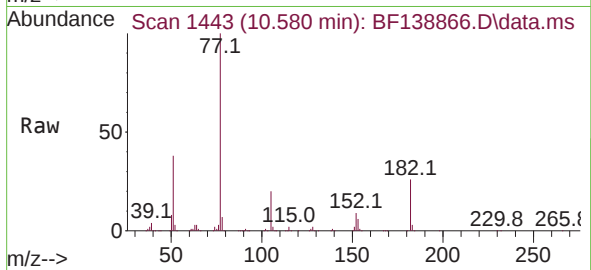
Tgt Ion:138 Resp: 68902
Ion Ratio Lower Upper
138 100
92 56.0 34.2 74.2
108 92.4 56.2 96.2





#63
Azobenzene
Concen: 46.905 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

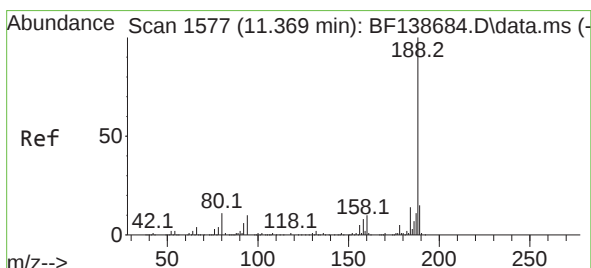
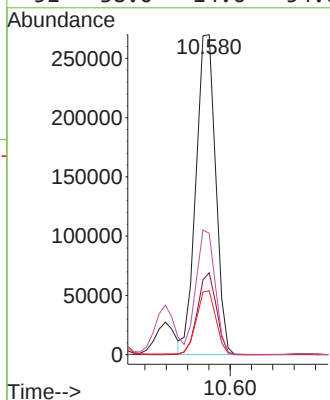
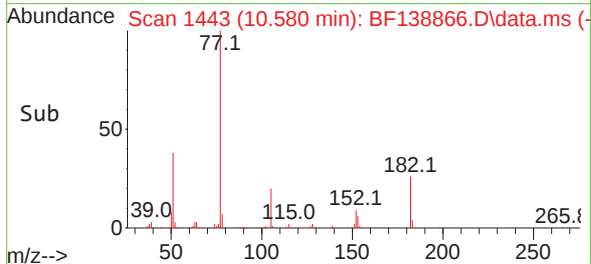
Instrument :
BNA_F
ClientSampleId :
PB162463BS



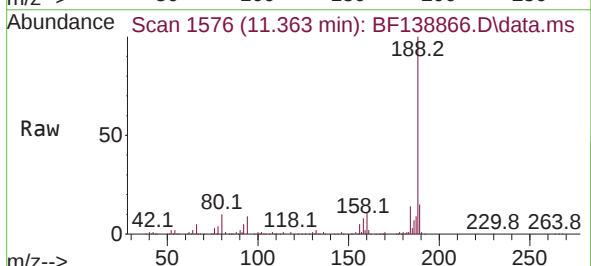
Tgt Ion: 77 Resp: 347164
Ion Ratio Lower Upper
77 100
182 25.6 3.4 43.4
105 20.0 0.2 40.2
51 38.0 14.6 54.6

Manual Integrations
APPROVED

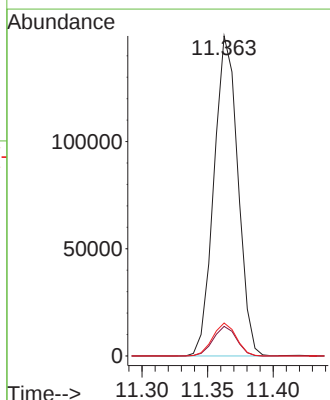
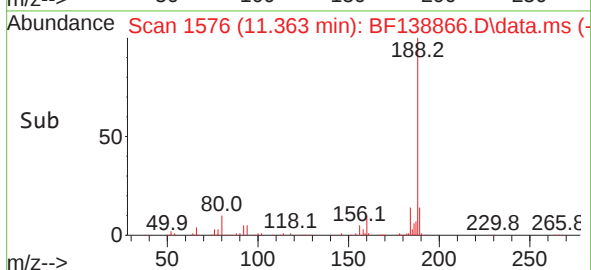
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

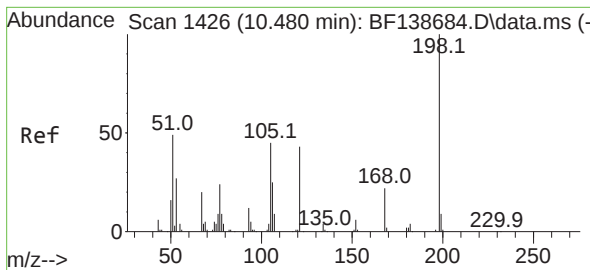


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:188 Resp: 189484
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.3 8.6 12.8





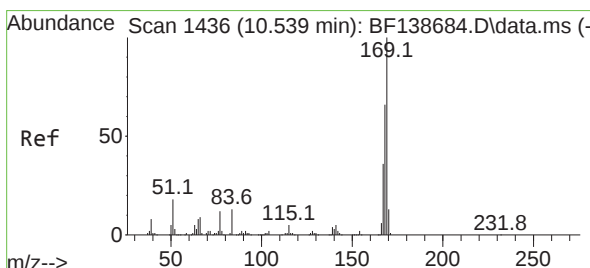
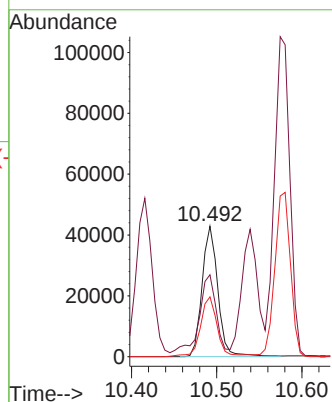
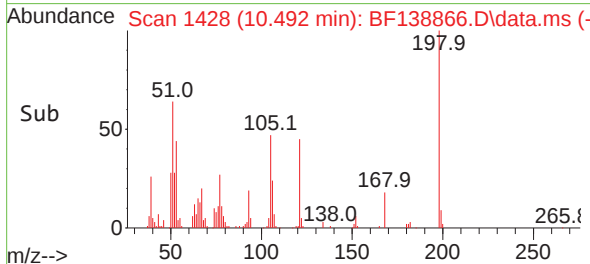
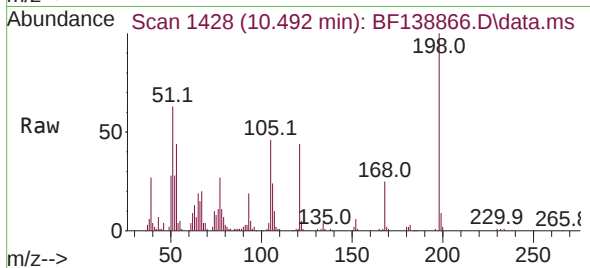
#65
4,6-Dinitro-2-methylphenol
Concen: 47.742 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :
BNA_F
ClientSampleId :
PB162463BS

Tgt Ion:198 Resp: 5519
Ion Ratio Lower Upper
198 100
51 62.8 39.9 79.9
105 45.8 26.1 66.1

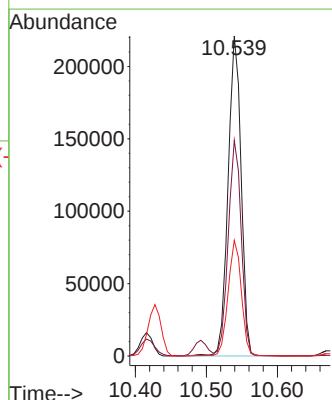
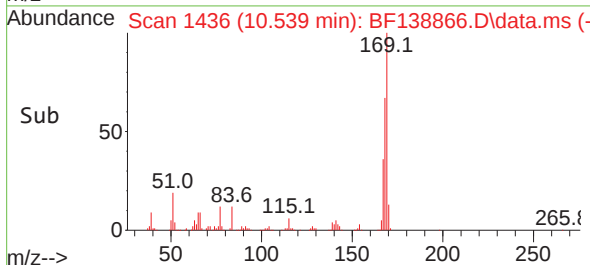
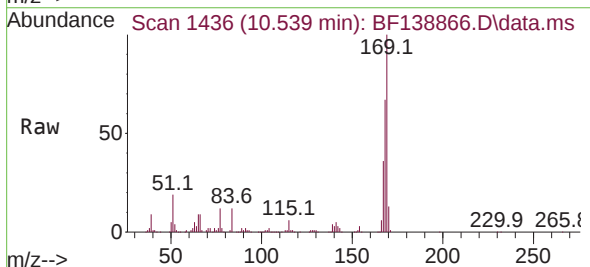
Manual Integrations
APPROVED

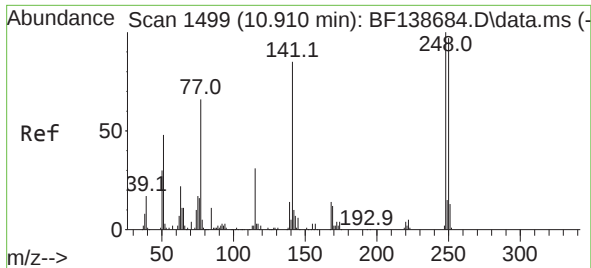
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#66
n-Nitrosodiphenylamine
Concen: 47.464 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

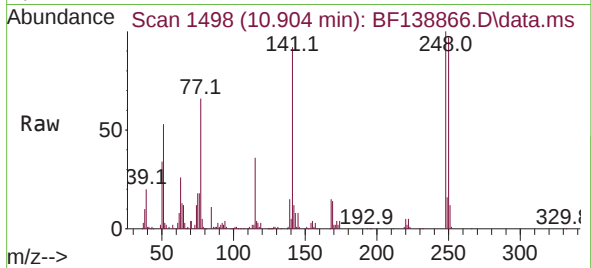
Tgt Ion:169 Resp: 281123
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.6
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.375 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

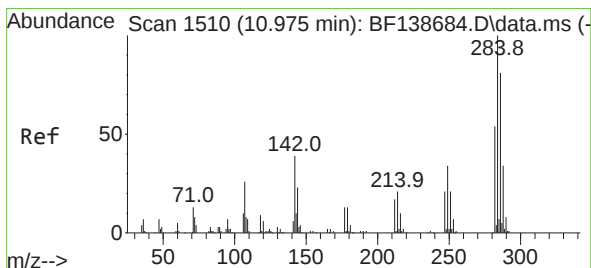
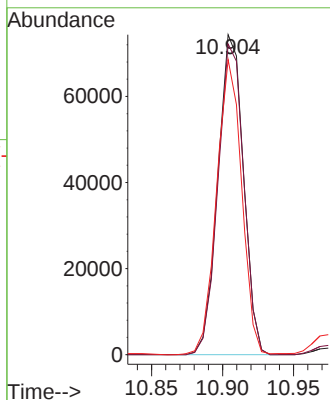
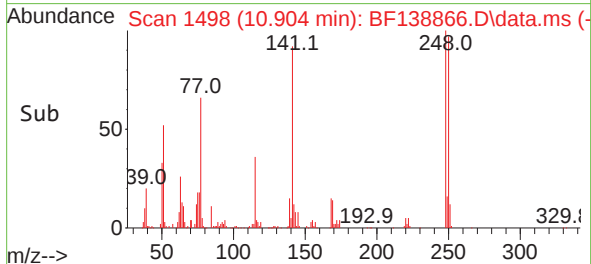
Instrument :
BNA_F
ClientSampleId :
PB162463BS



Tgt Ion:248 Resp: 93088
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 92.2 68.0 102.0

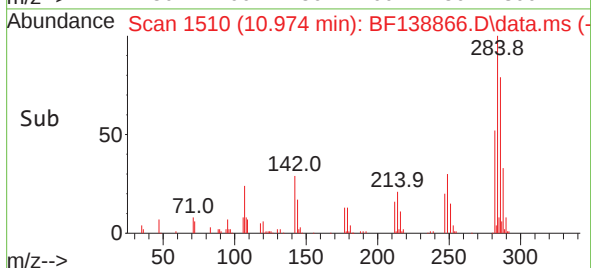
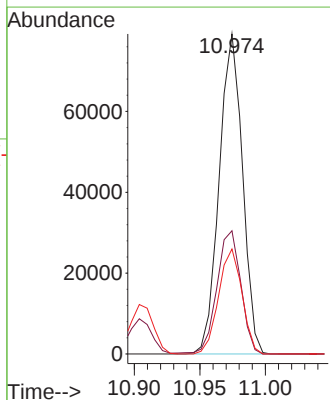
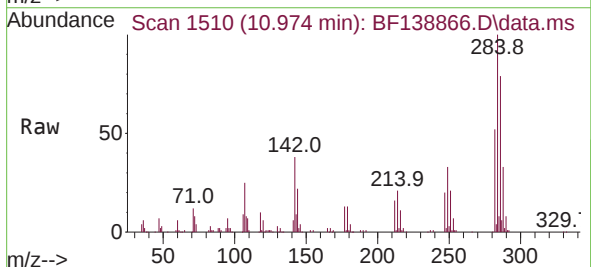
Manual Integrations
APPROVED

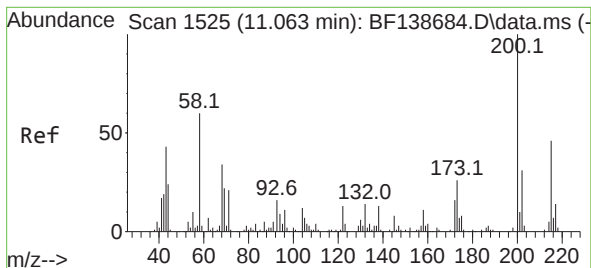
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#68
Hexachlorobenzene
Concen: 46.082 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:284 Resp: 97611
Ion Ratio Lower Upper
284 100
142 38.5 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 54.617 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

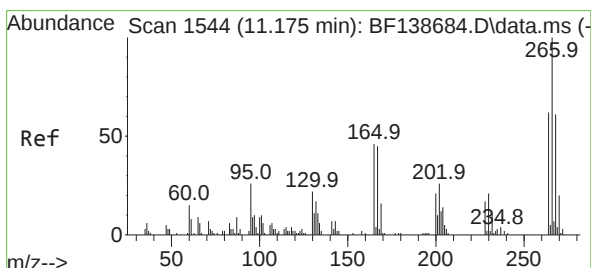
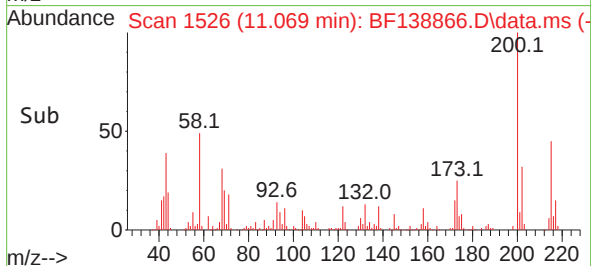
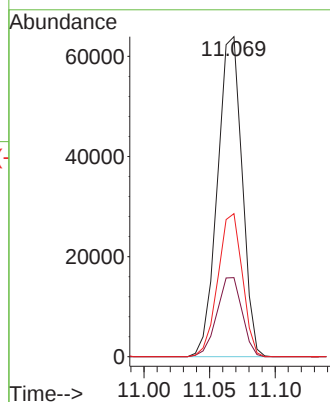
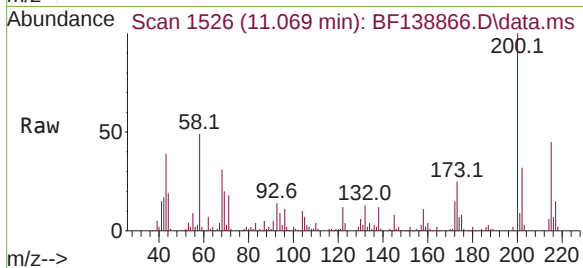
Tgt Ion:200 Resp: 8346
 Ion Ratio Lower Upper
 200 100
 173 24.7 6.0 46.0
 215 44.7 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#70

Pentachlorophenol

Concen: 74.046 ng

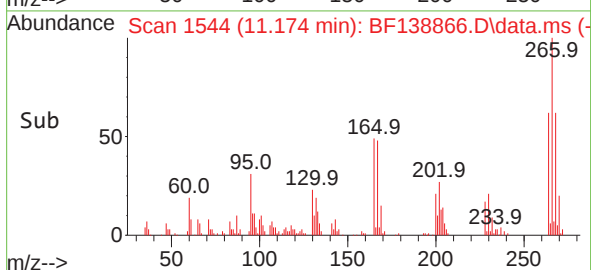
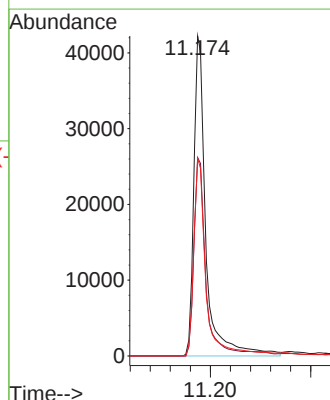
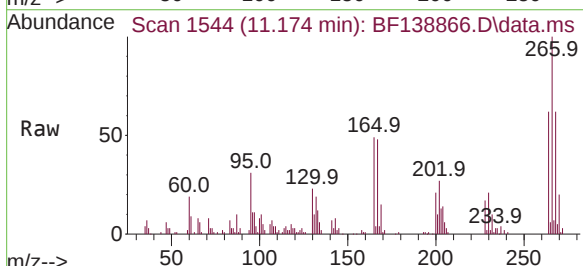
RT: 11.174 min Scan# 1544

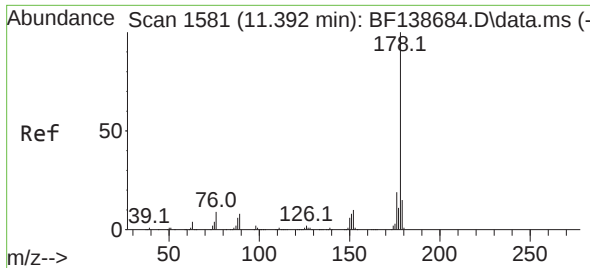
Delta R.T. -0.001 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Tgt Ion:266 Resp: 70697
 Ion Ratio Lower Upper
 266 100
 268 61.9 49.2 73.8
 264 61.8 49.8 74.6





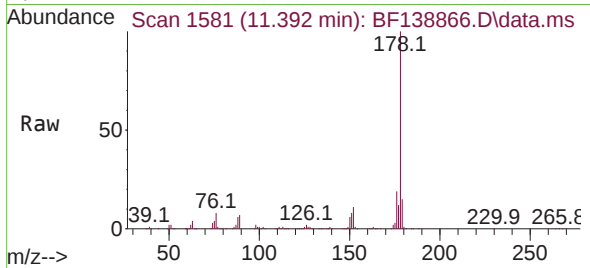
#71
Phenanthrene
Concen: 47.830 ng
RT: 11.392 min Scan# 11392
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS



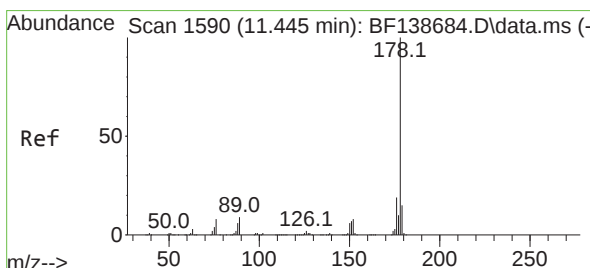
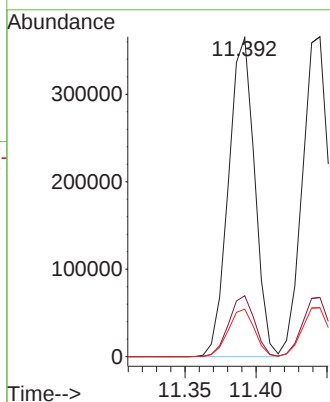
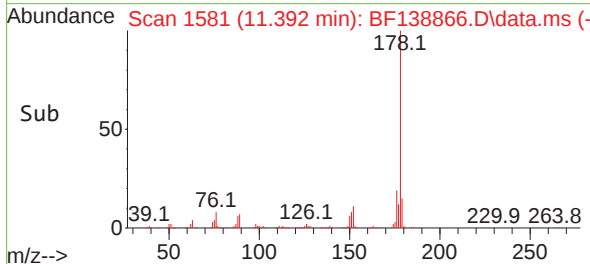
Tgt Ion:178 Resp: 466670
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.9 12.2 18.2

Manual Integrations

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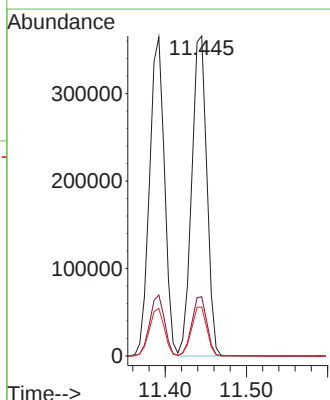
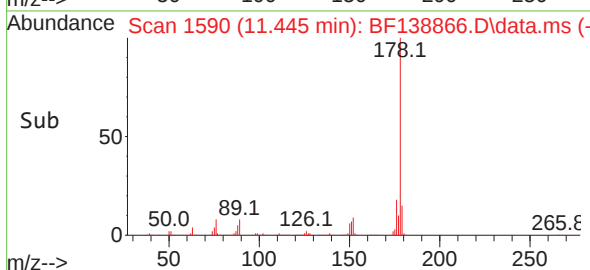
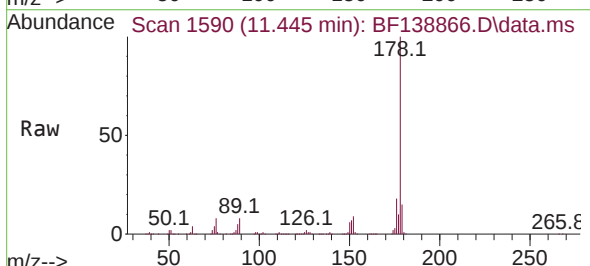
Reviewed By :Yogesh Patel 08/09/2024

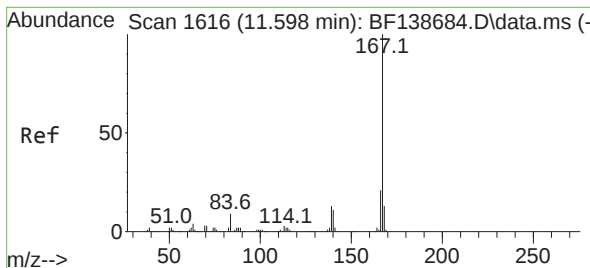
Supervised By :mohammad ahmed 08/09/2024



#72
Anthracene
Concen: 49.340 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:178 Resp: 474255
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.3 12.4 18.6





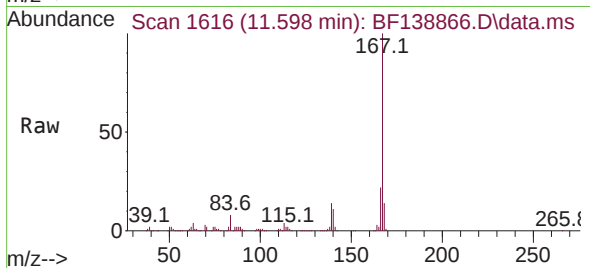
#73
 Carbazole
 Concen: 46.770 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138866.D
 Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

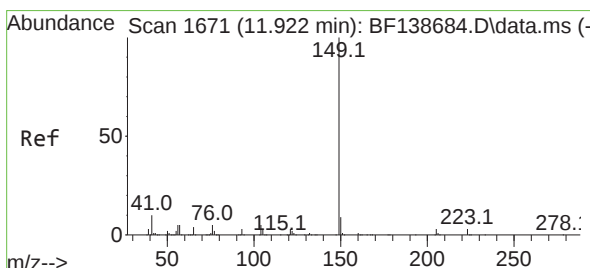
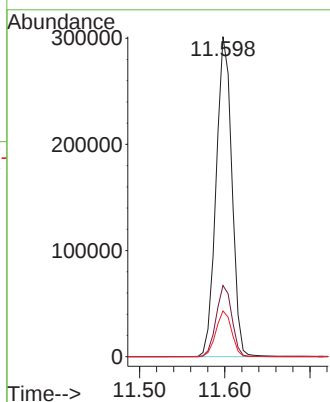
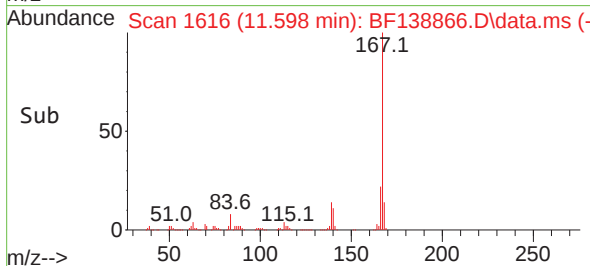


Tgt Ion:167 Resp: 387849
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.2 25.8
 139 14.3 10.6 16.0

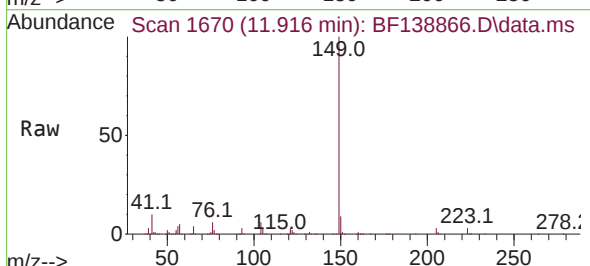
Manual Integrations

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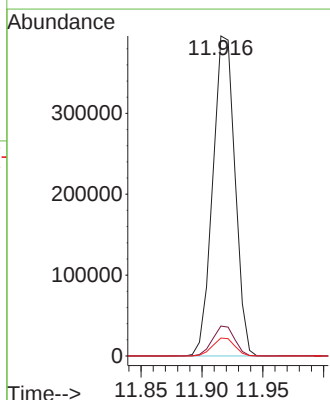
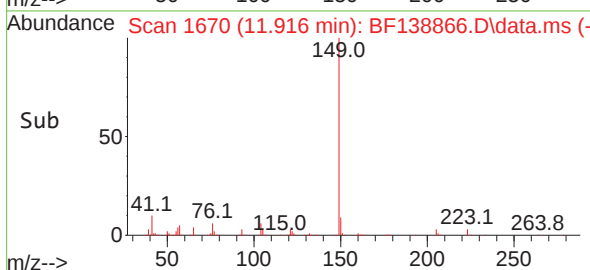
Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

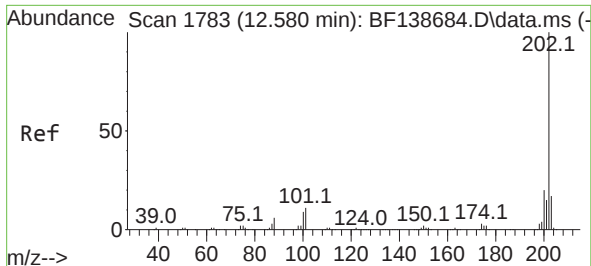


#74
 Di-n-butylphthalate
 Concen: 53.926 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138866.D
 Acq: 08 Aug 2024 15:22



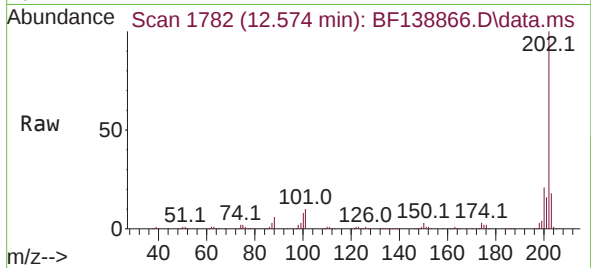
Tgt Ion:149 Resp: 502716
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 47.362 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

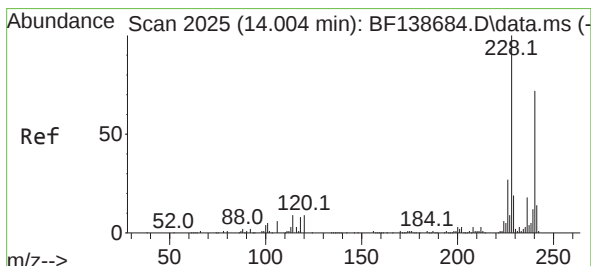
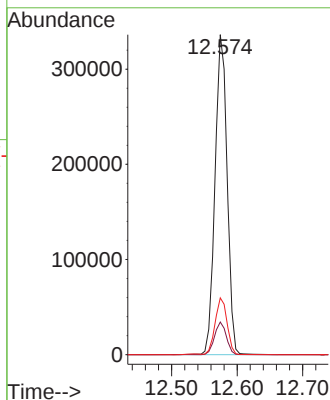
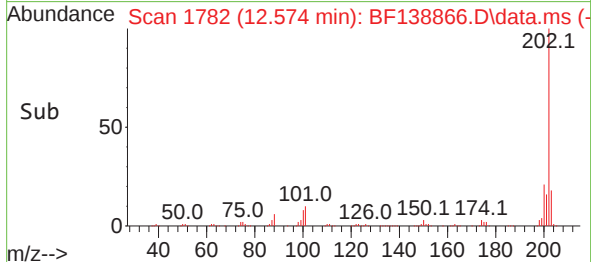
Instrument :
BNA_F
ClientSampleId :
PB162463BS



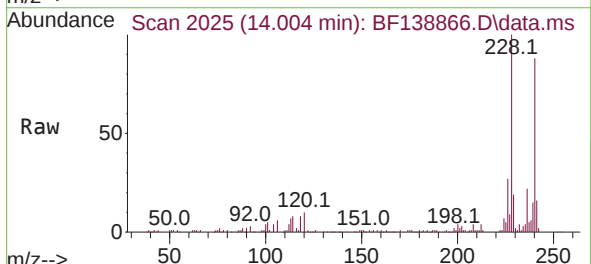
Tgt Ion:202 Resp: 43140
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.8 0.0 37.3

Manual Integrations
APPROVED

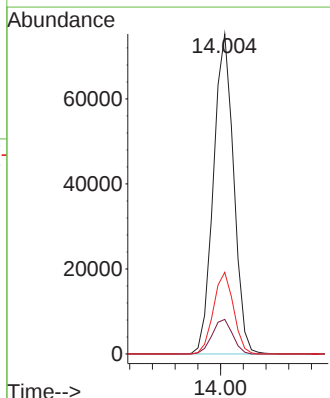
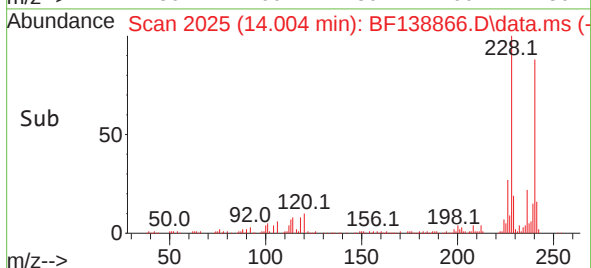
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

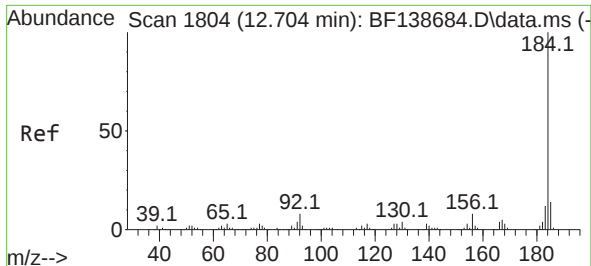


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



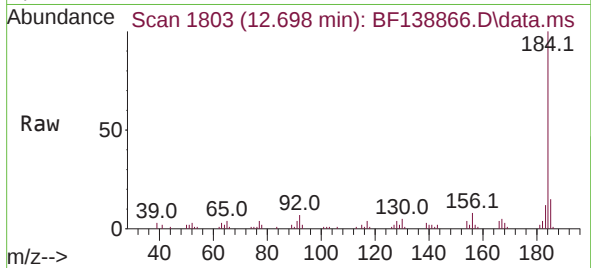
Tgt Ion:240 Resp: 93153
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 25.5 19.8 29.8





#77
Benzidine
Concen: 15.497 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

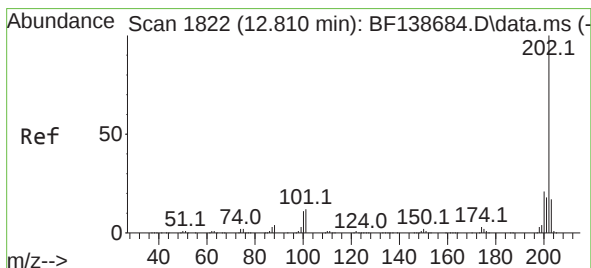
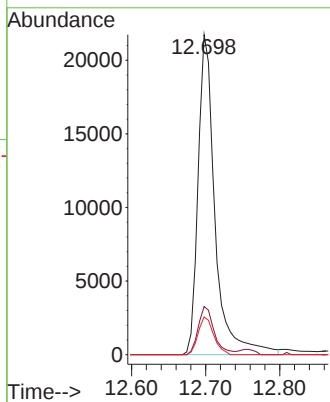
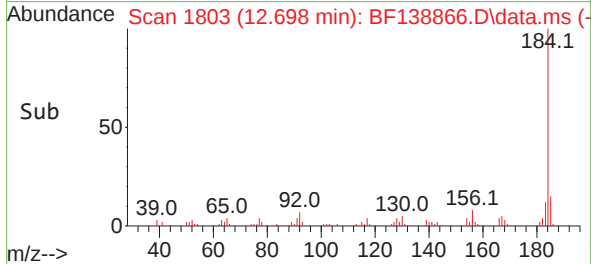
Instrument :
BNA_F
ClientSampleId :
PB162463BS



Tgt Ion:184 Resp: 34528
Ion Ratio Lower Upper
184 100
185 15.1 11.1 16.7
183 11.8 9.6 14.4

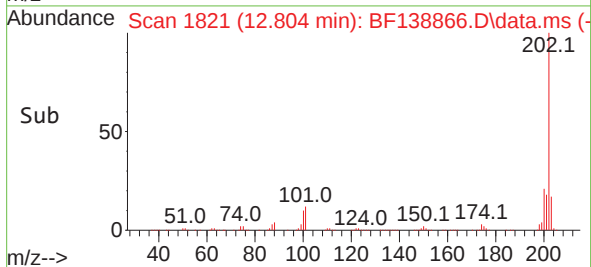
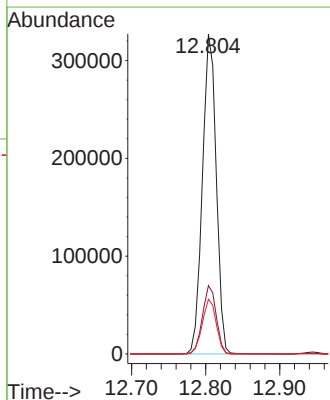
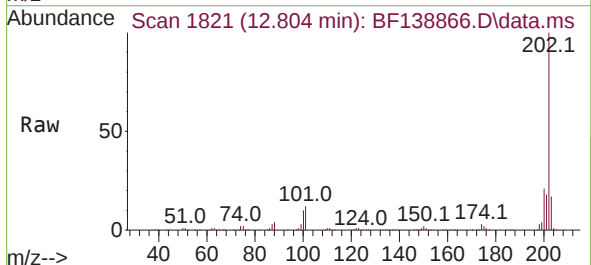
Manual Integrations
APPROVED

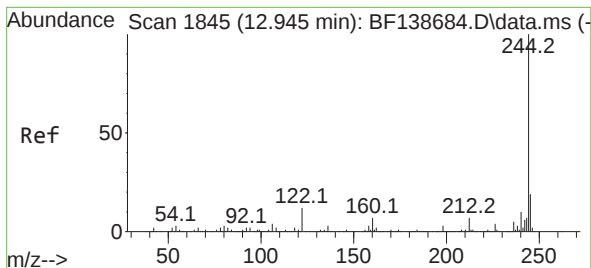
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#78
Pyrene
Concen: 48.325 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:202 Resp: 423839
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 110.401 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138866.D

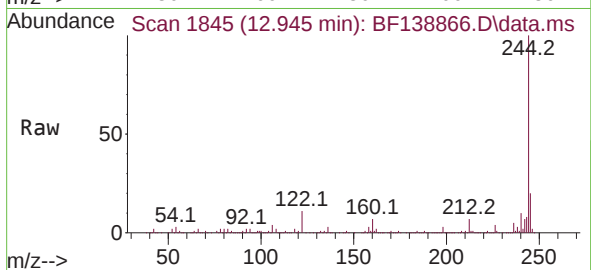
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

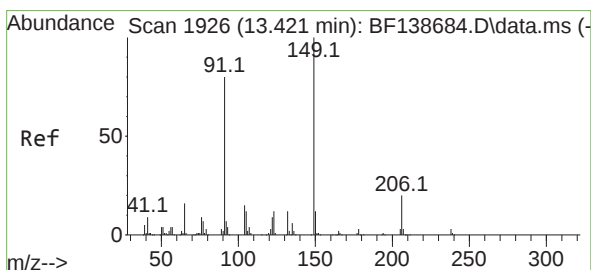
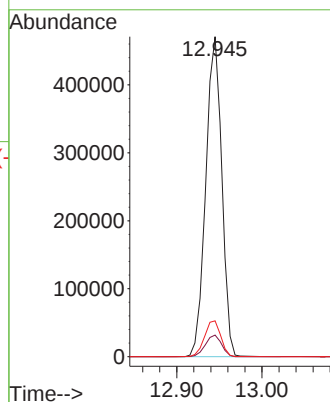
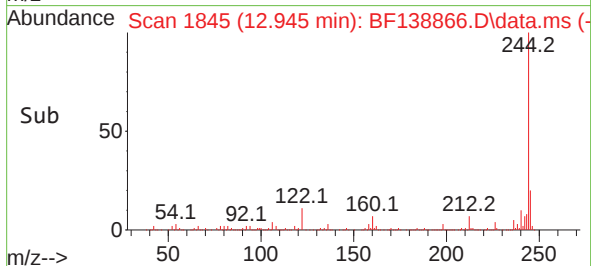


Tgt Ion:	244	Resp:	61425
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.2
122	11.2	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#80

Butylbenzylphthalate

Concen: 51.689 ng

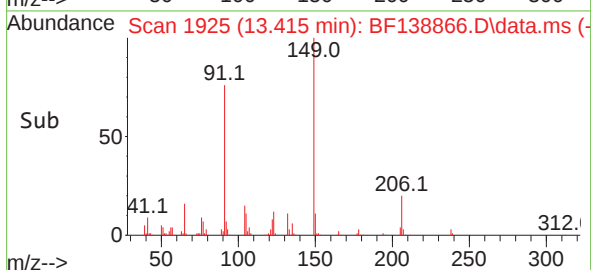
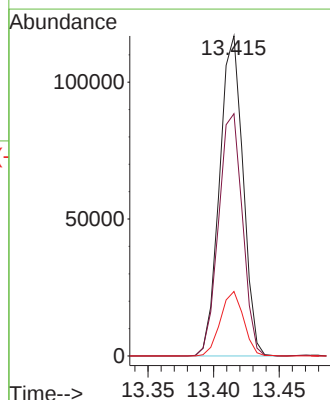
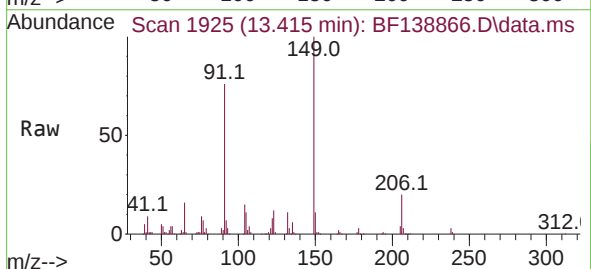
RT: 13.415 min Scan# 1925

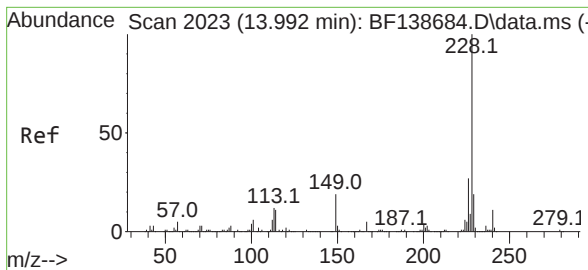
Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Tgt Ion:	149	Resp:	145173
Ion Ratio	Lower	Upper	
149	100		
91	75.7	63.7	95.5
206	20.1	16.2	24.2





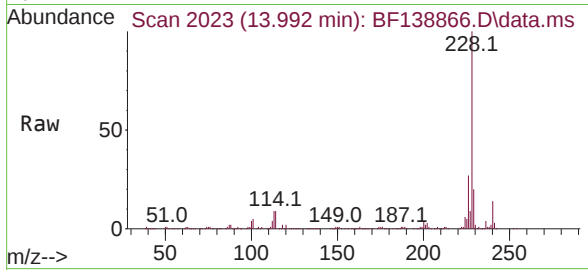
#81
Benzo(a)anthracene
Concen: 46.963 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

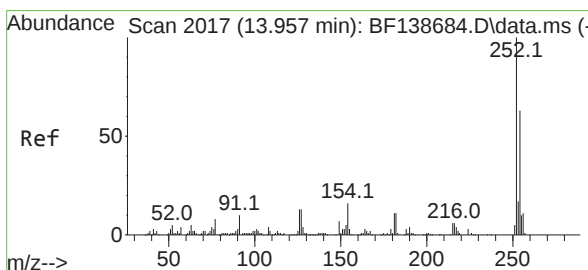
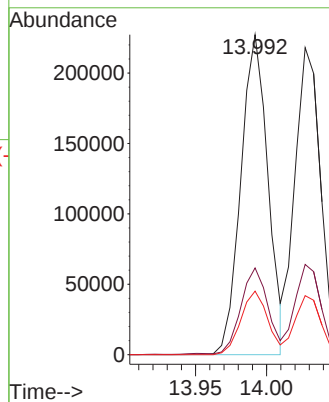
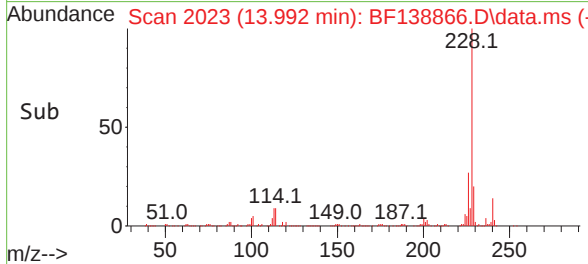


Tgt Ion:228 Resp: 30125
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.9 15.4 23.0

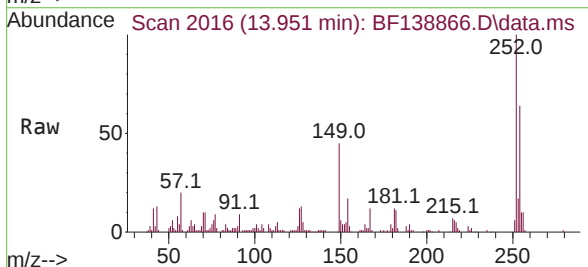
Manual Integrations

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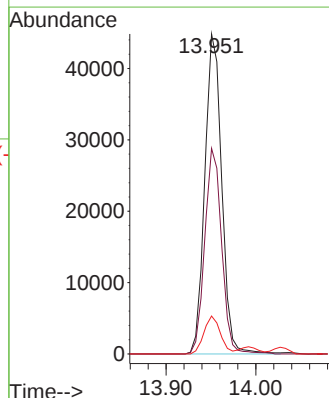
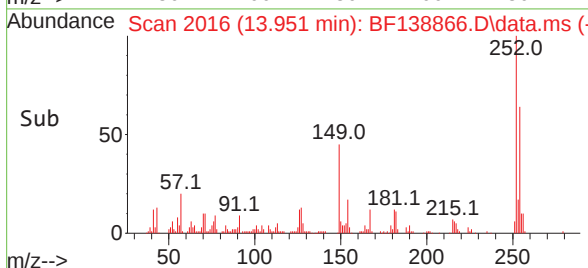
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

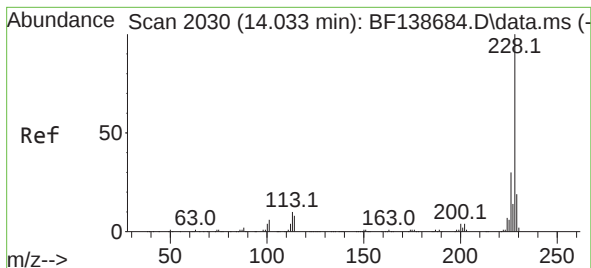


#82
3,3'-Dichlorobenzidine
Concen: 35.795 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:252 Resp: 58759
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 11.8 10.2 15.2





#83

Chrysene

Concen: 47.388 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

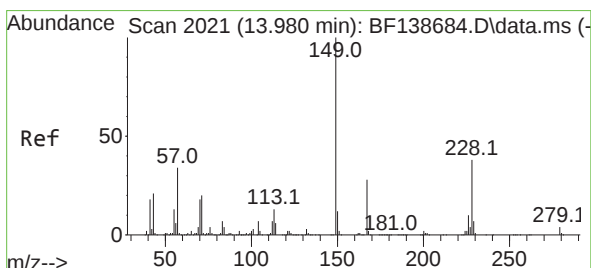
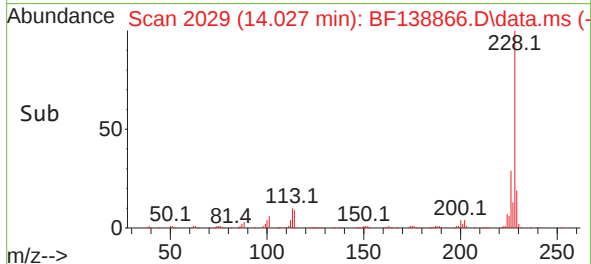
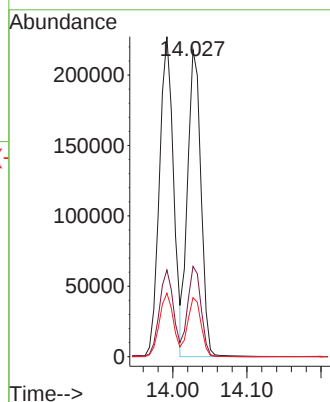
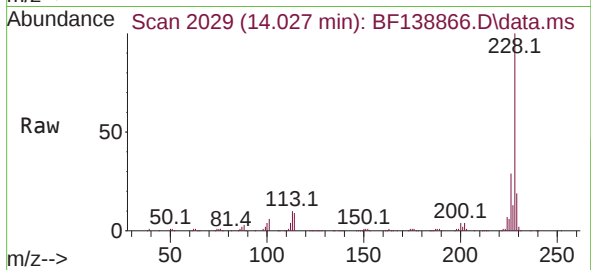
Tgt Ion:	228	Resp:	27424
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.7	35.5
229	19.2	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.974 ng

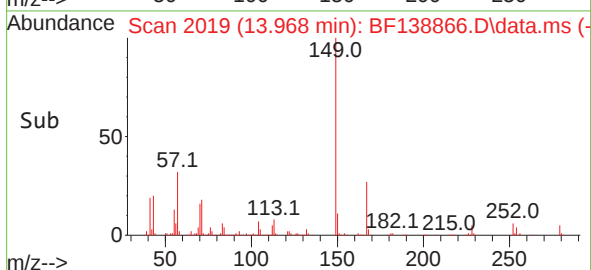
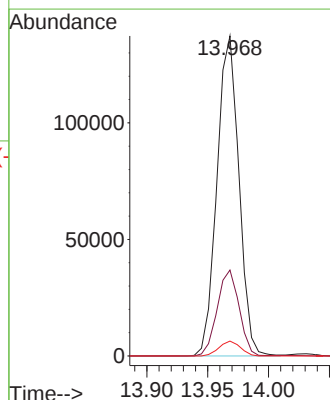
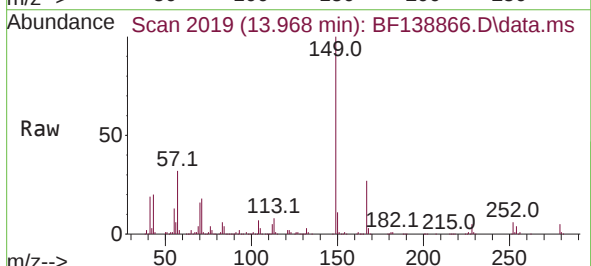
RT: 13.968 min Scan# 2019

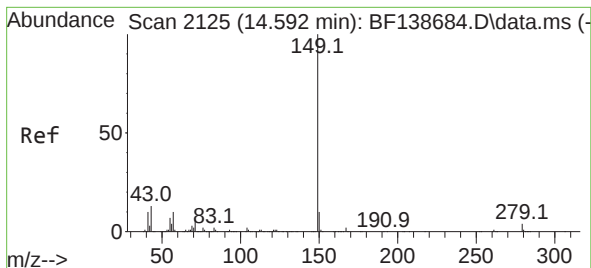
Delta R.T. -0.012 min

Lab File: BF138866.D

Acq: 08 Aug 2024 15:22

Tgt Ion:	149	Resp:	172629
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.2	33.4
279	4.7	3.4	5.0





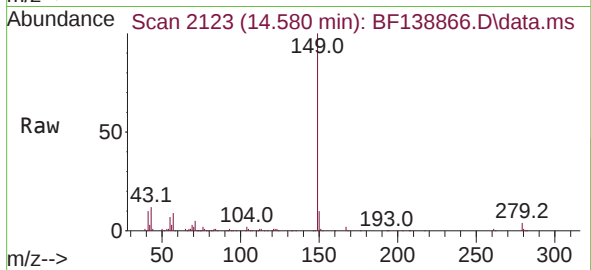
#85
Di-n-octyl phthalate
Concen: 37.193 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS

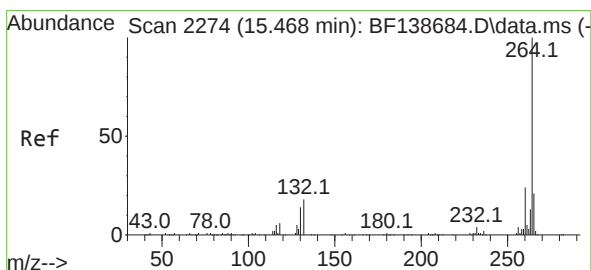
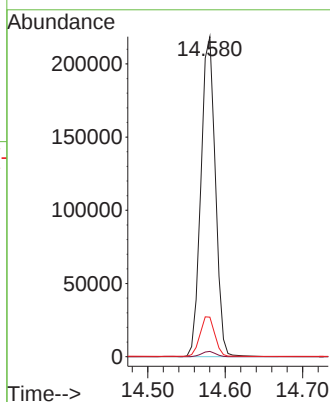
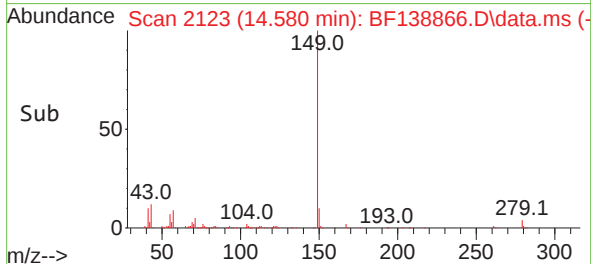


Tgt Ion:149 Resp: 283000
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.7 10.4 15.6

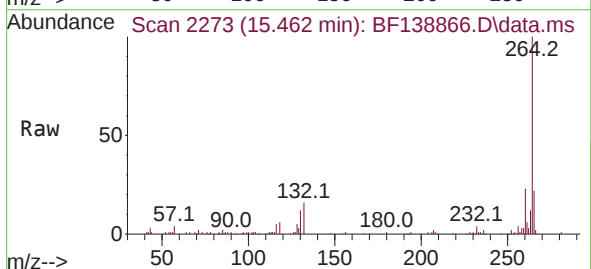
Manual Integrations

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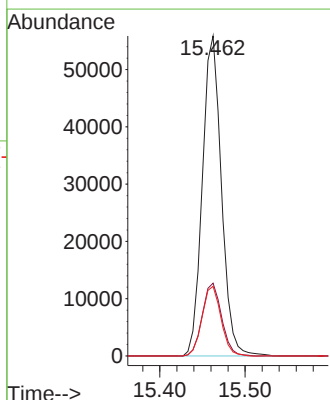
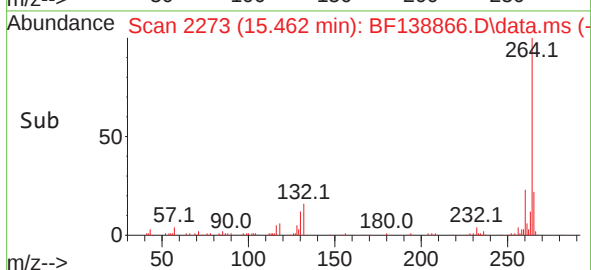
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

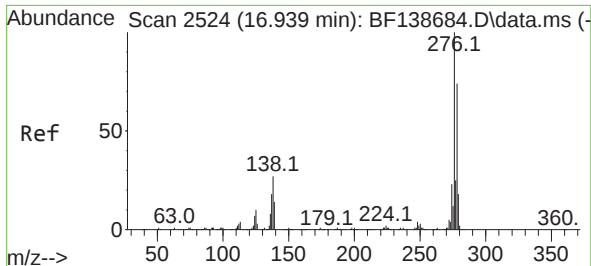


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:264 Resp: 86793
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.813 ng
RT: 16.939 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

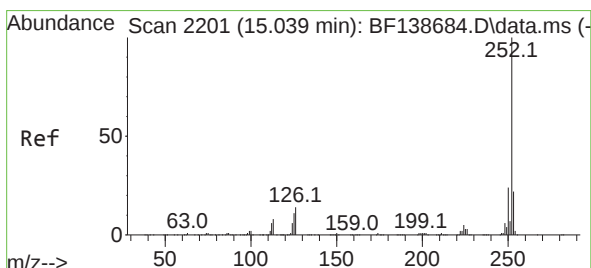
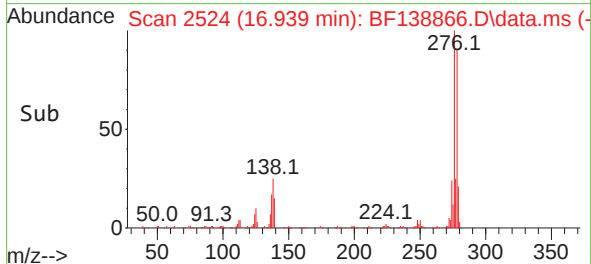
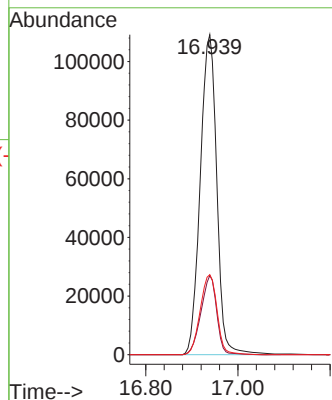
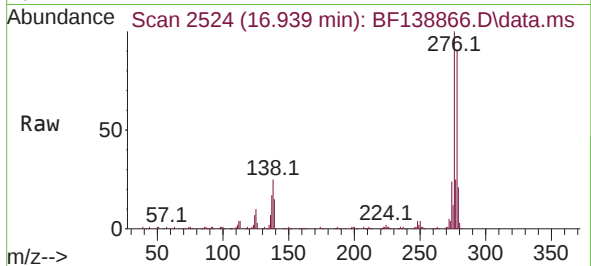
PB162463BS

Tgt Ion:276 Resp: 272510
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
277 25.4 20.6 30.8

Manual Integrations

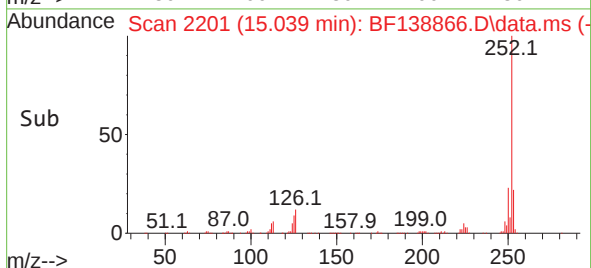
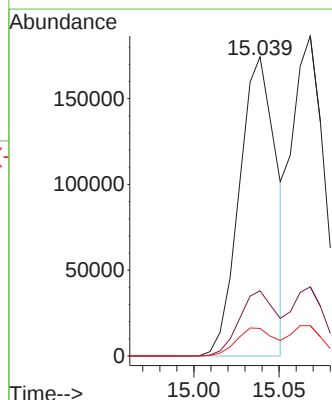
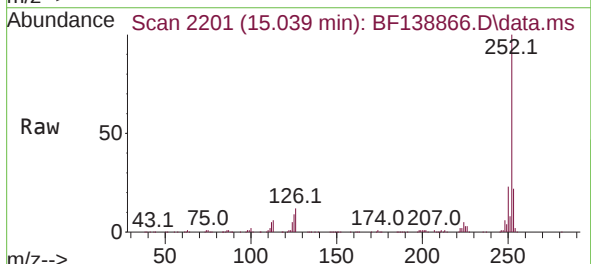
APPROVED

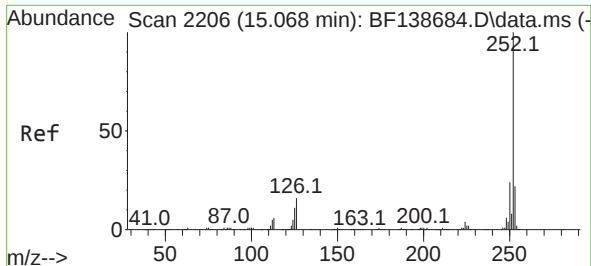
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#88
Benzo(b)fluoranthene
Concen: 48.420 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:252 Resp: 260514
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.2 8.9 13.3





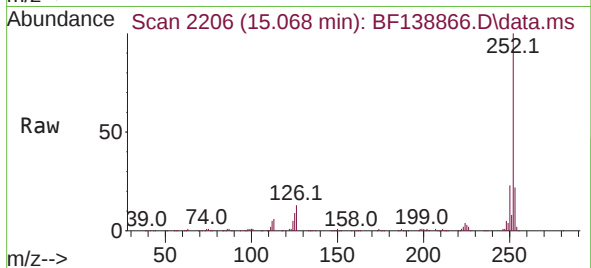
#89
Benzo(k)fluoranthene
Concen: 53.388 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB162463BS



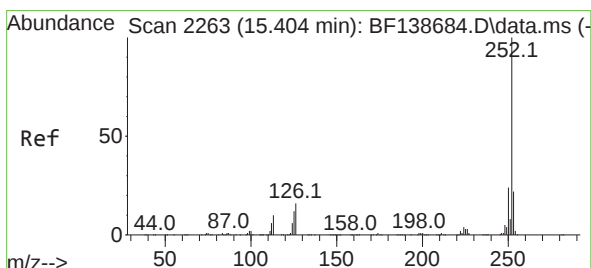
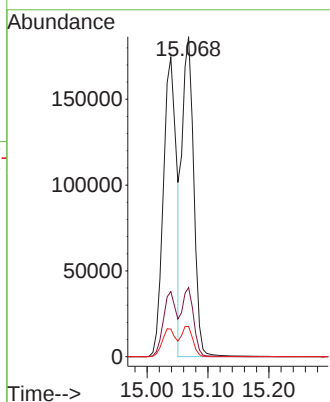
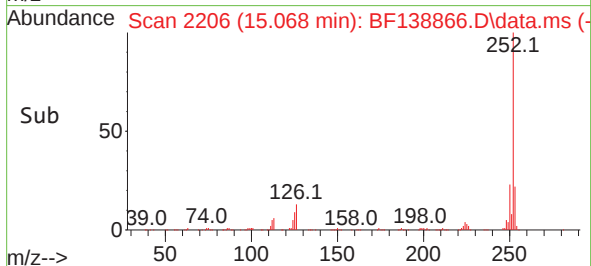
Tgt Ion:252 Resp: 248699
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.4 8.6 13.0

Manual Integrations

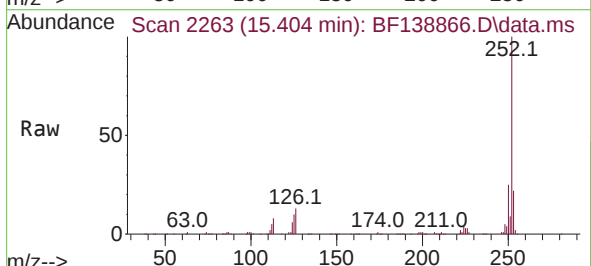
APPROVED

Reviewed By :Yogesh Patel 08/09/2024

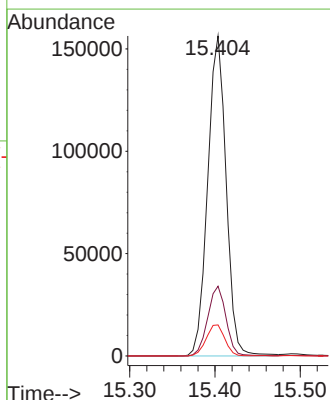
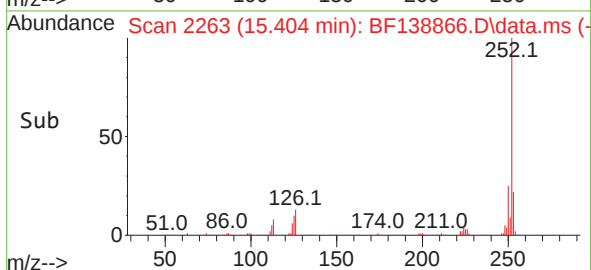
Supervised By :mohammad ahmed 08/09/2024

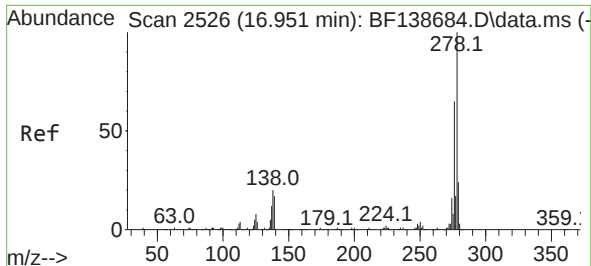


#90
Benzo(a)pyrene
Concen: 51.860 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22



Tgt Ion:252 Resp: 234700
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.7 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 43.165 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Instrument :

BNA_F

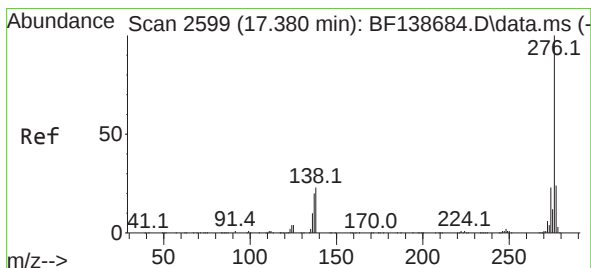
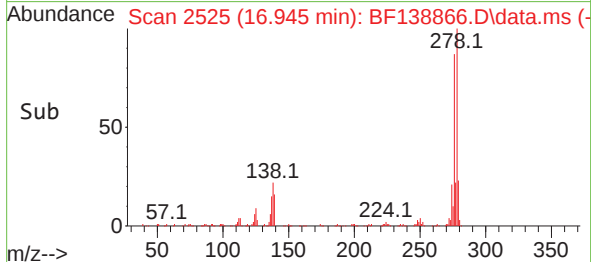
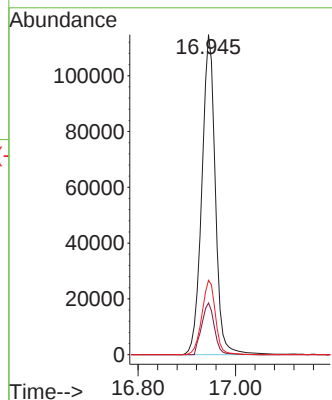
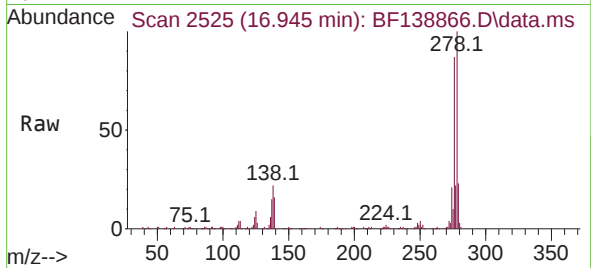
ClientSampleId :

PB162463BS

Tgt Ion:278 Resp: 22038
Ion Ratio Lower Upper
278 100
139 16.1 14.0 21.0
279 23.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#92
Benzo(g,h,i)perylene
Concen: 37.679 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138866.D
Acq: 08 Aug 2024 15:22

Tgt Ion:276 Resp: 199632
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 20.6 18.5 27.7

