

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138945.D
 Acq On : 12 Aug 2024 20:58
 Operator : RC/JU
 Sample : P3506-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4534MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 13 02:25:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	43510	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	180048	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	104155	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	181113	20.000	ng	0.00
76) Chrysene-d12	14.004	240	87039	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	78700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	481803	170.935	ng	0.03
7) Phenol-d6	6.498	99	630606	166.637	ng	0.01
23) Nitrobenzene-d5	7.410	82	431494	117.170	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	160633	188.278	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	776527	112.019	ng	0.00
79) Terphenyl-d14	12.945	244	741022	142.542	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.869	88	57114m	46.283	ng	
3) Pyridine	3.593	79	39989	13.377	ng	94
4) n-Nitrosodimethylamine	3.499	42	123055	69.117	ng	87
6) Aniline	6.516	93	58842	17.435	ng	# 1
8) 2-Chlorophenol	6.639	128	201291	67.877	ng	97
9) Benzaldehyde	6.410	77	2552	1.125	ng	96
10) Phenol	6.510	94	249616	62.648	ng	98
11) bis(2-Chloroethyl)ether	6.581	93	188784	61.570	ng	99
12) 1,3-Dichlorobenzene	6.781	146	198745	59.871	ng	98
13) 1,4-Dichlorobenzene	6.857	146	205567	61.363	ng	99
14) 1,2-Dichlorobenzene	7.010	146	192879	61.606	ng	99
15) Benzyl Alcohol	6.998	79	187454	68.727	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	314257	59.555	ng	# 50
17) 2-Methylphenol	7.110	107	160737	65.640	ng	# 84
18) Hexachloroethane	7.345	117	77947	61.812	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	159453	69.762	ng	99
20) 3+4-Methylphenols	7.263	107	219937	70.002	ng	# 88
22) Acetophenone	7.257	105	276088	62.627	ng	98
24) Nitrobenzene	7.428	77	231606	61.806	ng	99
25) Isophorone	7.669	82	419568	66.723	ng	98
26) 2-Nitrophenol	7.745	139	107359	66.591	ng	95
27) 2,4-Dimethylphenol	7.786	122	140485	72.829	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	241077	62.955	ng	99
29) 2,4-Dichlorophenol	7.992	162	171126	69.038	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	174186	60.894	ng	99
31) Naphthalene	8.145	128	587962	62.040	ng	100
32) Benzoic acid	7.951	122	92675	61.119	ng	94
33) 4-Chloroaniline	8.210	127	33692	10.591	ng	96
34) Hexachlorobutadiene	8.251	225	106535	61.489	ng	98
35) Caprolactam	8.598	113	40544m	54.818	ng	
36) 4-Chloro-3-methylphenol	8.698	107	197825	69.834	ng	98
37) 2-Methylnaphthalene	8.833	142	385876	64.470	ng	99
38) 1-Methylnaphthalene	8.933	142	361688	61.668	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	165225	57.106	ng	98
41) Hexachlorocyclopentadiene	8.981	237	116358	145.676	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	111831	63.393	ng	98

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Instrument :
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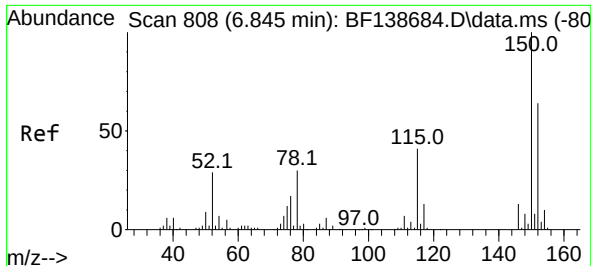
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	120447	62.456	ng	98
46) 1,1'-Biphenyl	9.298	154	465569	57.074	ng	99
47) 2-Chloronaphthalene	9.328	162	364755	60.123	ng	99
48) 2-Nitroaniline	9.433	65	128688	62.569	ng	100
49) Acenaphthylene	9.739	152	584193	67.893	ng	99
50) Dimethylphthalate	9.604	163	460491	69.145	ng	99
51) 2,6-Dinitrotoluene	9.675	165	96406	64.143	ng	91
52) Acenaphthene	9.910	154	357892	61.875	ng	99
53) 3-Nitroaniline	9.845	138	21698	13.965	ng	98
54) 2,4-Dinitrophenol	9.963	184	104160	150.547	ng	85
55) Dibenzofuran	10.086	168	527333	64.585	ng	99
56) 4-Nitrophenol	10.033	139	89654	95.953	ng	91
57) 2,4-Dinitrotoluene	10.080	165	133283	69.506	ng	# 81
58) Fluorene	10.427	166	431422	66.352	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	101585	68.900	ng	94
60) Diethylphthalate	10.304	149	450053	71.271	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	212129	66.336	ng	97
62) 4-Nitroaniline	10.463	138	75347m	51.029	ng	
63) Azobenzene	10.575	77	467778	66.791	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	74587	67.503	ng	98
66) n-Nitrosodiphenylamine	10.539	169	338925	59.868	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	124883	63.687	ng	98
68) Hexachlorobenzene	10.975	284	125000	61.740	ng	100
69) Atrazine	11.063	200	65624	44.930	ng	97
70) Pentachlorophenol	11.180	266	114300	125.248	ng	98
71) Phenanthrene	11.392	178	601565	64.505	ng	100
72) Anthracene	11.445	178	611705	66.582	ng	99
73) Carbazole	11.598	167	463816	58.516	ng	98
74) Di-n-butylphthalate	11.916	149	672570	75.481	ng	99
75) Fluoranthene	12.574	202	550120	63.187	ng	99
77) Benzidine	12.716	184	8577m	4.120	ng	
78) Pyrene	12.804	202	543470	66.317	ng	100
80) Butylbenzylphthalate	13.416	149	196131	74.738	ng	98
81) Benzo(a)anthracene	13.992	228	376821	62.870	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	20420	13.313	ng	98
83) Chrysene	14.033	228	345848	63.958	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	251324	65.401	ng	98
85) Di-n-octyl phthalate	14.574	149	399068	56.129	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	335211	59.435	ng	97
88) Benzo(b)fluoranthene	15.039	252	342951	70.297	ng	99
89) Benzo(k)fluoranthene	15.068	252	281851	66.726	ng	99
90) Benzo(a)pyrene	15.410	252	286494	69.815	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	276702	59.767	ng	97
92) Benzo(g,h,i)perylene	17.392	276	240603	50.082	ng	95

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



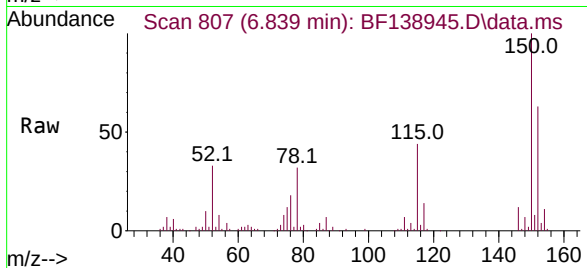
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF138945.D
 Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD

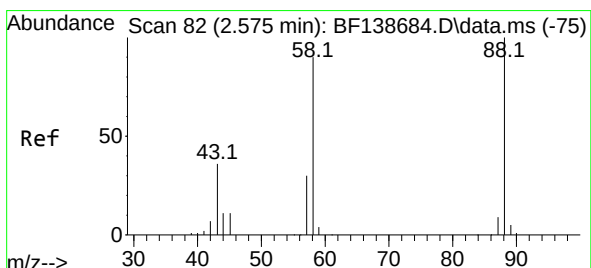
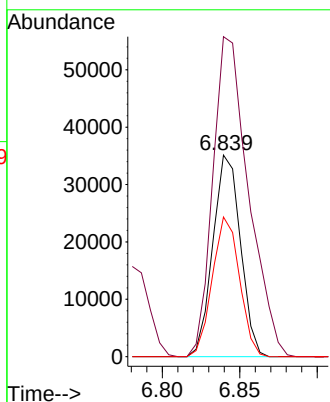
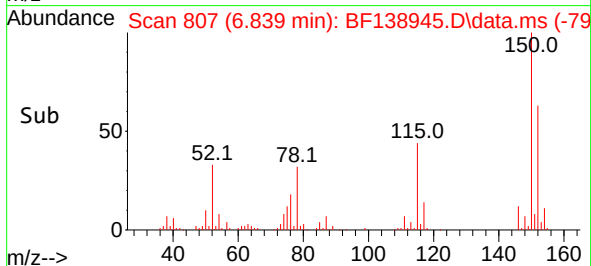


Tgt Ion:152 Resp: 43510
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.0 189.0
 115 69.2 51.7 77.5

Manual Integrations

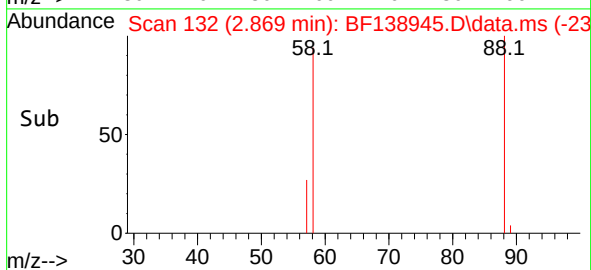
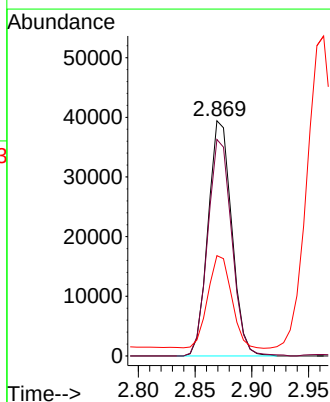
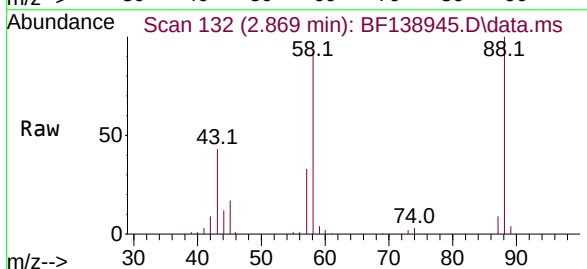
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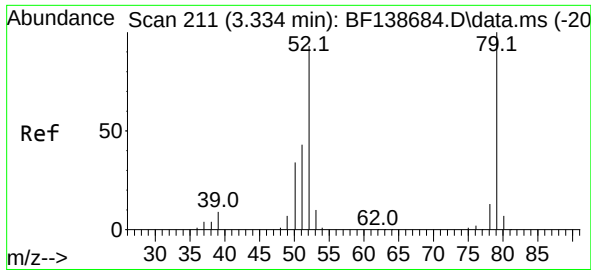
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#2
 1,4-Dioxane
 Concen: 46.283 ng m
 RT: 2.869 min Scan# 132
 Delta R.T. 0.294 min
 Lab File: BF138945.D
 Acq: 12 Aug 2024 20:58

Tgt Ion: 88 Resp: 57114
 Ion Ratio Lower Upper
 88 100
 58 10.0 71.6 107.4#
 43 0.0 28.7 43.1#





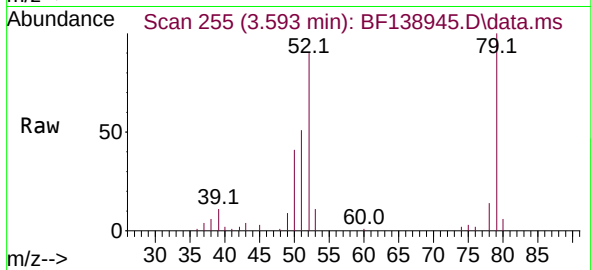
#3
Pyridine
Concen: 13.377 ng
RT: 3.593 min Scan# 211
Delta R.T. 0.259 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD

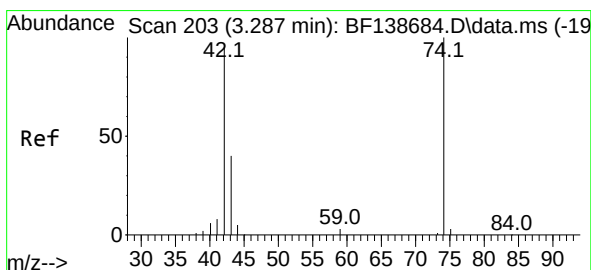
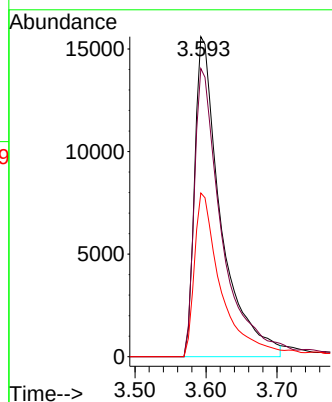
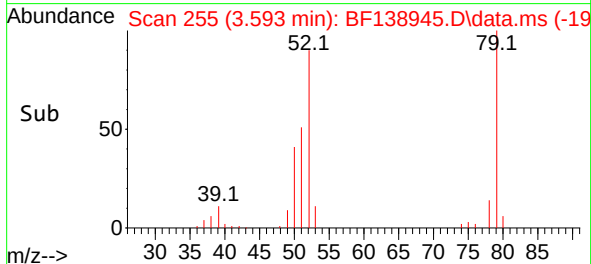


Tgt Ion: 79 Resp: 3998
Ion Ratio Lower Upper
79 100
52 90.0 74.7 112.1
51 51.2 34.6 51.8

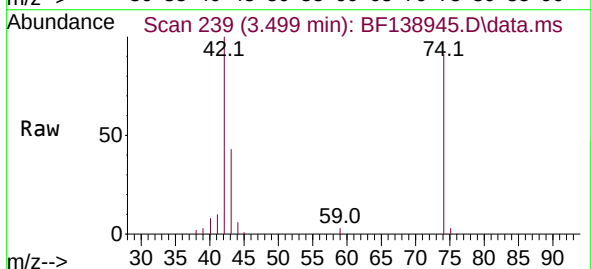
Manual Integrations

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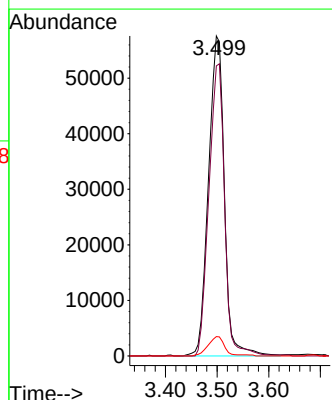
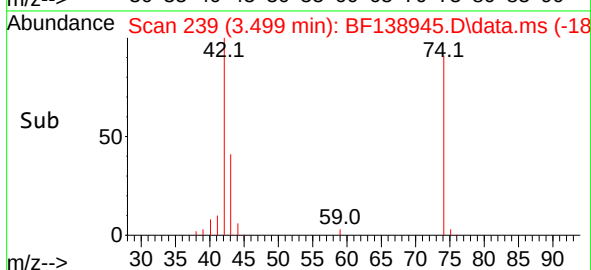
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

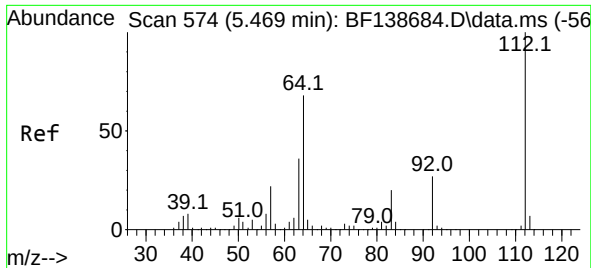


#4
n-Nitrosodimethylamine
Concen: 69.117 ng
RT: 3.499 min Scan# 239
Delta R.T. 0.212 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



Tgt Ion: 42 Resp: 123055
Ion Ratio Lower Upper
42 100
74 90.6 84.2 126.4
44 6.1 4.9 7.3





#5
2-Fluorophenol
Concen: 170.935 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD

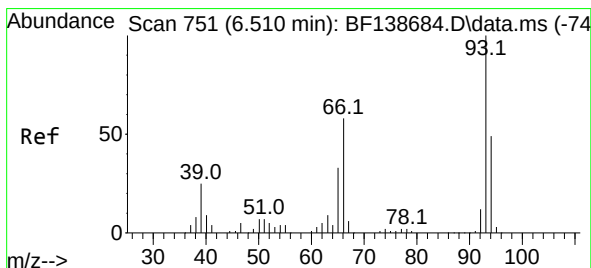
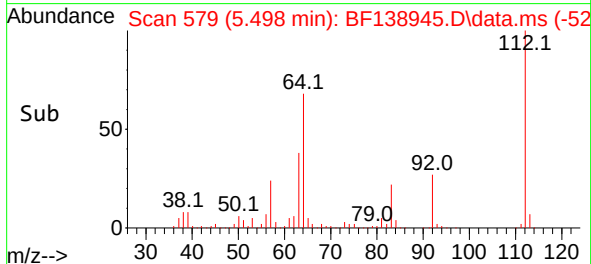
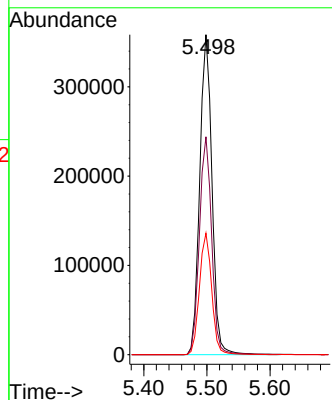
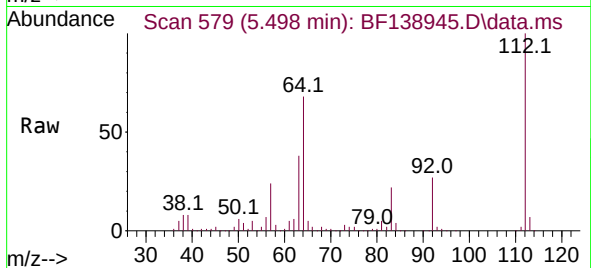
Tgt Ion:112 Resp: 48180
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.4
63 37.9 28.7 43.1

Manual Integrations

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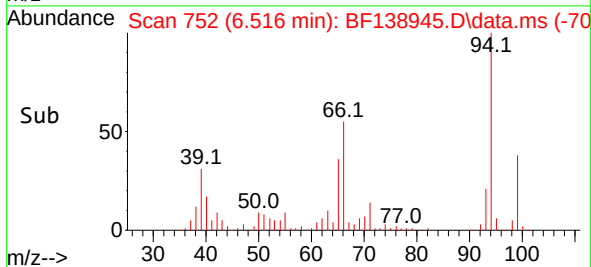
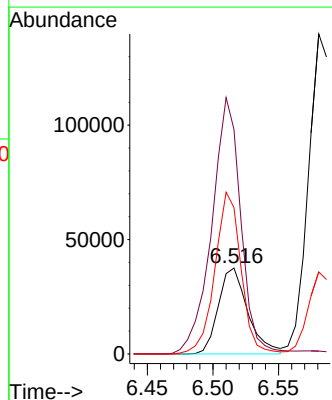
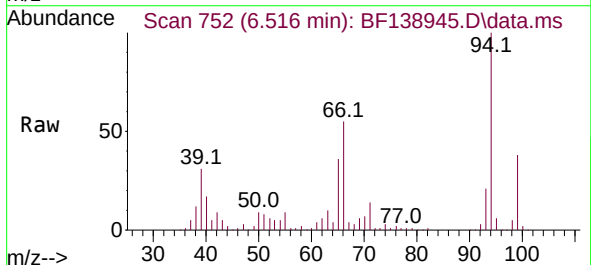
Reviewed By :Yogesh Patel 08/13/2024

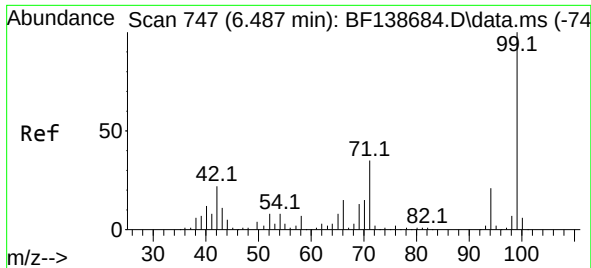
Supervised By :mohammad ahmed 08/13/2024



#6
Aniline
Concen: 17.435 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

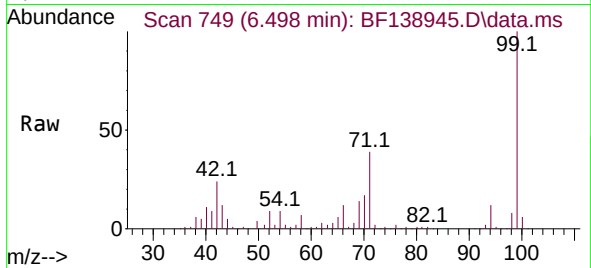
Tgt Ion: 93 Resp: 58842
Ion Ratio Lower Upper
93 100
66 261.4 46.9 70.3#
65 170.4 26.5 39.7#





#7
Phenol-d6
Concen: 166.637 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

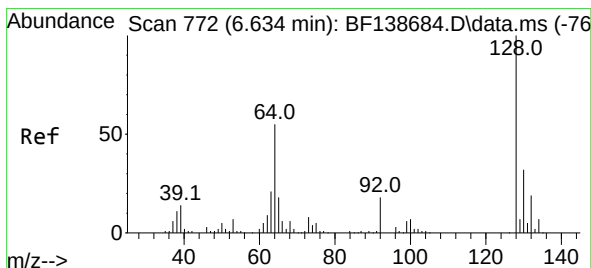
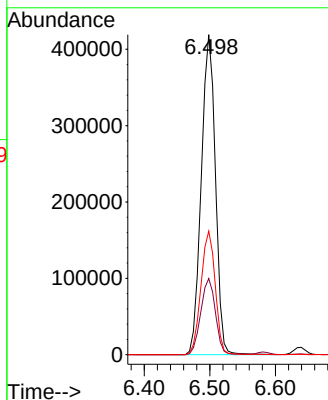
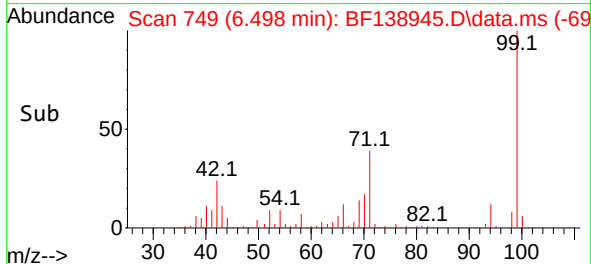
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



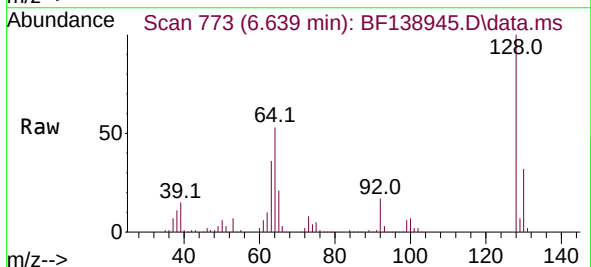
Tgt Ion: 99 Resp: 630600
Ion Ratio Lower Upper
99 100
42 23.8 17.4 26.0
71 38.6 28.1 42.1

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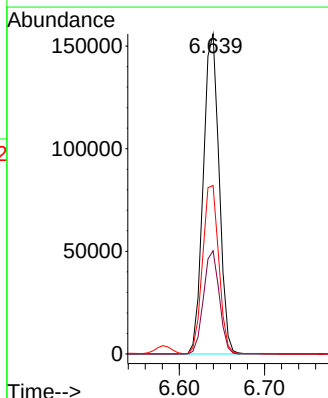
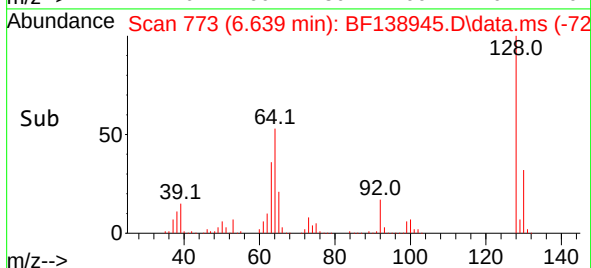
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

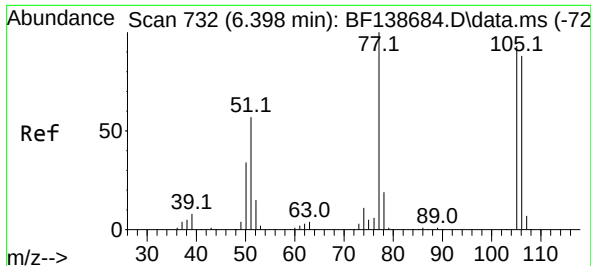


#8
2-Chlorophenol
Concen: 67.877 ng
RT: 6.639 min Scan# 773
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



Tgt Ion:128 Resp: 201291
Ion Ratio Lower Upper
128 100
130 32.3 12.0 52.0
64 52.7 36.3 76.3





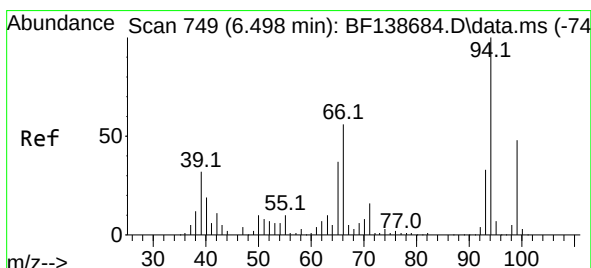
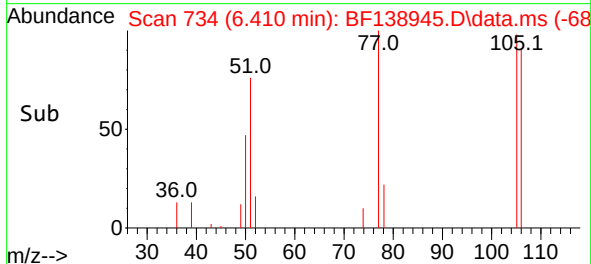
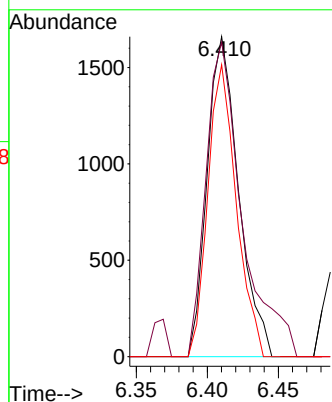
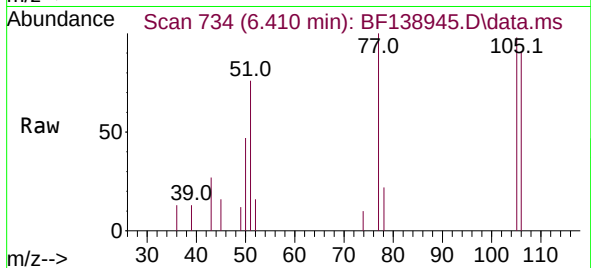
#9
Benzaldehyde
Concen: 1.125 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :
BNA_F
ClientSampleId :
RT4534MSD

Tgt Ion: 77 Resp: 255
Ion Ratio Lower Upper
77 100
105 98.4 72.9 112.9
106 91.2 68.4 108.4

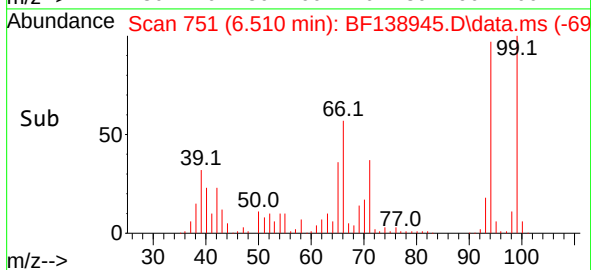
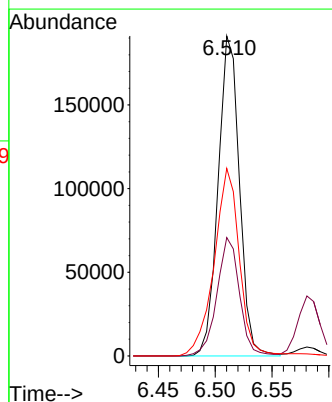
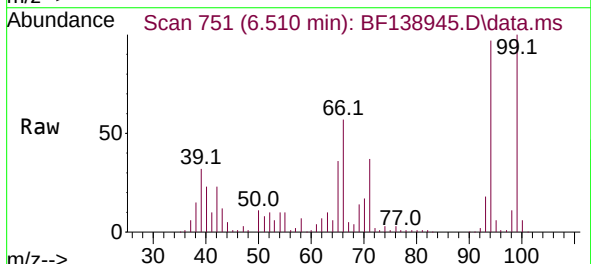
Manual Integrations
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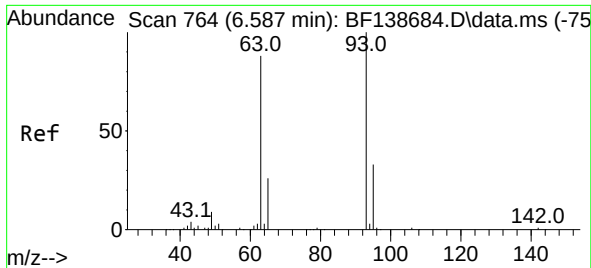
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Phenol
Concen: 62.648 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion: 94 Resp: 249616
Ion Ratio Lower Upper
94 100
65 37.0 16.9 56.9
66 58.6 36.5 76.5





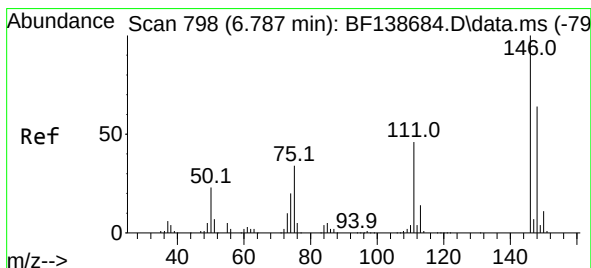
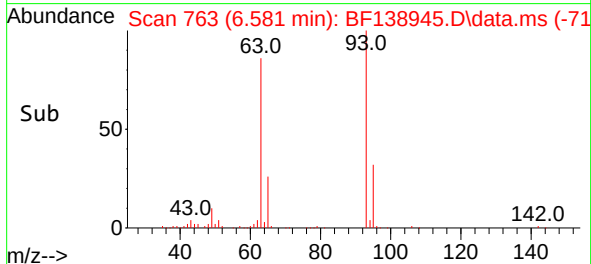
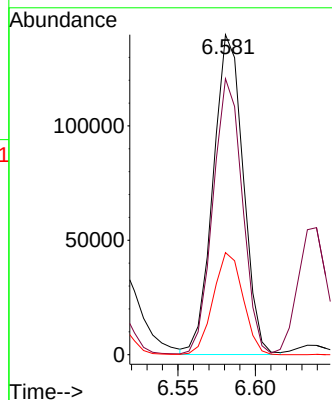
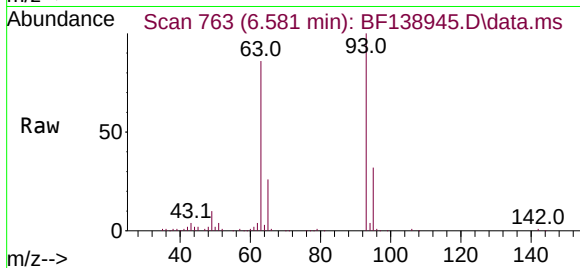
#11
bis(2-Chloroethyl)ether
Concen: 61.570 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :
BNA_F
ClientSampleId :
RT4534MSD

Tgt Ion: 93 Resp: 188784
Ion Ratio Lower Upper
93 100
63 86.2 65.3 105.3
95 31.9 12.4 52.4

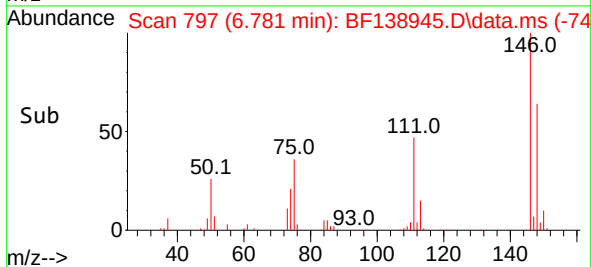
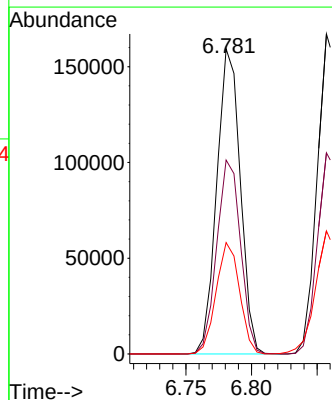
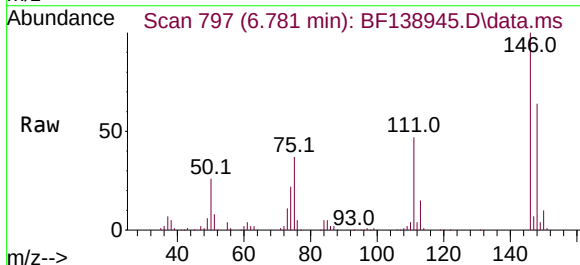
Manual Integrations
APPROVED

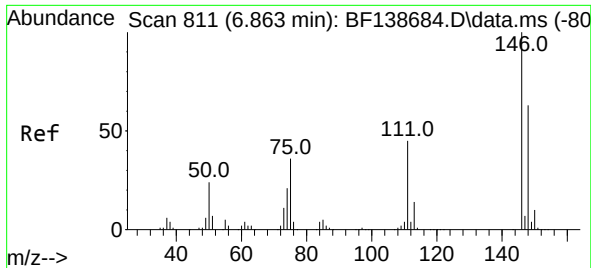
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#12
1,3-Dichlorobenzene
Concen: 59.871 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

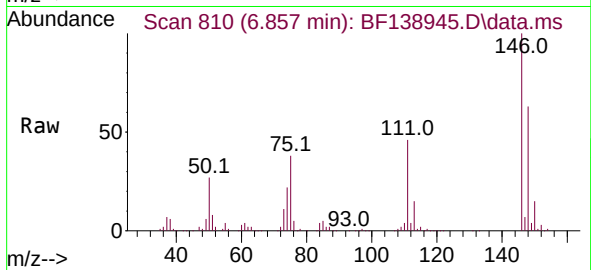
Tgt Ion:146 Resp: 198745
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 36.5 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 61.363 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

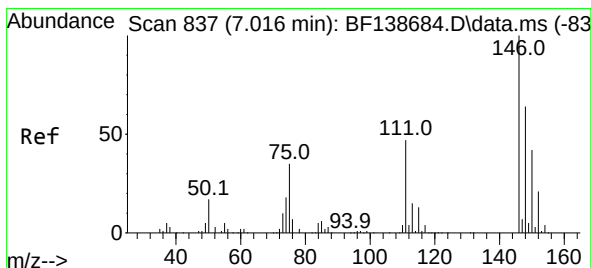
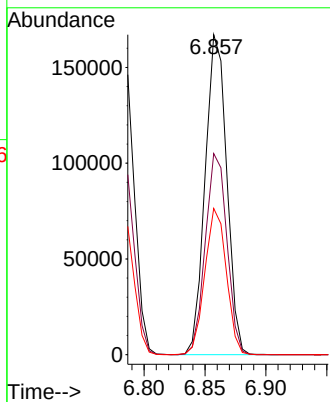
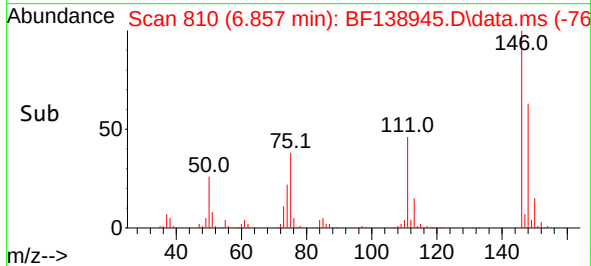
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



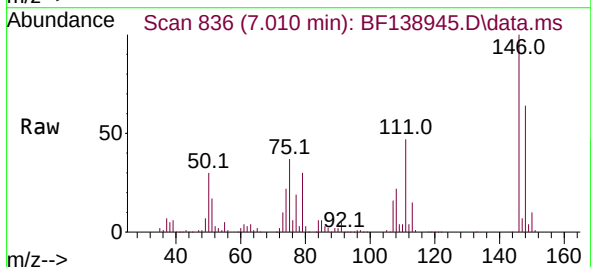
Tgt Ion:146 Resp: 20556
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
111 45.7 35.9 53.9

Manual Integrations
APPROVED

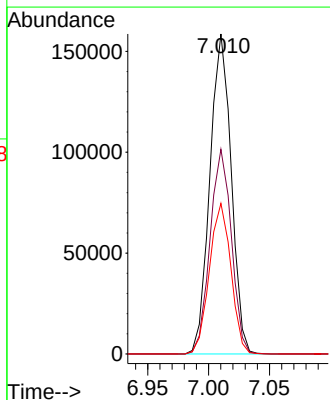
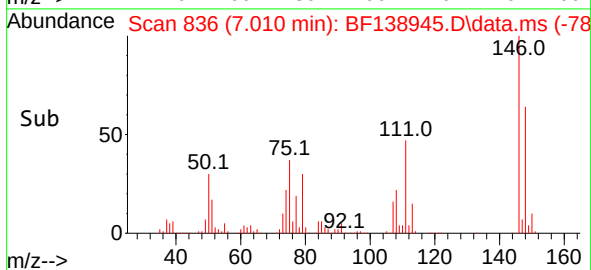
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

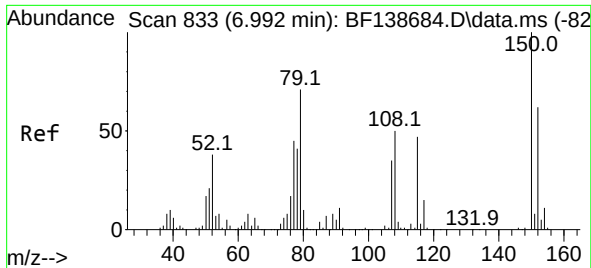


#14
1,2-Dichlorobenzene
Concen: 61.606 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



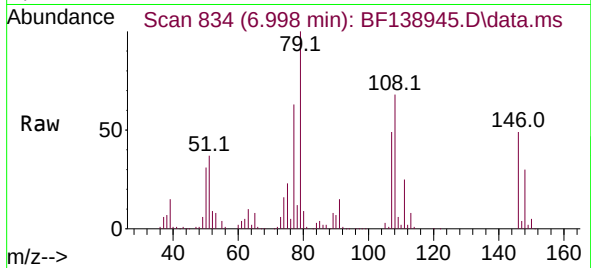
Tgt Ion:146 Resp: 192879
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 47.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 68.727 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

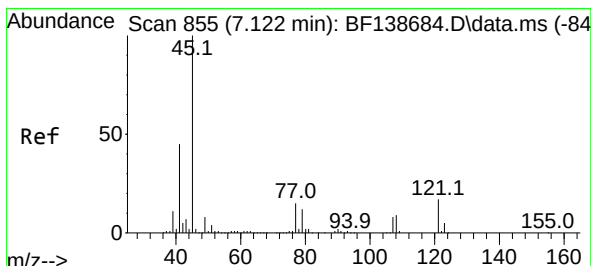
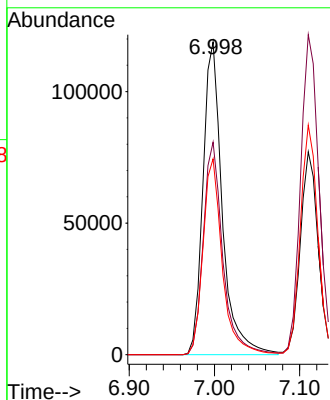
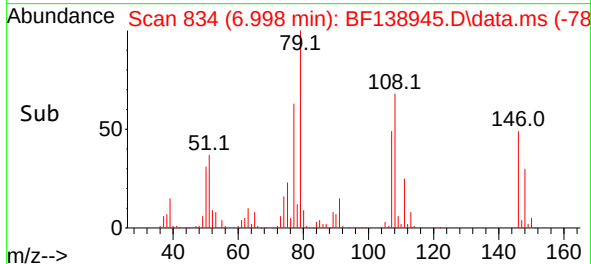
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion: 79 Resp: 187454
Ion Ratio Lower Upper
79 100
108 67.9 56.6 85.0
77 62.6 50.3 75.5

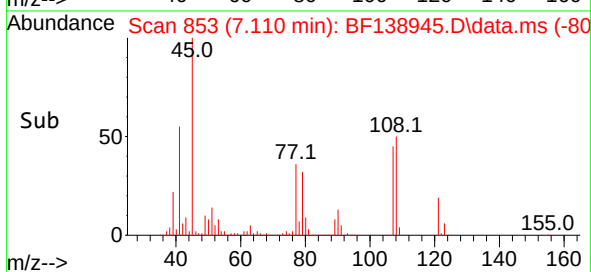
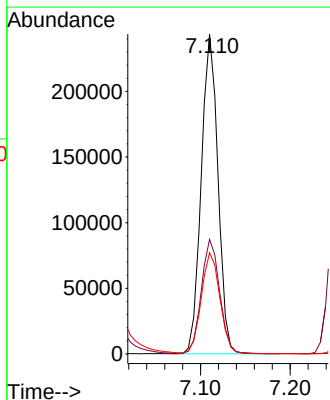
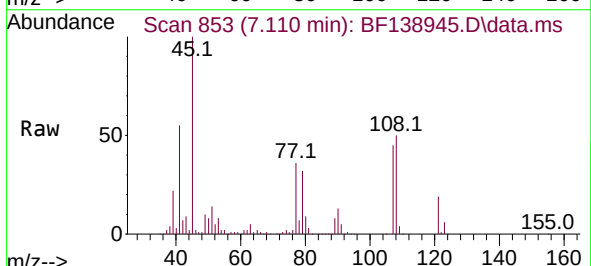
Manual Integrations
APPROVED

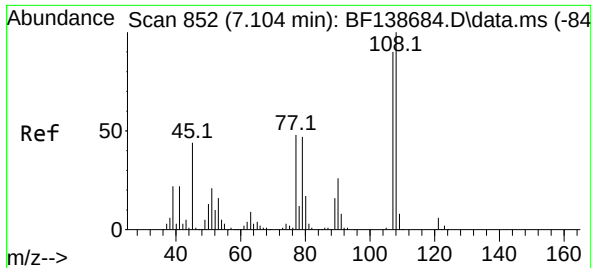
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.555 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

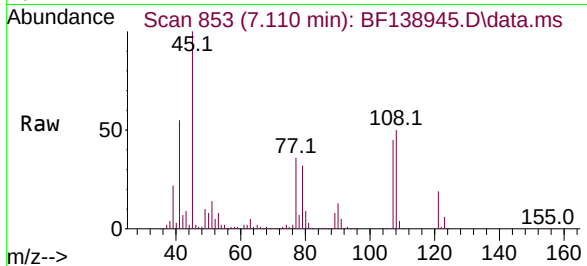
Tgt Ion: 45 Resp: 314257
Ion Ratio Lower Upper
45 100
77 35.8 0.0 34.9#
79 31.6 0.0 32.2





#17
2-Methylphenol
Concen: 65.640 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

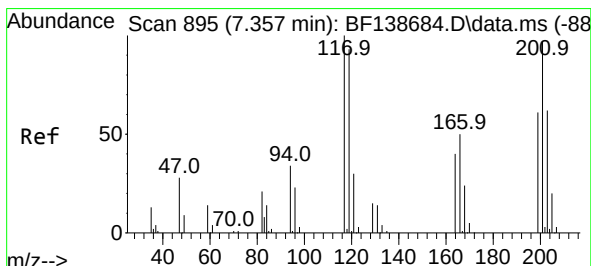
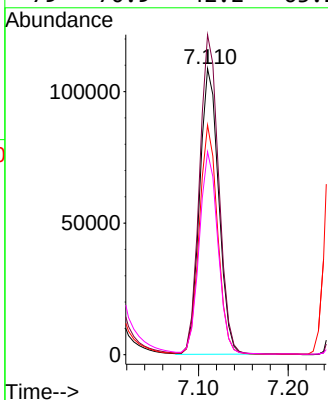
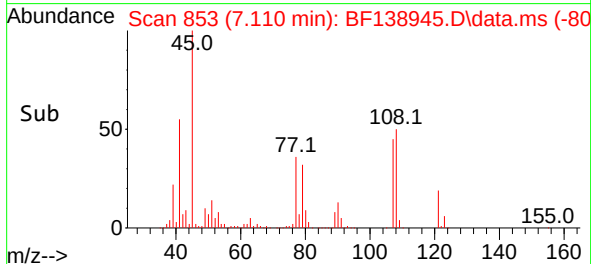
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:107 Resp: 16073
Ion Ratio Lower Upper
107 100
108 111.8 89.2 133.8
77 80.3 43.0 64.4
79 70.9 42.2 63.2#

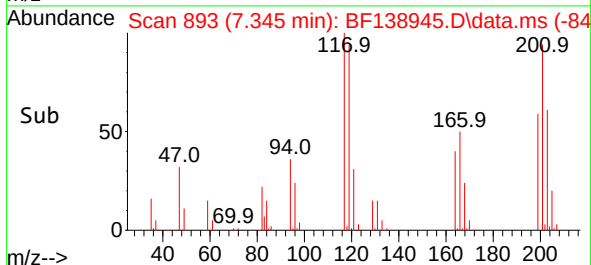
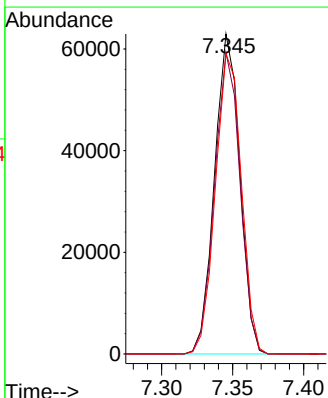
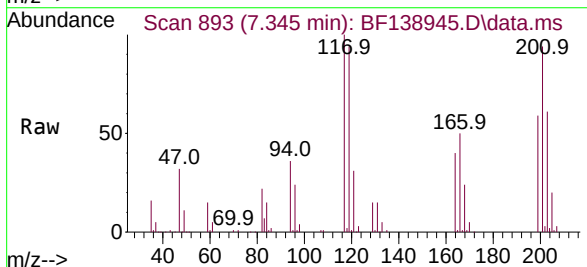
Manual Integrations
APPROVED

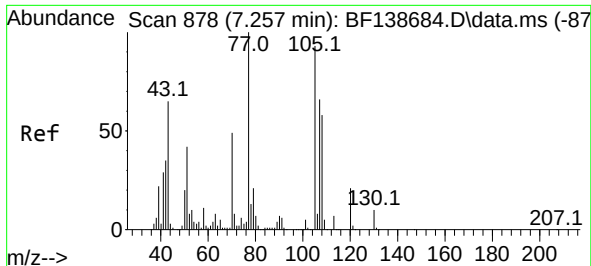
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#18
Hexachloroethane
Concen: 61.812 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:117 Resp: 77947
Ion Ratio Lower Upper
117 100
119 94.2 74.6 111.8
201 93.8 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 69.762 ng

RT: 7.263 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF138945.D

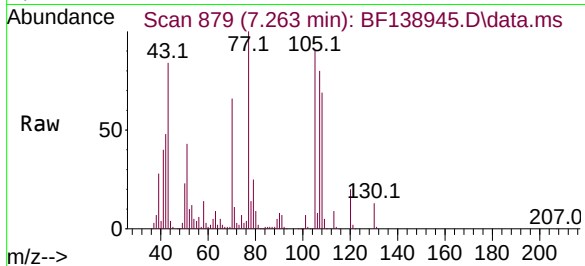
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD



Tgt Ion: 70 Resp: 15945

Ion Ratio Lower Upper

70 100

42 72.6 57.4 86.0

101 10.0 7.5 11.3

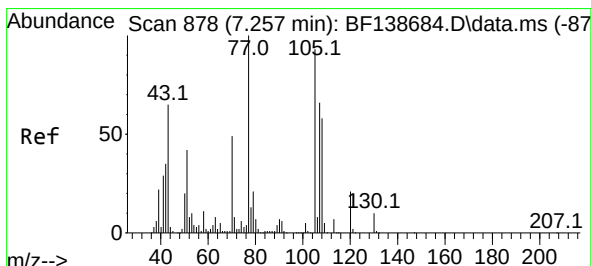
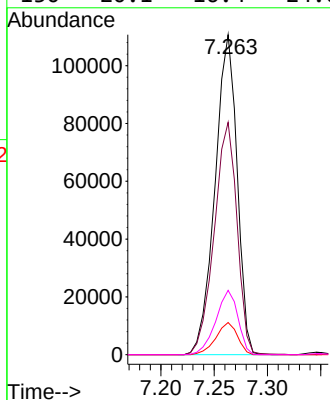
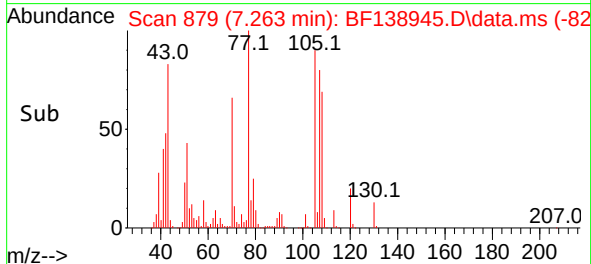
130 20.1 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#20

3+4-Methylphenols

Concen: 70.002 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

Tgt Ion:107 Resp: 219937

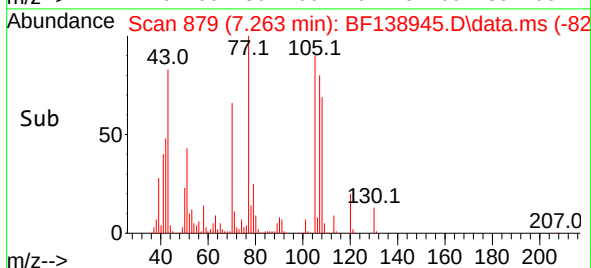
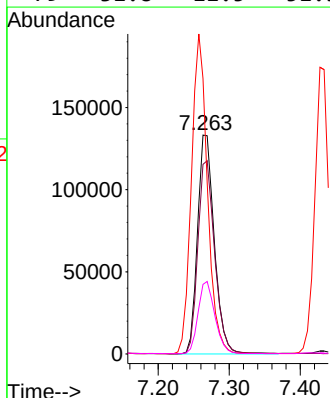
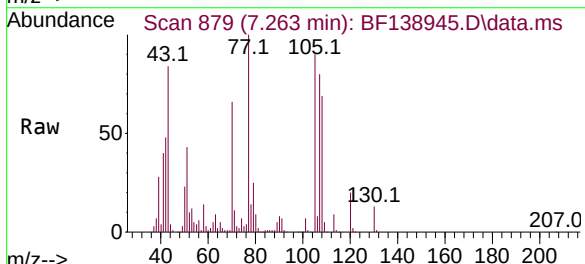
Ion Ratio Lower Upper

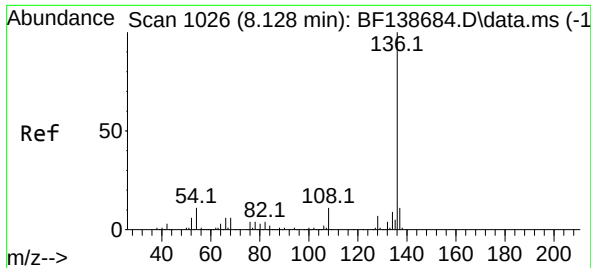
107 100

108 86.6 68.2 108.2

77 125.7 132.1 172.1#

79 31.8 11.5 51.5





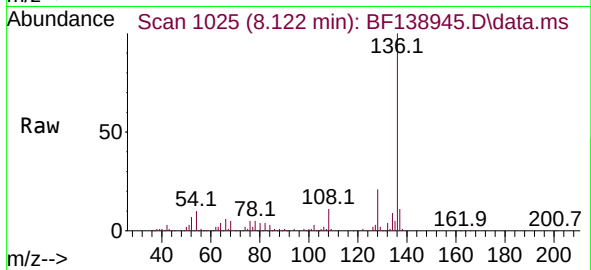
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD



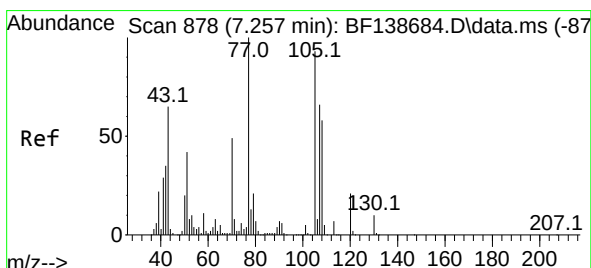
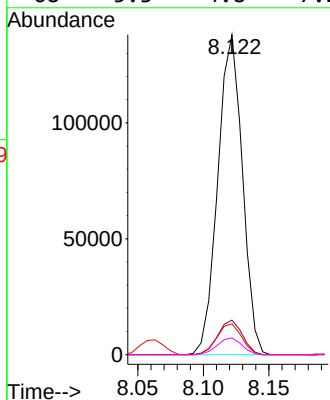
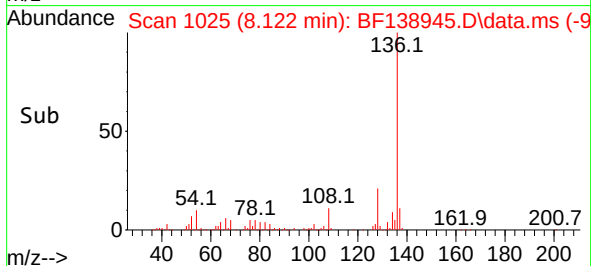
Tgt Ion:136 Resp: 180048
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.7 8.6 12.8
68 5.3 4.8 7.2

Manual Integrations

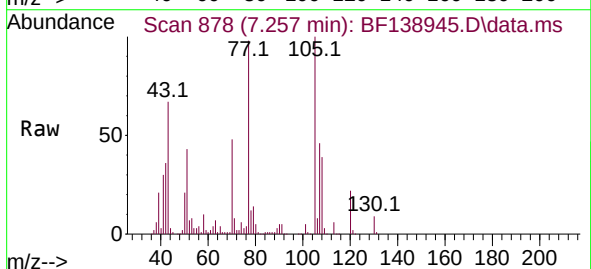
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

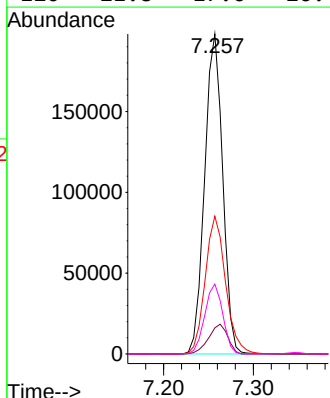
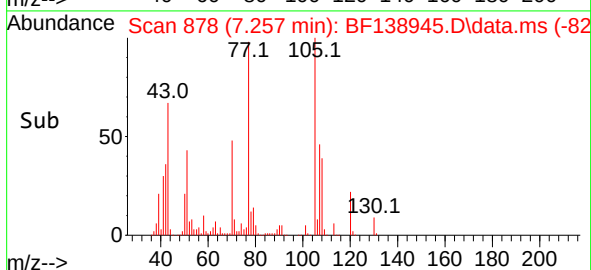
Supervised By :mohammad ahmed 08/13/2024

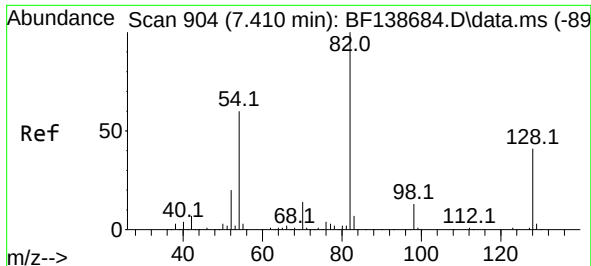


#22
Acetophenone
Concen: 62.627 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



Tgt Ion:105 Resp: 276088
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 43.1 35.9 53.9
120 21.8 17.6 26.4





#23
Nitrobenzene-d5
Concen: 117.170 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

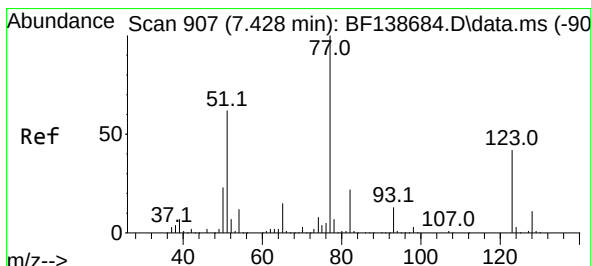
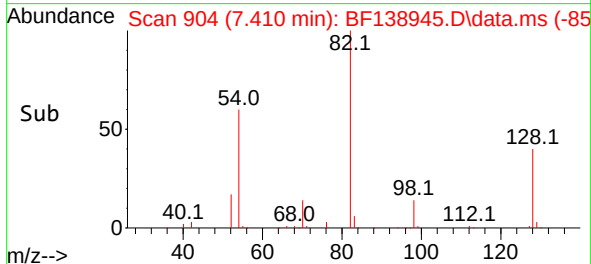
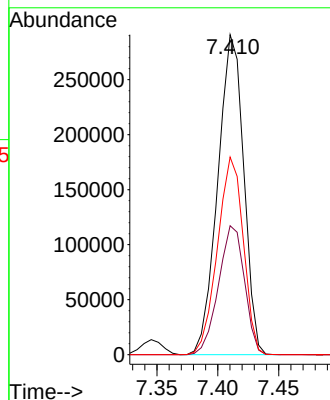
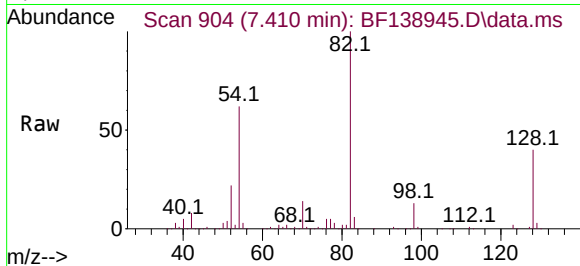
ClientSampleId :

RT4534MSD

Tgt Ion: 82 Resp: 431494
Ion Ratio Lower Upper
82 100
128 40.3 32.8 49.2
54 61.8 48.3 72.5

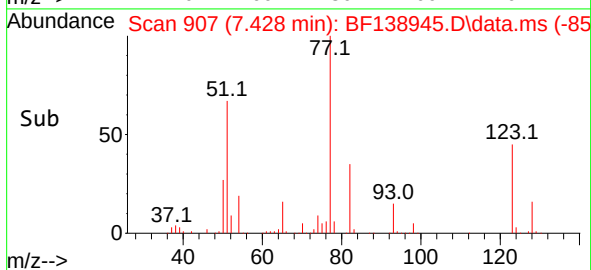
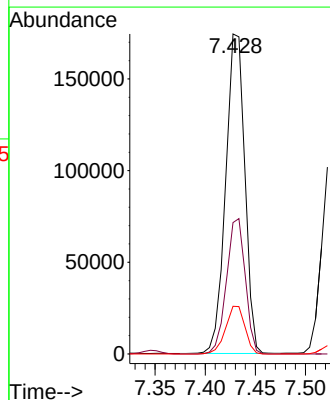
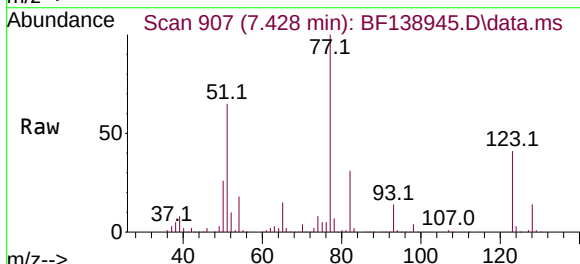
Manual Integrations
APPROVED

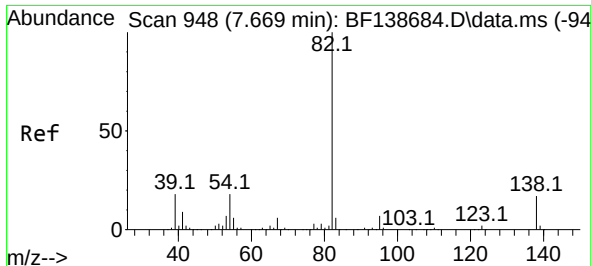
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#24
Nitrobenzene
Concen: 61.806 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

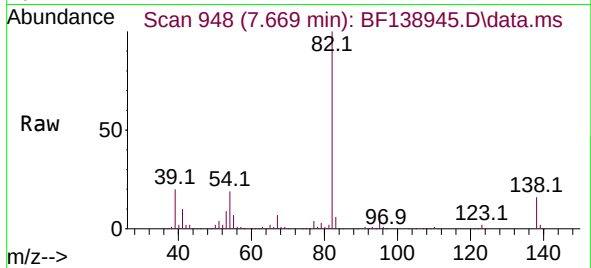
Tgt Ion: 77 Resp: 231606
Ion Ratio Lower Upper
77 100
123 41.1 33.3 49.9
65 14.9 11.9 17.9





#25
Isophorone
Concen: 66.723 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

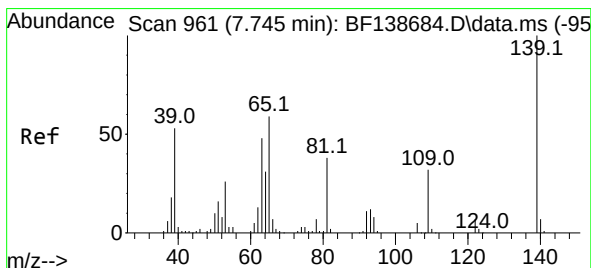
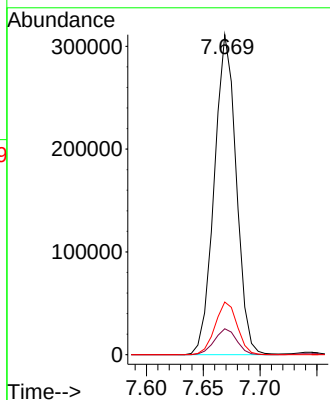
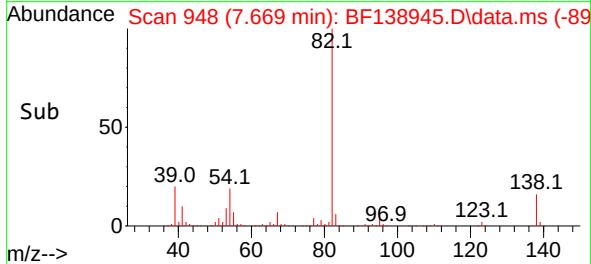
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion: 82 Resp: 419568
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.5 13.7 20.5

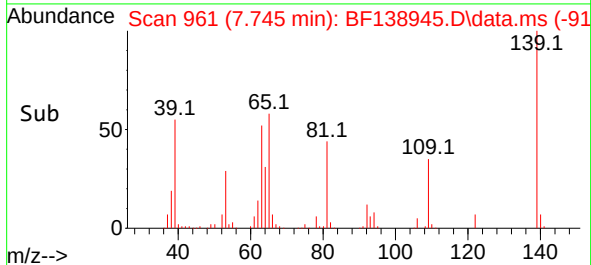
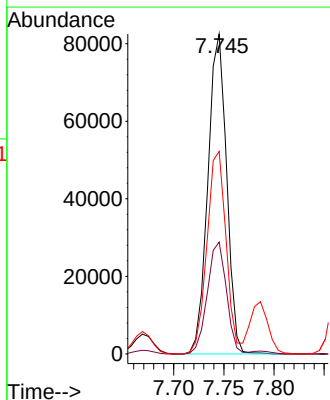
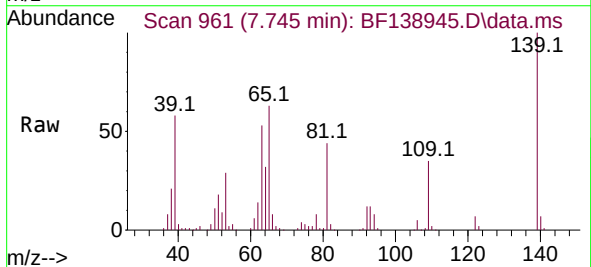
Manual Integrations
APPROVED

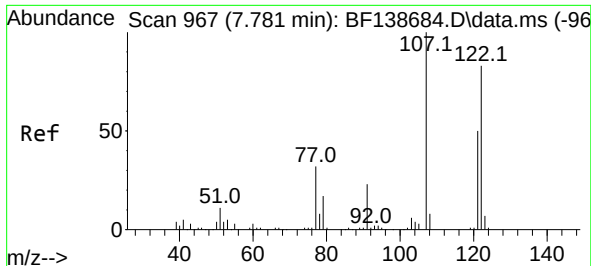
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#26
2-Nitrophenol
Concen: 66.591 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

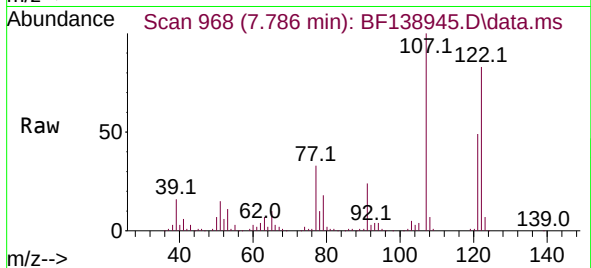
Tgt Ion:139 Resp: 107359
Ion Ratio Lower Upper
139 100
109 34.9 25.9 38.9
65 63.3 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 72.829 ng
RT: 7.786 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

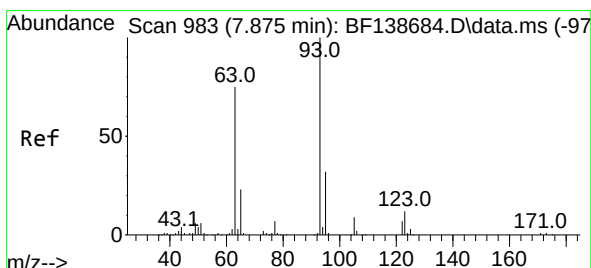
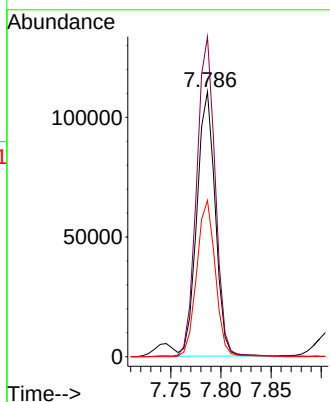
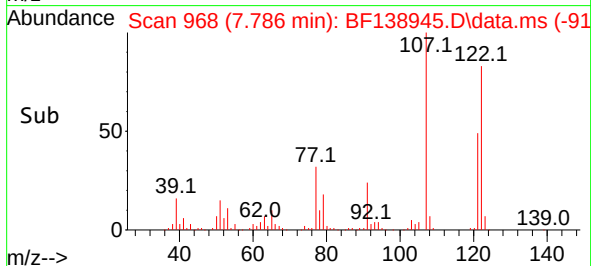
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:122 Resp: 140485
Ion Ratio Lower Upper
122 100
107 120.8 95.0 142.6
121 59.0 47.3 70.9

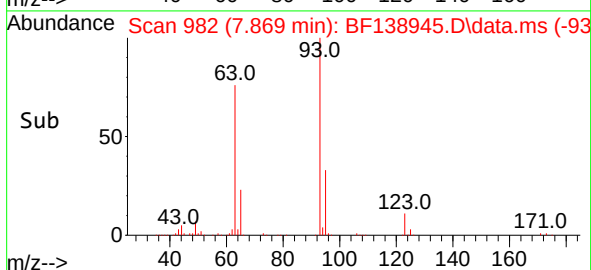
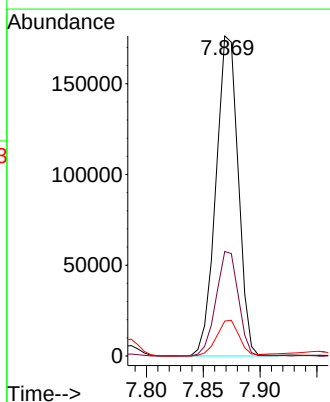
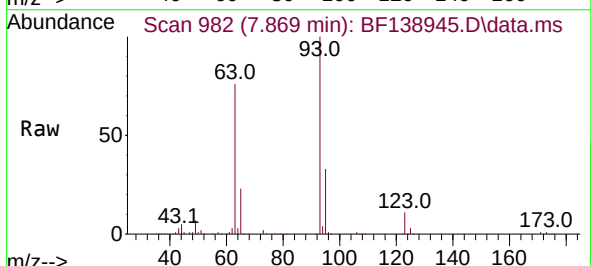
Manual Integrations
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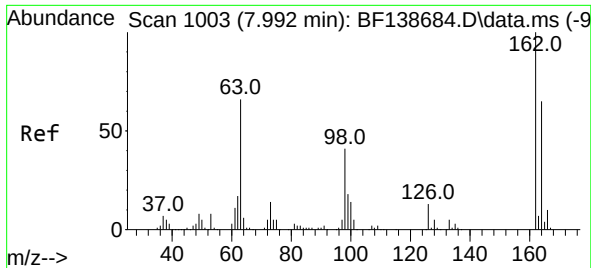
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 62.955 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion: 93 Resp: 241077
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 69.038 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138945.D

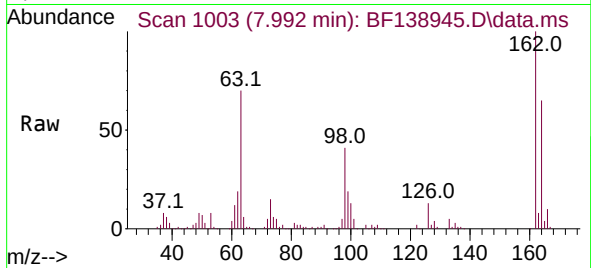
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD



Tgt Ion:162 Resp: 171120

Ion Ratio Lower Upper

162 100

164 64.7 44.7 84.7

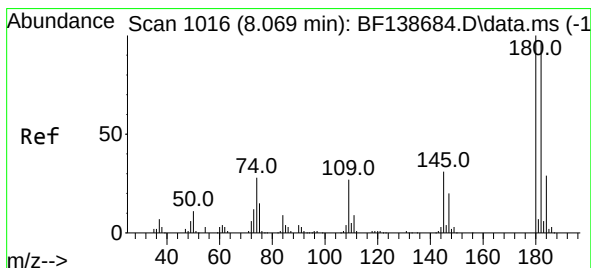
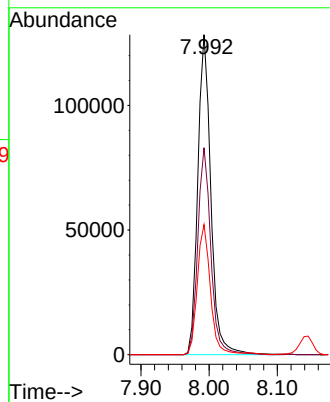
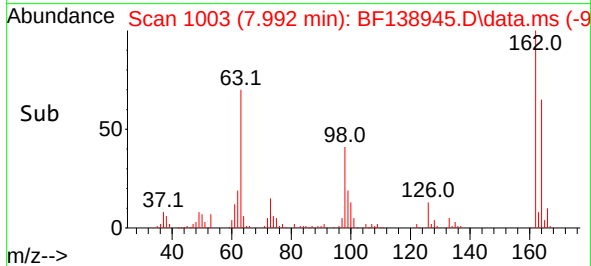
98 40.7 20.8 60.8

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Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 60.894 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

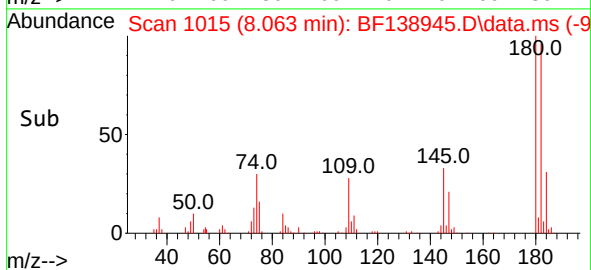
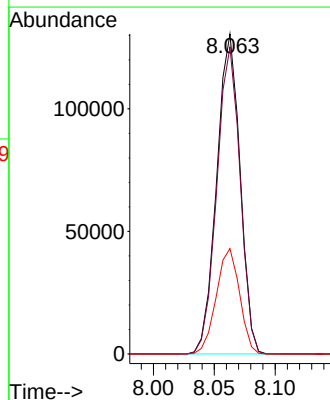
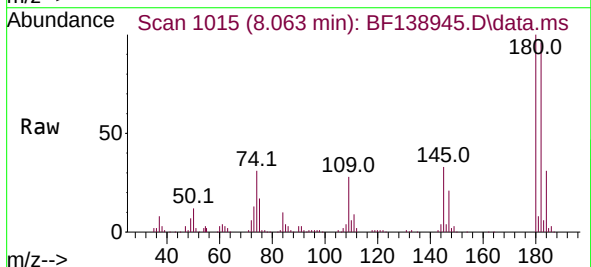
Tgt Ion:180 Resp: 174186

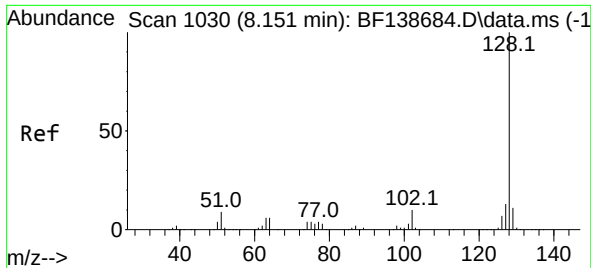
Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

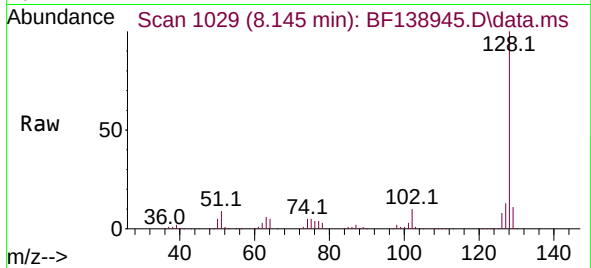
145 33.0 25.0 37.4





#31
Naphthalene
Concen: 62.040 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

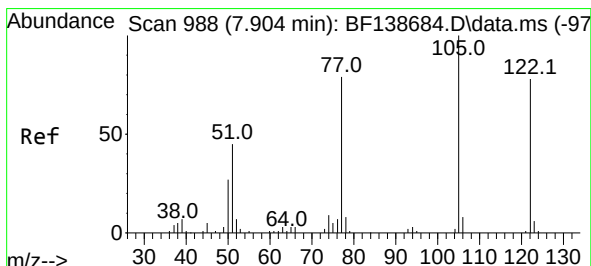
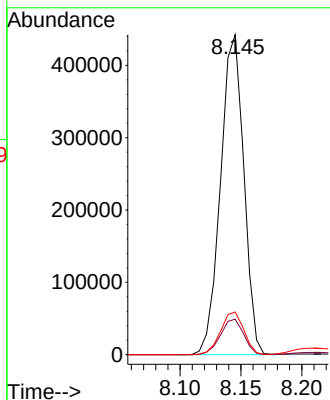
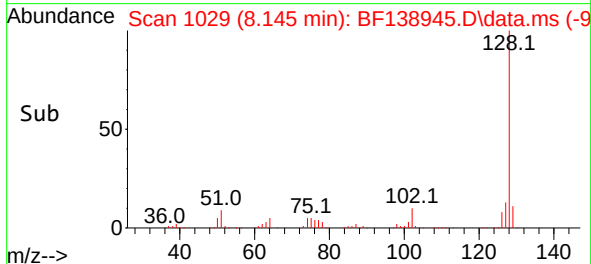
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



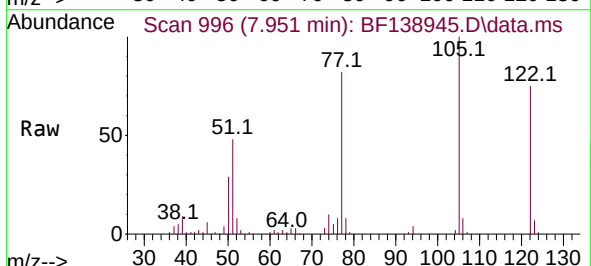
Tgt Ion:128 Resp: 587962
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.6 16.0

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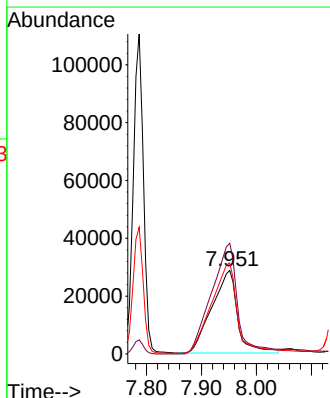
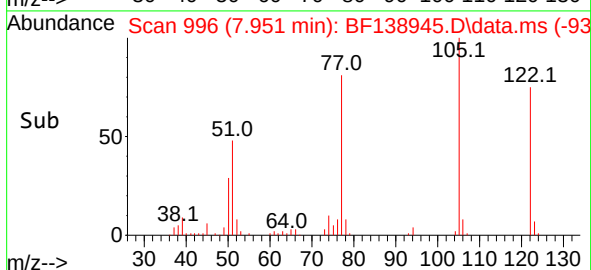
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

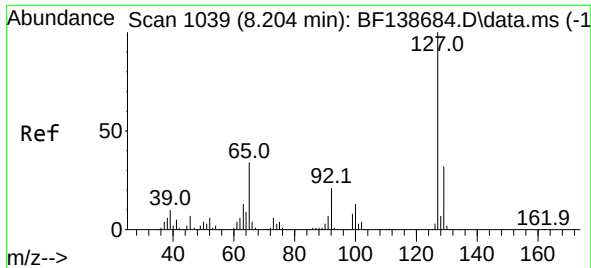


#32
Benzoic acid
Concen: 61.119 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.047 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



Tgt Ion:122 Resp: 92675
Ion Ratio Lower Upper
122 100
105 132.7 106.7 146.7
77 109.1 81.1 121.1





#33
4-Chloroaniline
Concen: 10.591 ng
RT: 8.210 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

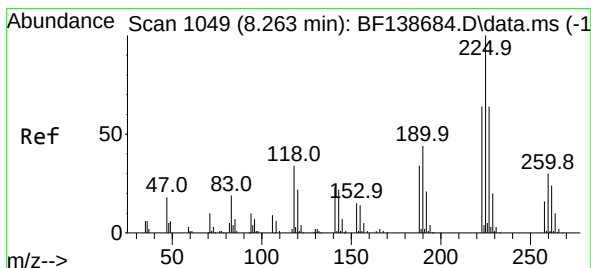
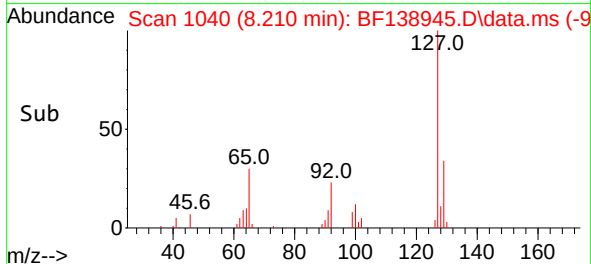
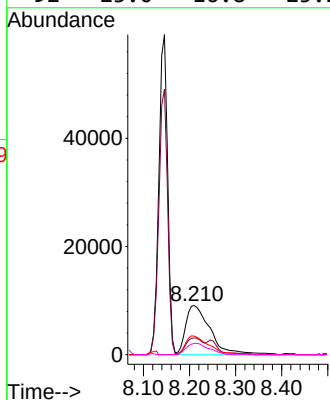
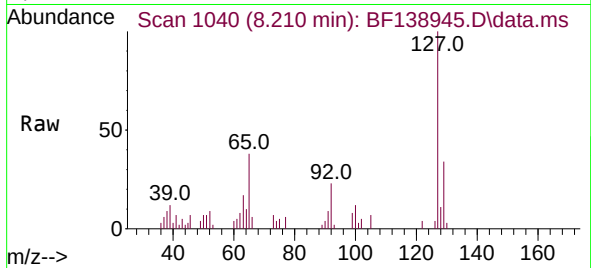
RT4534MSD

Tgt Ion:	127	Resp:	3369
Ion Ratio	Lower	Upper	
127	100		
129	34.2	25.9	38.9
65	37.9	27.6	41.4
92	23.0	16.8	25.2

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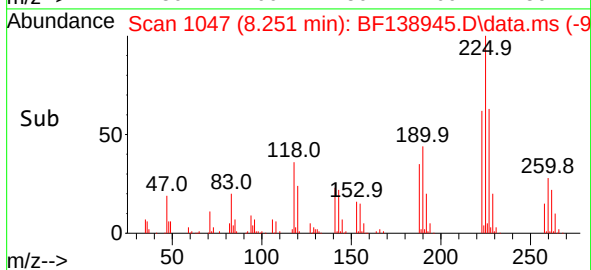
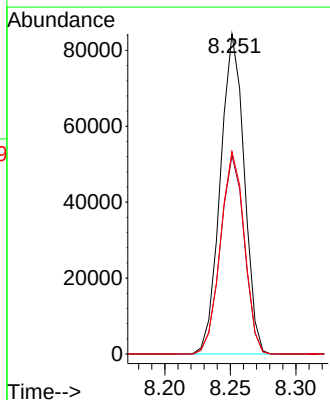
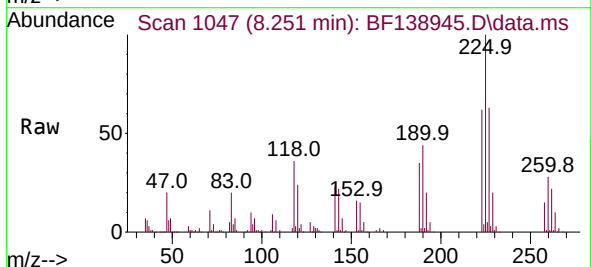
APPROVED

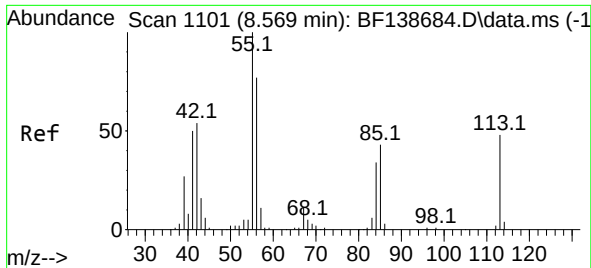
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#34
Hexachlorobutadiene
Concen: 61.489 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

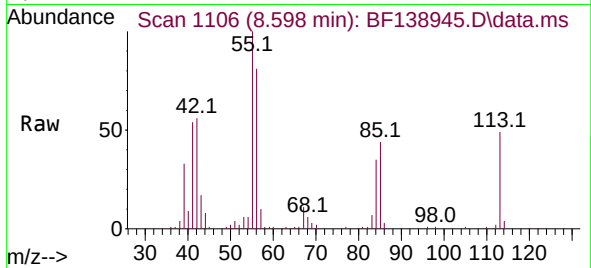
Tgt Ion:	225	Resp:	106535
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.2	76.8
227	63.3	51.1	76.7





#35
Caprolactam
Concen: 54.818 ng m
RT: 8.598 min Scan# 1106
Delta R.T. 0.029 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

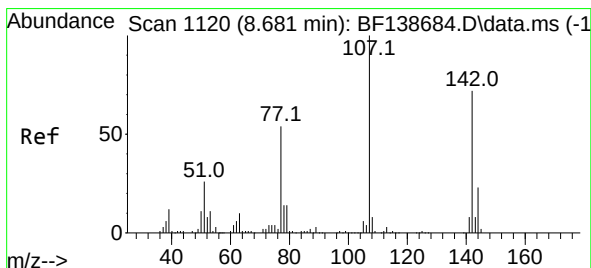
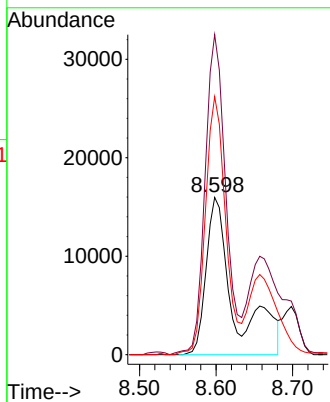
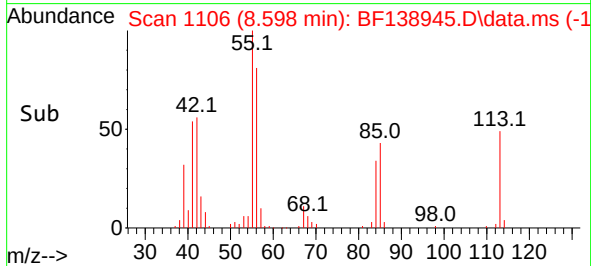
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:113 Resp: 40544
Ion Ratio Lower Upper
113 100
55 203.4 186.7 226.7
56 164.0 138.9 178.9

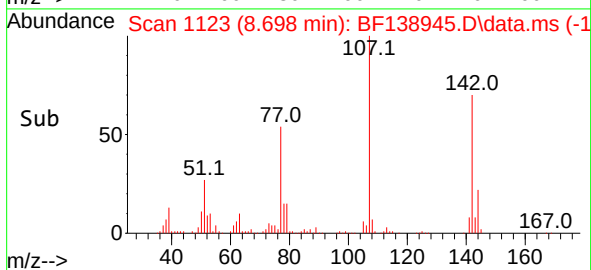
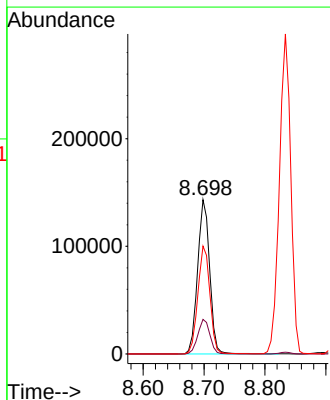
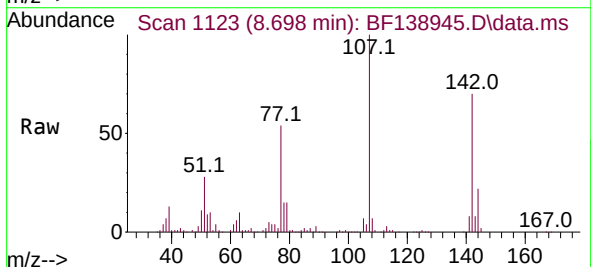
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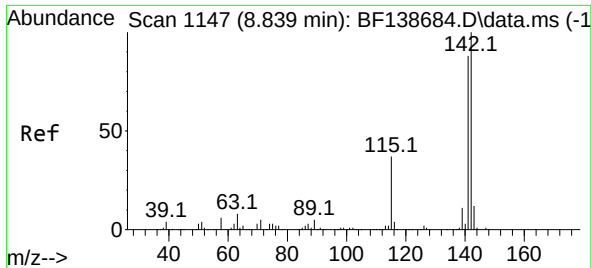
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#36
4-Chloro-3-methylphenol
Concen: 69.834 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:107 Resp: 197825
Ion Ratio Lower Upper
107 100
144 22.4 18.2 27.2
142 69.9 57.4 86.2





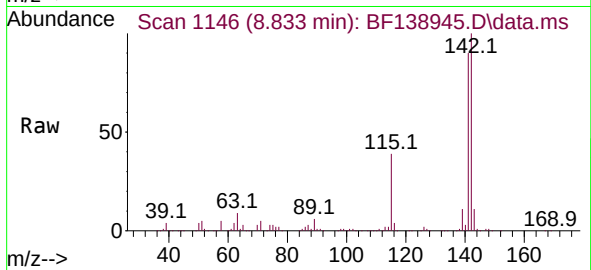
#37
2-Methylnaphthalene
Concen: 64.470 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD

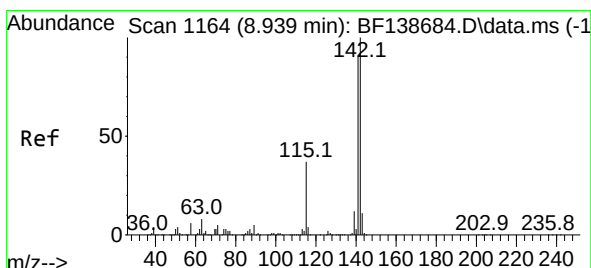
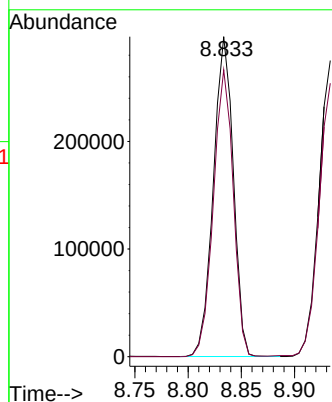
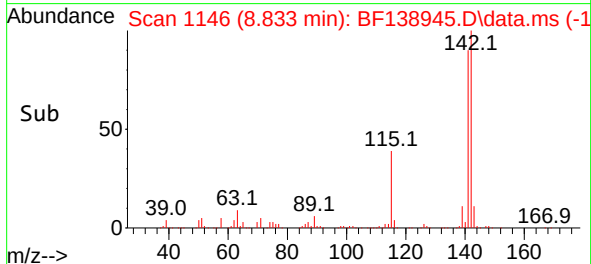


Tgt Ion:142 Resp: 385870
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2

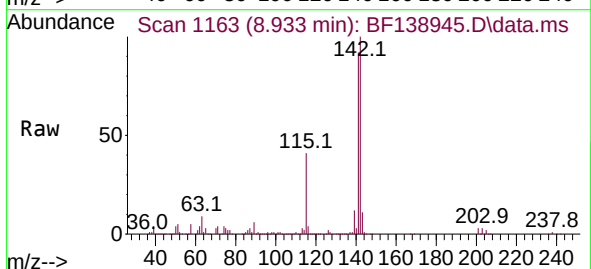
Manual Integrations

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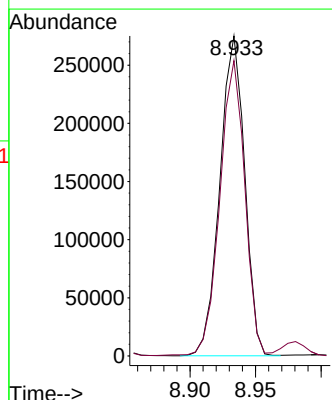
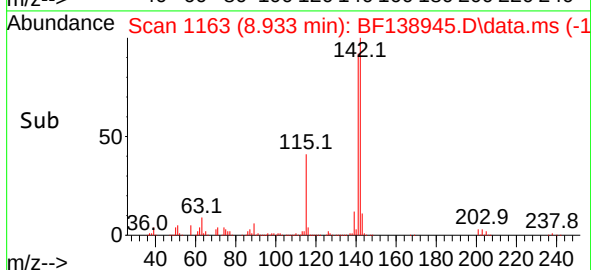
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

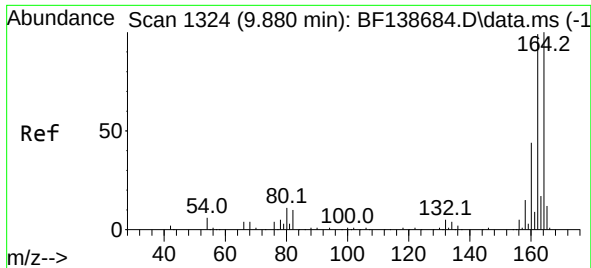


#38
1-Methylnaphthalene
Concen: 61.668 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



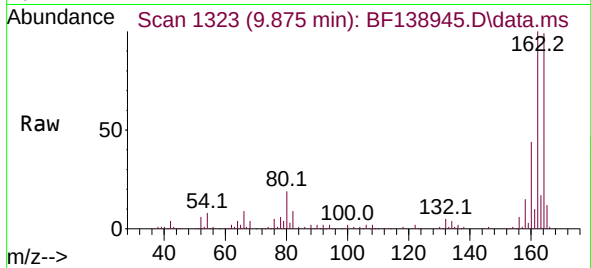
Tgt Ion:142 Resp: 361688
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

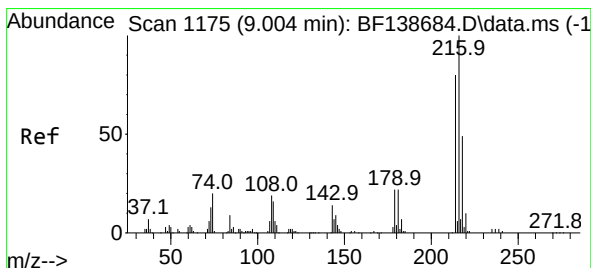
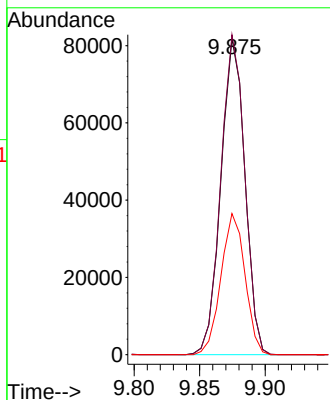
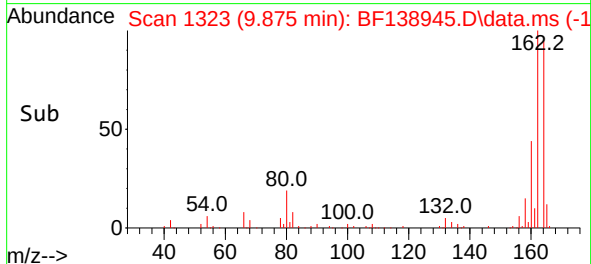
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



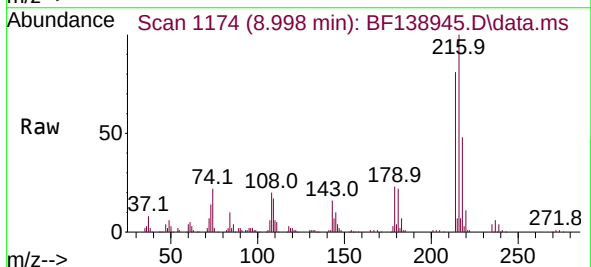
Tgt Ion:164 Resp: 10415
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 44.7 35.1 52.7

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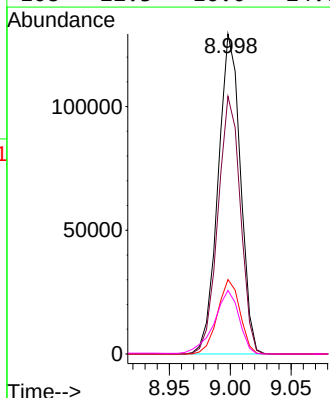
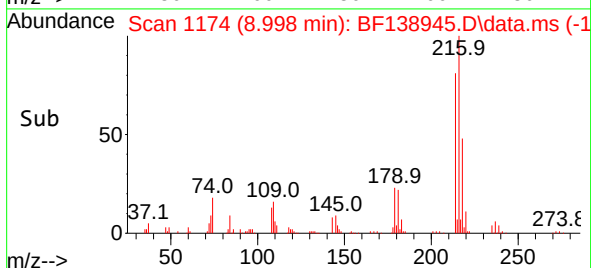
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

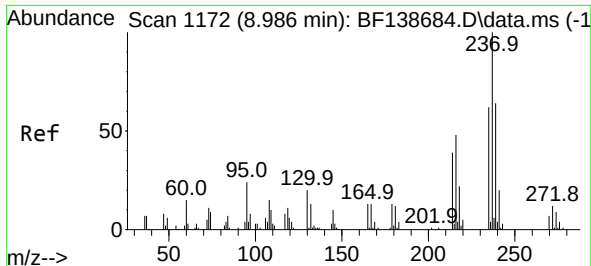


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.106 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



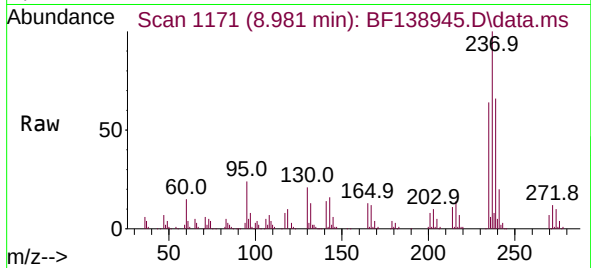
Tgt Ion:216 Resp: 165225
Ion Ratio Lower Upper
216 100
214 80.4 63.9 95.9
179 23.2 17.8 26.6
108 22.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 145.676 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

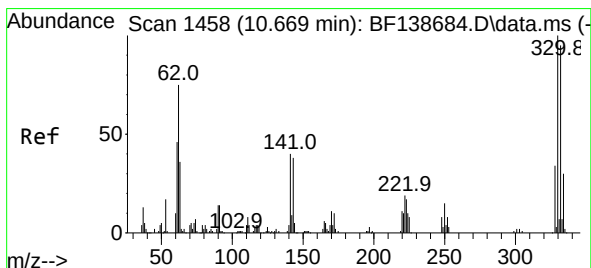
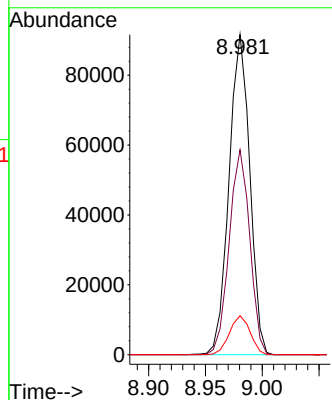
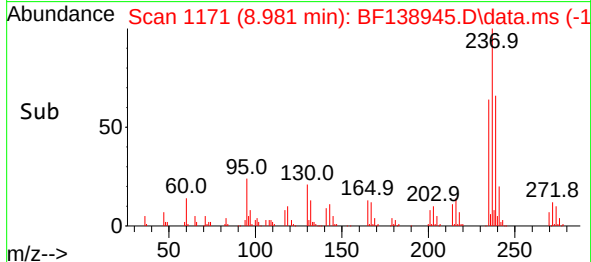
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:237 Resp: 116358
Ion Ratio Lower Upper
237 100
235 64.0 41.8 81.8
272 12.2 0.0 32.2

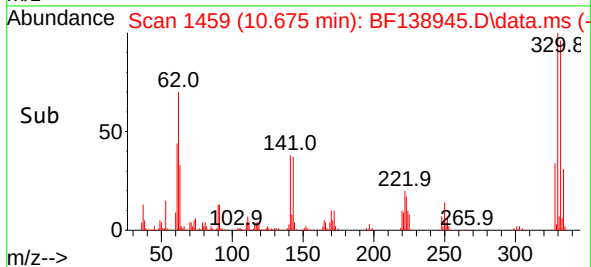
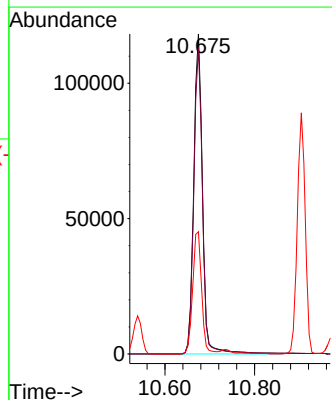
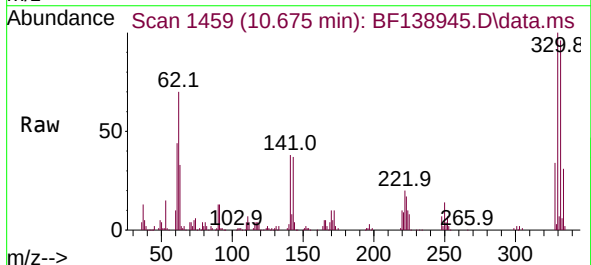
Manual Integrations
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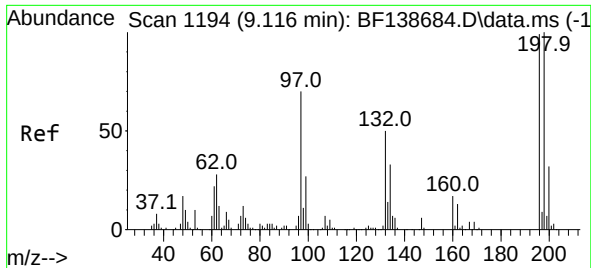
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#42
2,4,6-Tribromophenol
Concen: 188.278 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

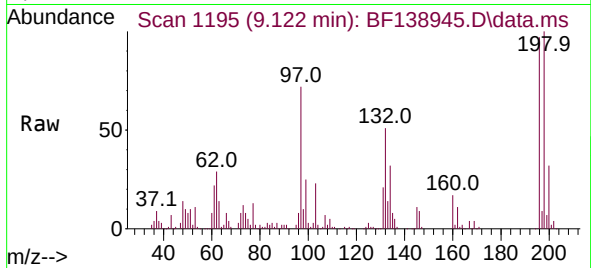
Tgt Ion:330 Resp: 160633
Ion Ratio Lower Upper
330 100
332 94.7 76.4 114.6
141 39.0 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 63.393 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

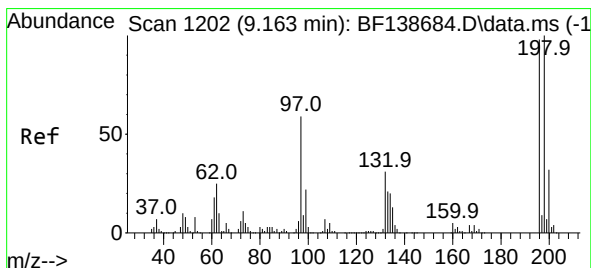
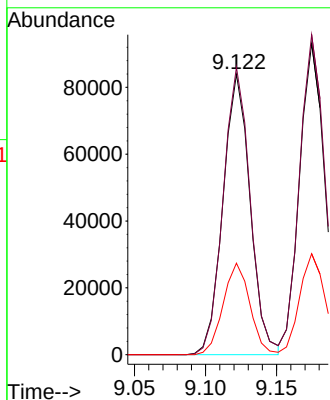
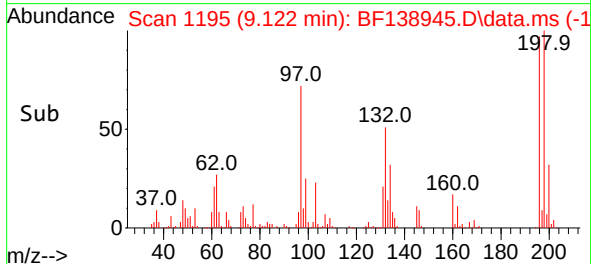
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



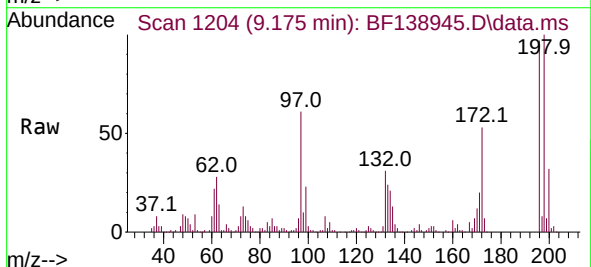
Tgt Ion:196 Resp: 11183
Ion Ratio Lower Upper
196 100
198 102.6 80.5 120.7
200 32.6 25.9 38.9

Manual Integrations
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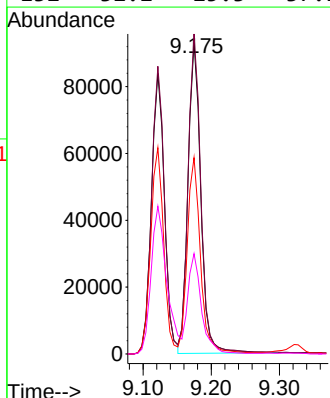
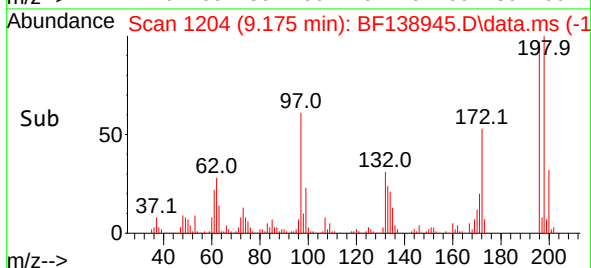
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

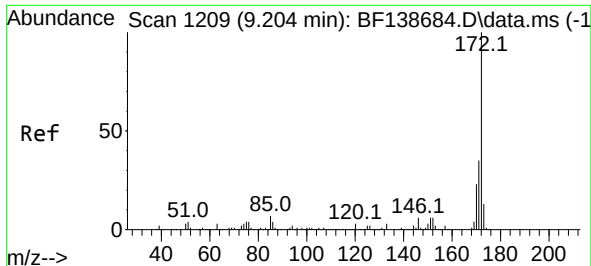


#44
2,4,5-Trichlorophenol
Concen: 62.456 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



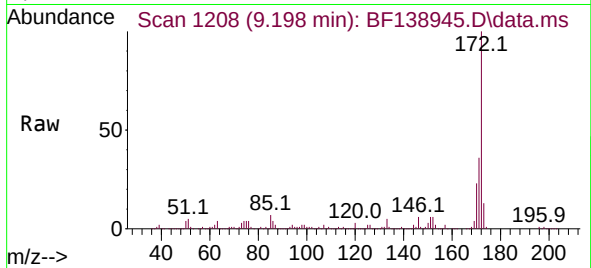
Tgt Ion:196 Resp: 120447
Ion Ratio Lower Upper
196 100
198 102.8 81.2 121.8
97 63.1 47.8 71.6
132 32.2 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 112.019 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

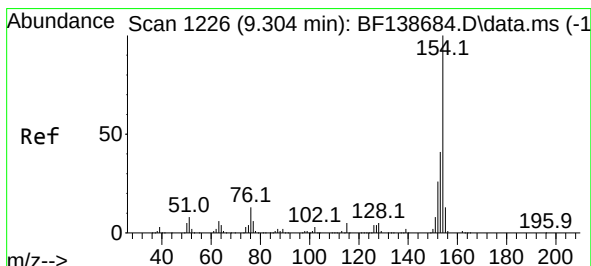
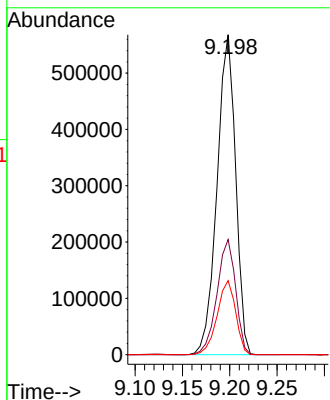
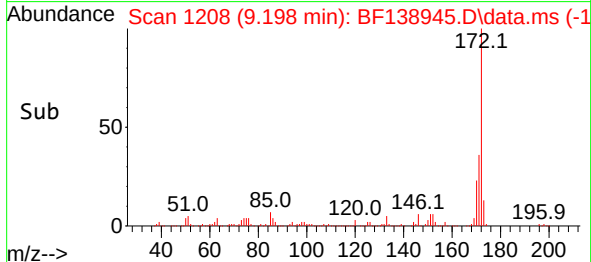
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



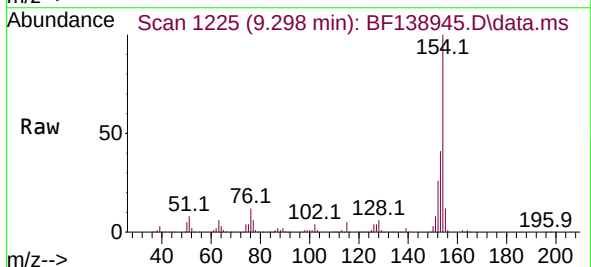
Tgt Ion:172 Resp: 77652
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.1 18.8 28.2

Manual Integrations
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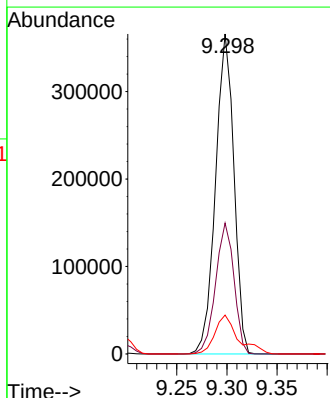
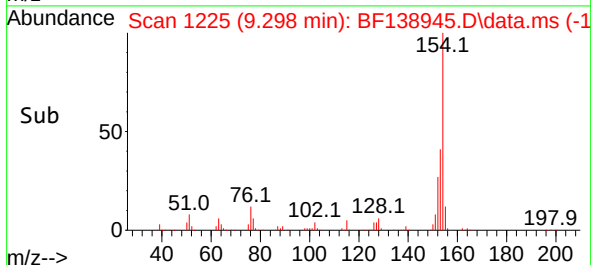
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

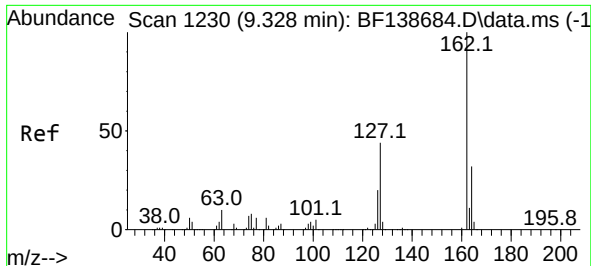


#46
1,1'-Biphenyl
Concen: 57.074 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



Tgt Ion:154 Resp: 465569
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 60.123 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

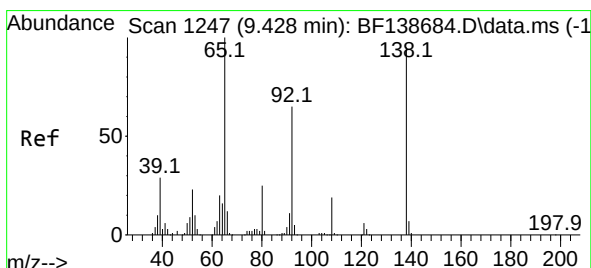
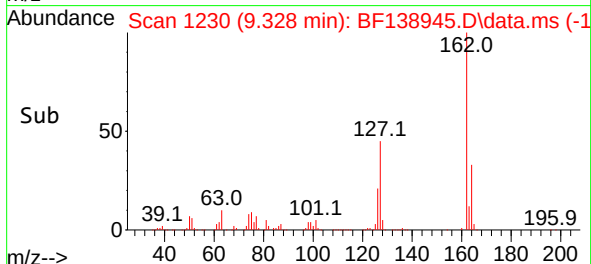
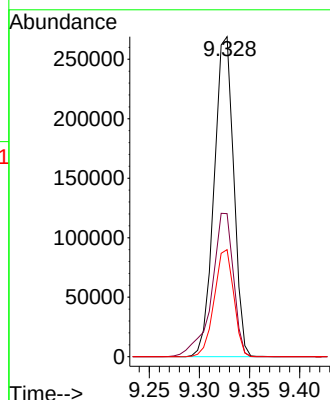
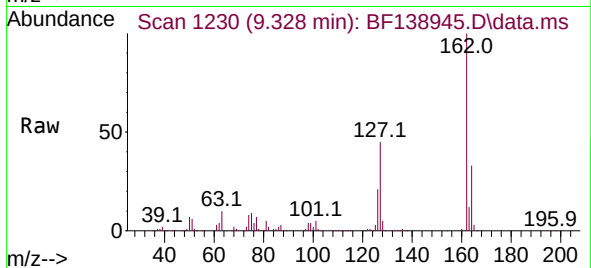
ClientSampleId :

RT4534MSD

Tgt Ion:162 Resp: 36475
 Ion Ratio Lower Upper
 162 100
 127 44.7 35.4 53.2
 164 33.5 25.6 38.4

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Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#48

2-Nitroaniline

Concen: 62.569 ng

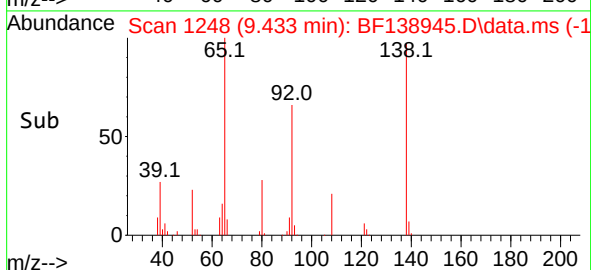
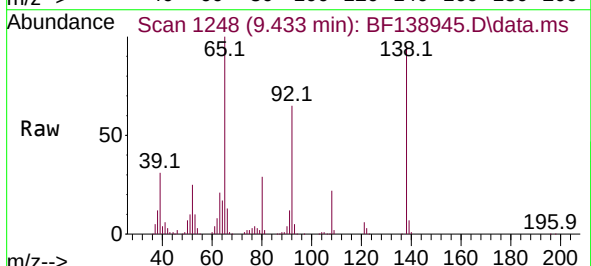
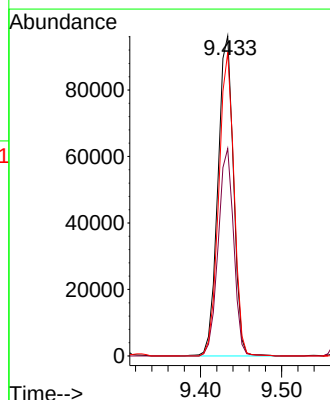
RT: 9.433 min Scan# 1248

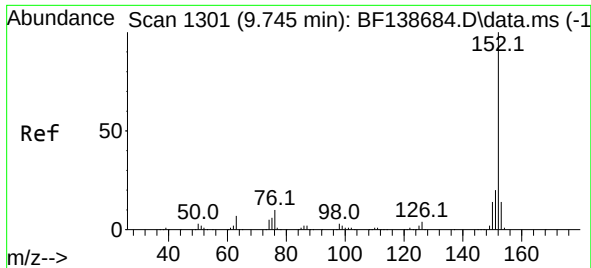
Delta R.T. 0.006 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

Tgt Ion: 65 Resp: 128688
 Ion Ratio Lower Upper
 65 100
 92 64.8 52.0 78.0
 138 94.8 76.2 114.4





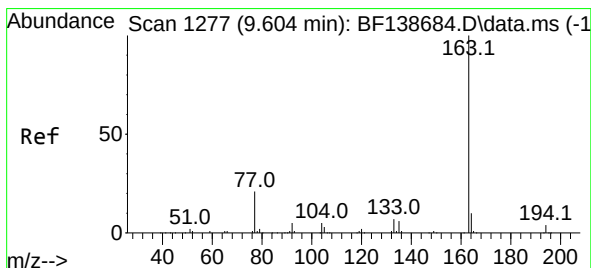
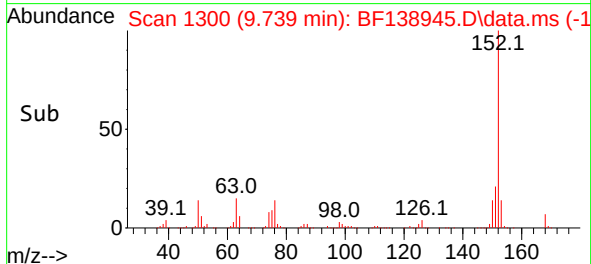
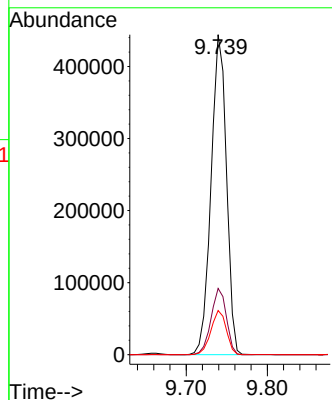
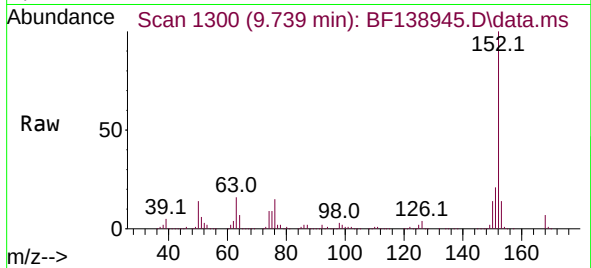
#49
Acenaphthylene
Concen: 67.893 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :
BNA_F
ClientSampleId :
RT4534MSD

Tgt Ion:152 Resp: 58419
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.8 11.0 16.4

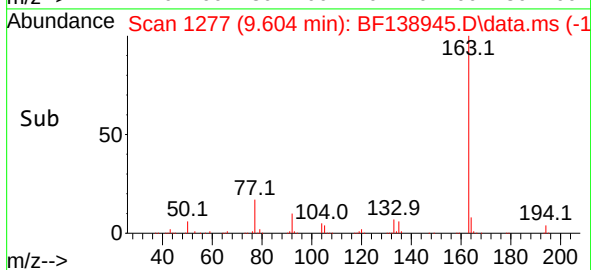
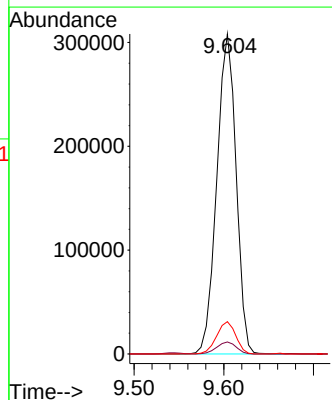
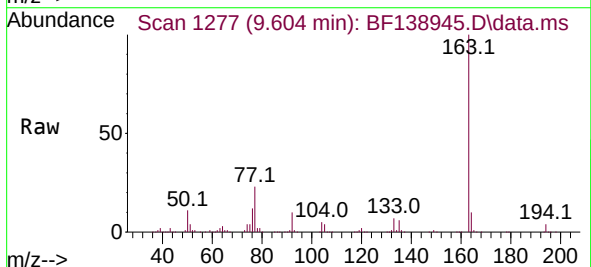
Manual Integrations
APPROVED

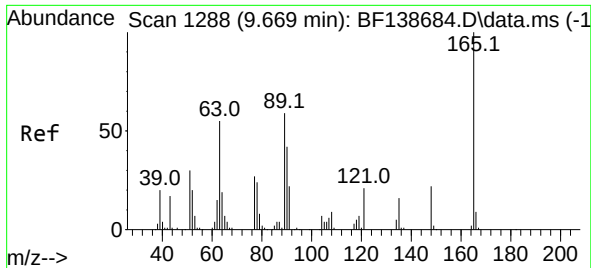
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#50
Dimethylphthalate
Concen: 69.145 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:163 Resp: 460491
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: 64.143 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

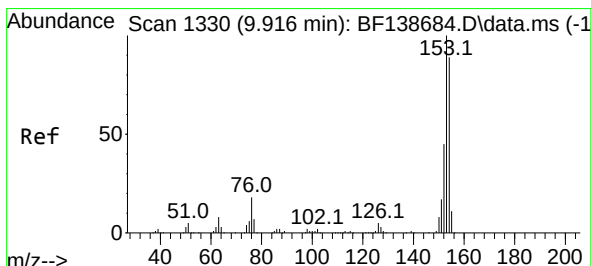
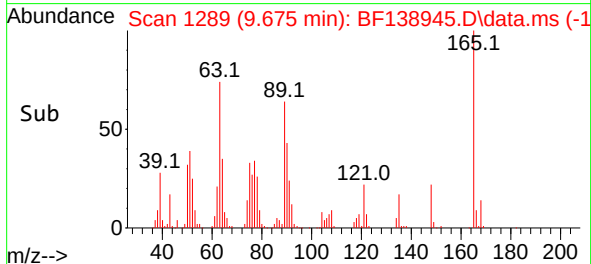
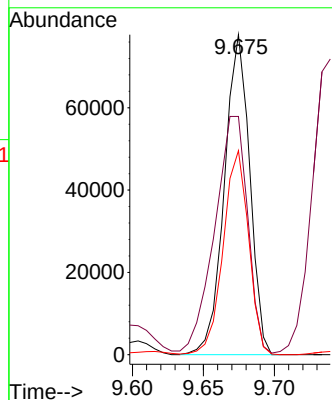
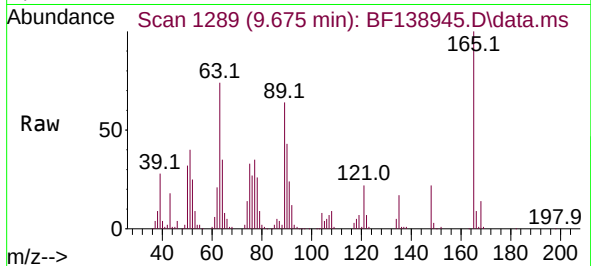
RT4534MSD

Tgt Ion:165 Resp: 96400
Ion Ratio Lower Upper
165 100
63 74.4 52.0 78.0
89 63.8 47.0 70.6

Manual Integrations

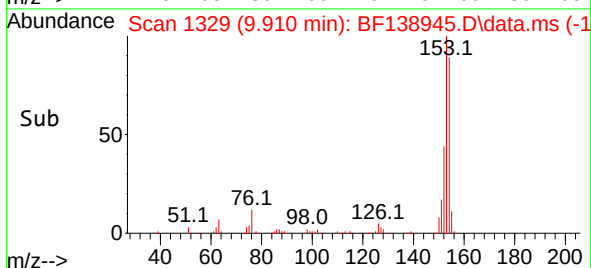
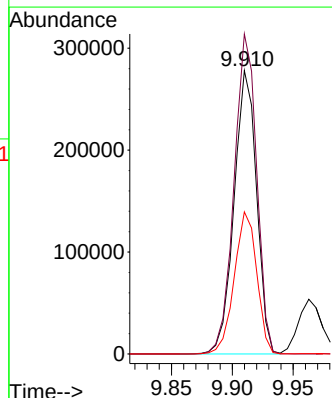
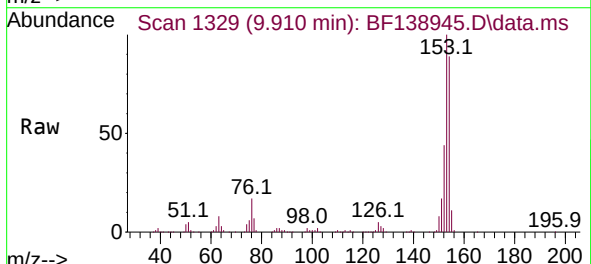
APPROVED

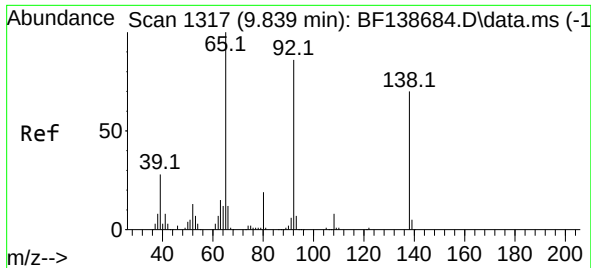
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#52
Acenaphthene
Concen: 61.875 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:154 Resp: 357892
Ion Ratio Lower Upper
154 100
153 112.9 89.9 134.9
152 50.1 40.6 60.8





#53
3-Nitroaniline
Concen: 13.965 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

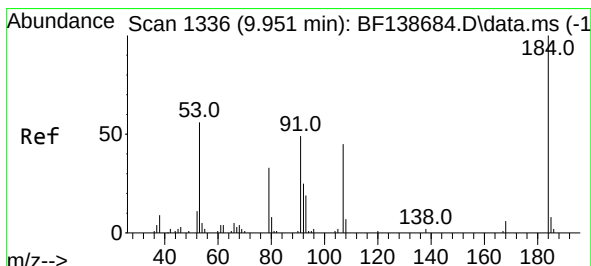
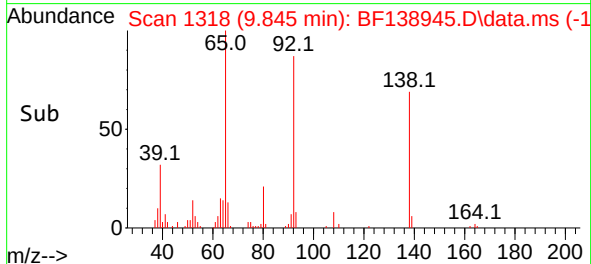
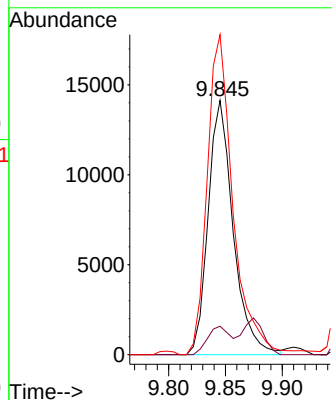
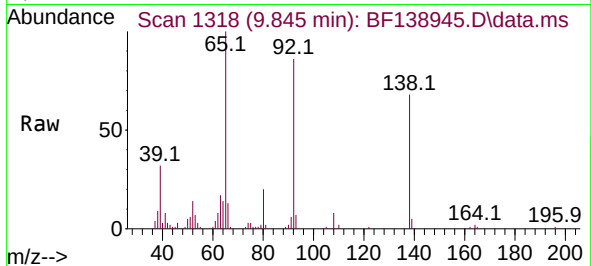
RT4534MSD

Tgt Ion:138 Resp: 21698
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 125.9 98.7 148.1

Manual Integrations

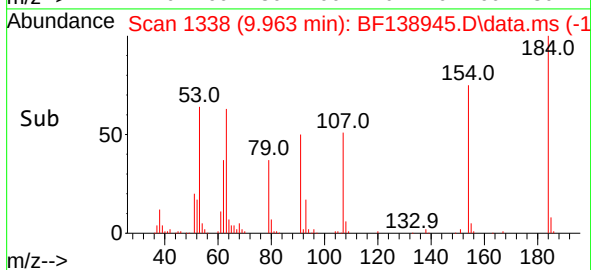
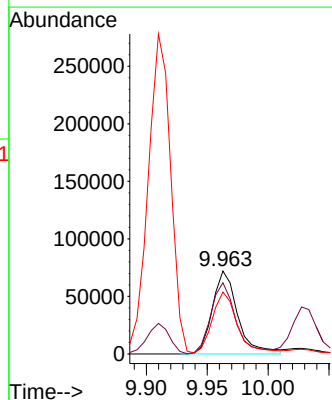
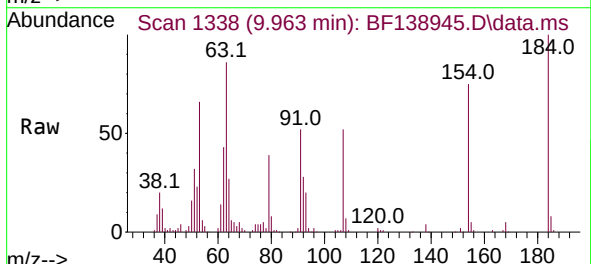
APPROVED

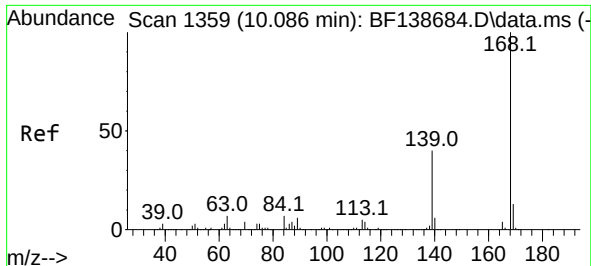
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#54
2,4-Dinitrophenol
Concen: 150.547 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

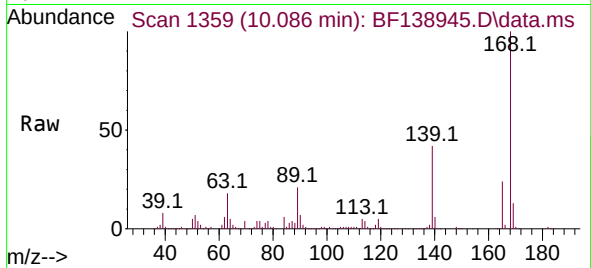
Tgt Ion:184 Resp: 104160
Ion Ratio Lower Upper
184 100
63 86.0 57.5 86.3
154 74.7 51.7 77.5





#55
Dibenzenofuran
Concen: 64.585 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

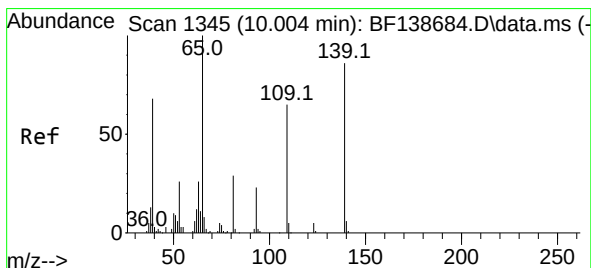
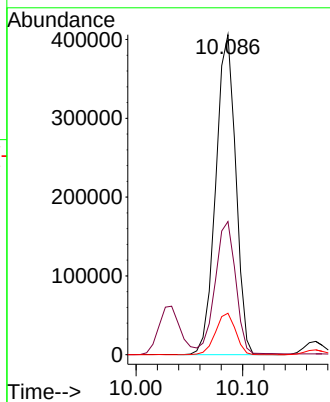
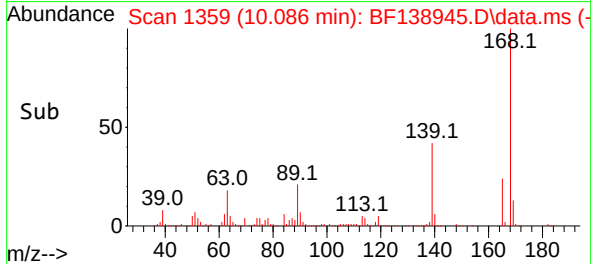
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:168 Resp: 52733
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.0 10.7 16.1

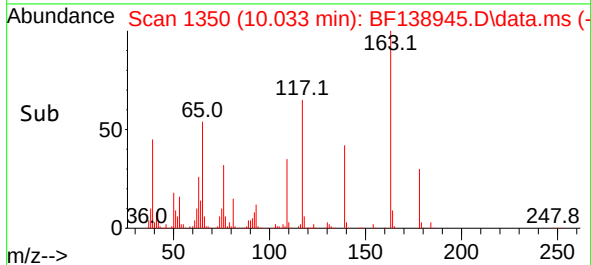
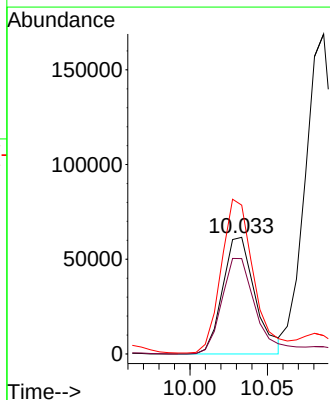
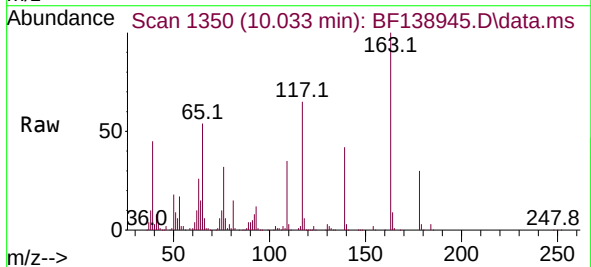
Manual Integrations
APPROVED

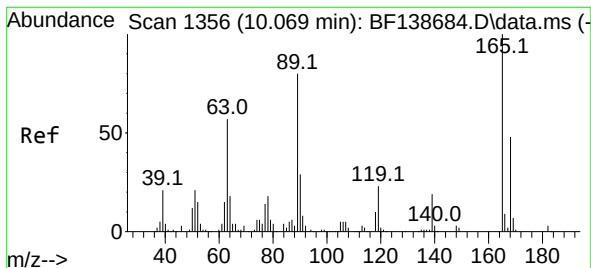
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#56
4-Nitrophenol
Concen: 95.953 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.029 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:139 Resp: 89654
Ion Ratio Lower Upper
139 100
109 81.7 55.5 95.5
65 127.6 96.7 136.7





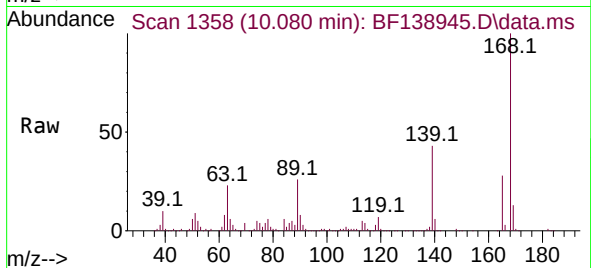
#57
2,4-Dinitrotoluene
Concen: 69.506 ng
RT: 10.080 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD



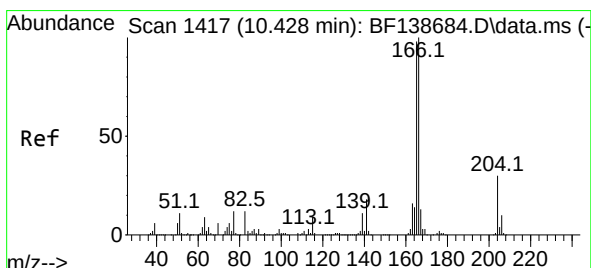
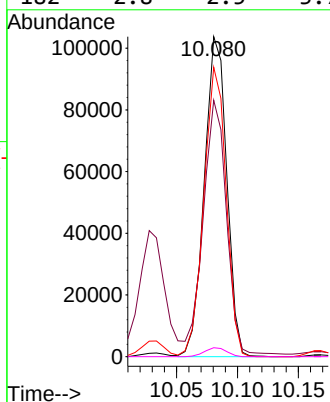
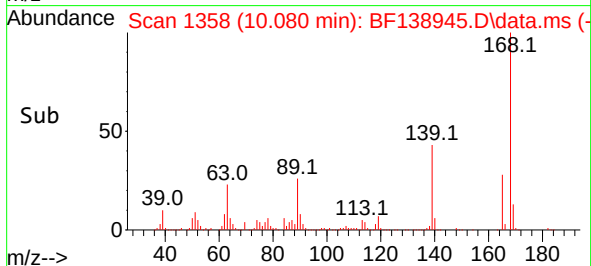
Tgt Ion:165 Resp: 13328
Ion Ratio Lower Upper
165 100
63 80.2 46.3 69.5
89 90.5 64.2 96.4
182 2.8 2.5 3.7

Manual Integrations

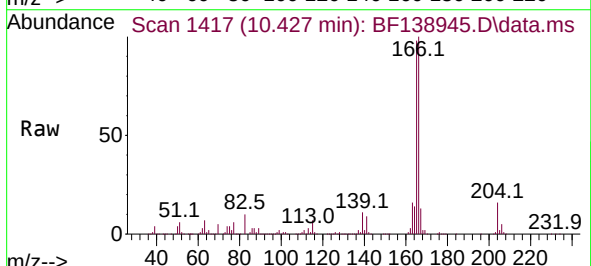
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

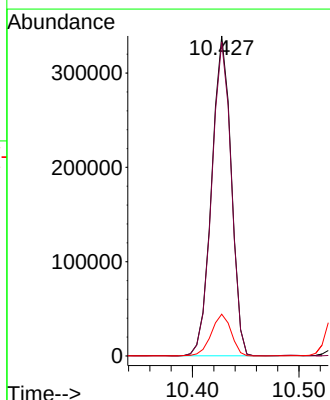
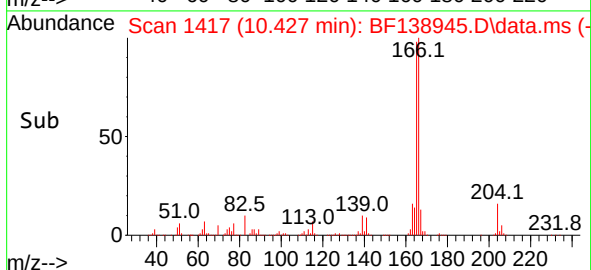
Supervised By :mohammad ahmed 08/13/2024

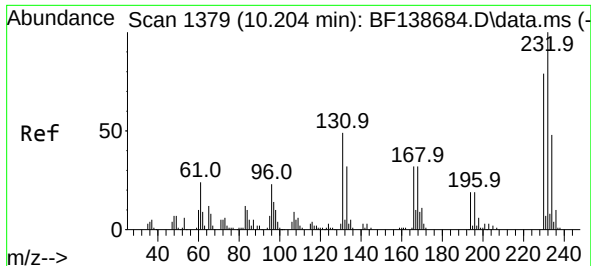


#58
Fluorene
Concen: 66.352 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



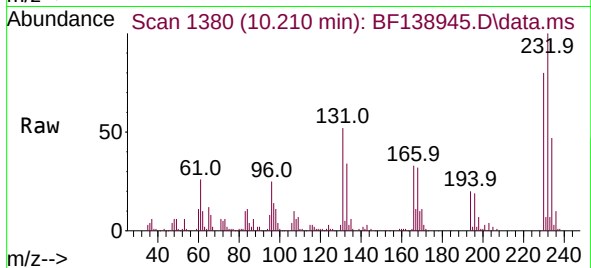
Tgt Ion:166 Resp: 431422
Ion Ratio Lower Upper
166 100
165 98.1 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 68.900 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

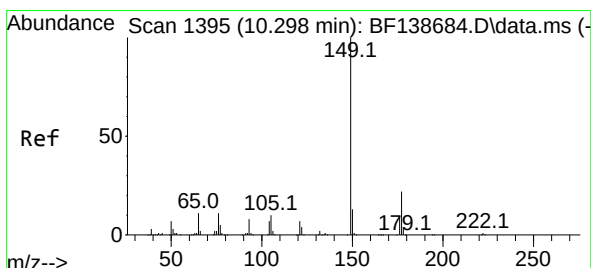
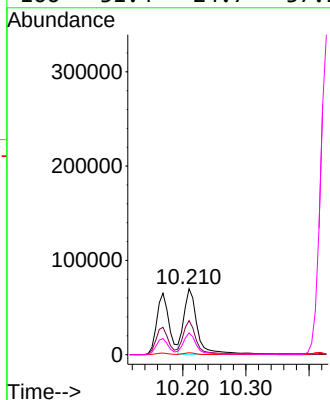
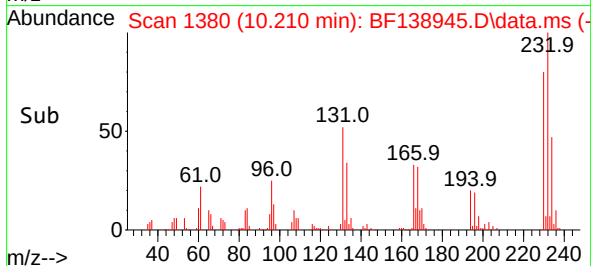
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:232 Resp: 101589
Ion Ratio Lower Upper
232 100
131 52.1 37.0 55.4
130 2.8 2.0 3.0
166 31.4 24.7 37.1

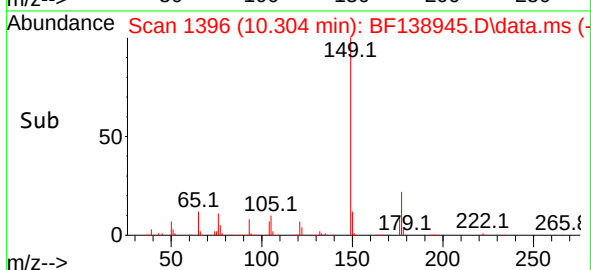
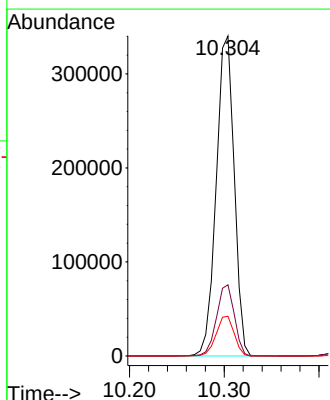
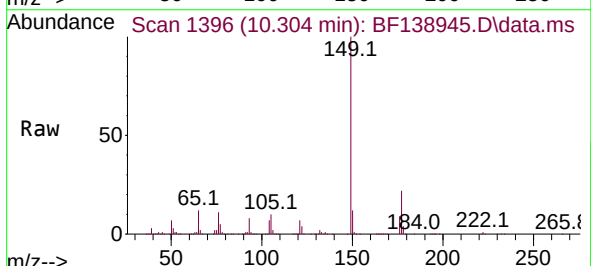
Manual Integrations
APPROVED

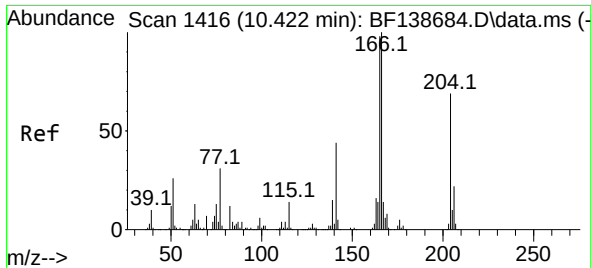
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#60
Diethylphthalate
Concen: 71.271 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

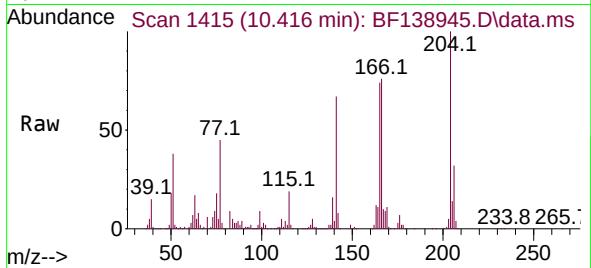
Tgt Ion:149 Resp: 450053
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 66.336 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

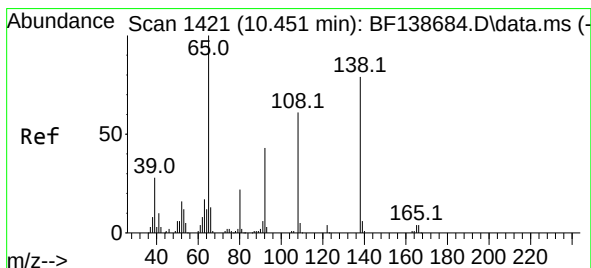
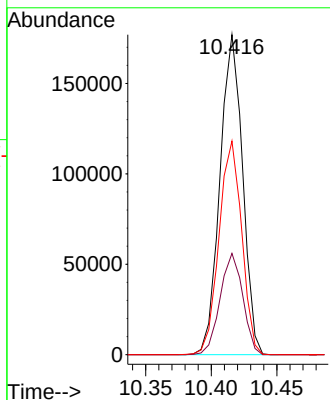
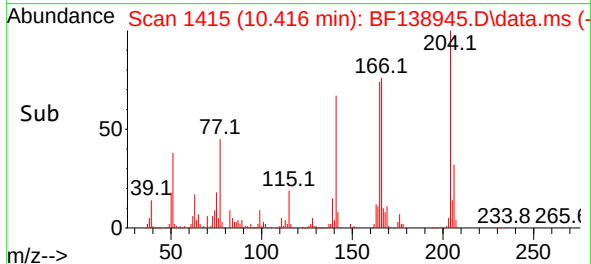
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:204 Resp: 212129
Ion Ratio Lower Upper
204 100
206 31.7 26.1 39.1
141 66.7 51.4 77.0

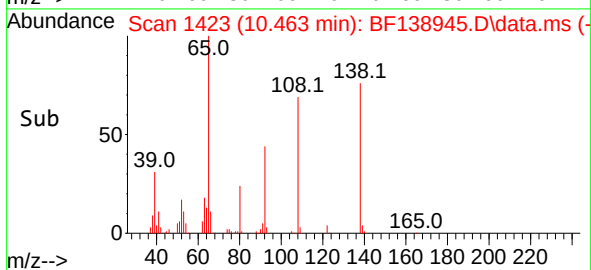
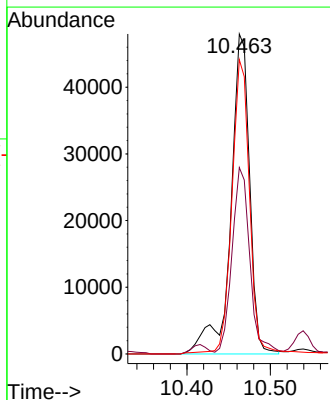
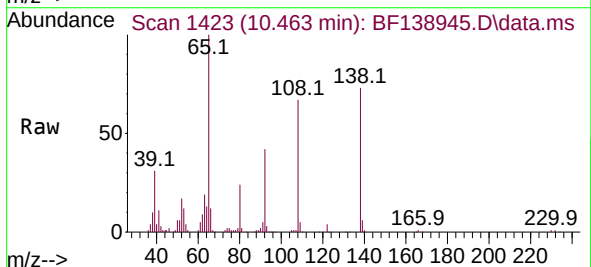
Manual Integrations
APPROVED

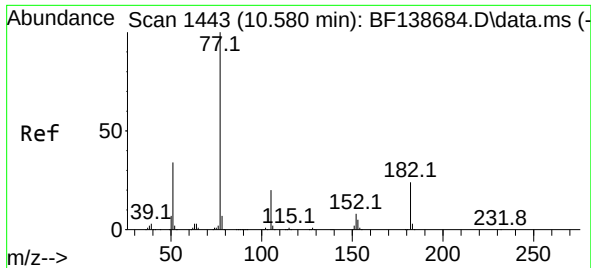
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#62
4-Nitroaniline
Concen: 51.029 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:138 Resp: 75347
Ion Ratio Lower Upper
138 100
92 58.3 34.2 74.2
108 91.9 56.2 96.2





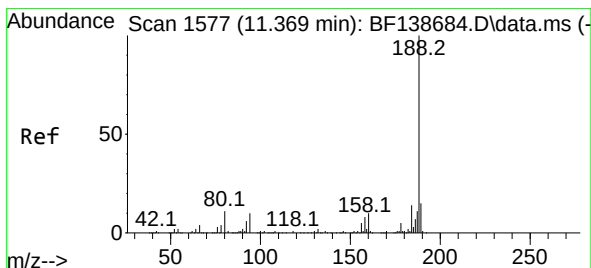
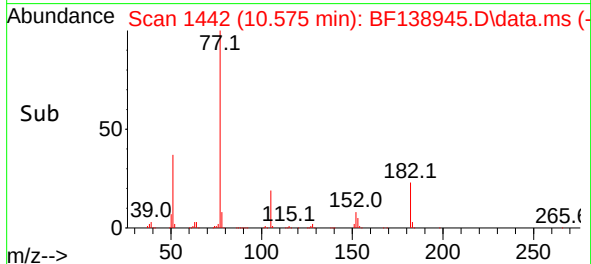
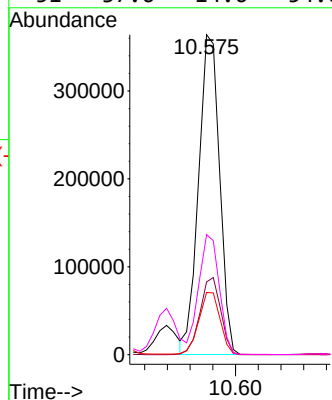
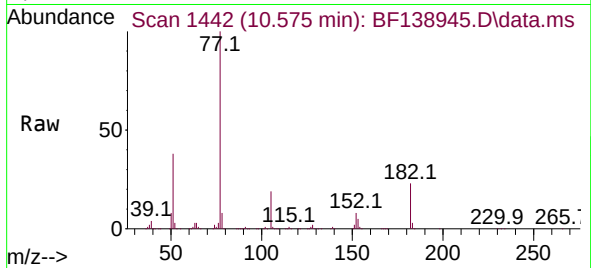
#63
Azobenzene
Concen: 66.791 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :
BNA_F
ClientSampleId :
RT4534MSD

Tgt Ion: 77 Resp: 467778
Ion Ratio Lower Upper
77 100
182 22.8 3.4 43.4
105 19.5 0.2 40.2
51 37.6 14.6 54.6

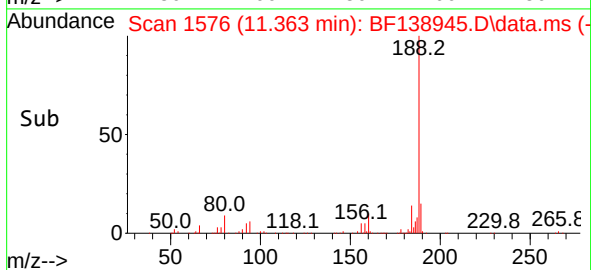
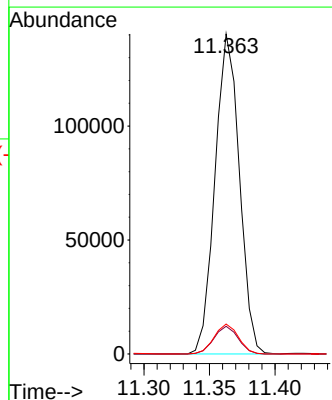
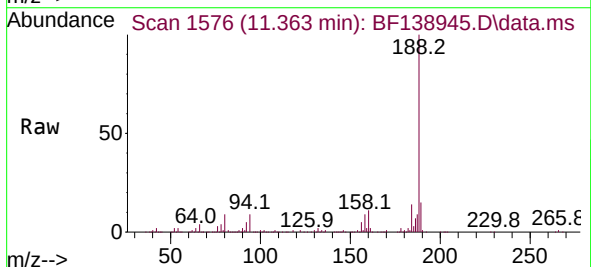
Manual Integrations
APPROVED

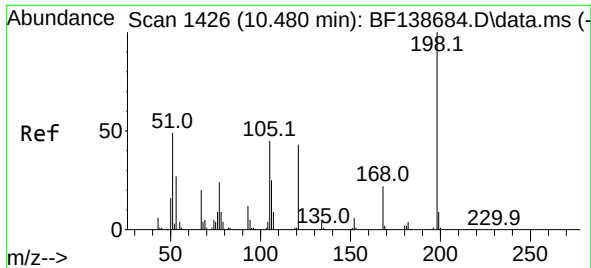
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

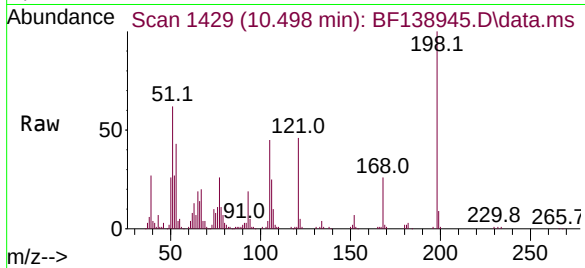
Tgt Ion:188 Resp: 181113
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.4 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 67.503 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

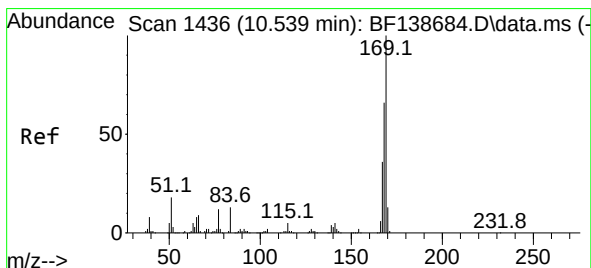
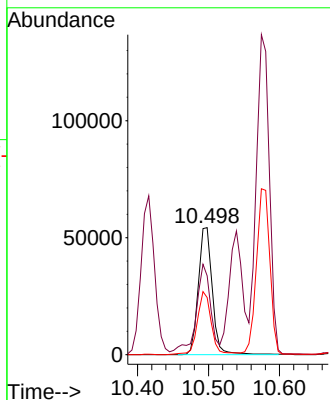
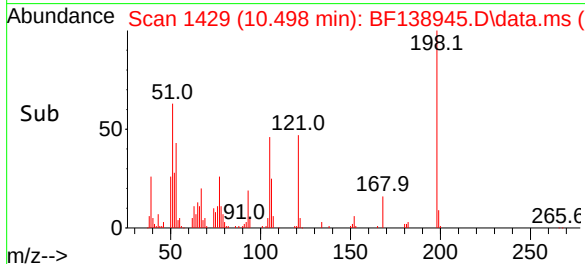
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:198 Resp: 7458
Ion Ratio Lower Upper
198 100
51 62.1 39.9 79.9
105 45.0 26.1 66.1

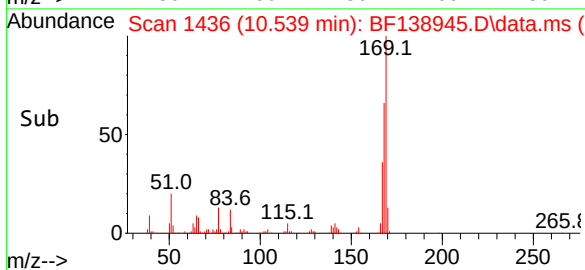
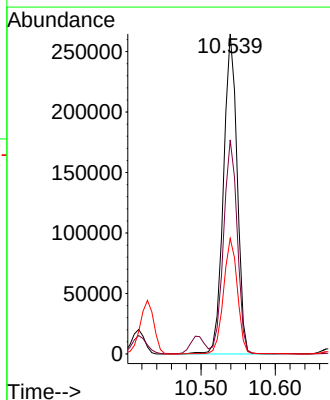
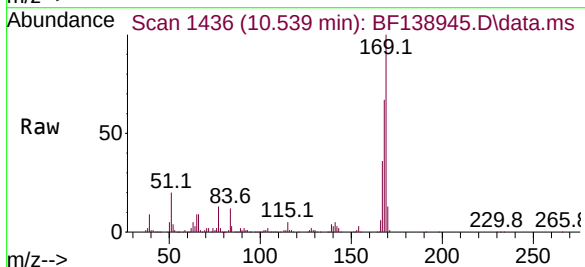
Manual Integrations
APPROVED

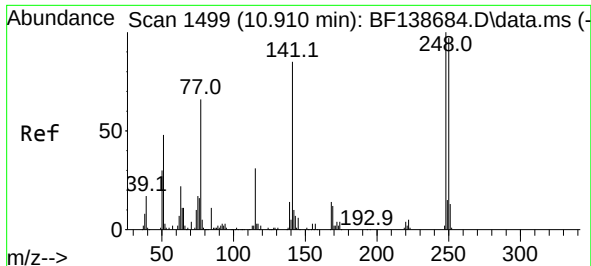
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#66
n-Nitrosodiphenylamine
Concen: 59.868 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

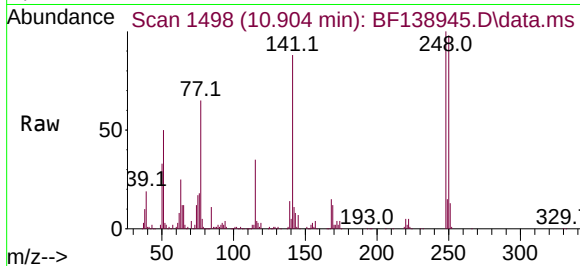
Tgt Ion:169 Resp: 338925
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 63.687 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

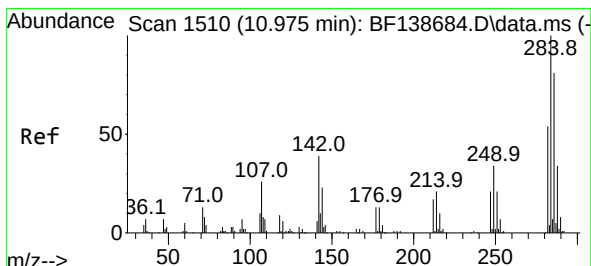
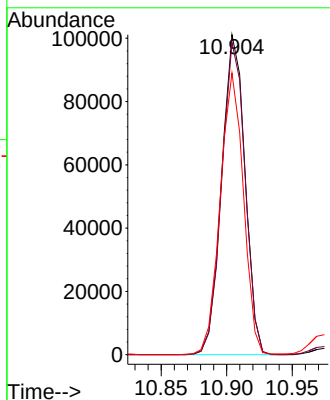
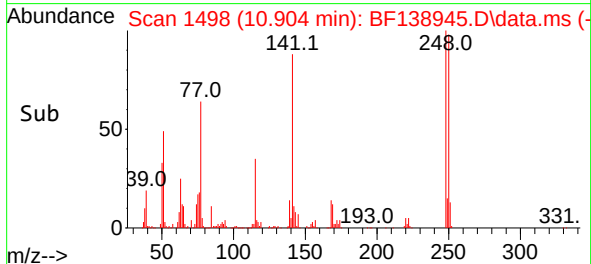
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



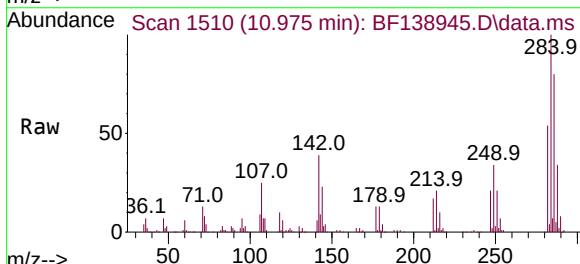
Tgt Ion:248 Resp: 12488
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 88.1 68.0 102.0

Manual Integrations
APPROVED

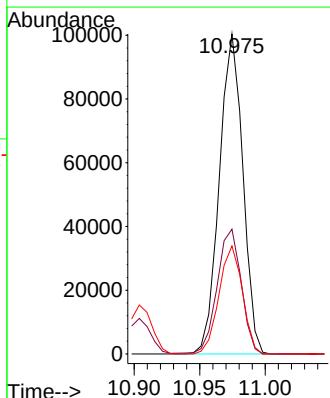
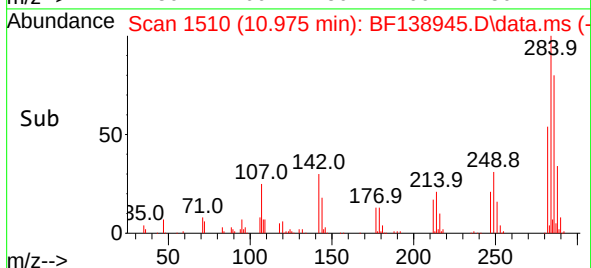
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

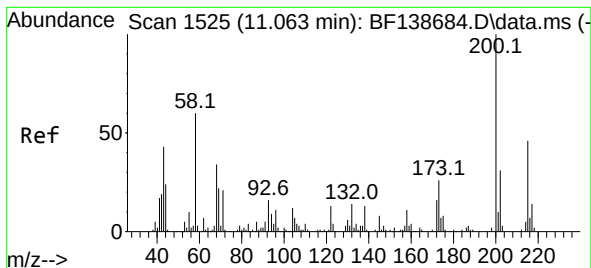


#68
Hexachlorobenzene
Concen: 61.740 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



Tgt Ion:284 Resp: 125000
Ion Ratio Lower Upper
284 100
142 39.0 31.3 46.9
249 33.8 27.2 40.8





#69

Atrazine

Concen: 44.930 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD

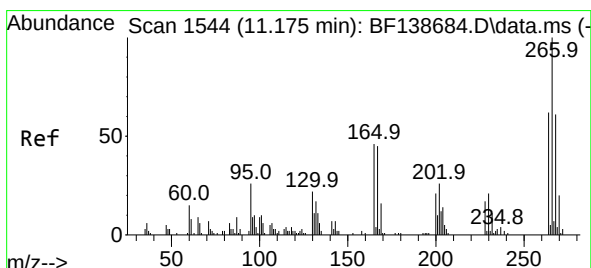
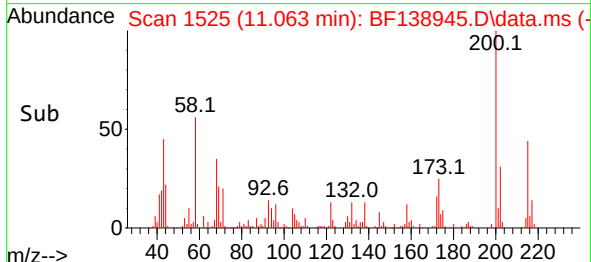
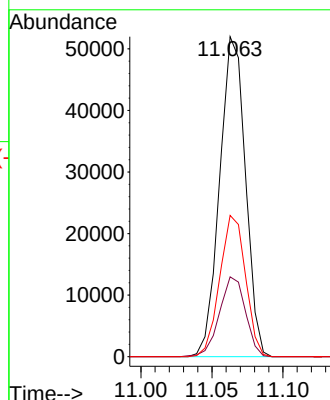
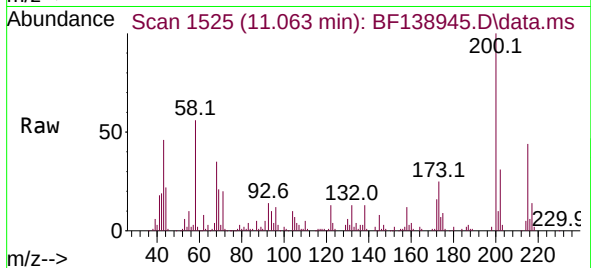
Tgt Ion:200	Resp: 65624
Ion Ratio	Lower Upper
200 100	
173 25.0	6.0 46.0
215 44.2	26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#70

Pentachlorophenol

Concen: 125.248 ng

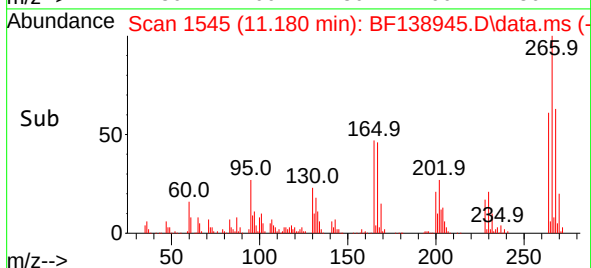
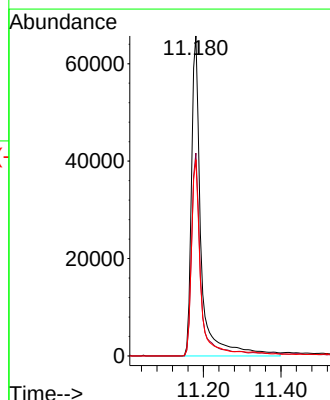
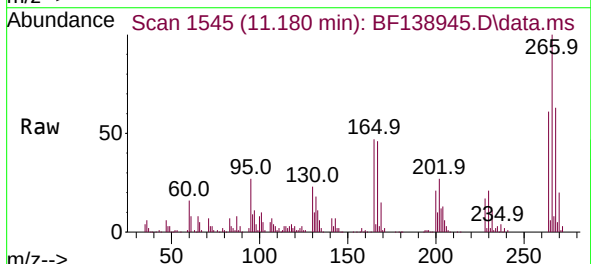
RT: 11.180 min Scan# 1545

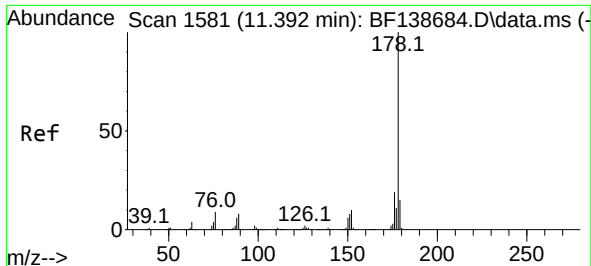
Delta R.T. 0.005 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

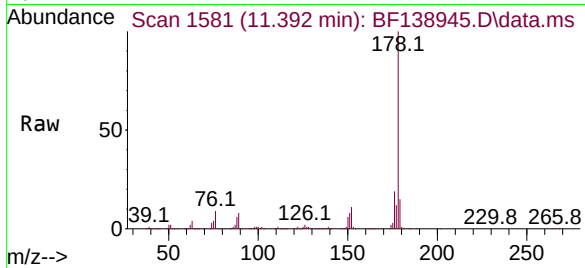
Tgt Ion:266	Resp: 114300
Ion Ratio	Lower Upper
266 100	
268 63.4	49.2 73.8
264 61.4	49.8 74.6





#71
Phenanthrene
Concen: 64.505 ng
RT: 11.392 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

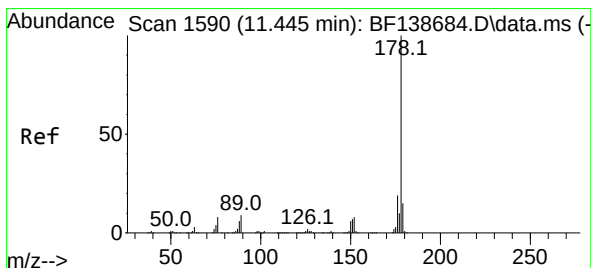
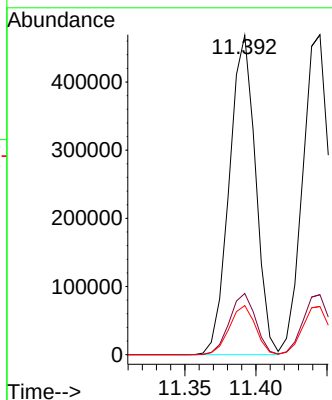
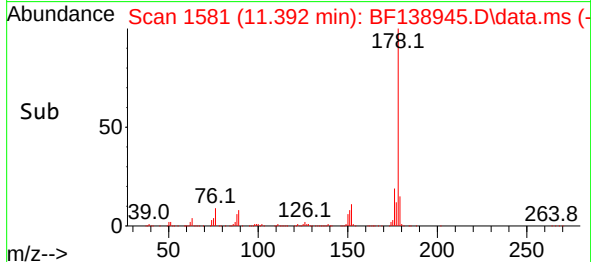
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:178 Resp: 60156
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.2 18.2

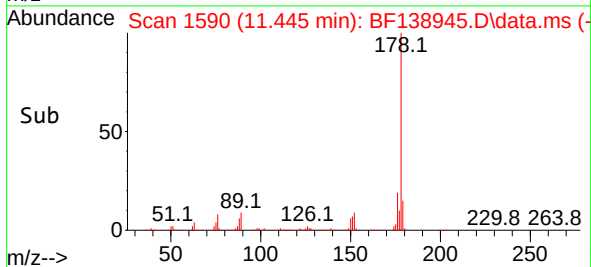
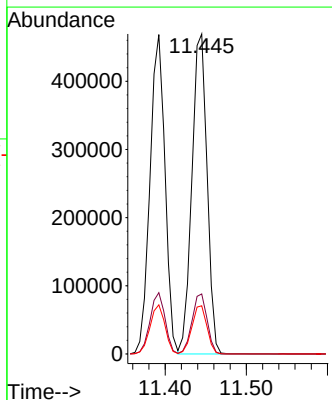
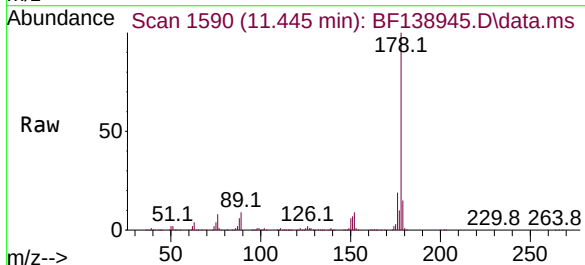
Manual Integrations
APPROVED

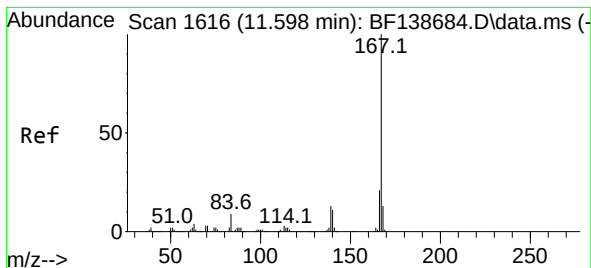
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#72
Anthracene
Concen: 66.582 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:178 Resp: 611705
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.0 12.4 18.6





#73

Carbazole

Concen: 58.516 ng

RT: 11.598 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF138945.D

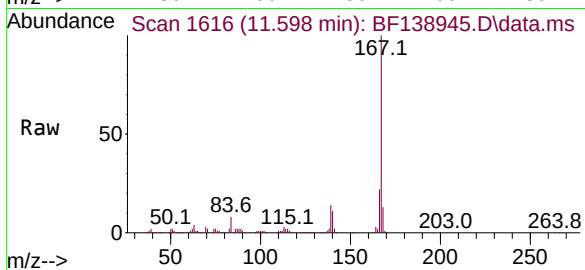
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD



Tgt Ion:167 Resp: 463810

Ion Ratio Lower Upper

167 100

166 22.4 17.2 25.8

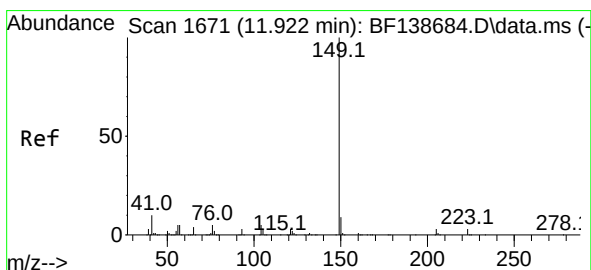
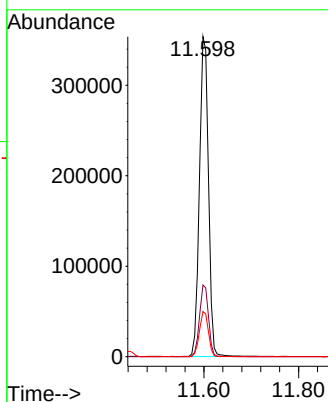
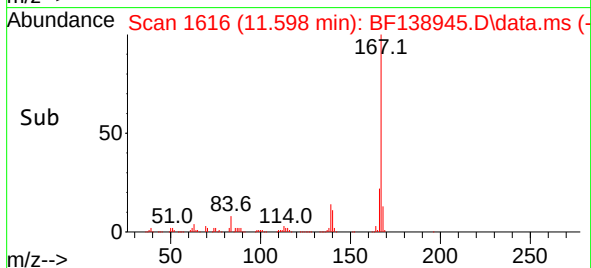
139 14.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#74

Di-n-butylphthalate

Concen: 75.481 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

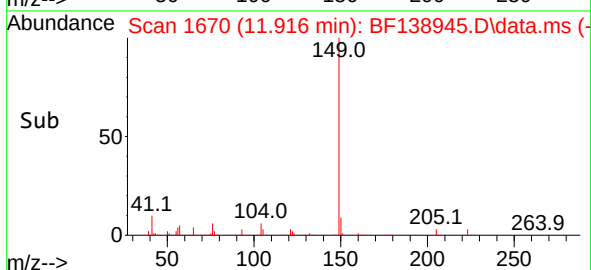
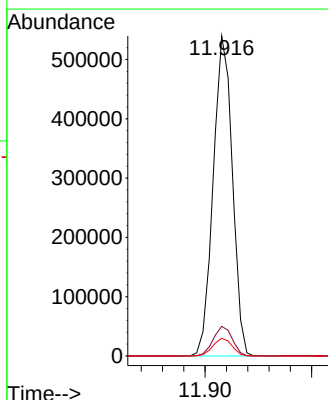
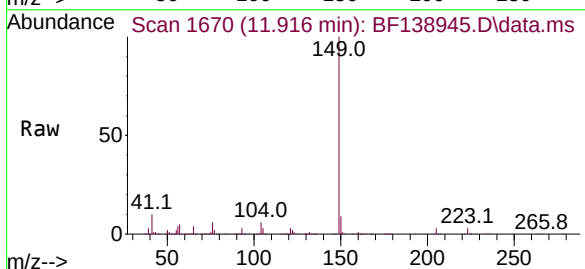
Tgt Ion:149 Resp: 672570

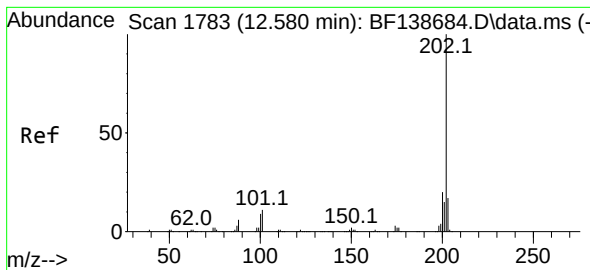
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

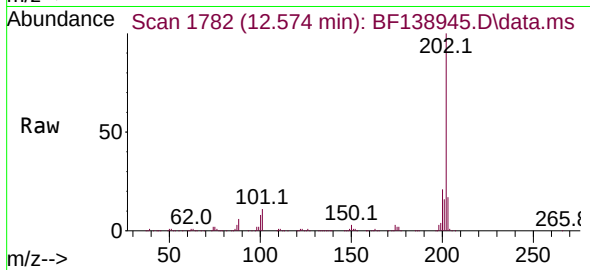
104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 63.187 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

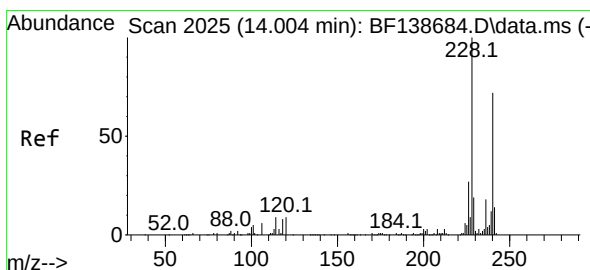
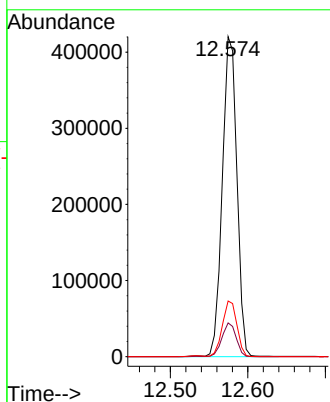
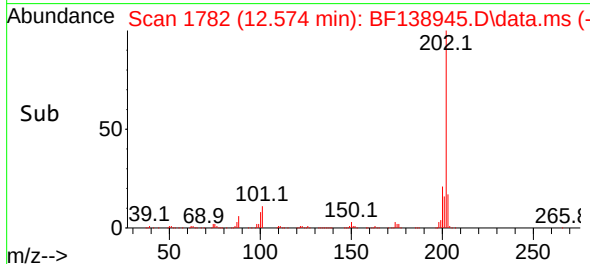
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:202 Resp: 550120
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.2
203 17.4 0.0 37.3

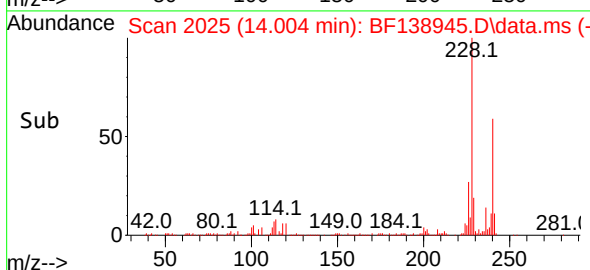
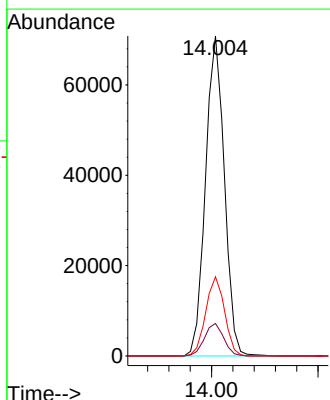
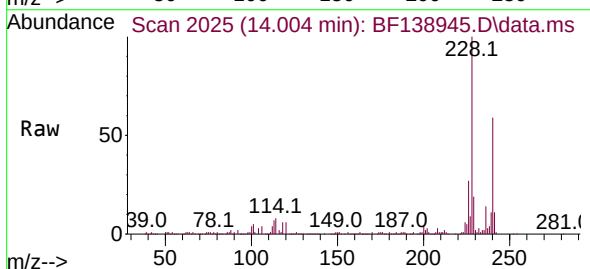
Manual Integrations
APPROVED

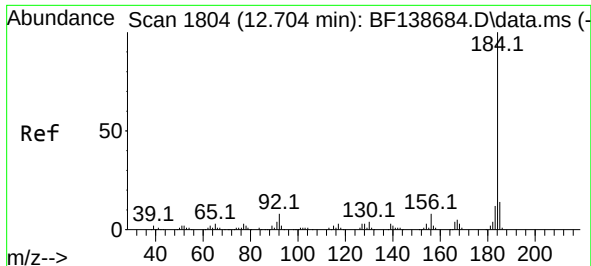
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

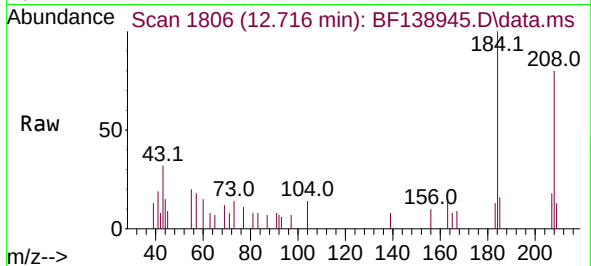
Tgt Ion:240 Resp: 87039
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 24.7 19.8 29.8





#77
Benzidine
Concen: 4.120 ng m
RT: 12.716 min Scan# 1806
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

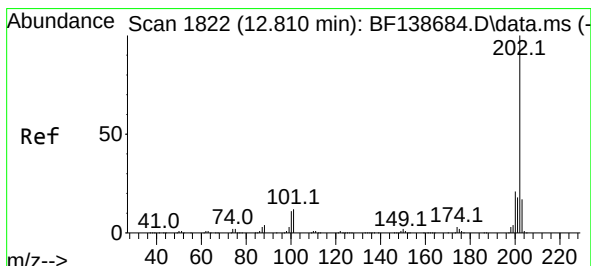
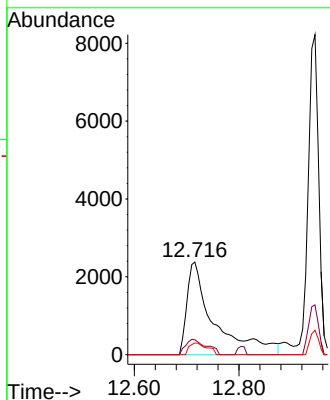
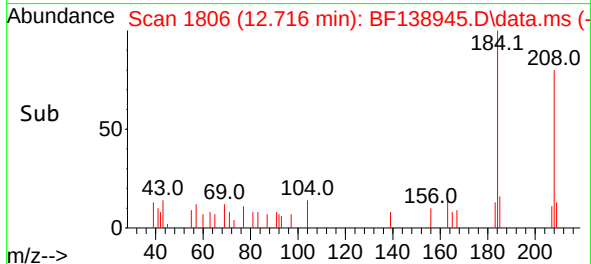
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:184 Resp: 857
Ion Ratio Lower Upper
184 100
185 16.0 11.1 16.7
183 12.6 9.6 14.4

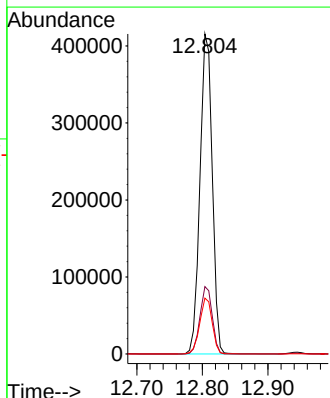
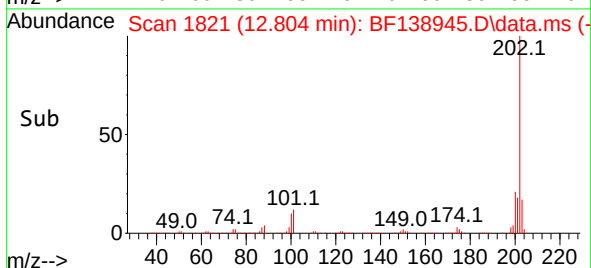
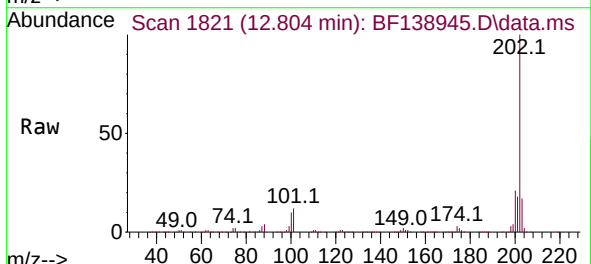
Manual Integrations
APPROVED

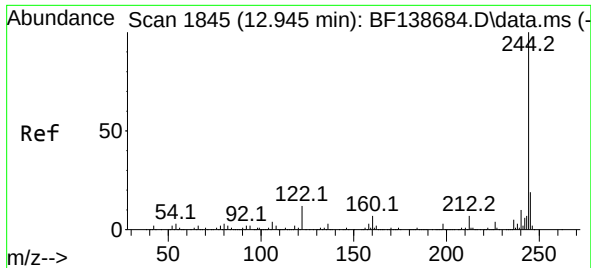
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#78
Pyrene
Concen: 66.317 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:202 Resp: 543470
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.4 13.8 20.6





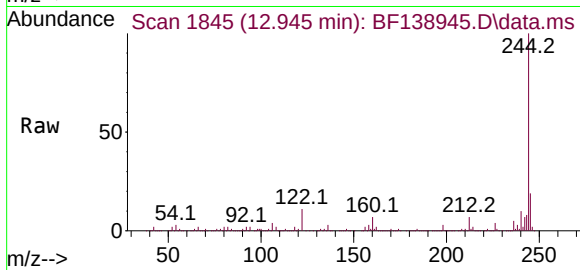
#79
Terphenyl-d14
Concen: 142.542 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD

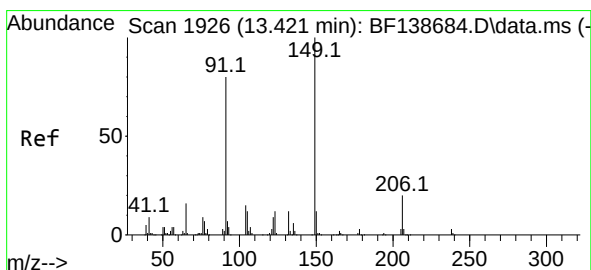
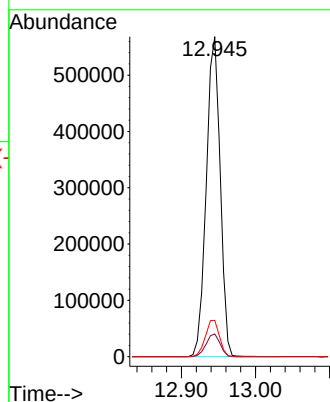
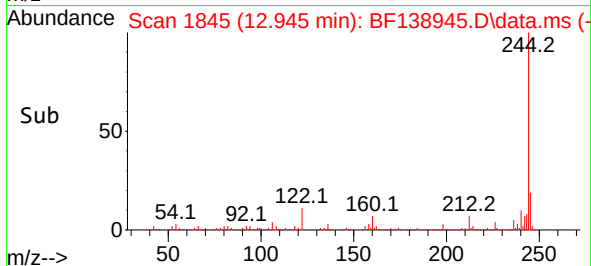


Tgt Ion:244 Resp: 74102
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.3 9.6 14.4

Manual Integrations

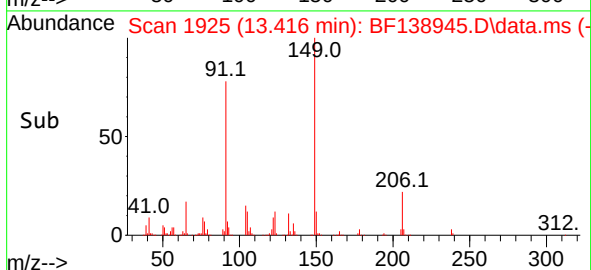
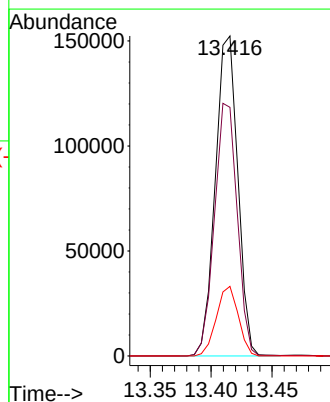
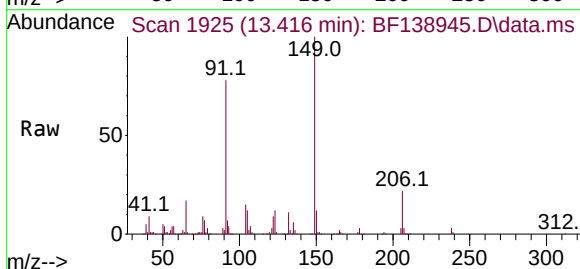
APPROVED

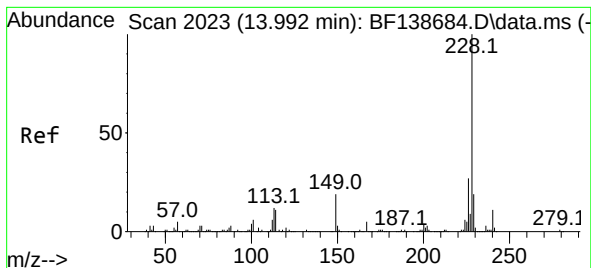
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#80
Butylbenzylphthalate
Concen: 74.738 ng
RT: 13.416 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:149 Resp: 196131
Ion Ratio Lower Upper
149 100
91 77.7 63.7 95.5
206 21.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 62.870 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF138945.D

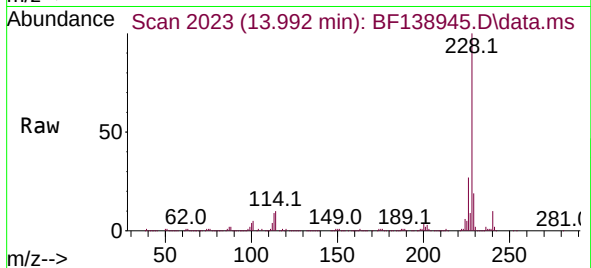
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD



Tgt Ion:228 Resp: 37682

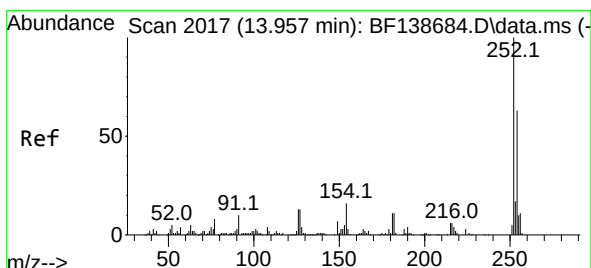
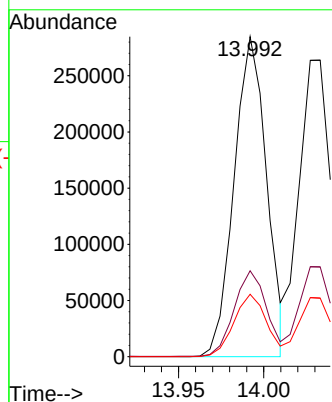
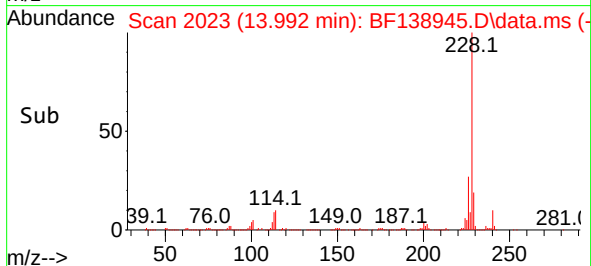
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.5	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#82

3,3'-Dichlorobenzidine

Concen: 13.313 ng

RT: 13.957 min Scan# 2017

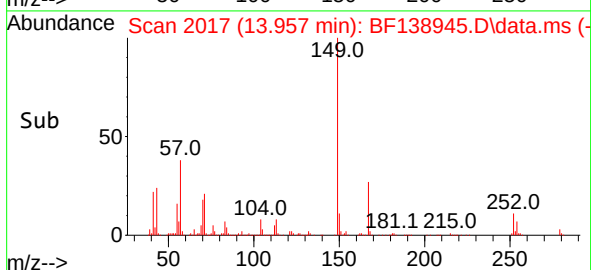
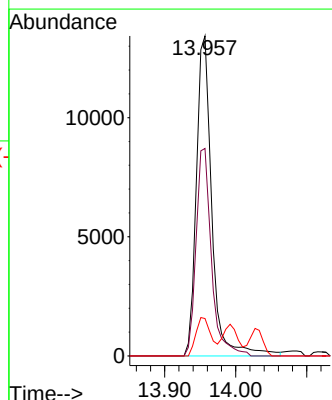
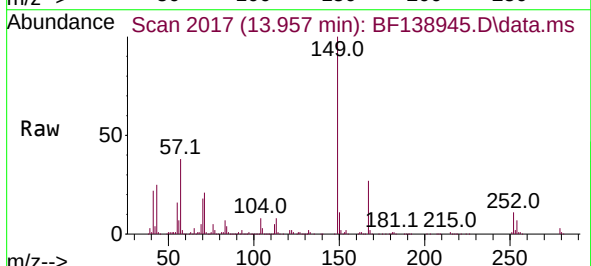
Delta R.T. -0.000 min

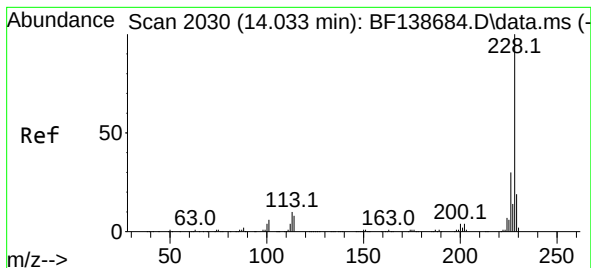
Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

Tgt Ion:252 Resp: 20420

Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.8	76.2
126	11.7	10.2	15.2





#83

Chrysene

Concen: 63.958 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138945.D

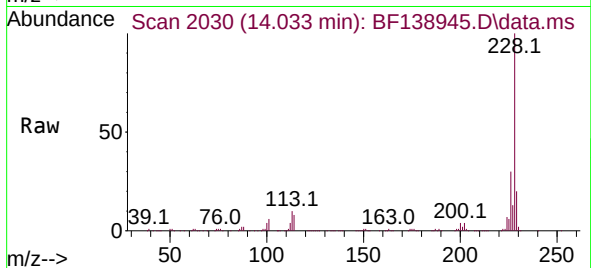
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD



Tgt Ion: 228 Resp: 34584

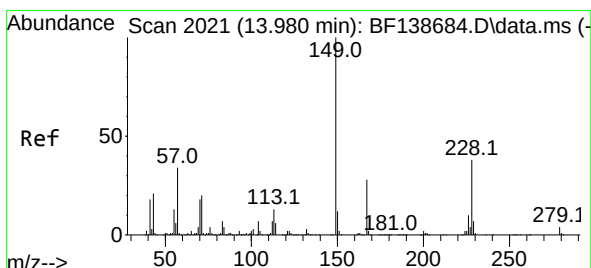
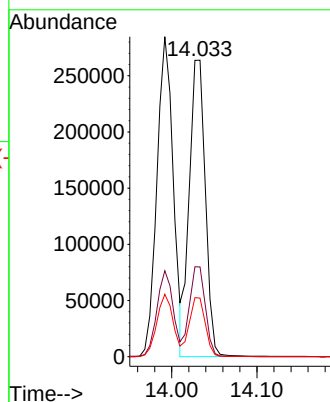
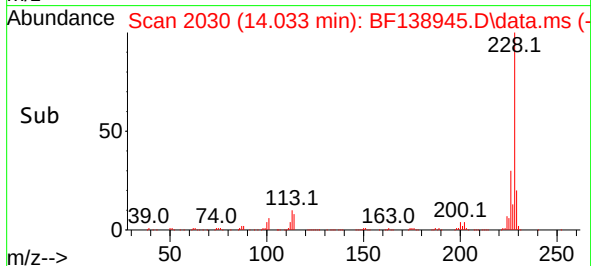
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	19.8	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.401 ng

RT: 13.963 min Scan# 2018

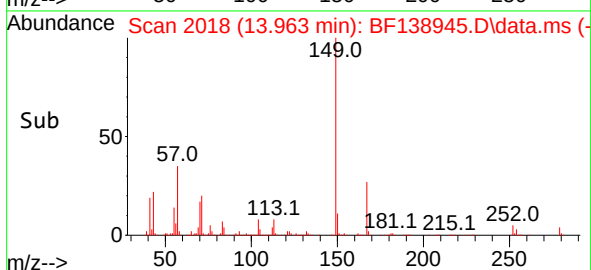
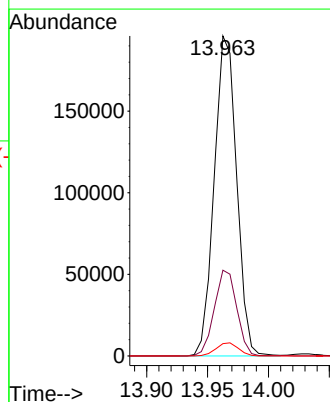
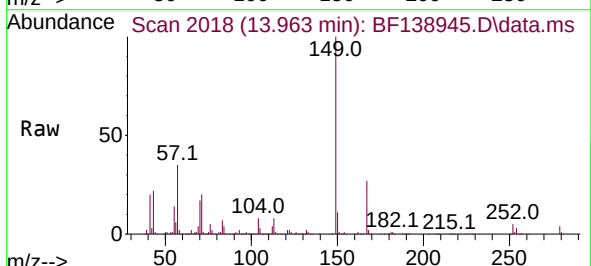
Delta R.T. -0.018 min

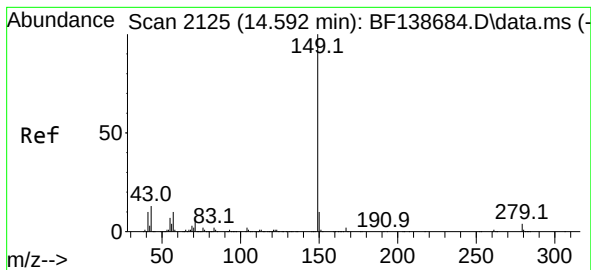
Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

Tgt Ion: 149 Resp: 251324

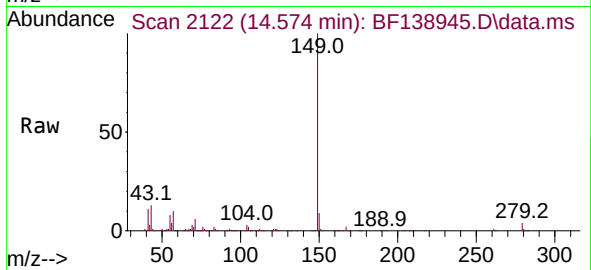
Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.4
279	3.9	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 56.129 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

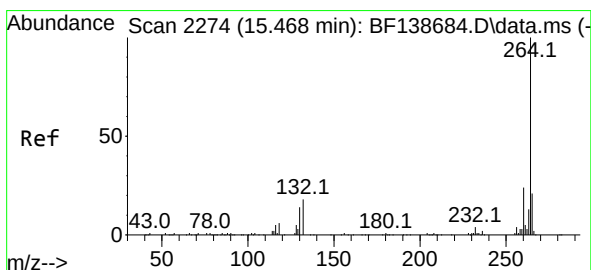
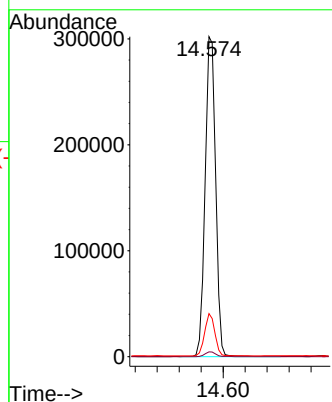
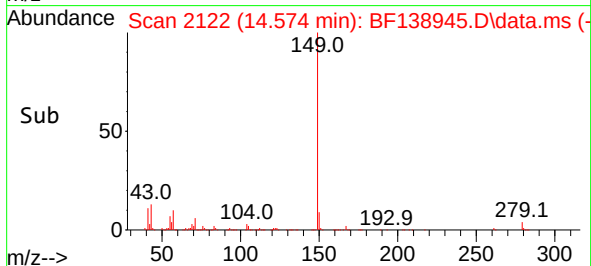
Instrument :
BNA_F
ClientSampleId :
RT4534MSD



Tgt Ion:149 Resp: 399068
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.8 10.4 15.6

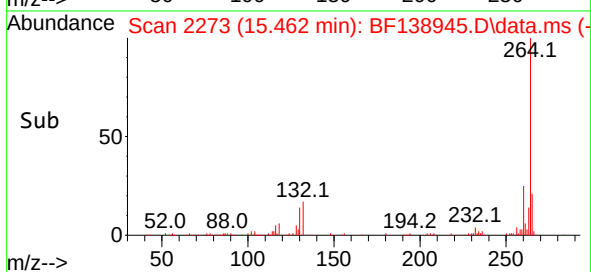
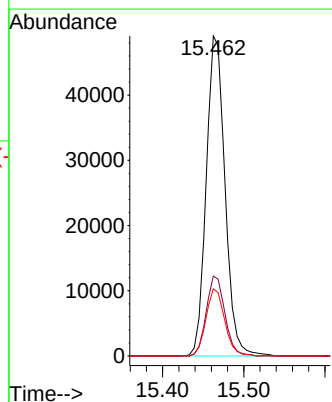
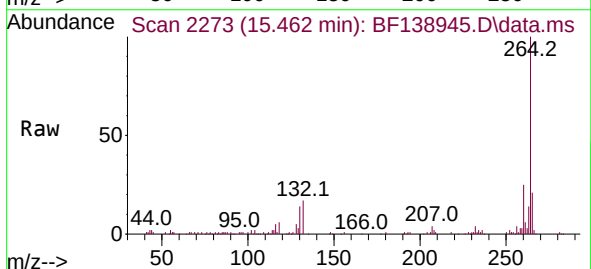
Manual Integrations
APPROVED

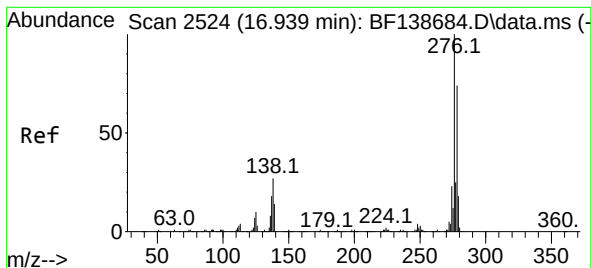
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:264 Resp: 78700
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 21.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.435 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD

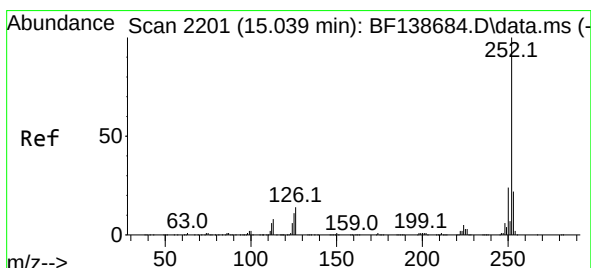
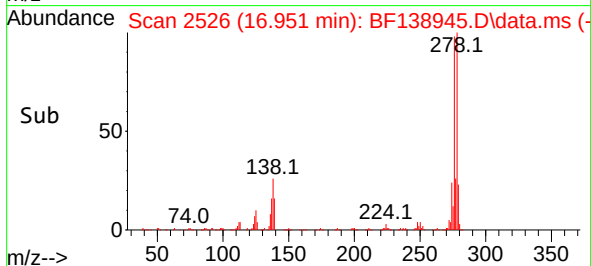
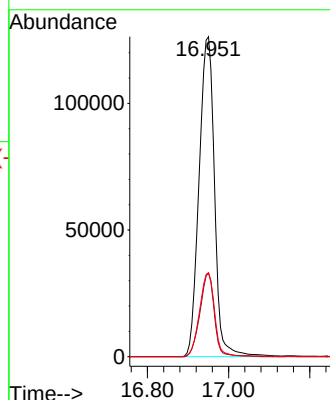
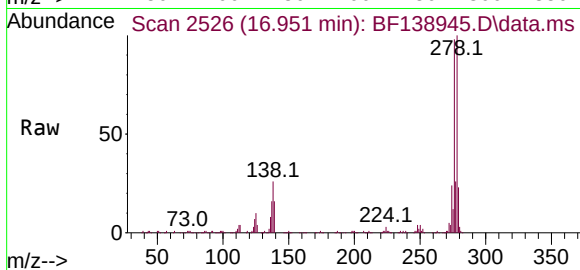
Tgt Ion:	276	Resp:	33521
Ion Ratio	Lower	Upper	
276	100		
138	24.2	21.8	32.8
277	25.5	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#88

Benzo(b)fluoranthene

Concen: 70.297 ng

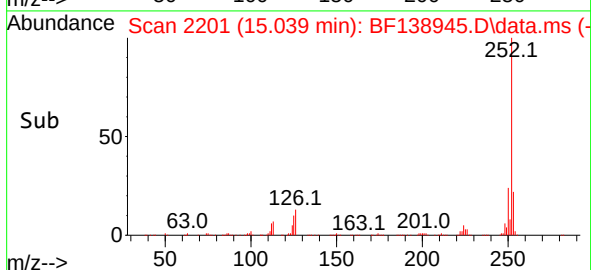
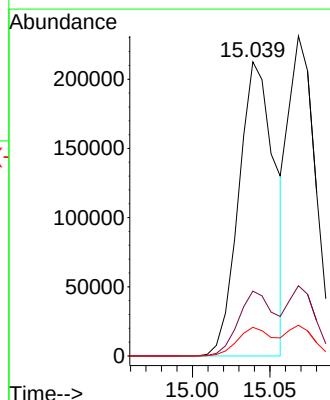
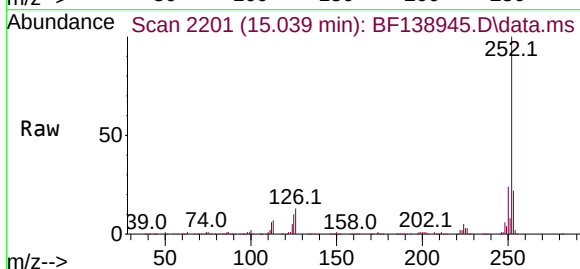
RT: 15.039 min Scan# 2201

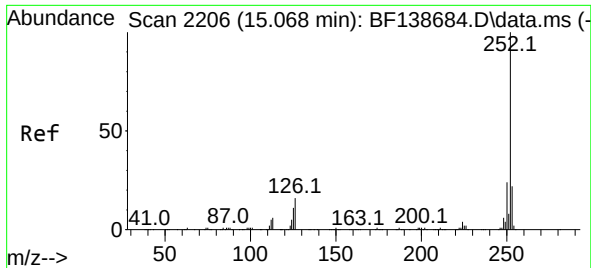
Delta R.T. -0.000 min

Lab File: BF138945.D

Acq: 12 Aug 2024 20:58

Tgt Ion:	252	Resp:	342951
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	9.7	8.9	13.3





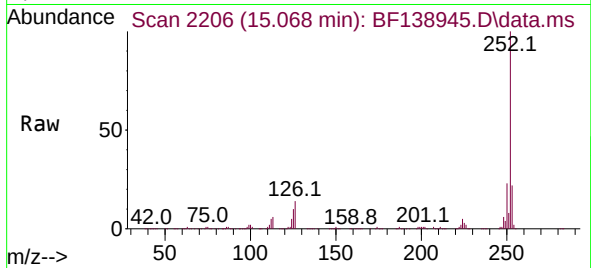
#89
Benzo(k)fluoranthene
Concen: 66.726 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :

BNA_F

ClientSampleId :

RT4534MSD

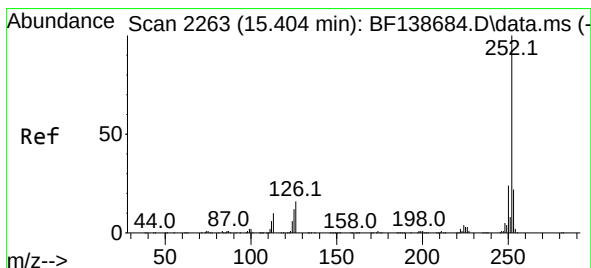
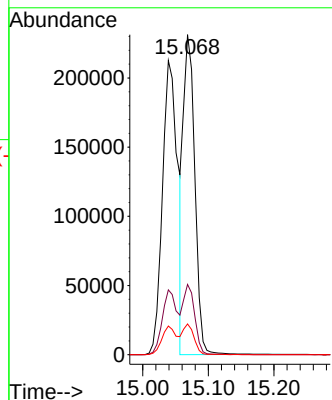
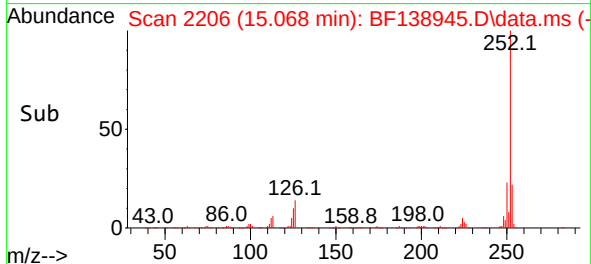


Tgt Ion:252 Resp: 28185
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.6 8.6 13.0

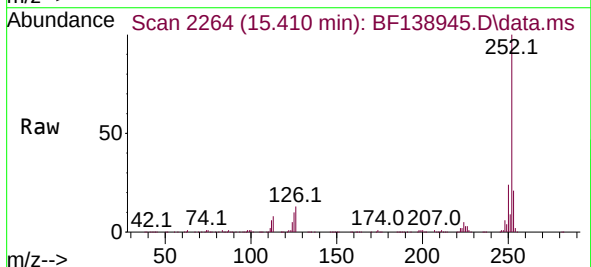
Manual Integrations

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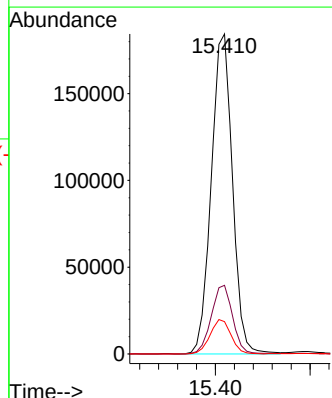
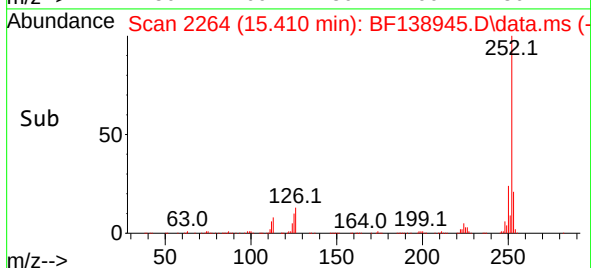
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

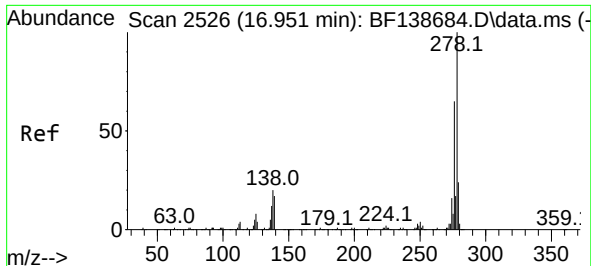


#90
Benzo(a)pyrene
Concen: 69.815 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58



Tgt Ion:252 Resp: 286494
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.1 9.5 14.3





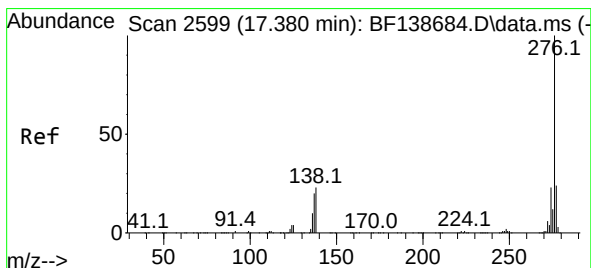
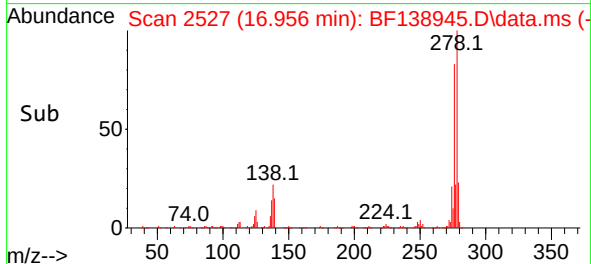
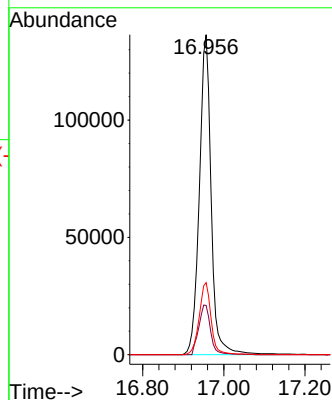
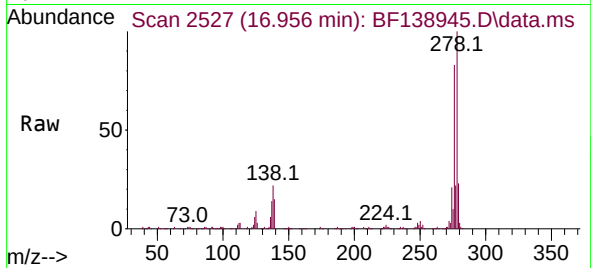
#91
Dibenzo(a,h)anthracene
Concen: 59.767 ng
RT: 16.956 min Scan# 2526
Delta R.T. 0.006 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Instrument :
BNA_F
ClientSampleId :
RT4534MSD

Tgt Ion:278 Resp: 276702
Ion Ratio Lower Upper
278 100
139 15.4 14.0 21.0
279 22.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#92
Benzo(g,h,i)perylene
Concen: 50.082 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138945.D
Acq: 12 Aug 2024 20:58

Tgt Ion:276 Resp: 240603
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 18.9 18.5 27.7

