

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138951.D
 Acq On : 12 Aug 2024 23:57
 Operator : RC/JU
 Sample : P3478-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS04MSD

Quant Time: Aug 13 01:04:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45355	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	191758	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	111683	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	190822	20.000	ng	0.00
76) Chrysene-d12	14.004	240	91973	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	89724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	207529	70.632	ng	0.00
7) Phenol-d6	6.487	99	233692	59.241	ng	0.00
23) Nitrobenzene-d5	7.410	82	426409	108.719	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	153100	167.353	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	780272	104.972	ng	0.00
79) Terphenyl-d14	12.945	244	712715	129.742	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	21525	16.734	ng	# 92
3) Pyridine	3.416	79	42301	13.575	ng	97
4) n-Nitrosodimethylamine	3.351	42	45046	24.272	ng	83
6) Aniline	6.504	93	90862	25.828	ng	# 61
8) 2-Chlorophenol	6.634	128	157759	51.034	ng	97
9) Benzaldehyde	6.398	77	5775	2.442	ng	98
10) Phenol	6.498	94	97542	23.485	ng	# 77
11) bis(2-Chloroethyl)ether	6.575	93	175013	54.757	ng	99
12) 1,3-Dichlorobenzene	6.781	146	152868	44.177	ng	98
13) 1,4-Dichlorobenzene	6.857	146	162518	46.539	ng	100
14) 1,2-Dichlorobenzene	7.010	146	154007	47.189	ng	98
15) Benzyl Alcohol	6.992	79	111782	39.316	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	299012	54.361	ng	62
17) 2-Methylphenol	7.110	107	122642	48.046	ng	# 81
18) Hexachloroethane	7.345	117	59538	45.293	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	152404	63.966	ng	98
20) 3+4-Methylphenols	7.263	107	149381	45.611	ng	# 85
22) Acetophenone	7.251	105	261130	55.617	ng	# 96
24) Nitrobenzene	7.434	77	224910	56.354	ng	98
25) Isophorone	7.669	82	406303	60.668	ng	98
26) 2-Nitrophenol	7.745	139	100040	58.262	ng	94
27) 2,4-Dimethylphenol	7.787	122	126262	61.459	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	235258	57.684	ng	99
29) 2,4-Dichlorophenol	7.992	162	152279	57.683	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	159499	52.354	ng	97
31) Naphthalene	8.145	128	552525	54.740	ng	99
32) Benzoic acid	7.904	122	15027	9.305	ng	86
33) 4-Chloroaniline	8.198	127	64362	18.996	ng	98
34) Hexachlorobutadiene	8.251	225	90728	49.168	ng	99
35) Caprolactam	8.598	113	6692	8.495	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	183064	60.677	ng	100
37) 2-Methylnaphthalene	8.833	142	380863	59.747	ng	100
38) 1-Methylnaphthalene	8.933	142	349632	55.972	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	164217	52.932	ng	98
41) Hexachlorocyclopentadiene	8.981	237	113257	132.879	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	103181	54.547	ng	100

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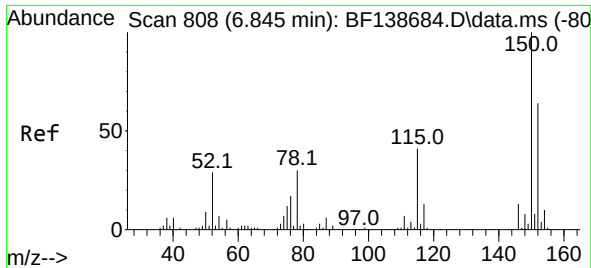
Quant Time: Aug 13 01:04:07 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	111023	53.689	ng	98
46) 1,1'-Biphenyl	9.298	154	463720	53.016	ng	99
47) 2-Chloronaphthalene	9.328	162	361109	55.510	ng	99
48) 2-Nitroaniline	9.433	65	135600	61.486	ng	98
49) Acenaphthylene	9.739	152	578138	62.661	ng	100
50) Dimethylphthalate	9.604	163	480900	67.342	ng	99
51) 2,6-Dinitrotoluene	9.675	165	96830	60.082	ng	90
52) Acenaphthene	9.910	154	353916	57.063	ng	100
53) 3-Nitroaniline	9.845	138	47586	28.562	ng	92
54) 2,4-Dinitrophenol	9.963	184	87006	117.277	ng	89
55) Dibenzofuran	10.086	168	527094	60.205	ng	99
56) 4-Nitrophenol	10.033	139	18058	18.024	ng	# 68
57) 2,4-Dinitrotoluene	10.080	165	132327	64.356	ng	# 83
58) Fluorene	10.428	166	430943	61.811	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	93662	59.244	ng	97
60) Diethylphthalate	10.298	149	447710	66.121	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	210248	61.316	ng	96
62) 4-Nitroaniline	10.463	138	84418	53.318	ng	85
63) Azobenzene	10.575	77	470233	62.616	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	71616	61.516	ng	93
66) n-Nitrosodiphenylamine	10.539	169	370642	62.139	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	123123	59.595	ng	97
68) Hexachlorobenzene	10.975	284	124511	58.369	ng	99
69) Atrazine	11.069	200	106395	69.137	ng	98
70) Pentachlorophenol	11.180	266	80330	83.546	ng	98
71) Phenanthrene	11.392	178	599208	60.983	ng	100
72) Anthracene	11.445	178	610848	63.106	ng	100
73) Carbazole	11.598	167	491750	58.884	ng	99
74) Di-n-butylphthalate	11.916	149	663660	70.692	ng	99
75) Fluoranthene	12.574	202	534614	58.281	ng	99
77) Benzidine	12.704	184	12343	5.611	ng	96
78) Pyrene	12.804	202	524964	60.623	ng	100
80) Butylbenzylphthalate	13.410	149	189731	68.420	ng	99
81) Benzo(a)anthracene	13.992	228	380076	60.011	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	72314	44.617	ng	99
83) Chrysene	14.027	228	349687	61.198	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	250774	61.757	ng	99
85) Di-n-octyl phthalate	14.574	149	400870	53.358	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	370866	57.678	ng	96
88) Benzo(b)fluoranthene	15.039	252	317870	57.150	ng	98
89) Benzo(k)fluoranthene	15.068	252	326869m	67.876	ng	
90) Benzo(a)pyrene	15.404	252	299330	63.981	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	297279	56.322	ng	98
92) Benzo(g,h,i)perylene	17.386	276	274937	50.197	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138951.D
 Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

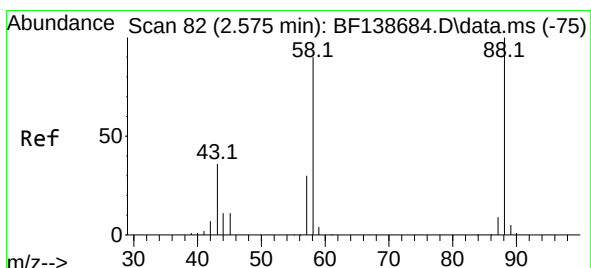
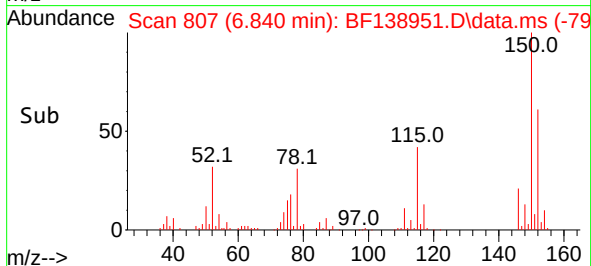
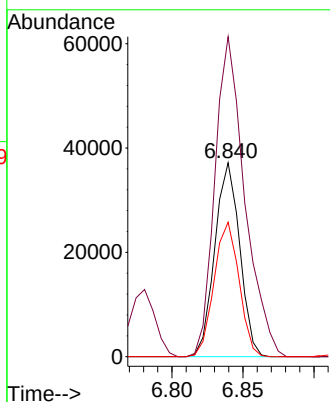
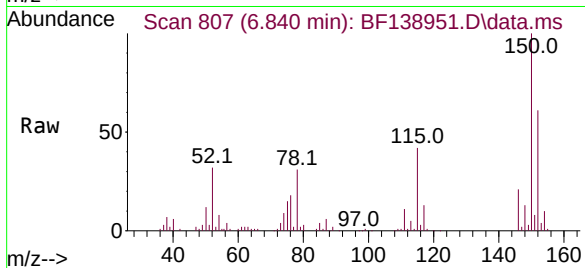
TS04MSD

Tgt Ion:152 Resp: 4535
 Ion Ratio Lower Upper
 152 100
 150 165.0 126.0 189.0
 115 69.3 51.7 77.5

Manual Integrations

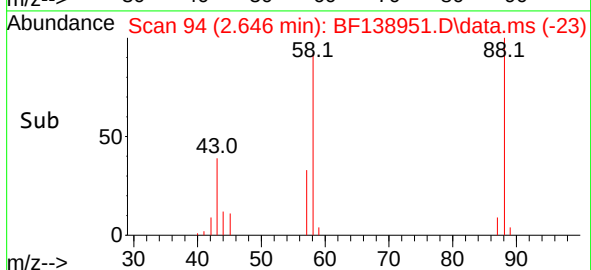
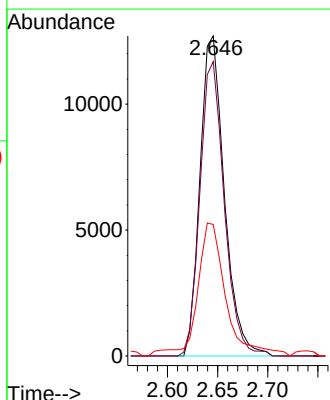
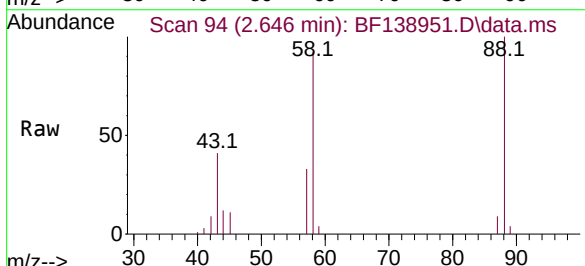
APPROVED

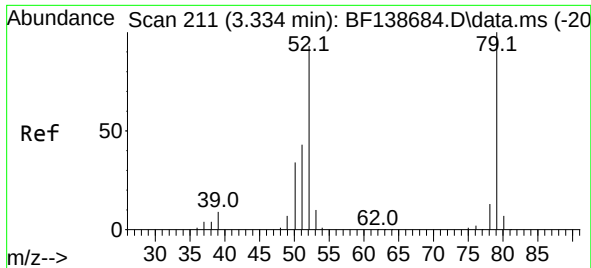
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#2
 1,4-Dioxane
 Concen: 16.734 ng
 RT: 2.646 min Scan# 94
 Delta R.T. 0.071 min
 Lab File: BF138951.D
 Acq: 12 Aug 2024 23:57

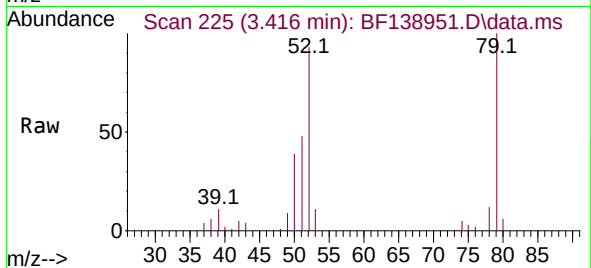
Tgt Ion: 88 Resp: 21525
 Ion Ratio Lower Upper
 88 100
 58 91.8 71.6 107.4
 43 48.2 28.7 43.1#





#3
Pyridine
Concen: 13.575 ng
RT: 3.416 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

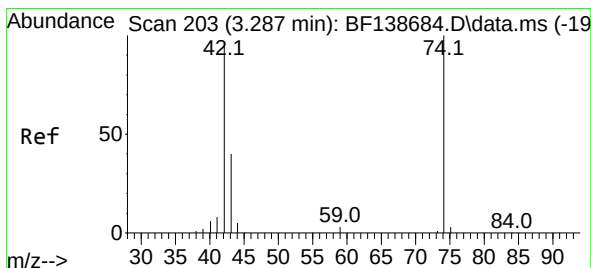
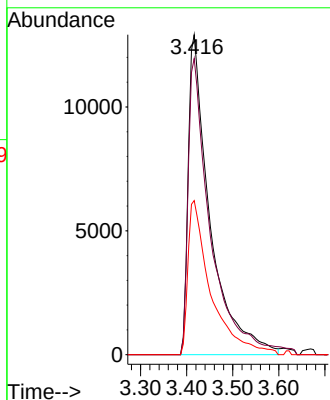
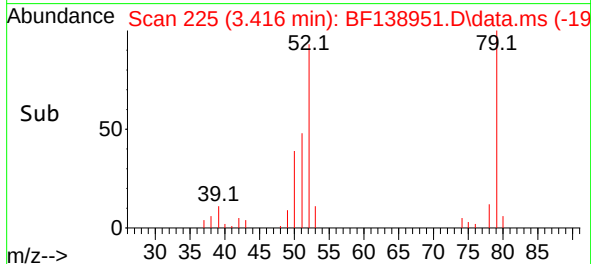
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ClientSampleId :
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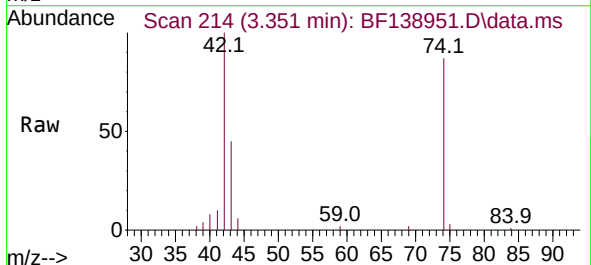
Tgt Ion: 79 Resp: 4230
Ion Ratio Lower Upper
79 100
52 92.6 74.7 112.1
51 48.2 34.6 51.8

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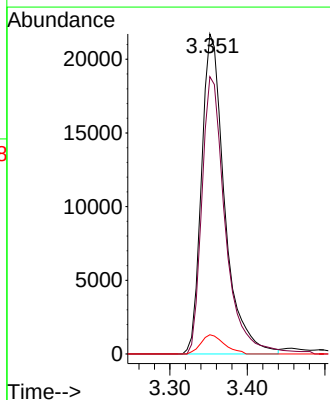
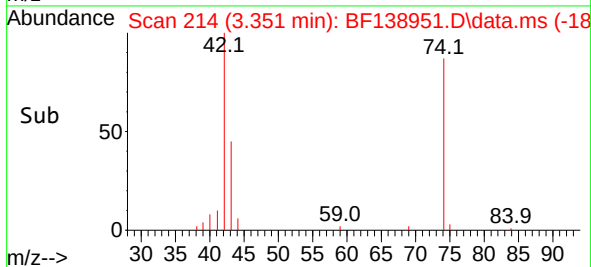
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

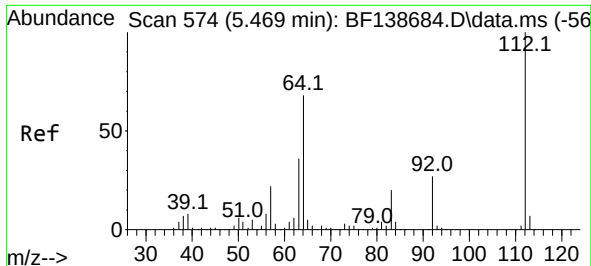


#4
n-Nitrosodimethylamine
Concen: 24.272 ng
RT: 3.351 min Scan# 214
Delta R.T. 0.065 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



Tgt Ion: 42 Resp: 45046
Ion Ratio Lower Upper
42 100
74 86.7 84.2 126.4
44 6.0 4.9 7.3





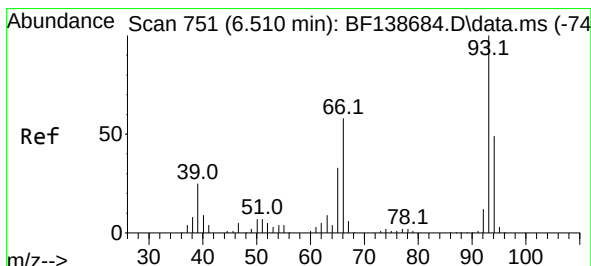
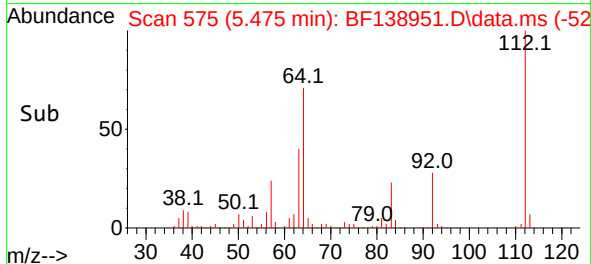
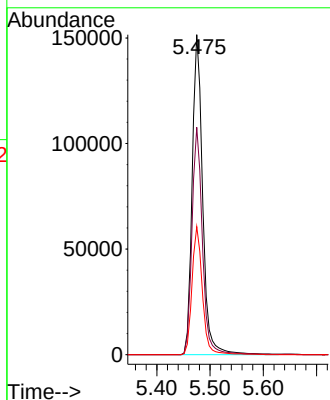
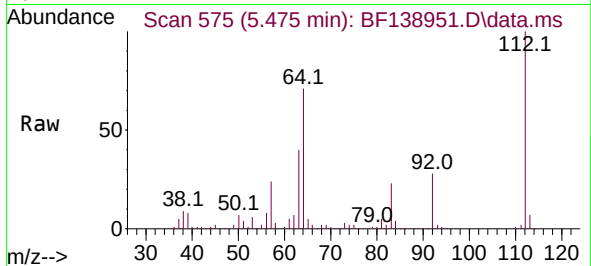
#5
2-Fluorophenol
Concen: 70.632 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 207529
Ion Ratio Lower Upper
112 100
64 71.1 54.2 81.4
63 40.0 28.7 43.1

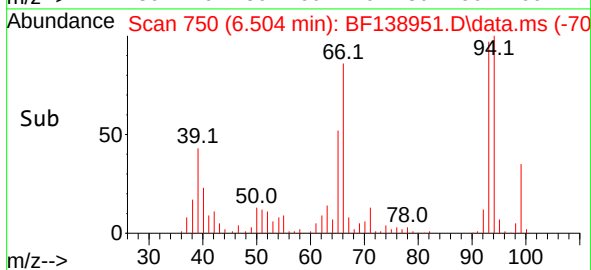
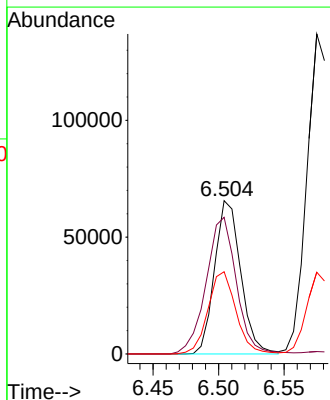
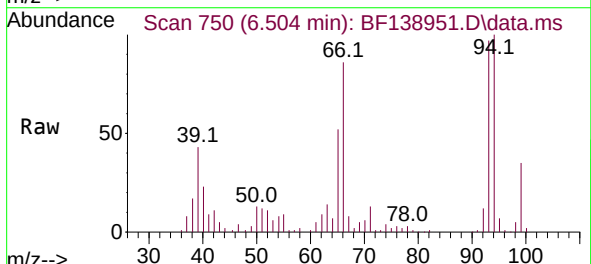
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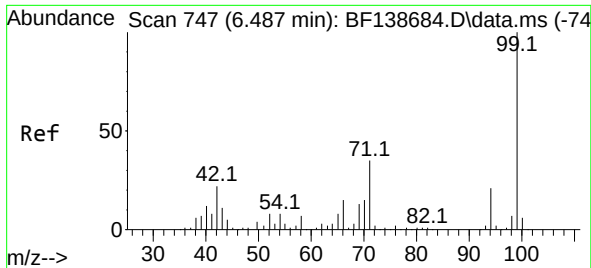
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#6
Aniline
Concen: 25.828 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

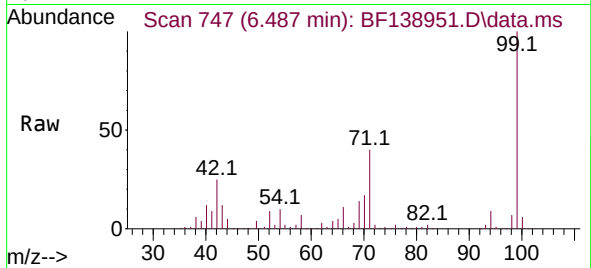
Tgt Ion: 93 Resp: 90862
Ion Ratio Lower Upper
93 100
66 89.1 46.9 70.3#
65 53.6 26.5 39.7#





#7
Phenol-d6
Concen: 59.241 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

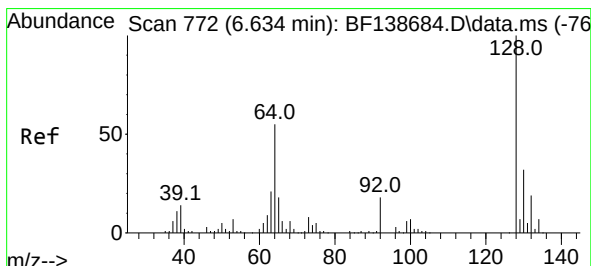
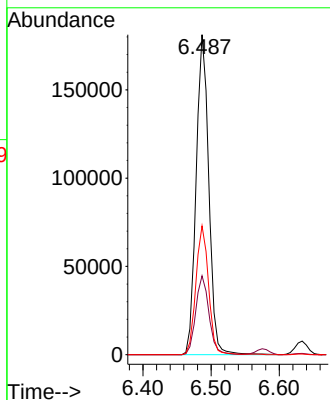
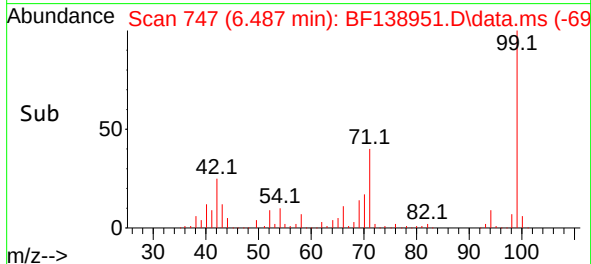
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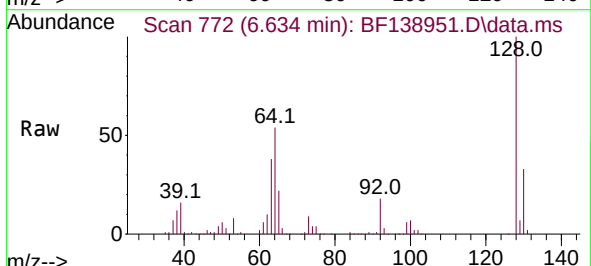
Tgt Ion: 99 Resp: 233692
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 40.2 28.1 42.1

Manual Integrations
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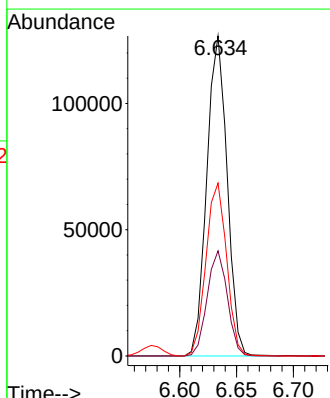
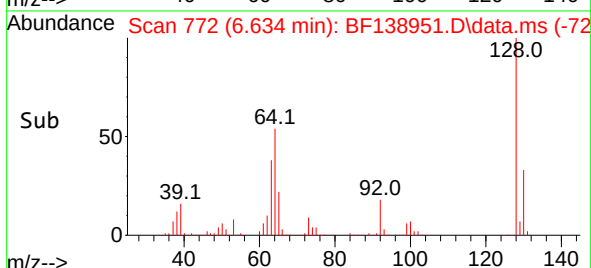
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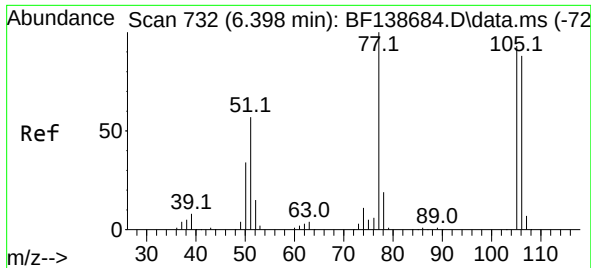


#8
2-Chlorophenol
Concen: 51.034 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



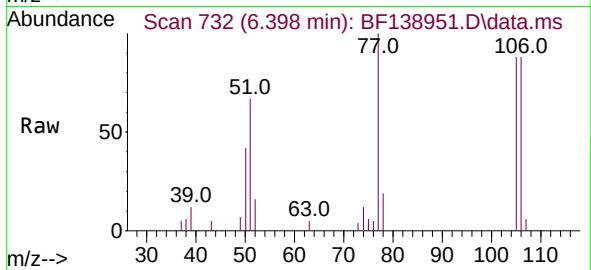
Tgt Ion:128 Resp: 157759
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 54.0 36.3 76.3





#9
Benzaldehyde
Concen: 2.442 ng
RT: 6.398 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

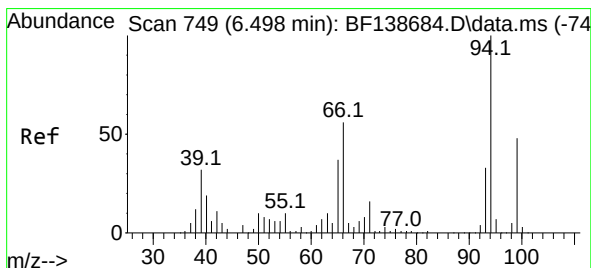
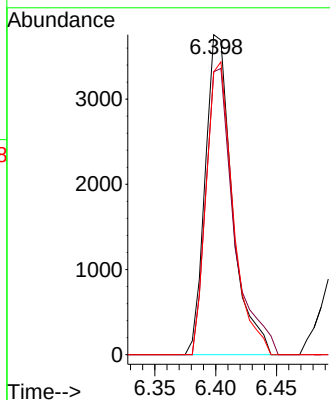
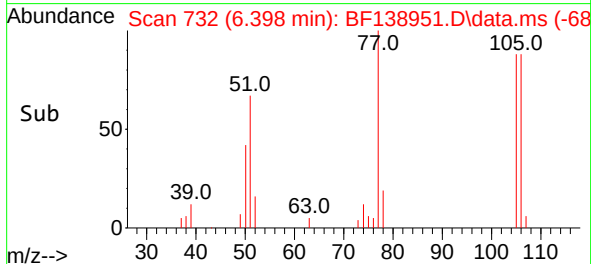
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion: 77	Resp: 577
Ion Ratio	Lower Upper
77	100
105	88.4 72.9 112.9
106	88.4 68.4 108.4

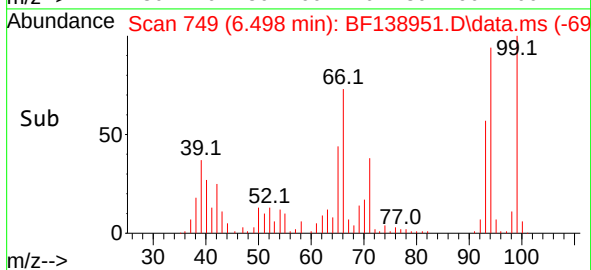
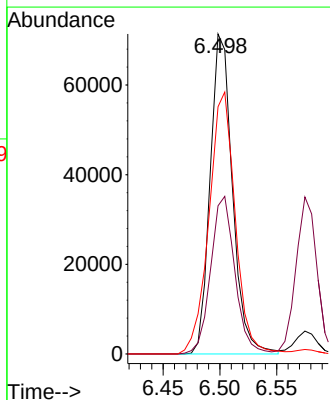
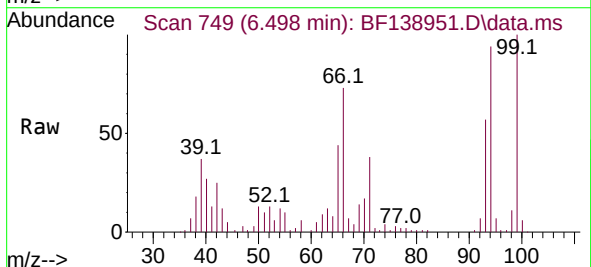
Manual Integrations
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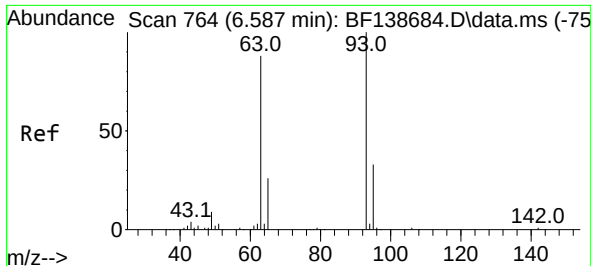
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Phenol
Concen: 23.485 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion: 94	Resp: 97542
Ion Ratio	Lower Upper
94	100
65	46.3 16.9 56.9
66	77.3 36.5 76.5





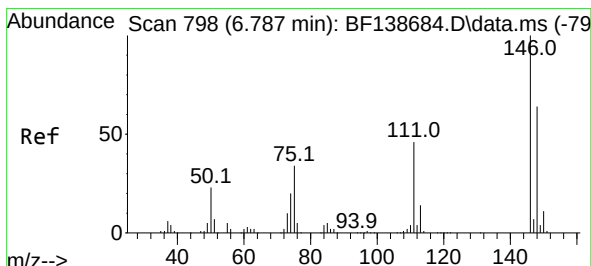
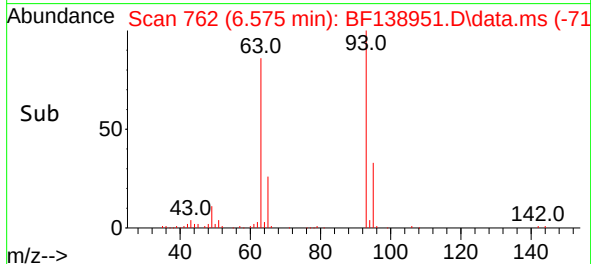
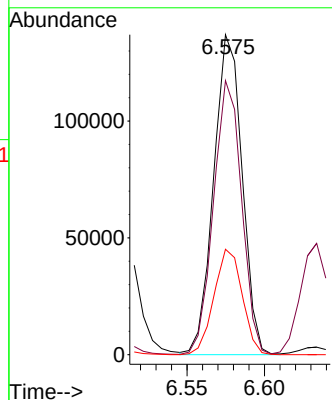
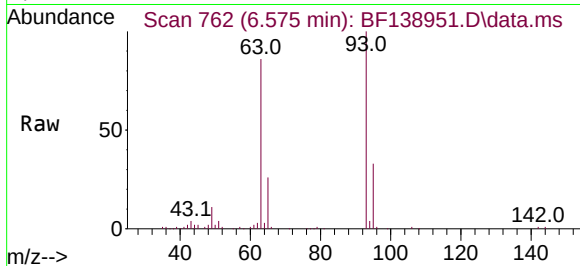
#11
bis(2-Chloroethyl)ether
Concen: 54.757 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion: 93 Resp: 17501
Ion Ratio Lower Upper
93 100
63 85.7 65.3 105.3
95 33.0 12.4 52.4

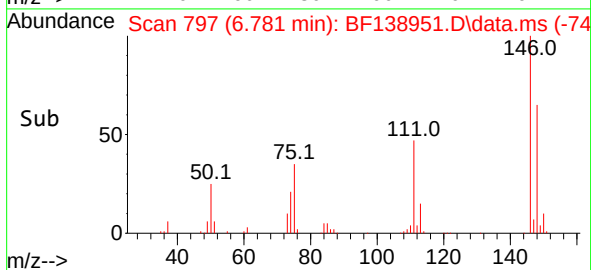
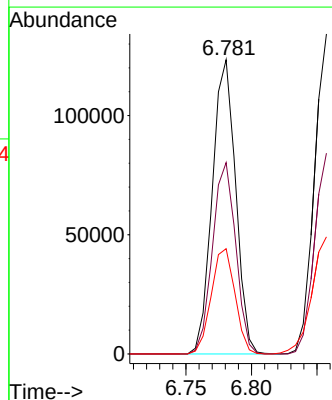
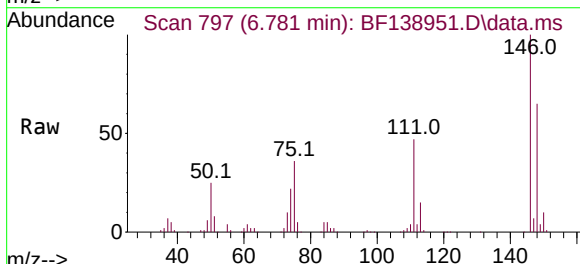
Manual Integrations
APPROVED

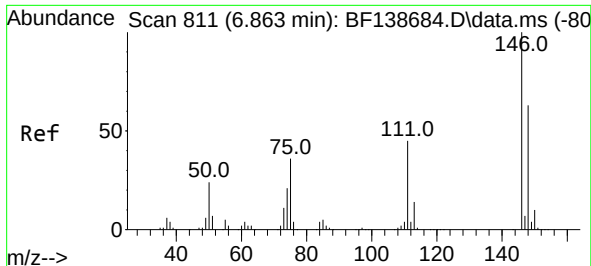
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#12
1,3-Dichlorobenzene
Concen: 44.177 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

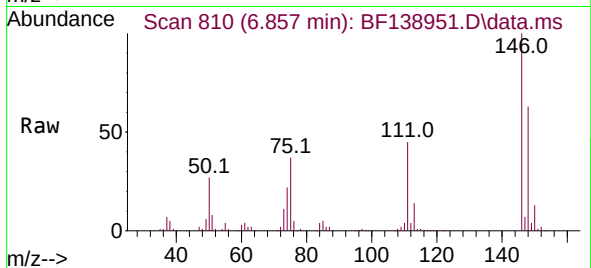
Tgt Ion:146 Resp: 152868
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
75 35.8 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 46.539 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

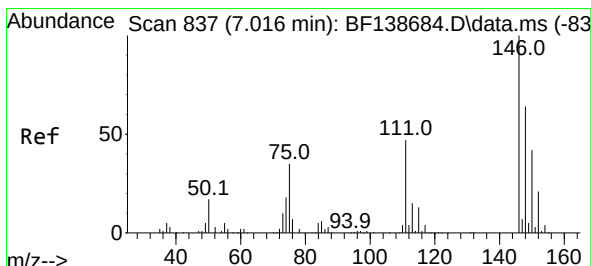
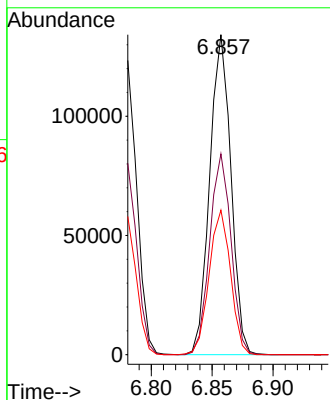
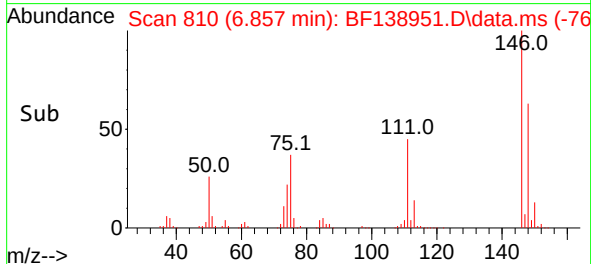
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:146 Resp: 162518
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
111 45.1 35.9 53.9

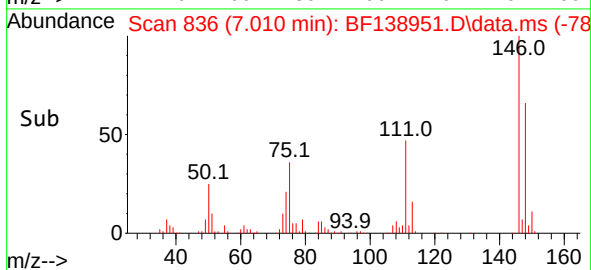
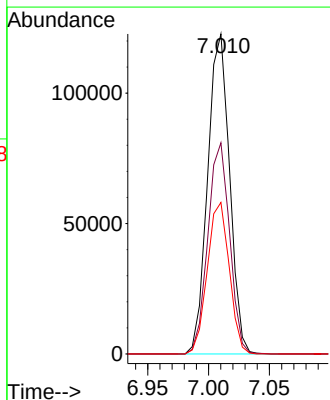
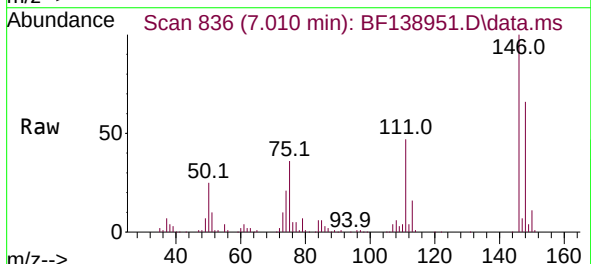
Manual Integrations
APPROVED

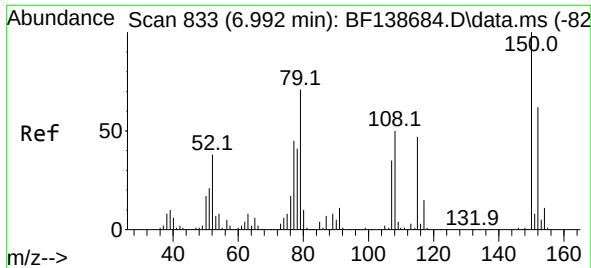
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#14
1,2-Dichlorobenzene
Concen: 47.189 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

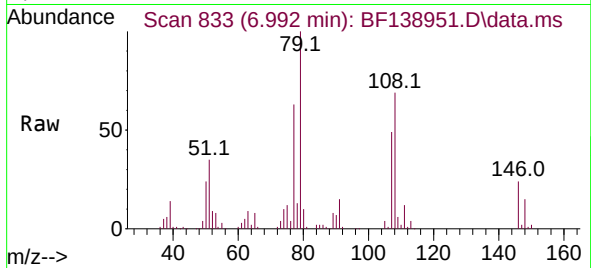
Tgt Ion:146 Resp: 154007
Ion Ratio Lower Upper
146 100
148 66.0 50.8 76.2
111 47.4 37.4 56.2





#15
Benzyl Alcohol
Concen: 39.316 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

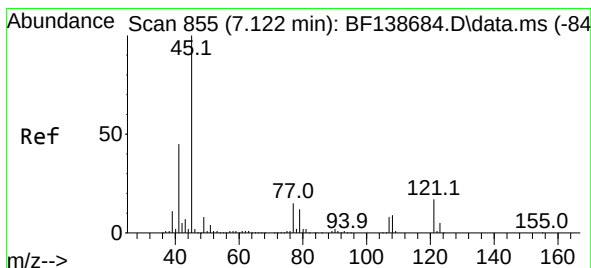
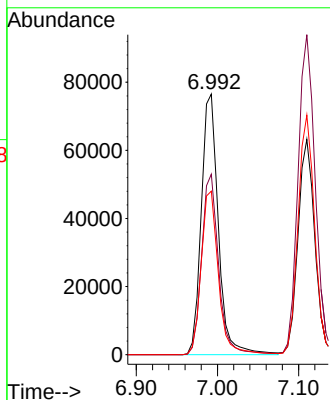
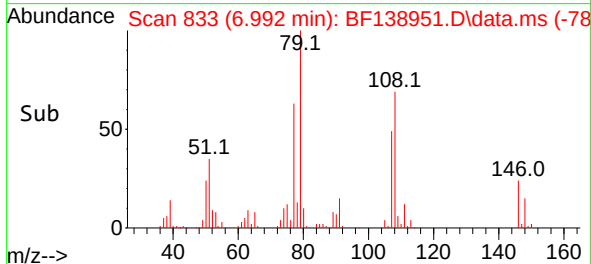
Instrument :
BNA_F
ClientSampleId :
TS04MSD



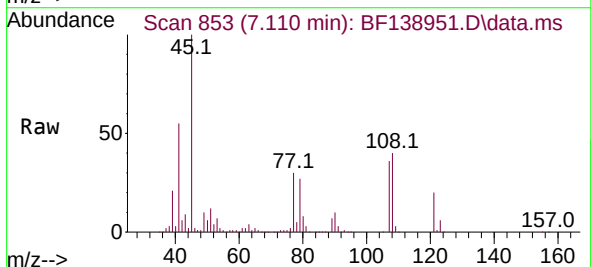
Tgt Ion: 79 Resp: 111782
Ion Ratio Lower Upper
79 100
108 69.2 56.6 85.0
77 62.7 50.3 75.5

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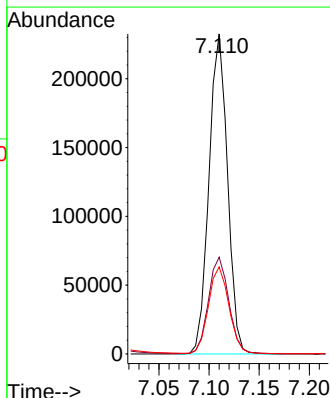
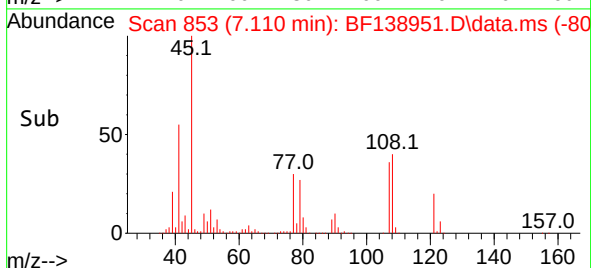
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

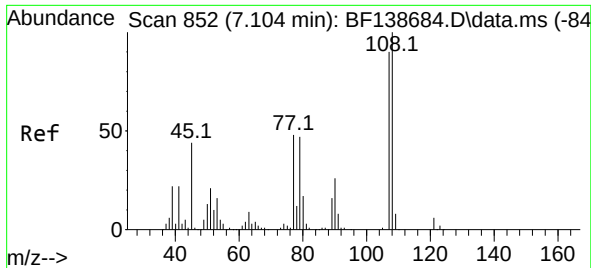


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.361 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



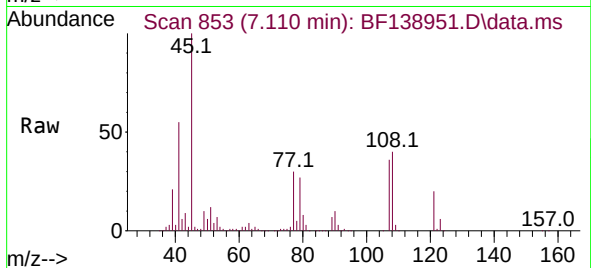
Tgt Ion: 45 Resp: 299012
Ion Ratio Lower Upper
45 100
77 30.3 0.0 34.9
79 27.2 0.0 32.2





#17
2-Methylphenol
Concen: 48.046 ng
RT: 7.110 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

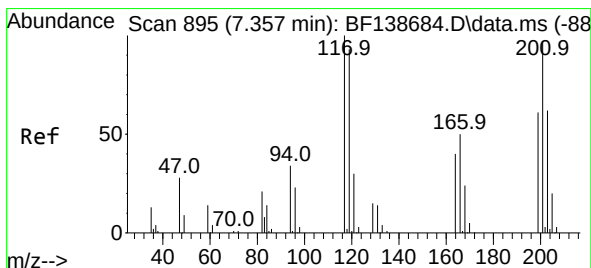
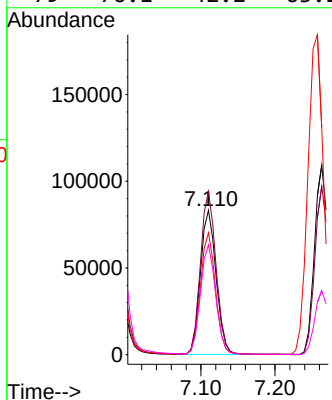
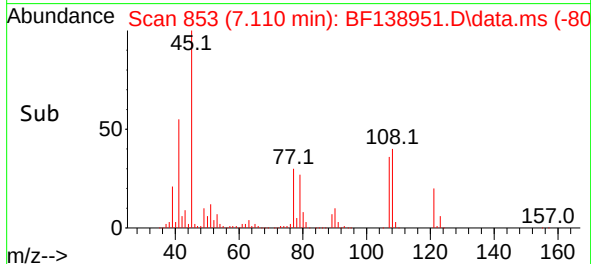
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:107 Resp: 122642
Ion Ratio Lower Upper
107 100
108 113.0 89.2 133.8
77 84.6 43.0 64.4
79 76.1 42.2 63.2

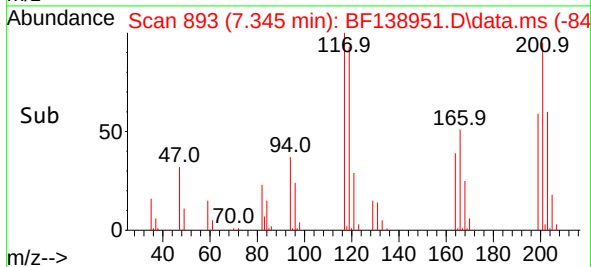
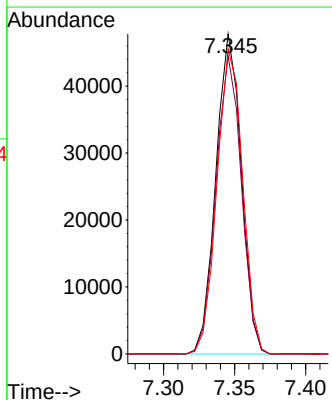
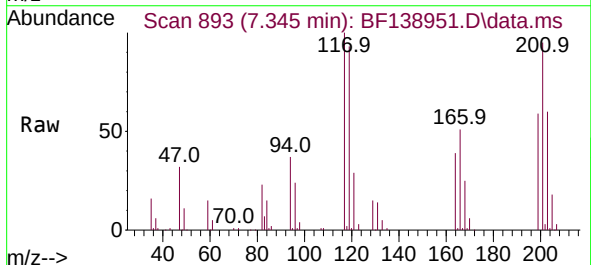
Manual Integrations
APPROVED

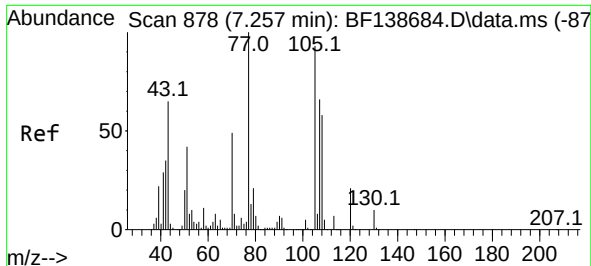
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#18
Hexachloroethane
Concen: 45.293 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

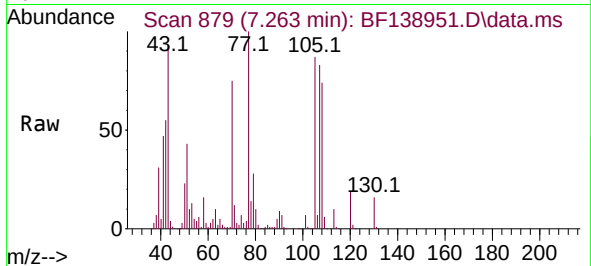
Tgt Ion:117 Resp: 59538
Ion Ratio Lower Upper
117 100
119 93.1 74.6 111.8
201 95.4 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 63.966 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

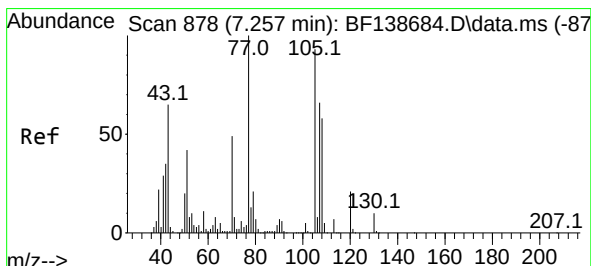
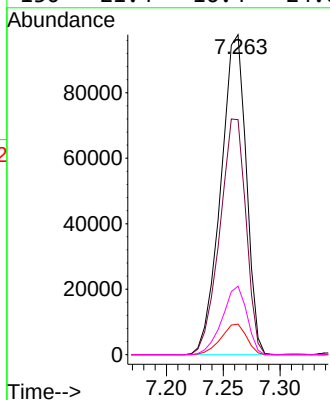
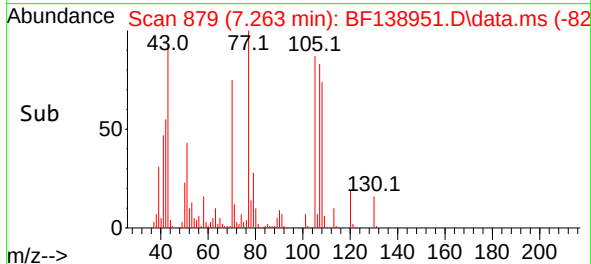
Instrument :
BNA_F
ClientSampleId :
TS04MSD



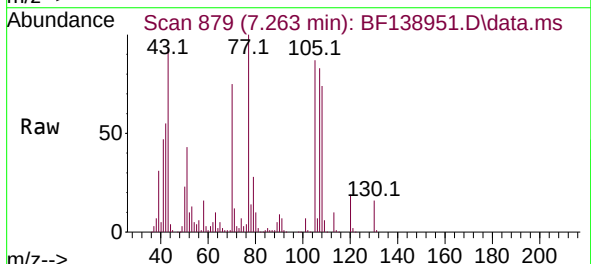
Tgt Ion: 70 Resp: 152404
Ion Ratio Lower Upper
70 100
42 73.5 57.4 86.0
101 9.6 7.5 11.3
130 21.4 16.4 24.6

Manual Integrations
APPROVED

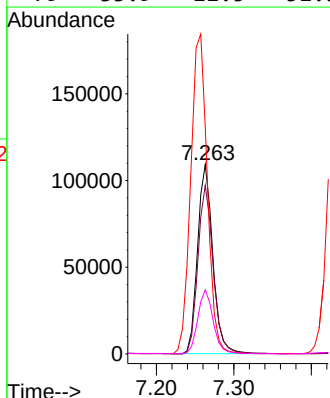
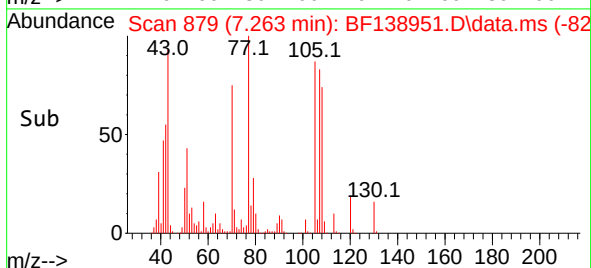
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

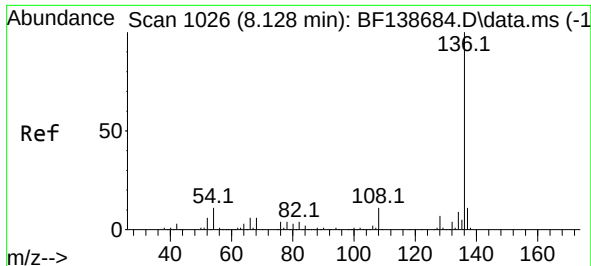


#20
3+4-Methylphenols
Concen: 45.611 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



Tgt Ion:107 Resp: 149381
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 120.0 132.1 172.1#
79 33.9 11.5 51.5





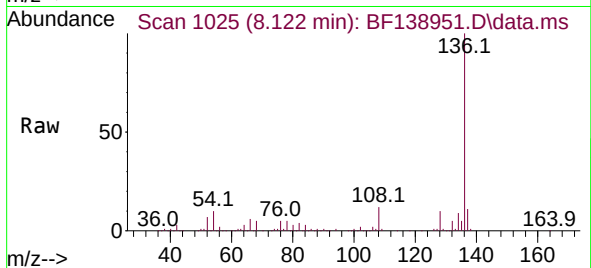
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

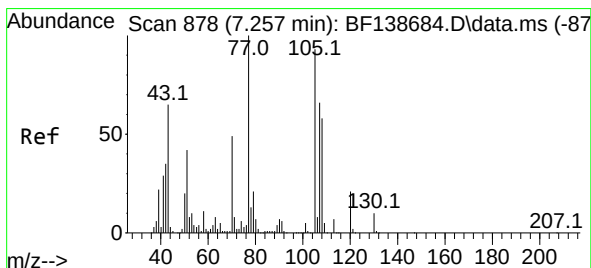
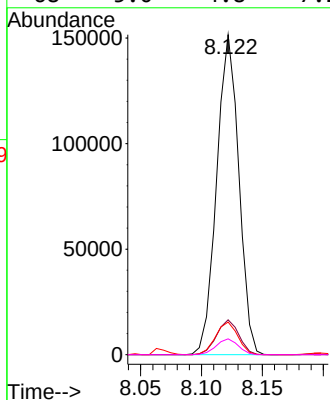
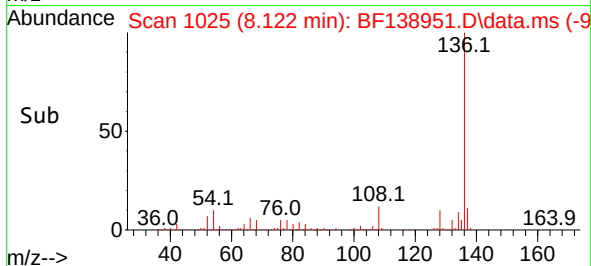


Tgt Ion:136 Resp: 191758
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.2 8.6 12.8
68 5.0 4.8 7.2

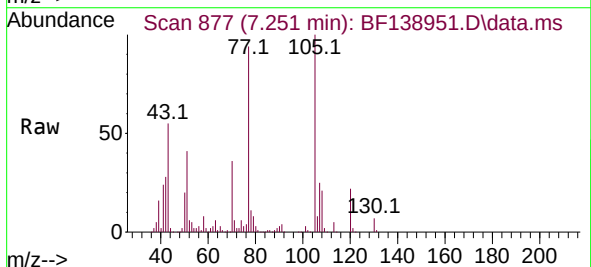
Manual Integrations

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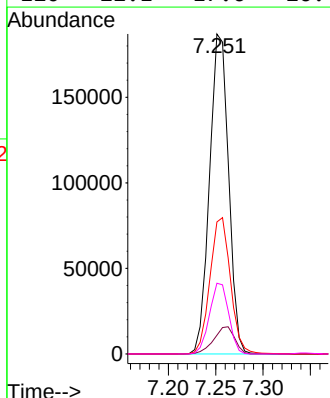
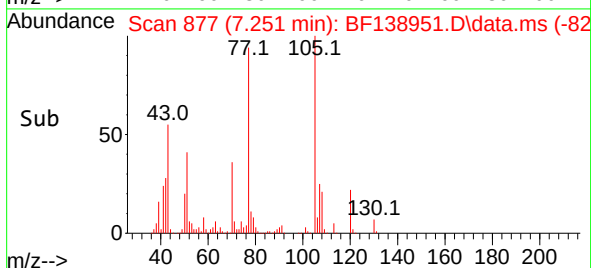
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

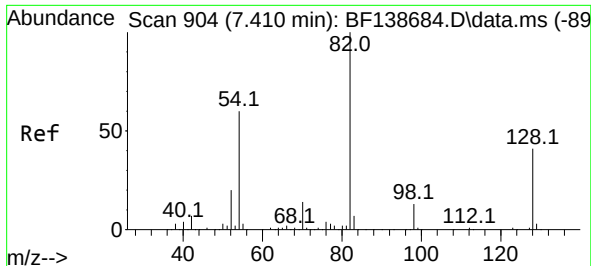


#22
Acetophenone
Concen: 55.617 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



Tgt Ion:105 Resp: 261130
Ion Ratio Lower Upper
105 100
71 5.9 7.2 10.8#
51 41.3 35.9 53.9
120 22.1 17.6 26.4





#23
Nitrobenzene-d5
Concen: 108.719 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

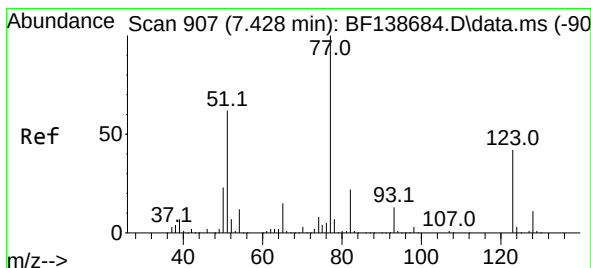
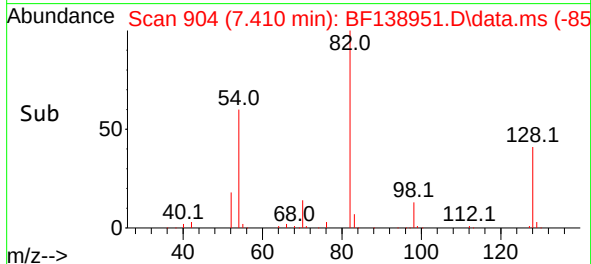
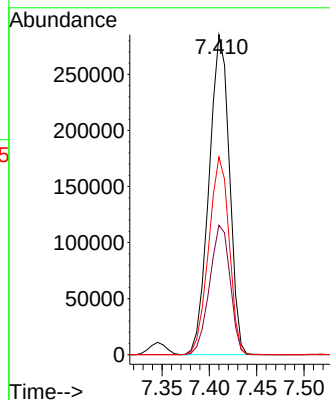
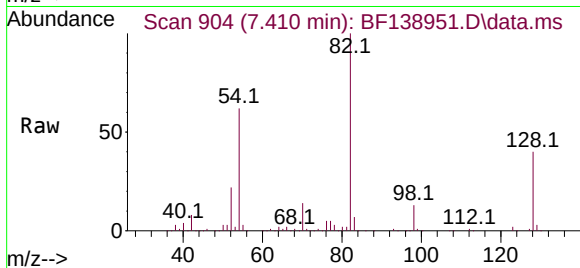
ClientSampleId :

TS04MSD

Tgt Ion: 82 Resp: 426409
Ion Ratio Lower Upper
82 100
128 40.5 32.8 49.2
54 61.8 48.3 72.5

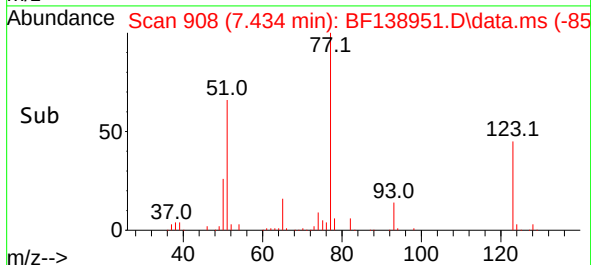
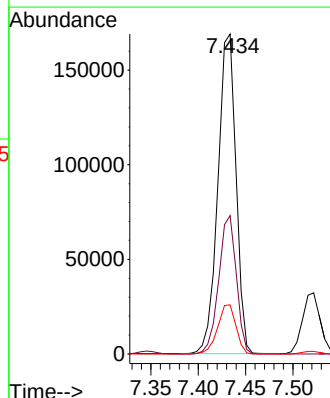
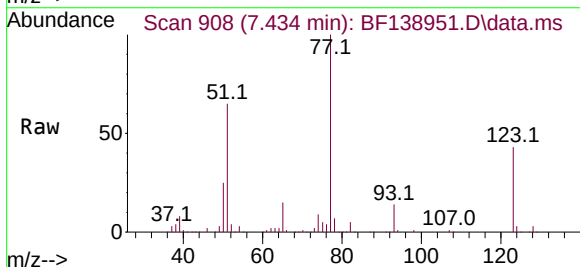
Manual Integrations
APPROVED

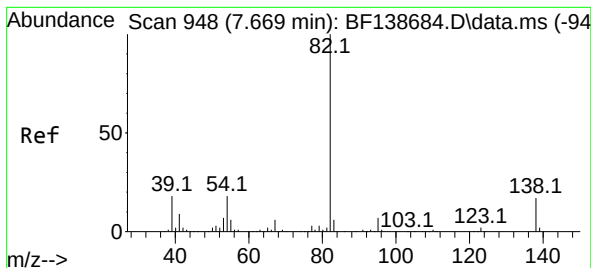
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#24
Nitrobenzene
Concen: 56.354 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion: 77 Resp: 224910
Ion Ratio Lower Upper
77 100
123 43.2 33.3 49.9
65 15.4 11.9 17.9





#25

Isophorone

Concen: 60.668 ng

RT: 7.669 min Scan# 948

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

Tgt Ion: 82 Resp: 40630

Ion Ratio Lower Upper

82 100

95 8.0 5.7 8.5

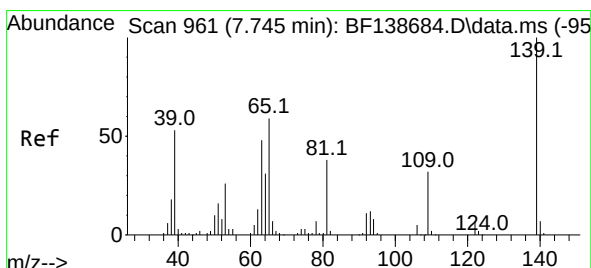
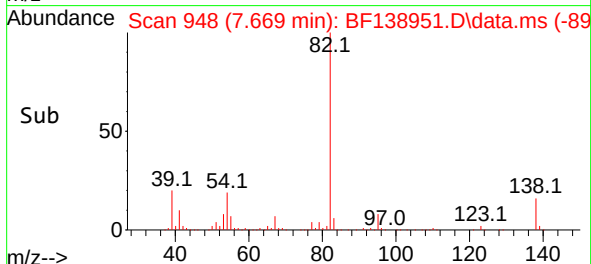
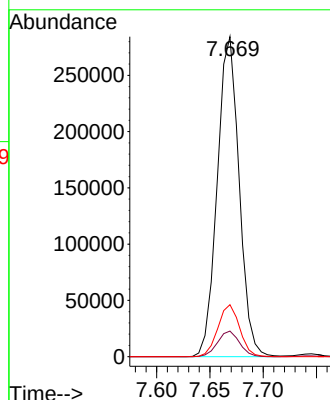
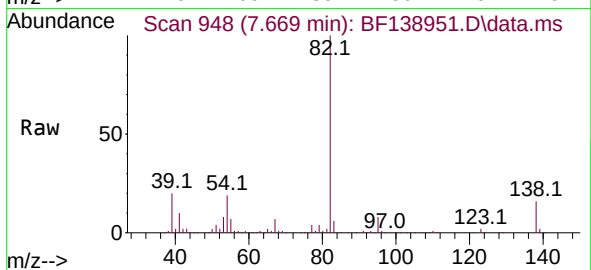
138 16.3 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#26

2-Nitrophenol

Concen: 58.262 ng

RT: 7.745 min Scan# 961

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

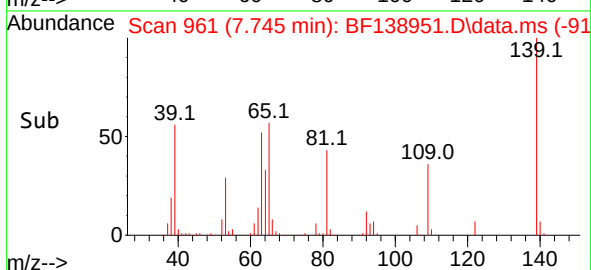
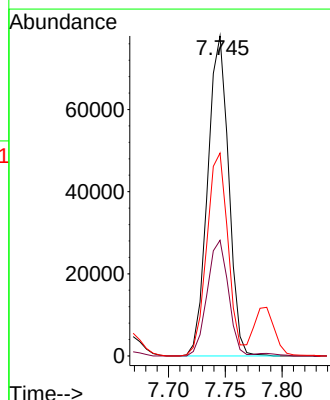
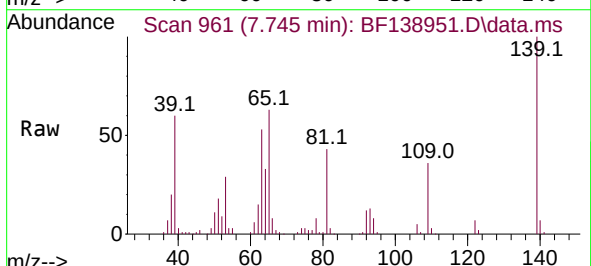
Tgt Ion:139 Resp: 100040

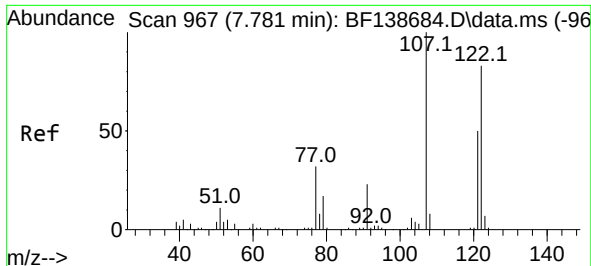
Ion Ratio Lower Upper

139 100

109 36.1 25.9 38.9

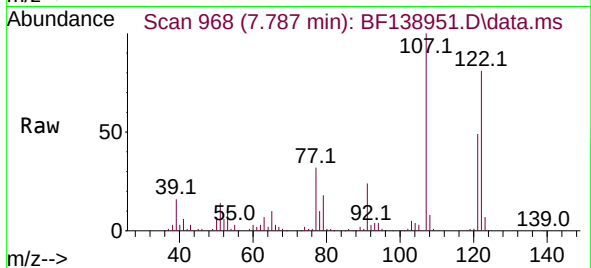
65 63.4 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 61.459 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

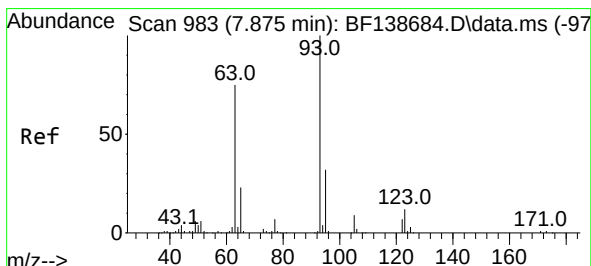
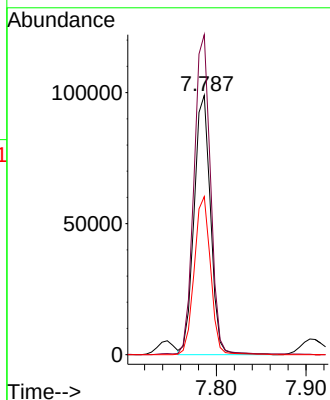
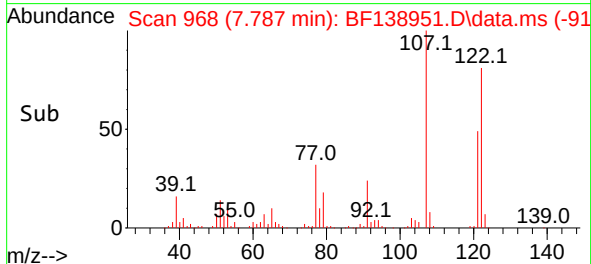
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:122 Resp: 12626
Ion Ratio Lower Upper
122 100
107 123.4 95.0 142.6
121 61.0 47.3 70.9

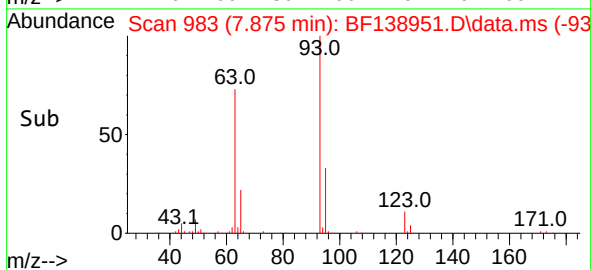
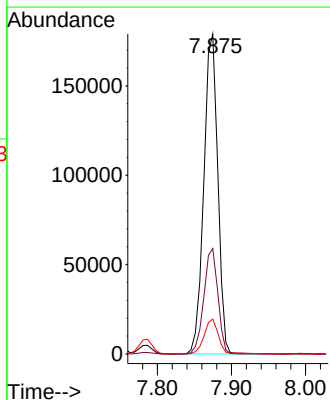
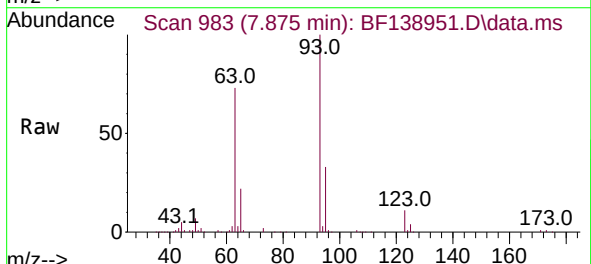
Manual Integrations
APPROVED

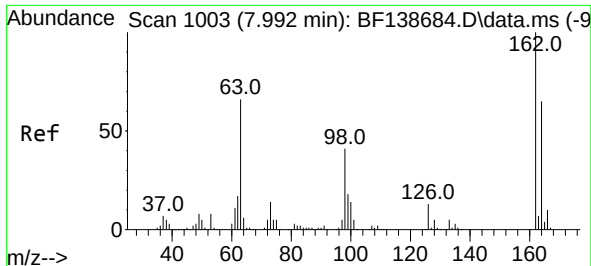
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 57.684 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion: 93 Resp: 235258
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.8
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.683 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138951.D

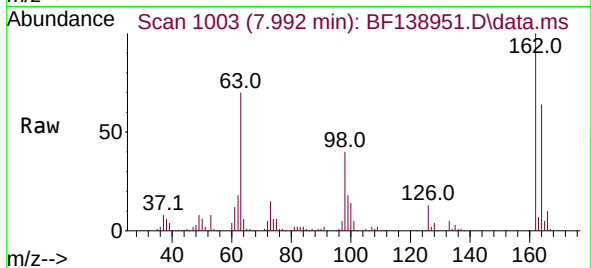
Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD



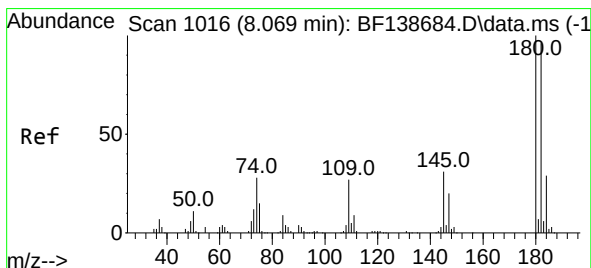
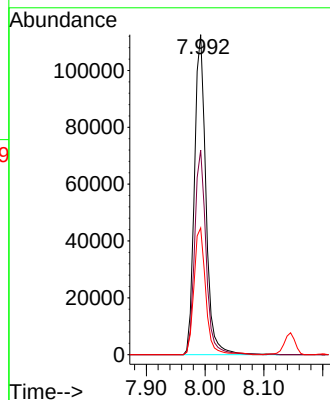
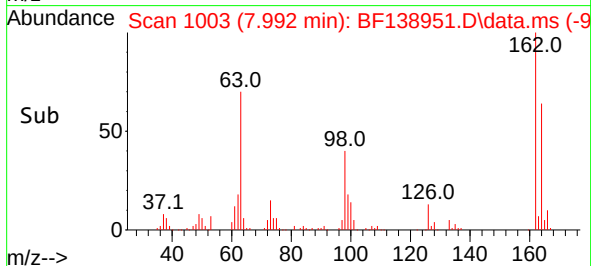
Tgt Ion:	162	Resp:	152279
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.7	84.7
98	39.6	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 52.354 ng

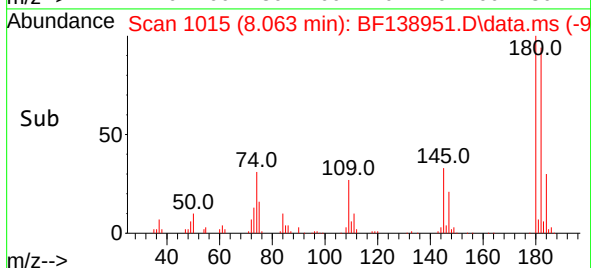
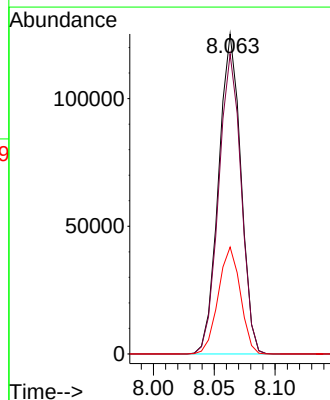
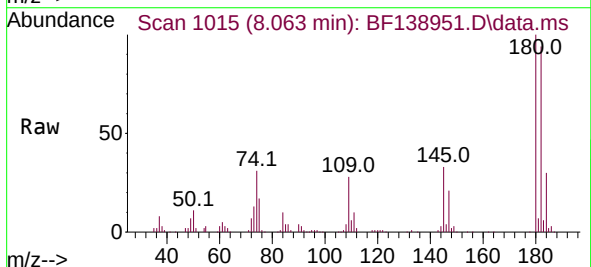
RT: 8.063 min Scan# 1015

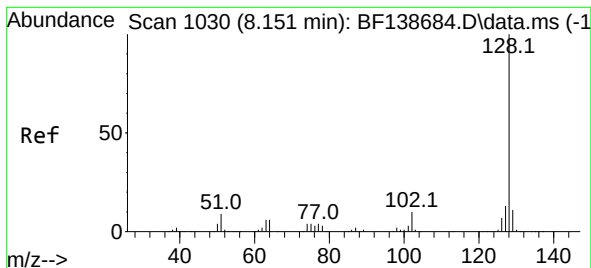
Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Tgt Ion:	180	Resp:	159499
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.9	115.3
145	33.4	25.0	37.4





#31

Naphthalene

Concen: 54.740 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

Tgt Ion:128 Resp: 55252

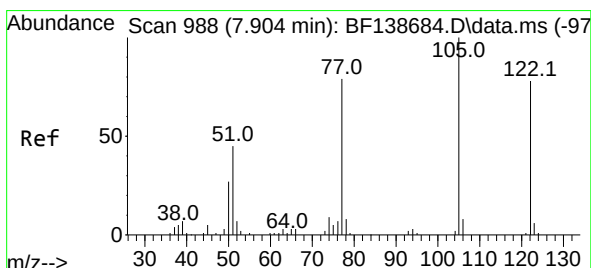
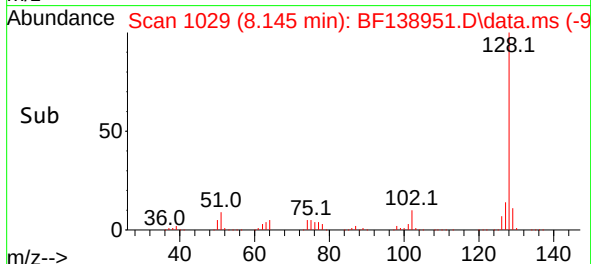
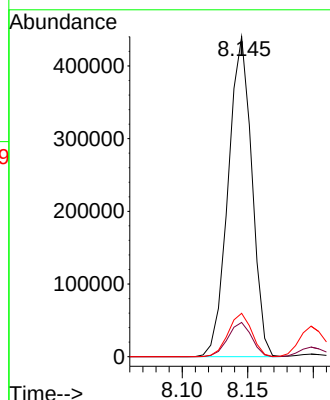
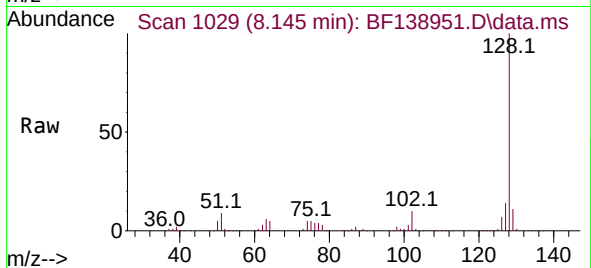
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.6	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#32

Benzoic acid

Concen: 9.305 ng

RT: 7.904 min Scan# 988

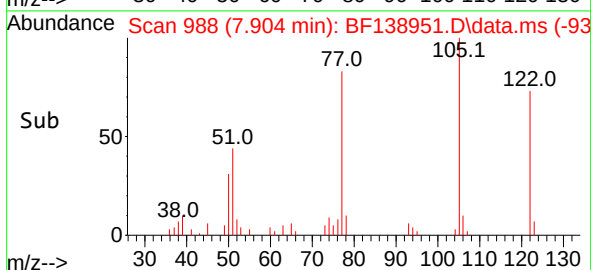
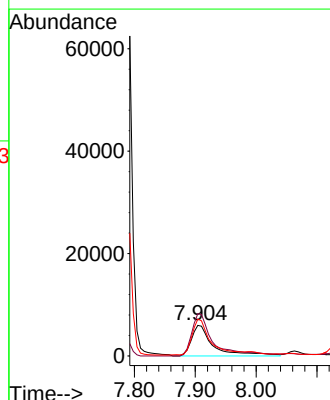
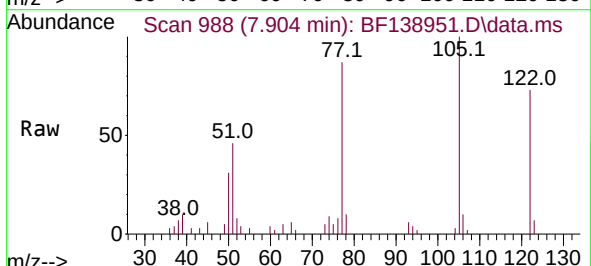
Delta R.T. 0.000 min

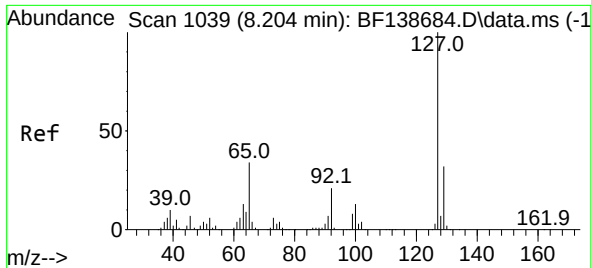
Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Tgt Ion:122 Resp: 15027

Ion	Ratio	Lower	Upper
122	100		
105	137.7	106.7	146.7
77	120.4	81.1	121.1





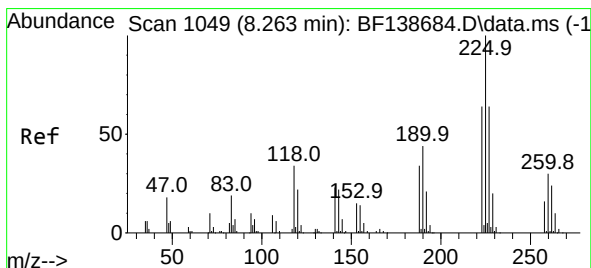
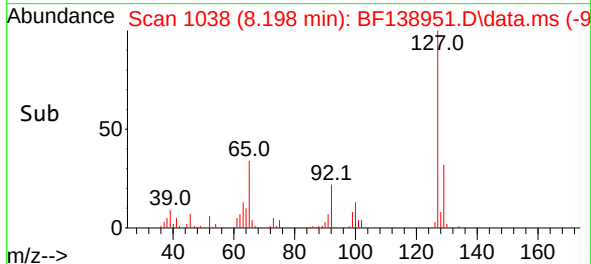
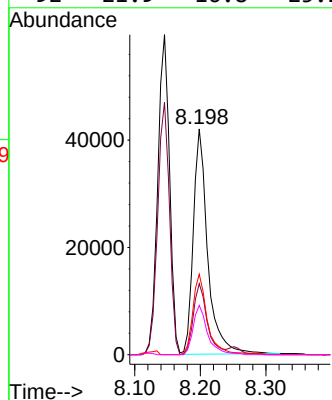
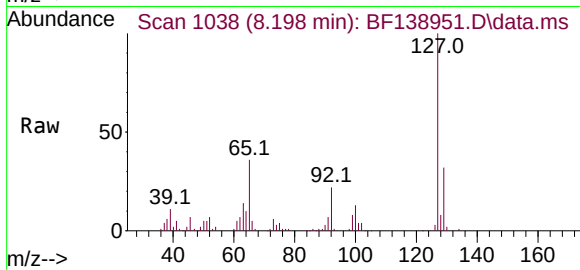
#33
4-Chloroaniline
Concen: 18.996 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion:	127	Resp:	6436
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.9	38.9
65	35.7	27.6	41.4
92	21.9	16.8	25.2

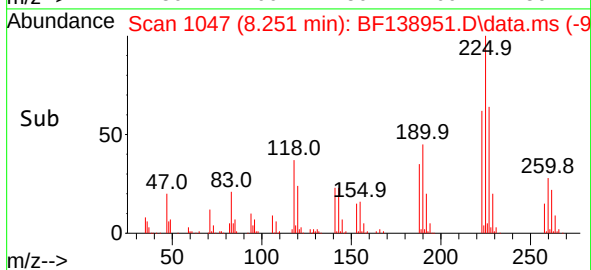
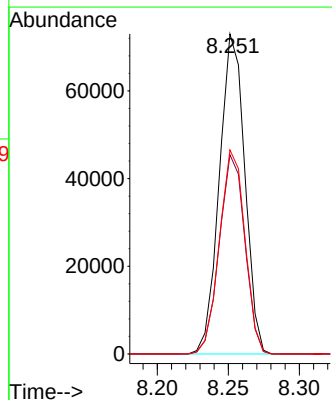
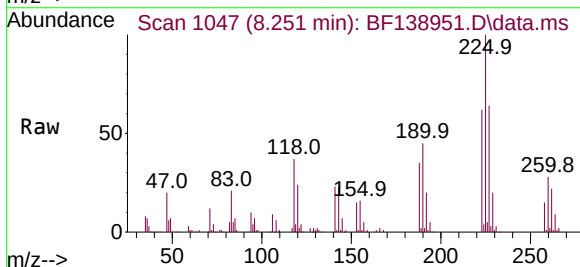
Manual Integrations
APPROVED

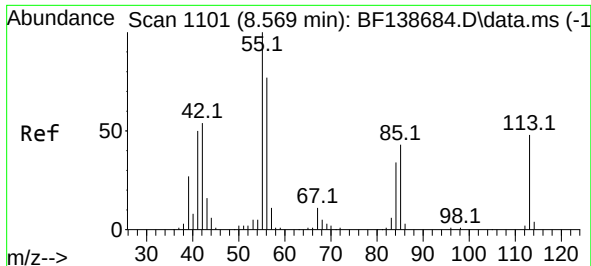
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#34
Hexachlorobutadiene
Concen: 49.168 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

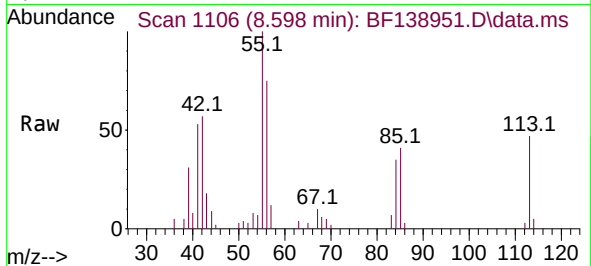
Tgt Ion:	225	Resp:	90728
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.2	76.8
227	63.8	51.1	76.7





#35
Caprolactam
Concen: 8.495 ng
RT: 8.598 min Scan# 1106
Delta R.T. 0.029 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

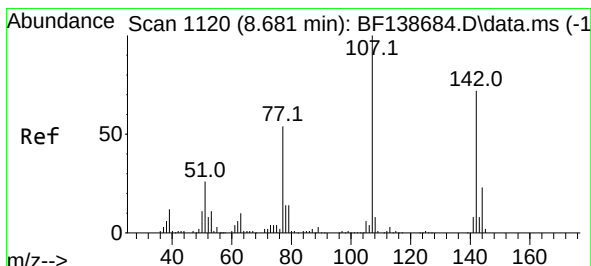
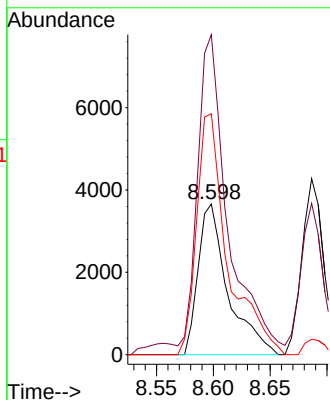
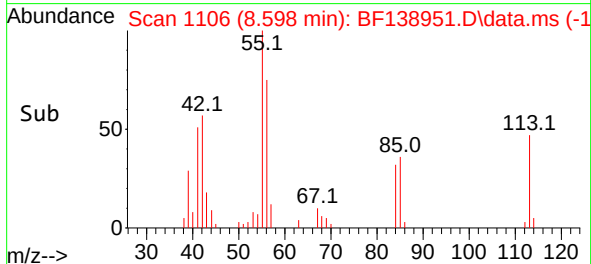
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:113 Resp: 669
Ion Ratio Lower Upper
113 100
55 212.2 186.7 226.7
56 159.8 138.9 178.9

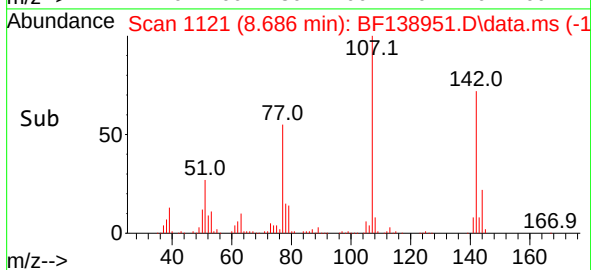
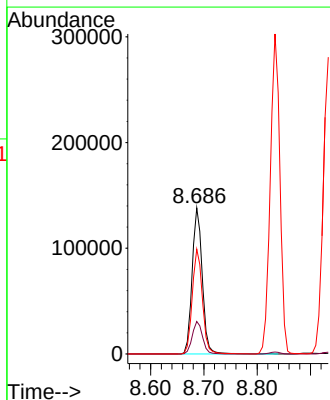
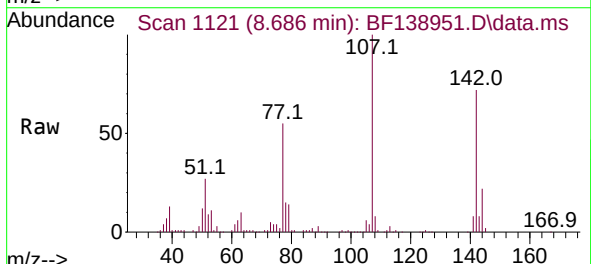
Manual Integrations
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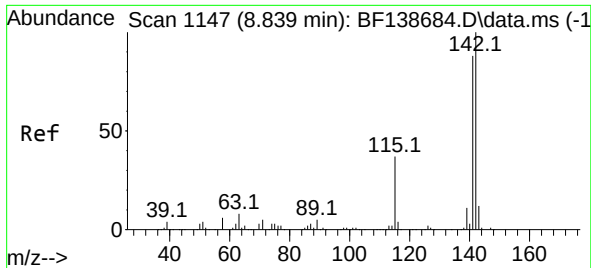
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#36
4-Chloro-3-methylphenol
Concen: 60.677 ng
RT: 8.686 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

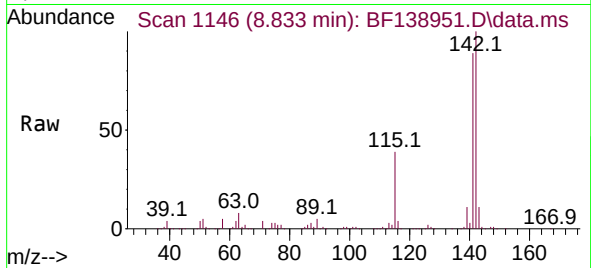
Tgt Ion:107 Resp: 183064
Ion Ratio Lower Upper
107 100
144 22.2 18.2 27.2
142 71.8 57.4 86.2





#37
2-Methylnaphthalene
Concen: 59.747 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

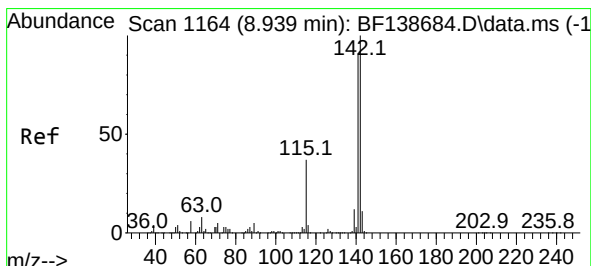
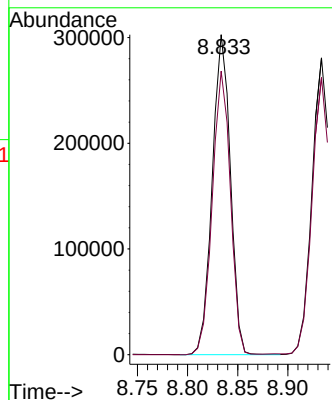
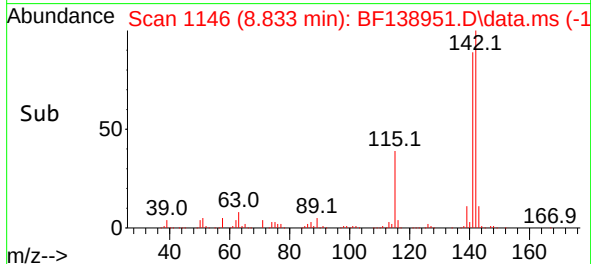
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:142 Resp: 38086
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2

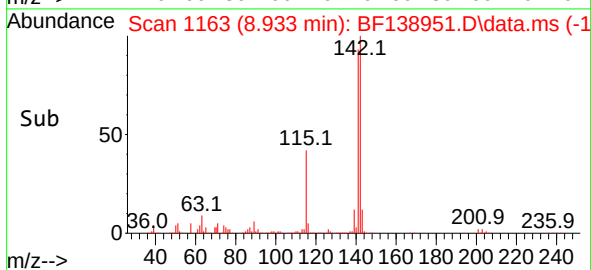
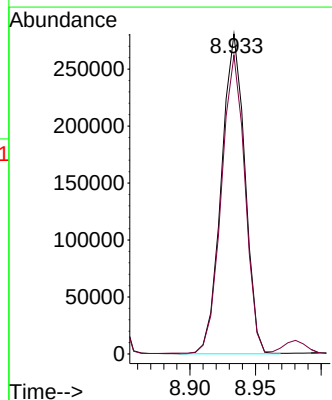
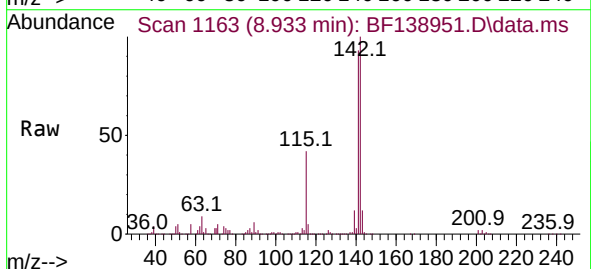
Manual Integrations
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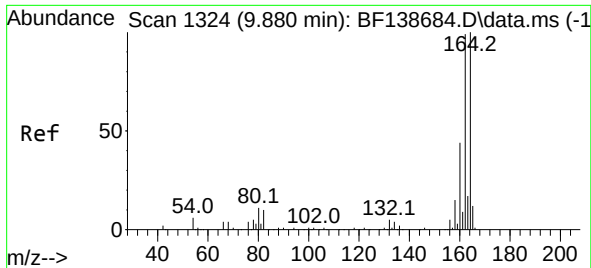
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#38
1-Methylnaphthalene
Concen: 55.972 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

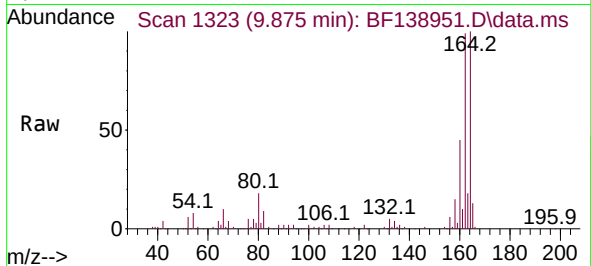
Tgt Ion:142 Resp: 349632
Ion Ratio Lower Upper
142 100
141 93.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11168
Delta R.T. -0.005 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

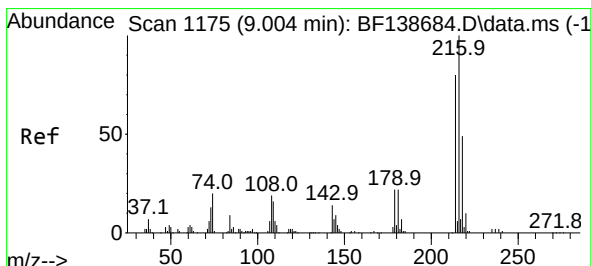
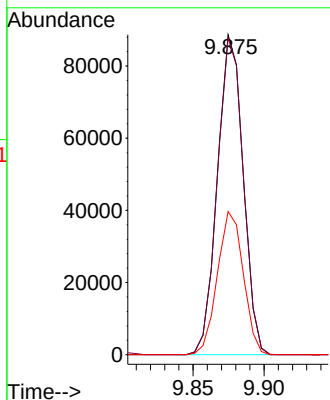
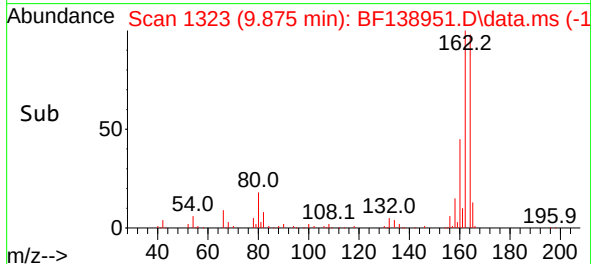
Instrument :
BNA_F
ClientSampleId :
TS04MSD



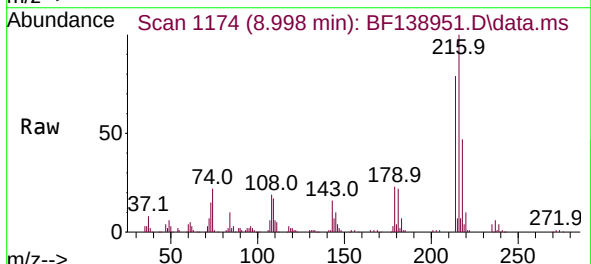
Tgt Ion:164 Resp: 11168
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 44.7 35.1 52.7

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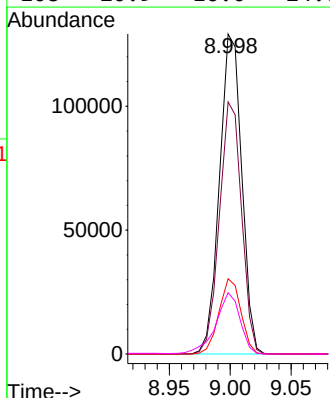
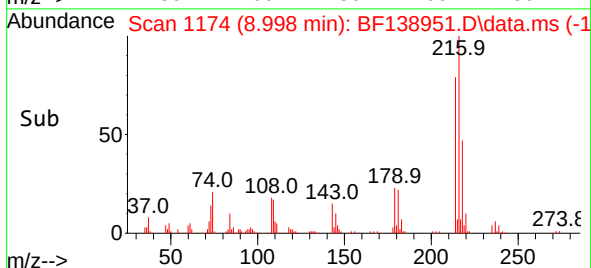
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

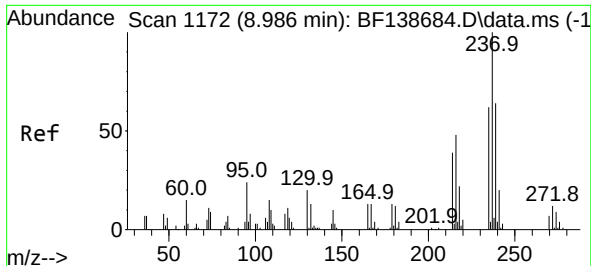


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.932 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



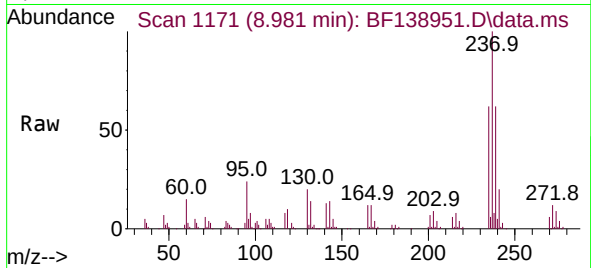
Tgt Ion:216 Resp: 164217
Ion Ratio Lower Upper
216 100
214 78.3 63.9 95.9
179 23.2 17.8 26.6
108 20.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 132.879 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

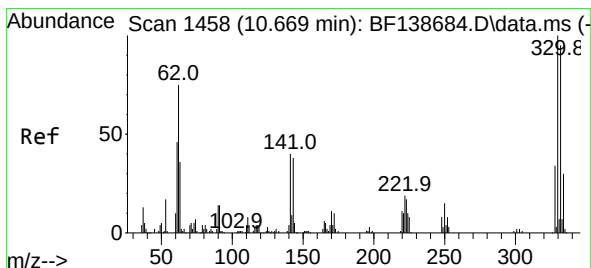
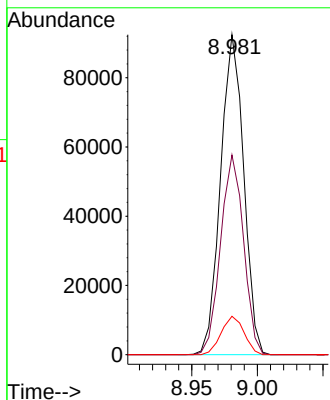
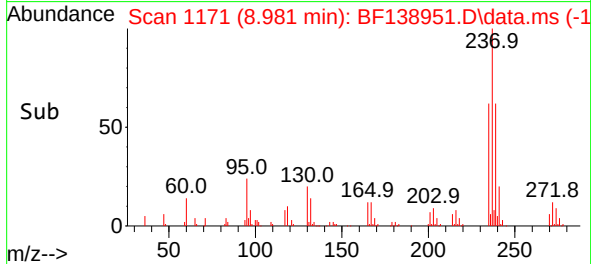
Instrument :
BNA_F
ClientSampleId :
TS04MSD



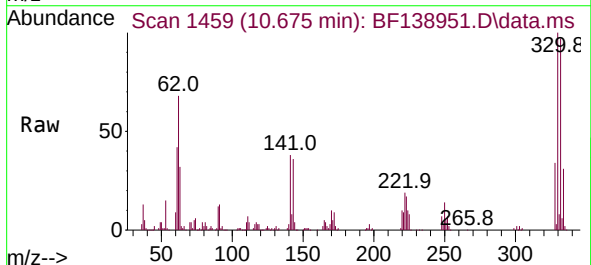
Tgt Ion:237 Resp: 11325
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 12.0 0.0 32.2

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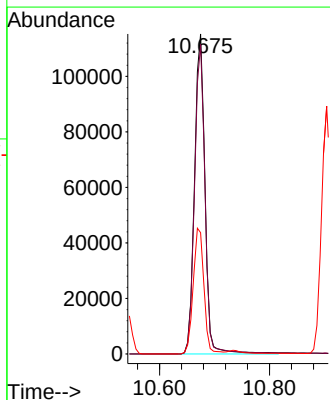
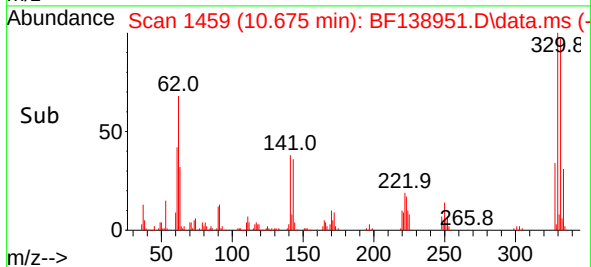
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

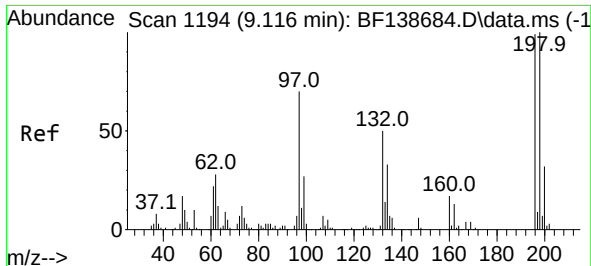


#42
2,4,6-Tribromophenol
Concen: 167.353 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



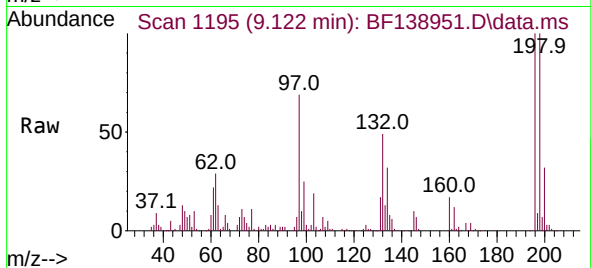
Tgt Ion:330 Resp: 153100
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 40.1 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 54.547 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

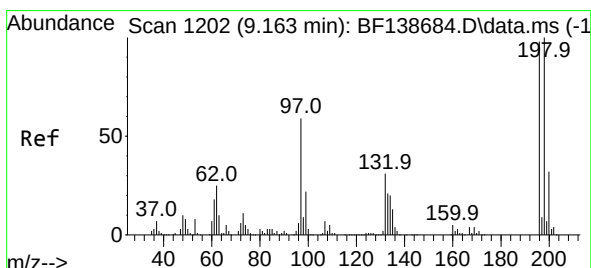
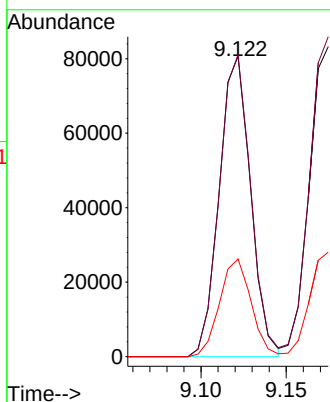
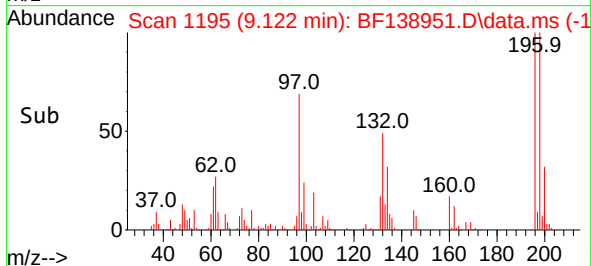
Instrument :
BNA_F
ClientSampleId :
TS04MSD



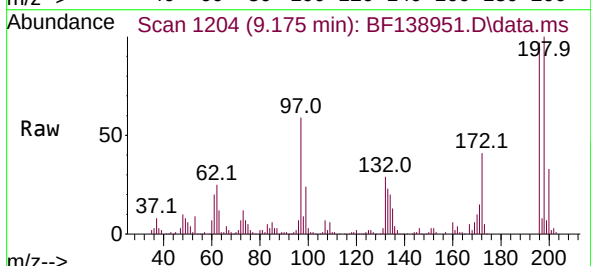
Tgt Ion:196 Resp: 10318
Ion Ratio Lower Upper
196 100
198 100.5 80.5 120.7
200 32.6 25.9 38.9

Manual Integrations
APPROVED

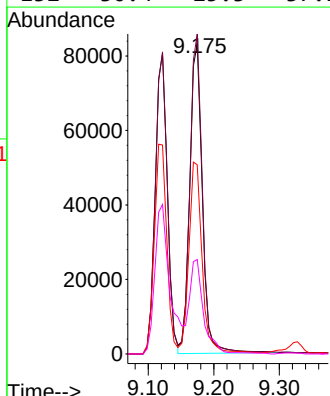
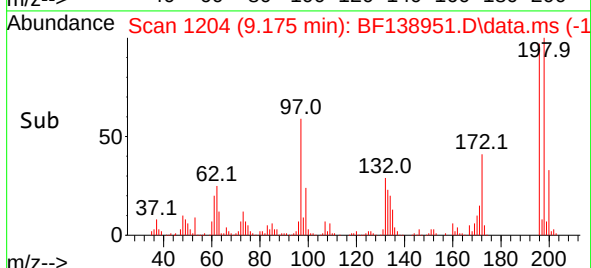
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

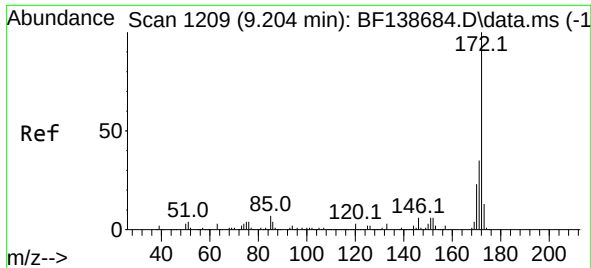


#44
2,4,5-Trichlorophenol
Concen: 53.689 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



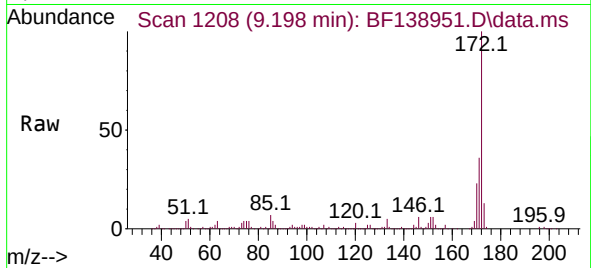
Tgt Ion:196 Resp: 111023
Ion Ratio Lower Upper
196 100
198 103.2 81.2 121.8
97 61.0 47.8 71.6
132 30.4 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 104.972 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

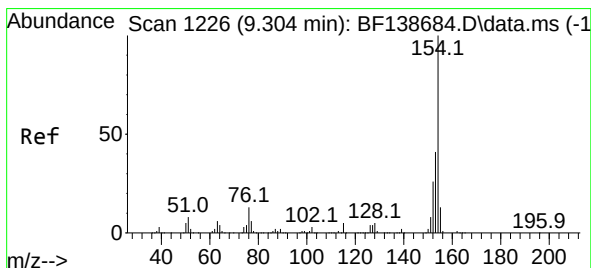
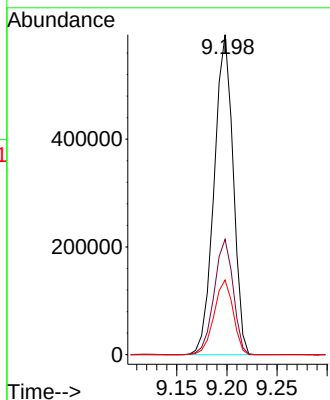
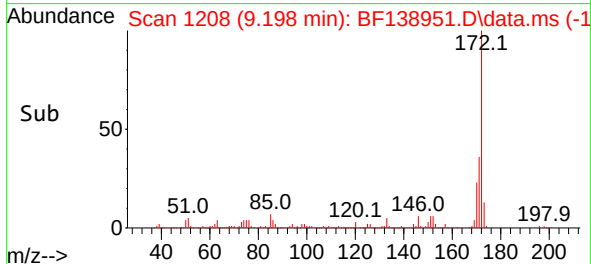
Instrument :
BNA_F
ClientSampleId :
TS04MSD



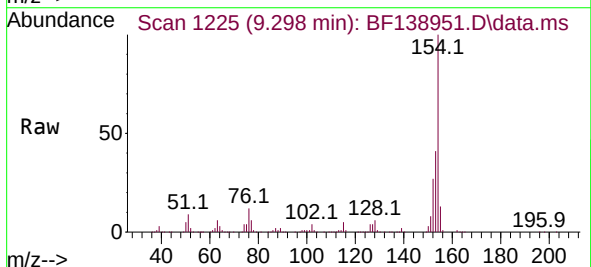
Tgt Ion:172 Resp: 780272
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.3 18.8 28.2

Manual Integrations
APPROVED

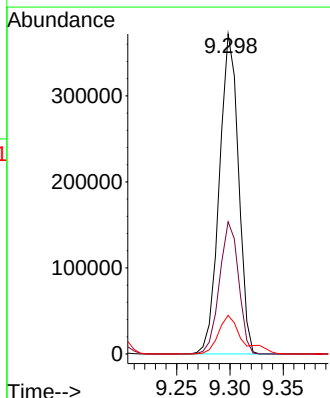
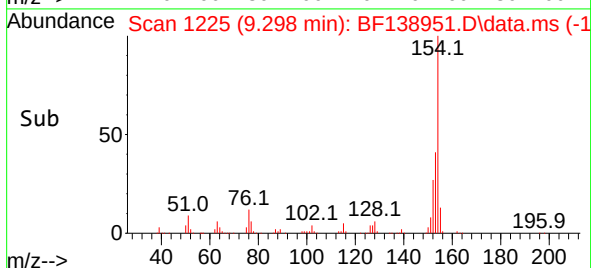
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

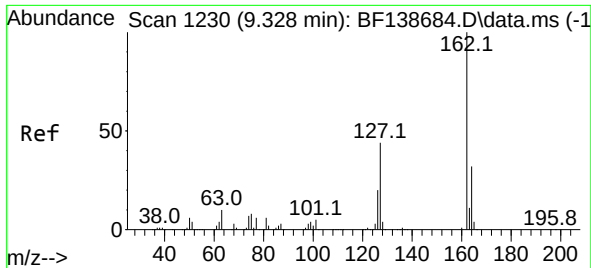


#46
1,1'-Biphenyl
Concen: 53.016 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



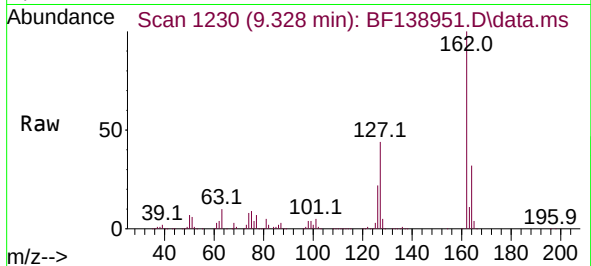
Tgt Ion:154 Resp: 463720
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 12.1 0.0 32.8





#47
2-Chloronaphthalene
Concen: 55.510 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

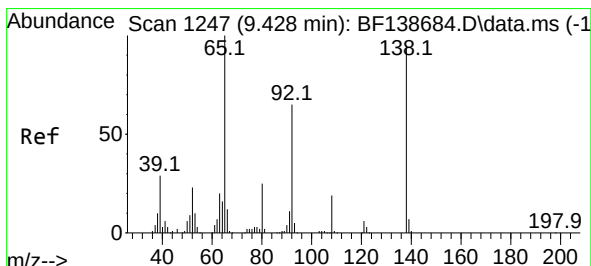
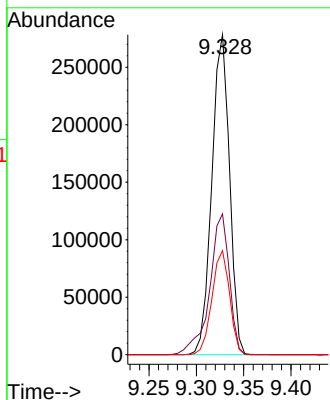
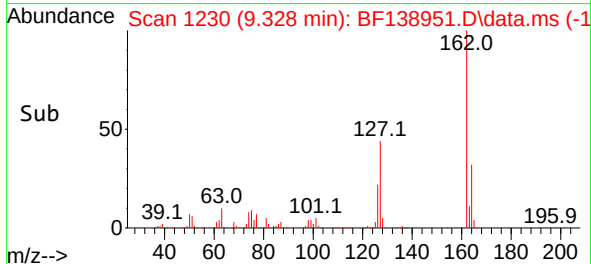
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:162 Resp: 361109
Ion Ratio Lower Upper
162 100
127 44.0 35.4 53.2
164 32.5 25.6 38.4

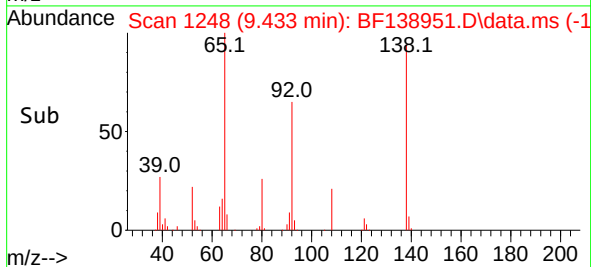
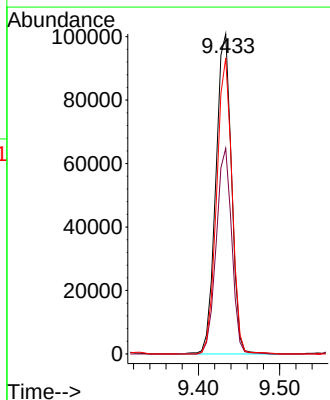
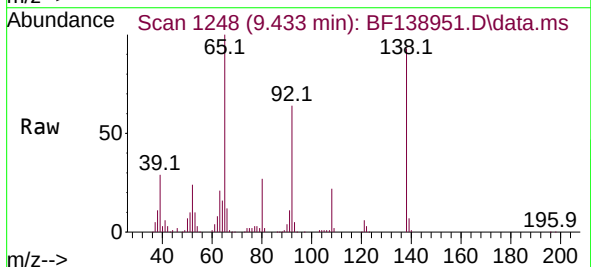
Manual Integrations
APPROVED

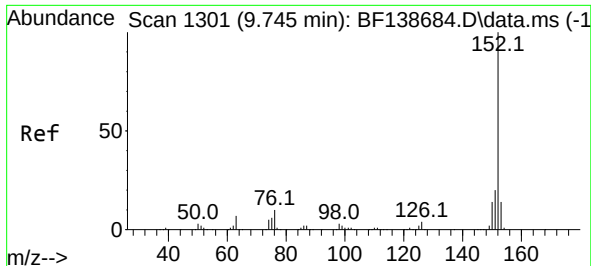
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#48
2-Nitroaniline
Concen: 61.486 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion: 65 Resp: 135600
Ion Ratio Lower Upper
65 100
92 64.3 52.0 78.0
138 92.5 76.2 114.4





#49

Acenaphthylene

Concen: 62.661 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

Tgt Ion:152 Resp: 57813

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

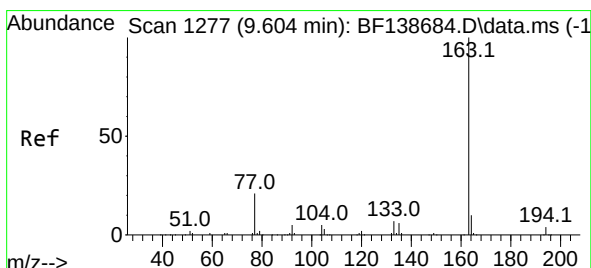
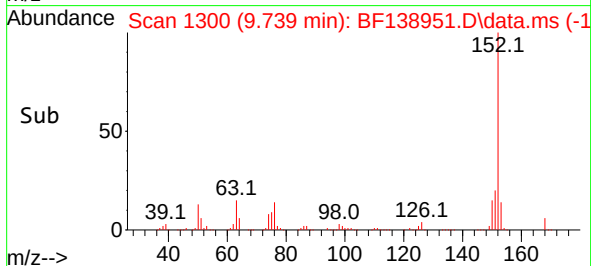
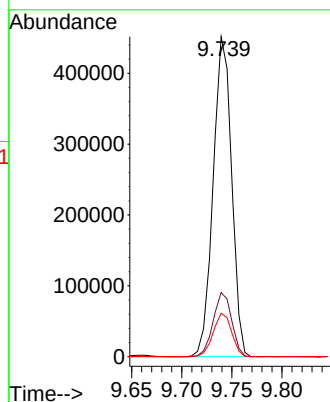
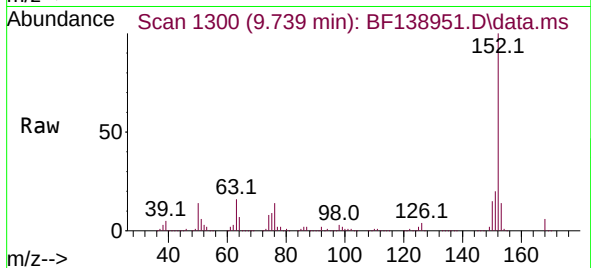
153 13.6 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#50

Dimethylphthalate

Concen: 67.342 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

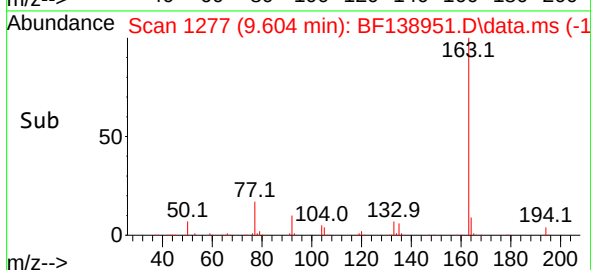
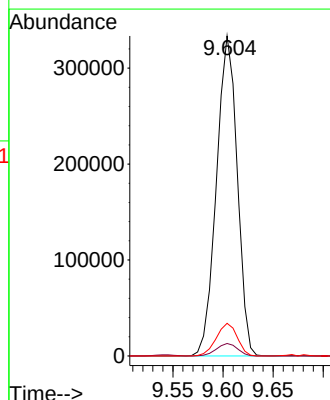
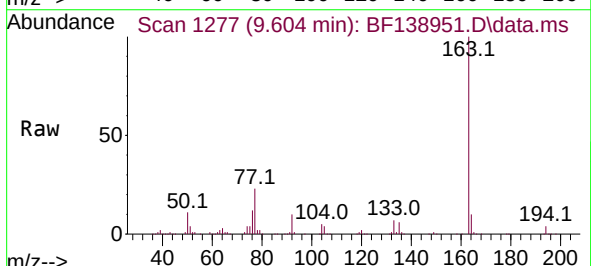
Tgt Ion:163 Resp: 480900

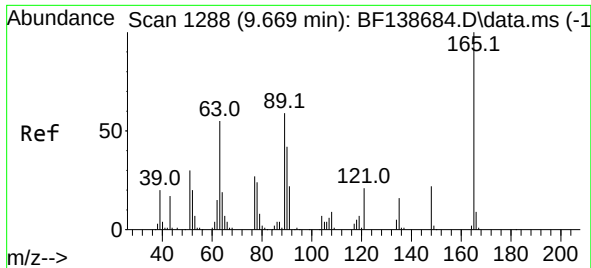
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

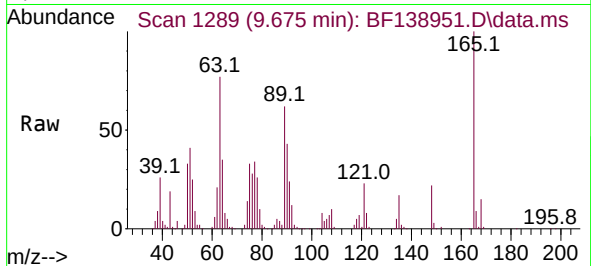
164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 60.082 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

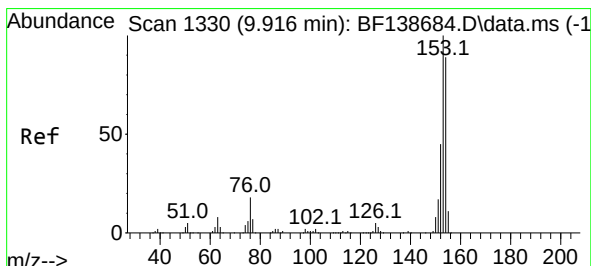
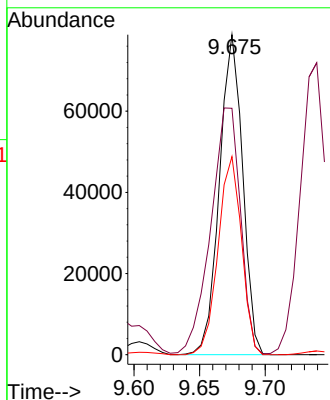
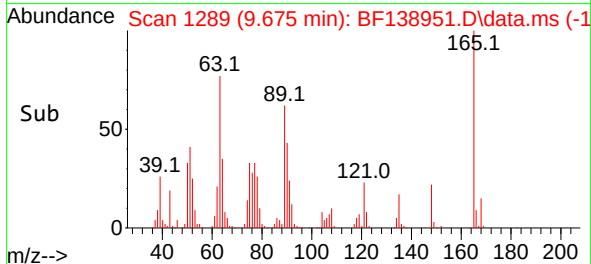
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:165 Resp: 96830
Ion Ratio Lower Upper
165 100
63 77.0 52.0 78.0
89 61.9 47.0 70.6

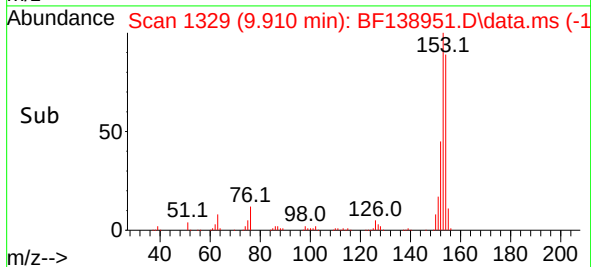
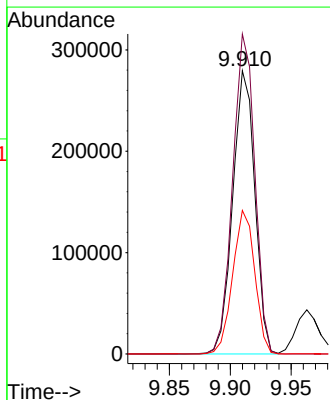
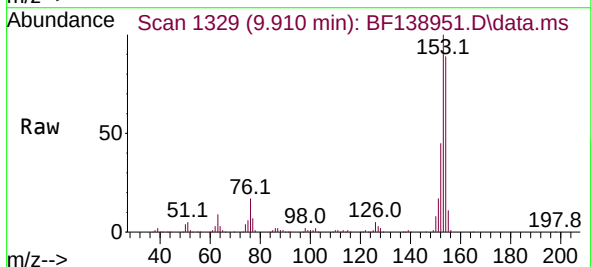
Manual Integrations
APPROVED

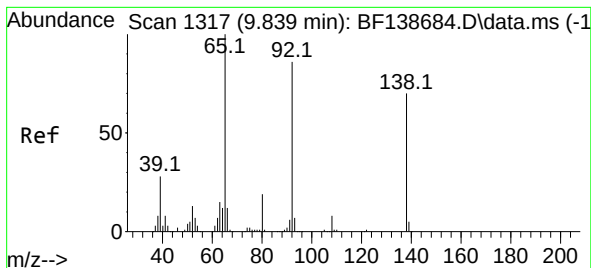
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#52
Acenaphthene
Concen: 57.063 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:154 Resp: 353916
Ion Ratio Lower Upper
154 100
153 113.0 89.9 134.9
152 50.7 40.6 60.8





#53
3-Nitroaniline
Concen: 28.562 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

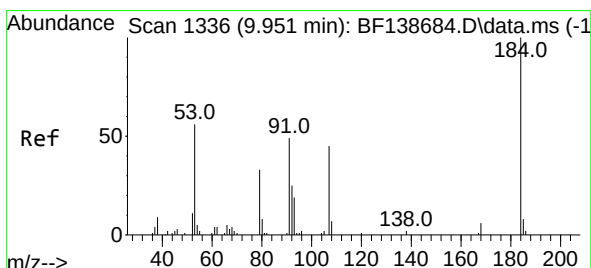
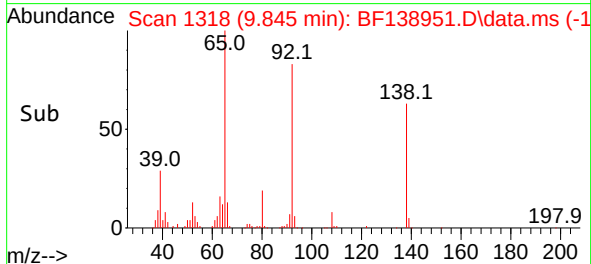
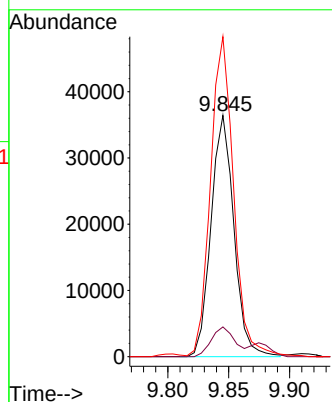
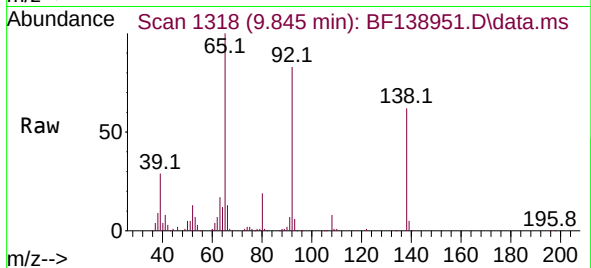
TS04MSD

Tgt Ion:138 Resp: 47580
Ion Ratio Lower Upper
138 100
108 12.4 9.1 13.7
92 132.6 98.7 148.1

Manual Integrations

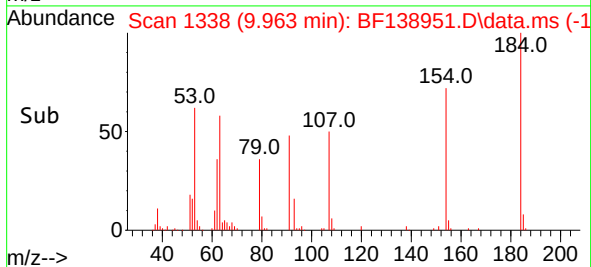
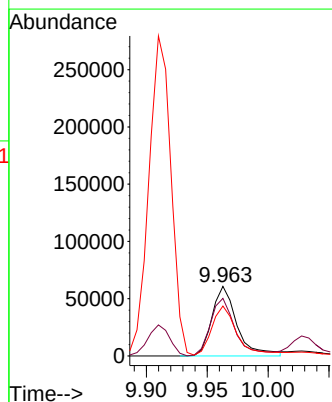
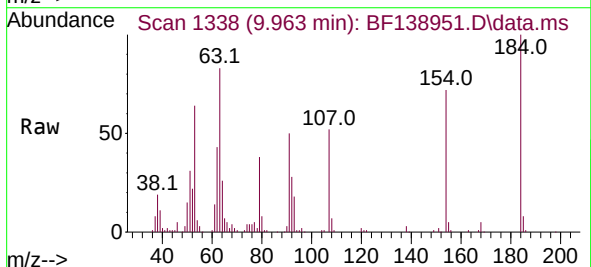
APPROVED

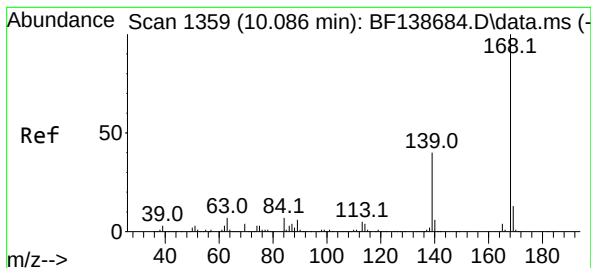
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#54
2,4-Dinitrophenol
Concen: 117.277 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

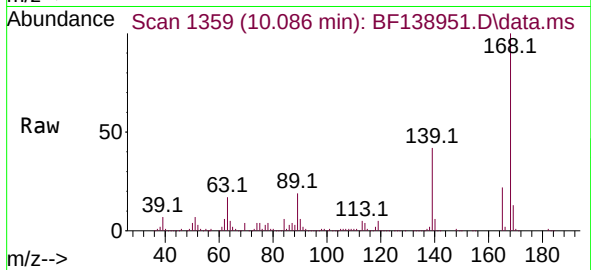
Tgt Ion:184 Resp: 87006
Ion Ratio Lower Upper
184 100
63 82.8 57.5 86.3
154 71.7 51.7 77.5





#55
Dibenzenofuran
Concen: 60.205 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

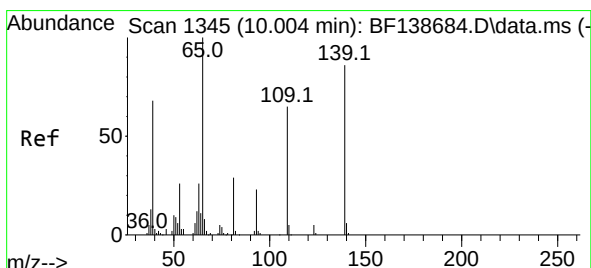
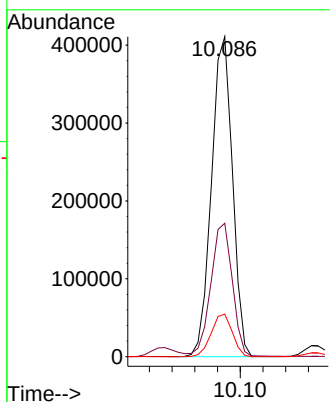
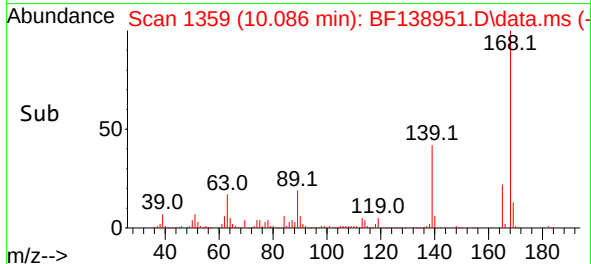
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:168 Resp: 527094
Ion Ratio Lower Upper
168 100
139 41.7 32.6 49.0
169 13.3 10.7 16.1

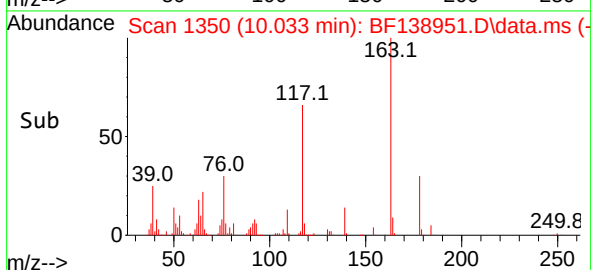
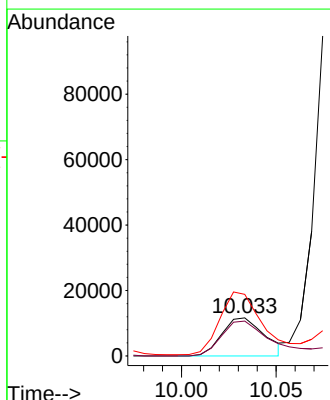
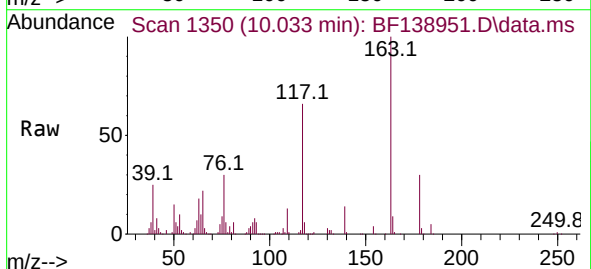
Manual Integrations
APPROVED

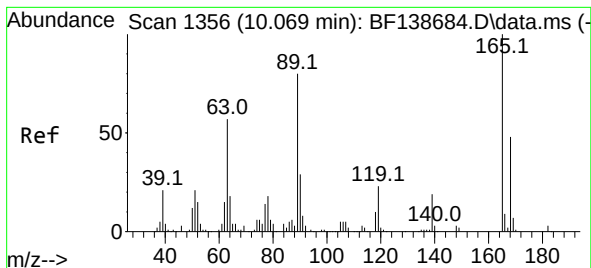
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#56
4-Nitrophenol
Concen: 18.024 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.029 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:139 Resp: 18058
Ion Ratio Lower Upper
139 100
109 91.4 55.5 95.5
65 161.5 96.7 136.7#





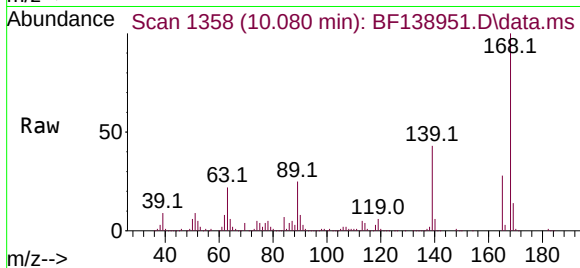
#57
2,4-Dinitrotoluene
Concen: 64.356 ng
RT: 10.080 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD



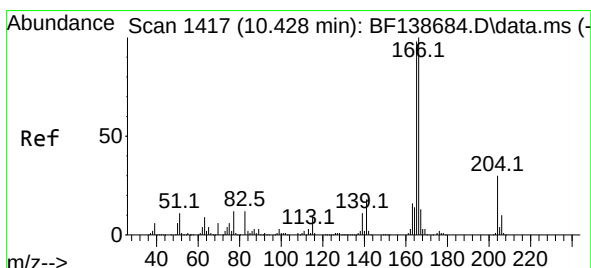
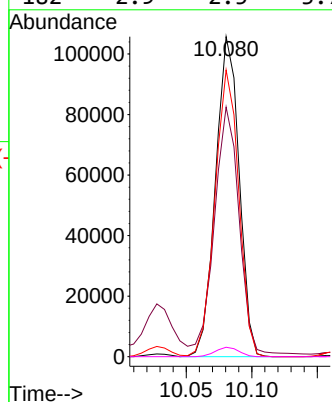
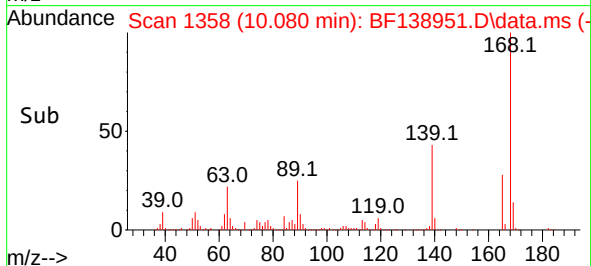
Tgt Ion:165 Resp: 13232
Ion Ratio Lower Upper
165 100
63 78.0 46.3 69.5
89 89.6 64.2 96.4
182 2.9 2.5 3.7

Manual Integrations

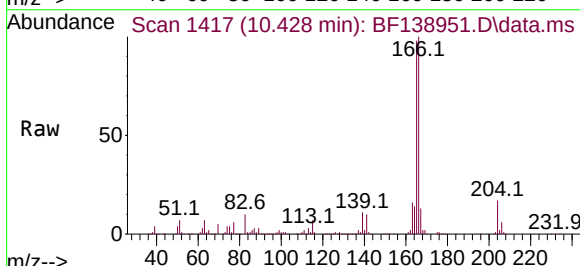
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

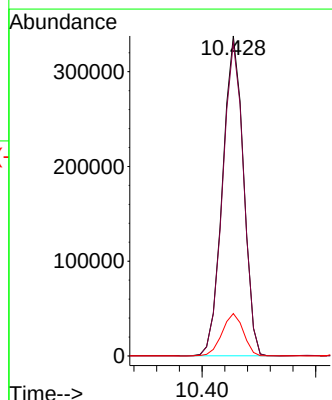
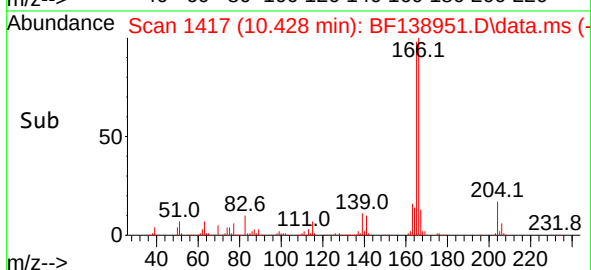
Supervised By :mohammad ahmed 08/13/2024

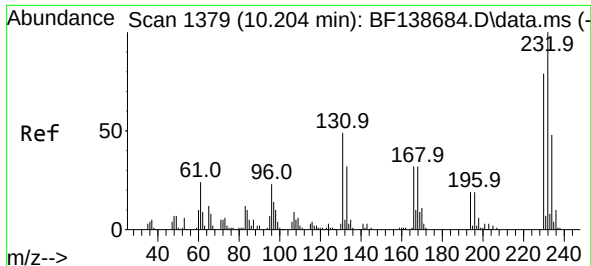


#58
Fluorene
Concen: 61.811 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



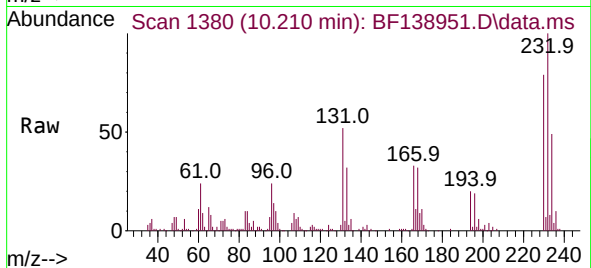
Tgt Ion:166 Resp: 430943
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.244 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

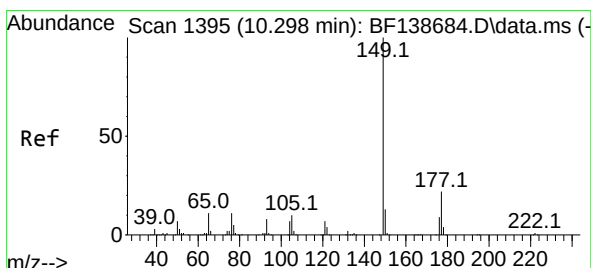
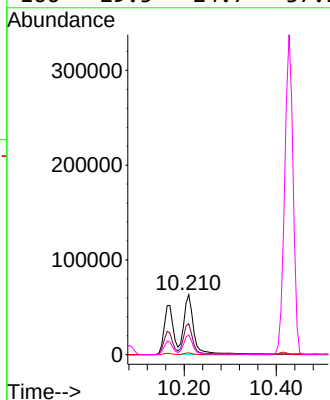
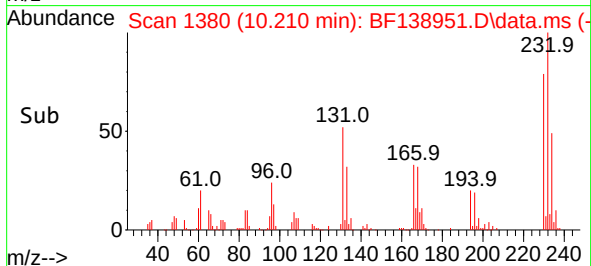
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:232 Resp: 93662
Ion Ratio Lower Upper
232 100
131 48.9 37.0 55.4
130 2.7 2.0 3.0
166 29.5 24.7 37.1

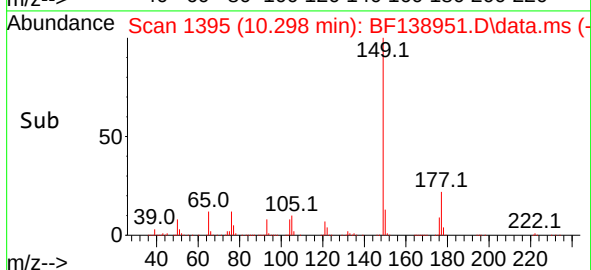
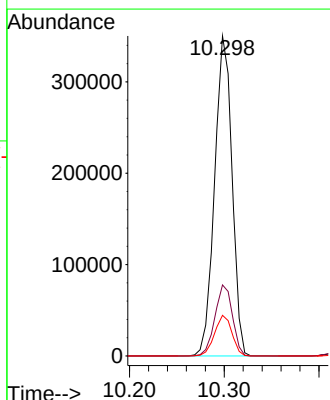
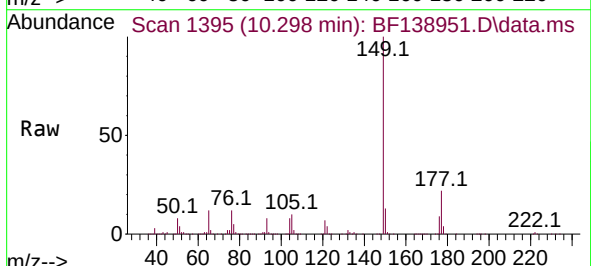
Manual Integrations
APPROVED

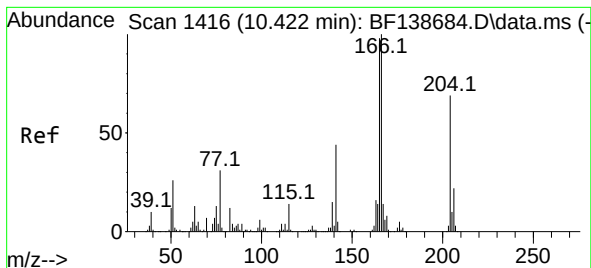
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#60
Diethylphthalate
Concen: 66.121 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

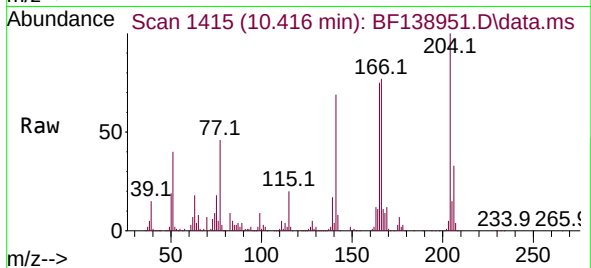
Tgt Ion:149 Resp: 447710
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 61.316 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

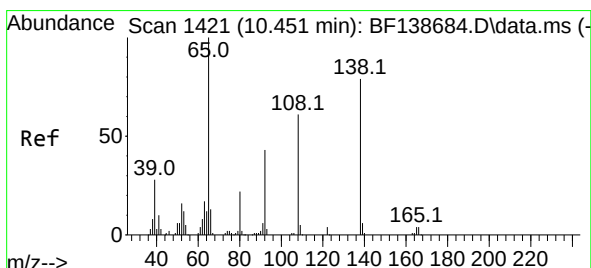
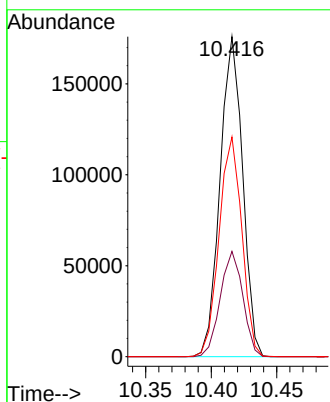
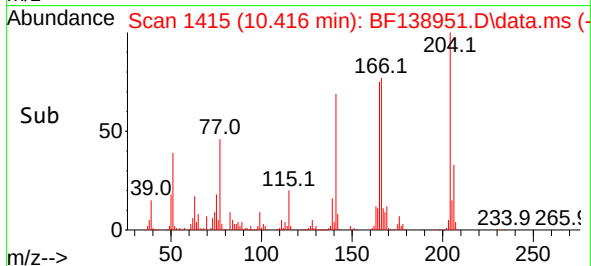
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:204 Resp: 21024
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 68.7 51.4 77.0

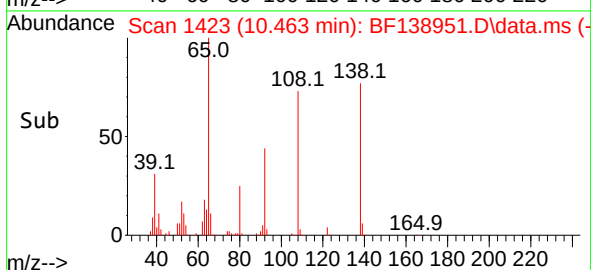
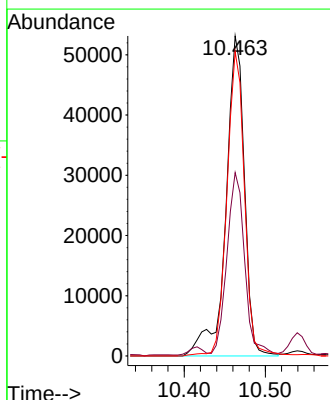
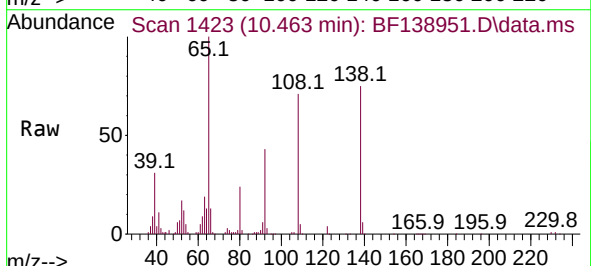
Manual Integrations
APPROVED

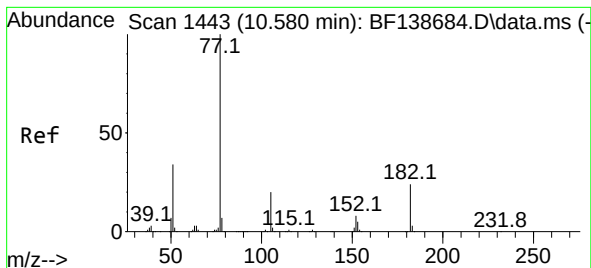
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#62
4-Nitroaniline
Concen: 53.318 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:138 Resp: 84418
Ion Ratio Lower Upper
138 100
92 57.3 34.2 74.2
108 95.1 56.2 96.2





#63

Azobenzene

Concen: 62.616 ng

RT: 10.575 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

Tgt Ion: 77 Resp: 47023

Ion Ratio Lower Upper

77 100

182 22.8 3.4 43.4

105 19.5 0.2 40.2

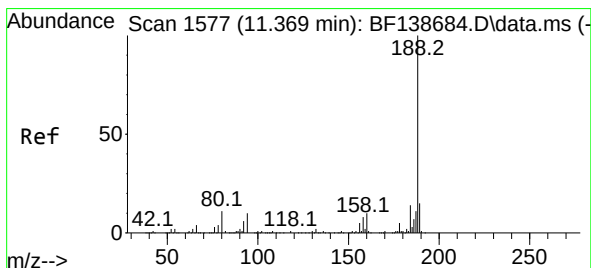
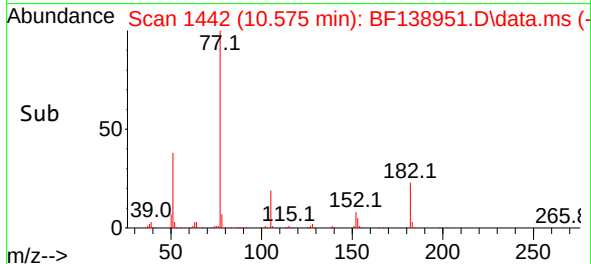
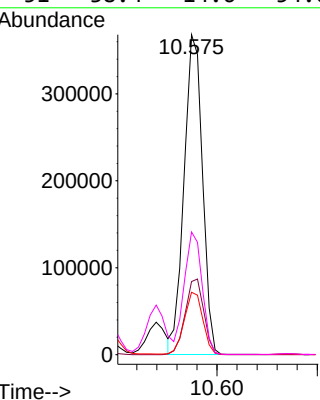
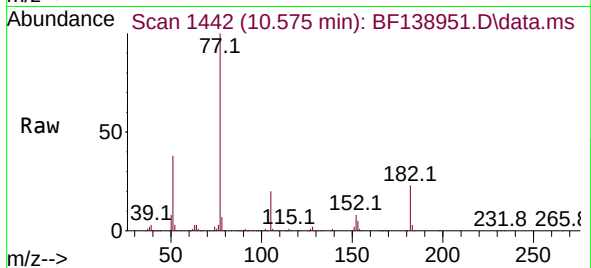
51 38.4 14.6 54.6

Manual Integrations

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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: BF138951.D

Acq: 12 Aug 2024 23:57

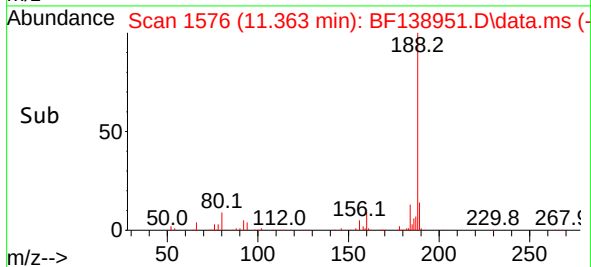
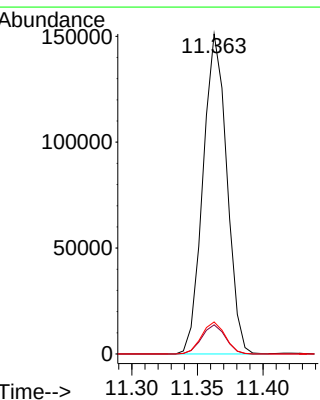
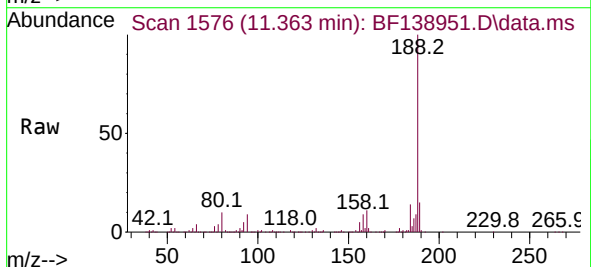
Tgt Ion:188 Resp: 190822

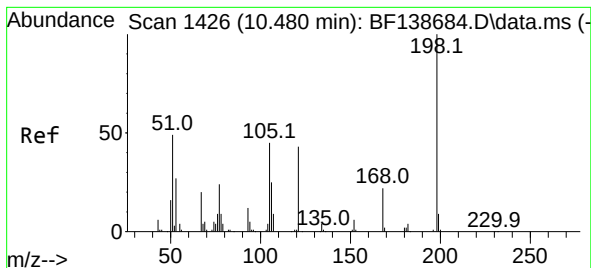
Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 10.0 8.6 12.8





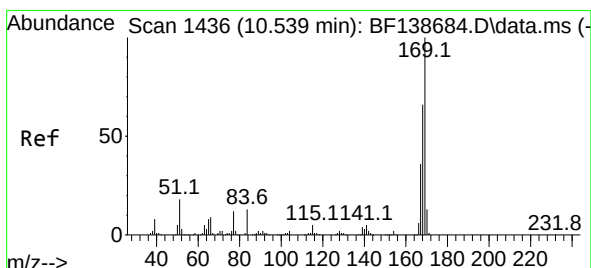
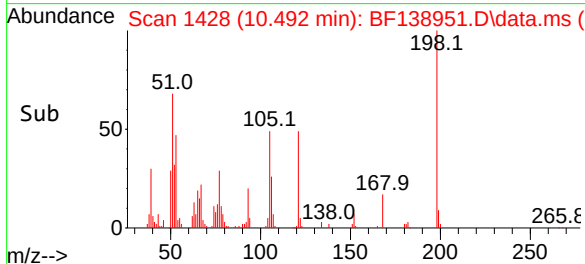
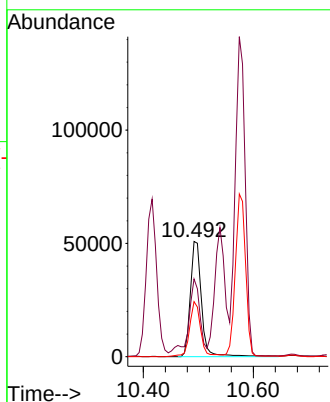
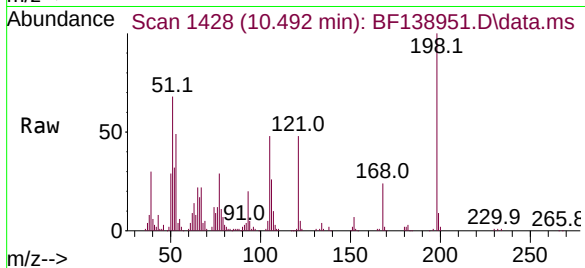
#65
4,6-Dinitro-2-methylphenol
Concen: 61.516 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :
BNA_F
ClientSampleId :
TS04MSD

Tgt Ion:198 Resp: 71610
Ion Ratio Lower Upper
198 100
51 67.5 39.9 79.9
105 47.7 26.1 66.1

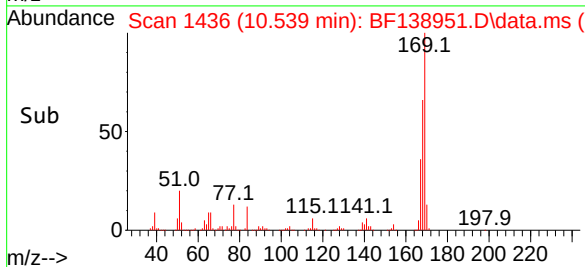
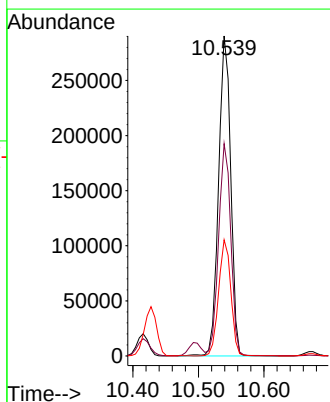
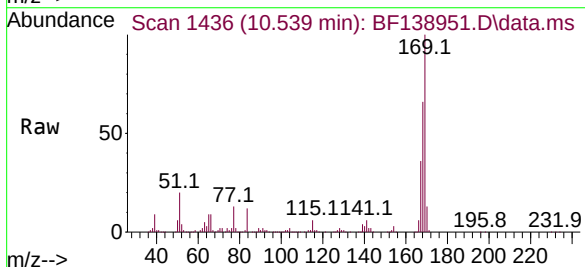
Manual Integrations
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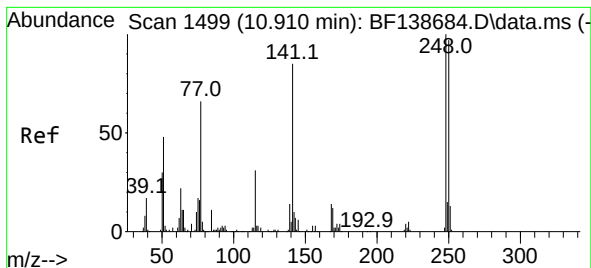
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#66
n-Nitrosodiphenylamine
Concen: 62.139 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

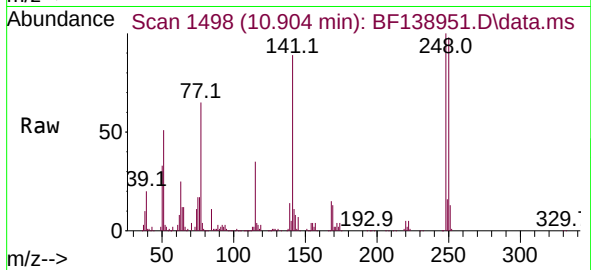
Tgt Ion:169 Resp: 370642
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 59.595 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

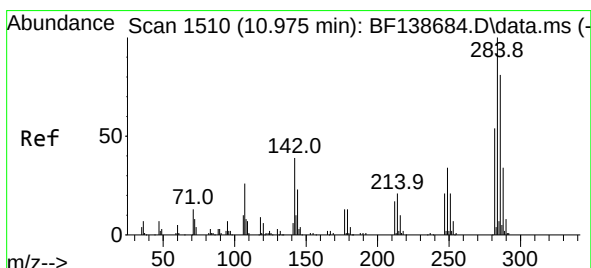
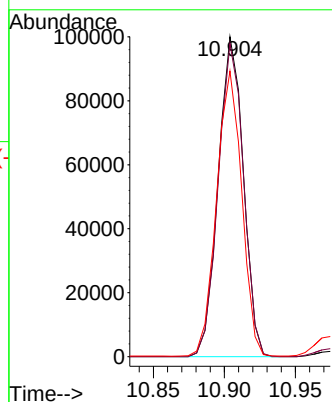
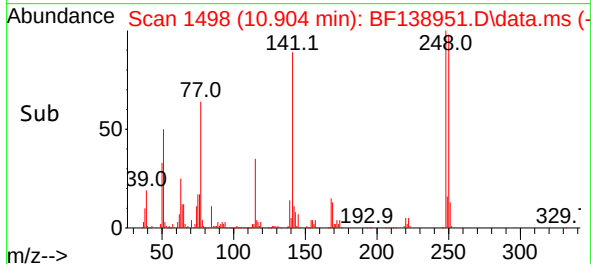
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:248 Resp: 12312
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 89.2 68.0 102.0

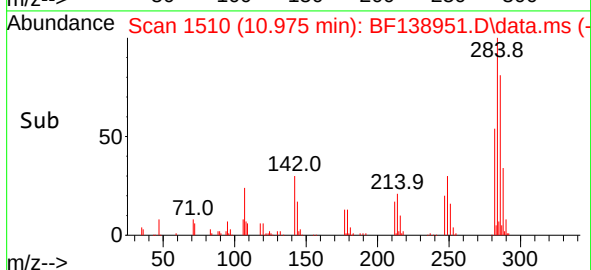
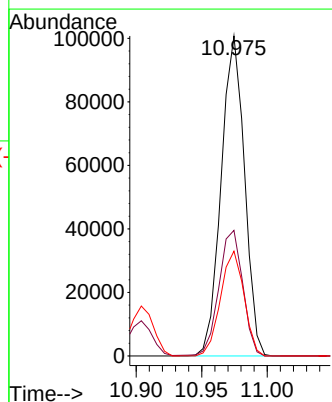
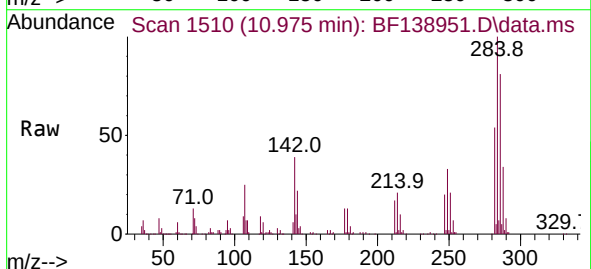
Manual Integrations
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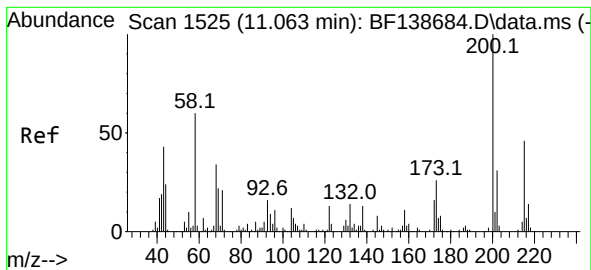
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#68
Hexachlorobenzene
Concen: 58.369 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:284 Resp: 124511
Ion Ratio Lower Upper
284 100
142 39.2 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 69.137 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

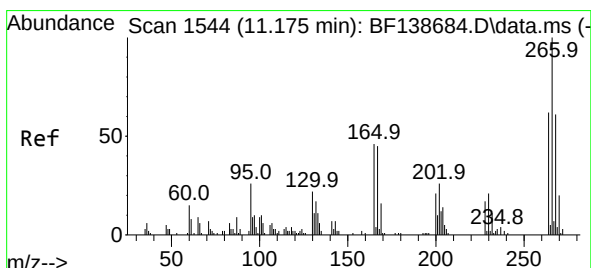
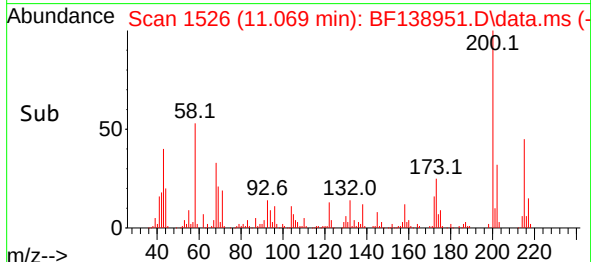
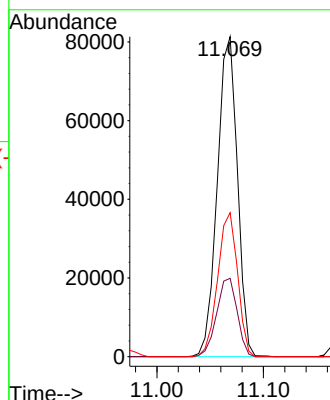
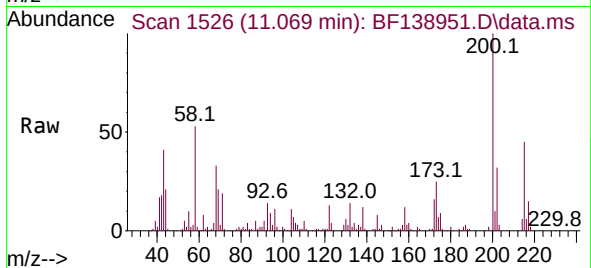
Tgt Ion:	200	Resp:	10639
Ion Ratio	Lower	Upper	
200	100		
173	24.5	6.0	46.0
215	45.0	26.1	66.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#70

Pentachlorophenol

Concen: 83.546 ng

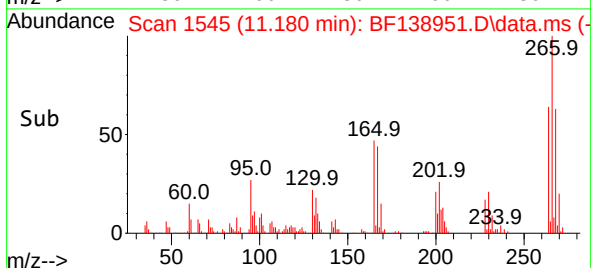
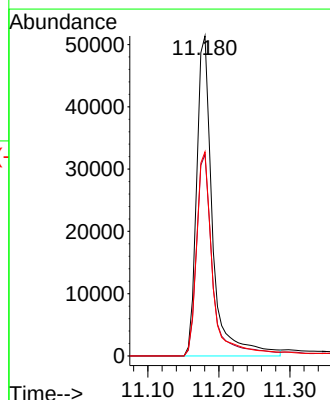
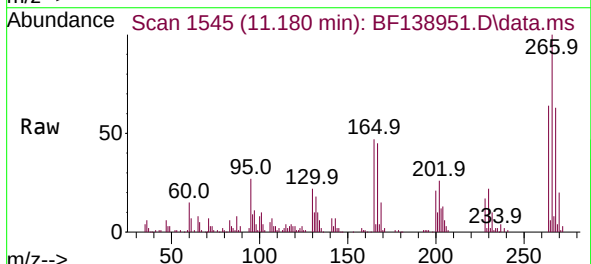
RT: 11.180 min Scan# 1545

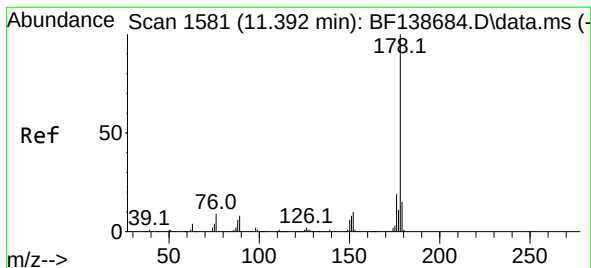
Delta R.T. 0.005 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

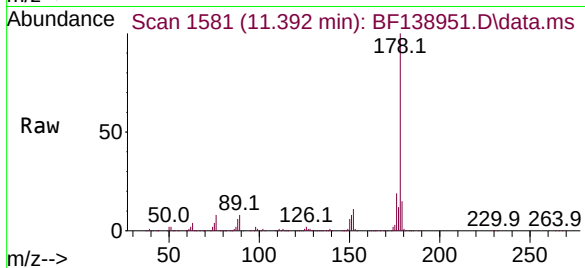
Tgt Ion:	266	Resp:	80330
Ion Ratio	Lower	Upper	
266	100		
268	63.0	49.2	73.8
264	63.8	49.8	74.6





#71
Phenanthrene
Concen: 60.983 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

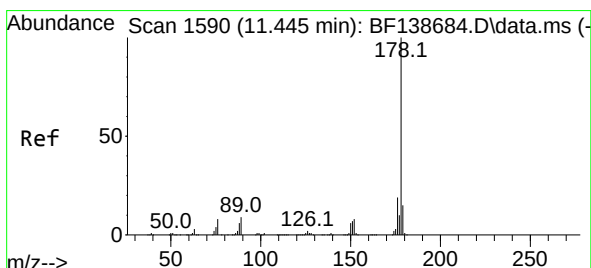
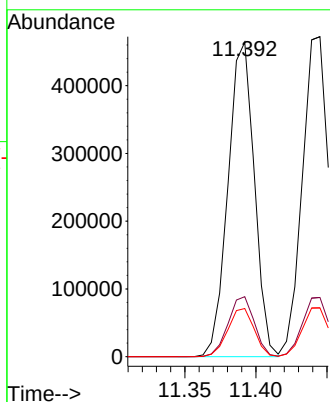
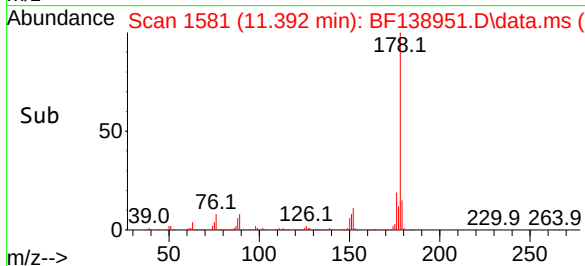
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:178 Resp: 599208
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.2 18.2

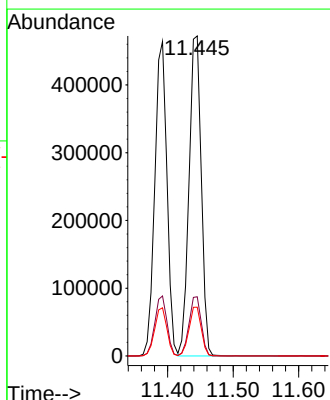
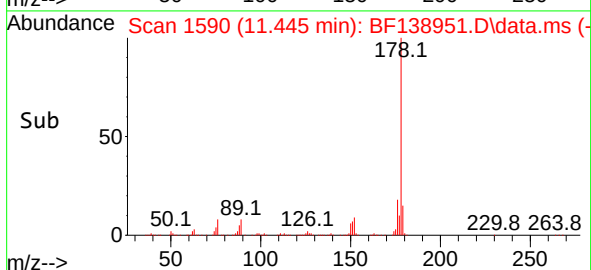
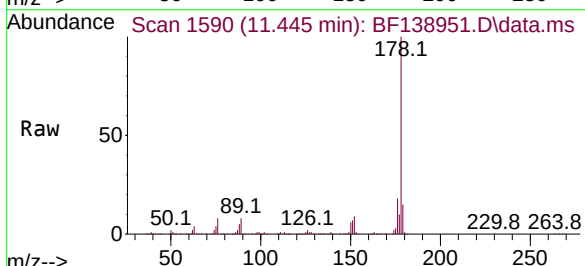
Manual Integrations
APPROVED

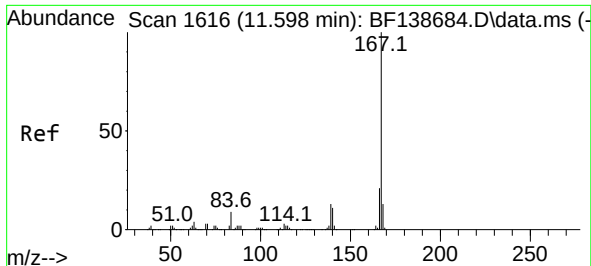
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#72
Anthracene
Concen: 63.106 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

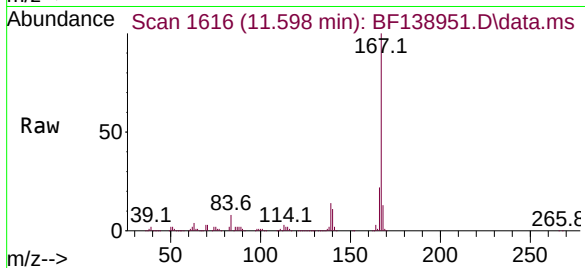
Tgt Ion:178 Resp: 610848
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 58.884 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138951.D
 Acq: 12 Aug 2024 23:57

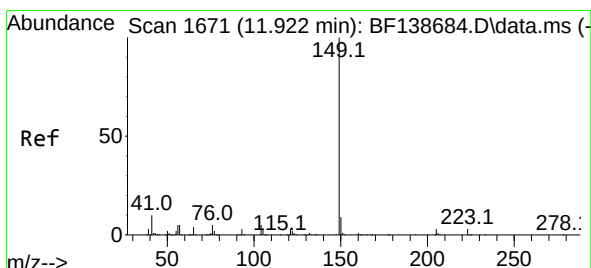
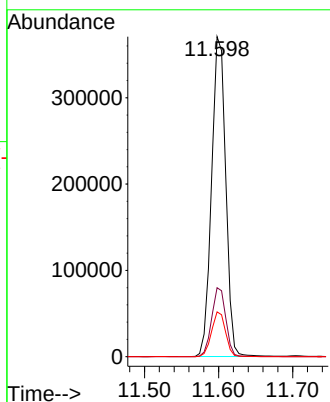
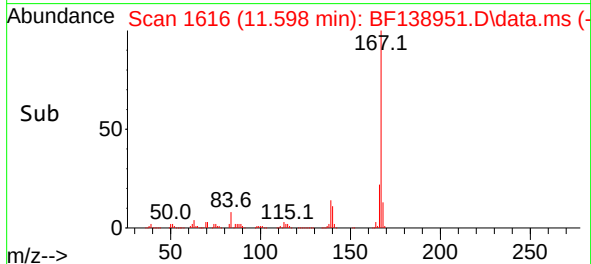
Instrument :
 BNA_F
 ClientSampleId :
 TS04MSD



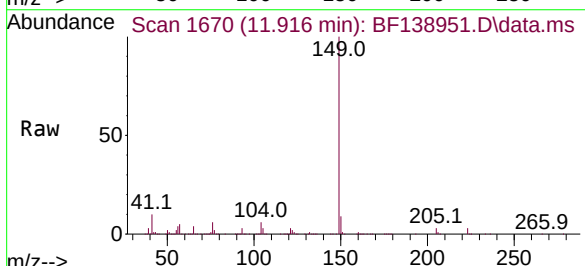
Tgt Ion:167 Resp: 491750
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 14.0 10.6 16.0

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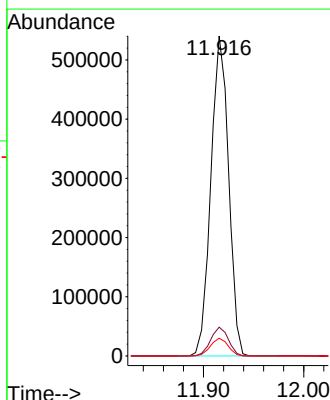
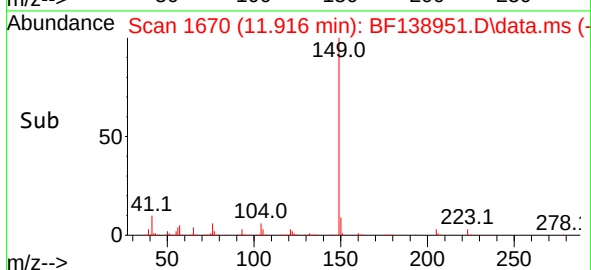
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

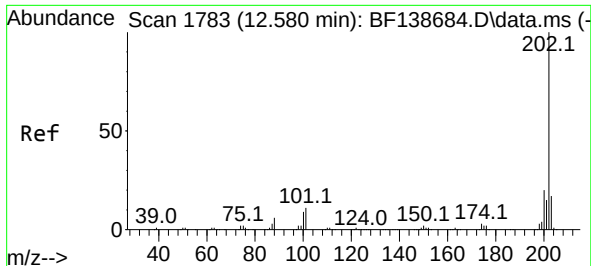


#74
 Di-n-butylphthalate
 Concen: 70.692 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138951.D
 Acq: 12 Aug 2024 23:57



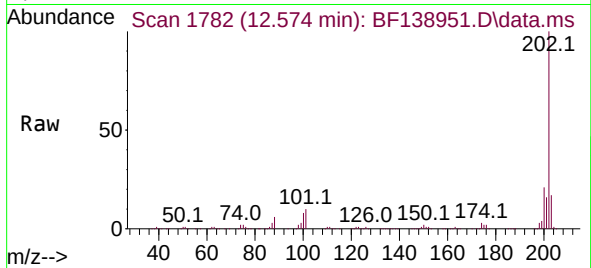
Tgt Ion:149 Resp: 663660
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 58.281 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

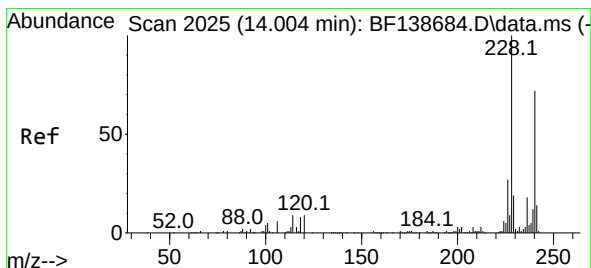
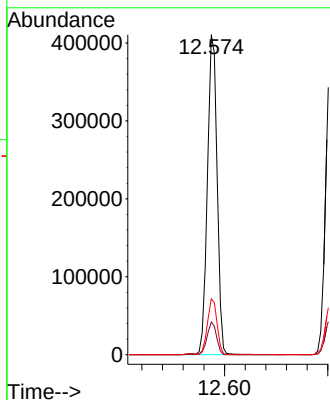
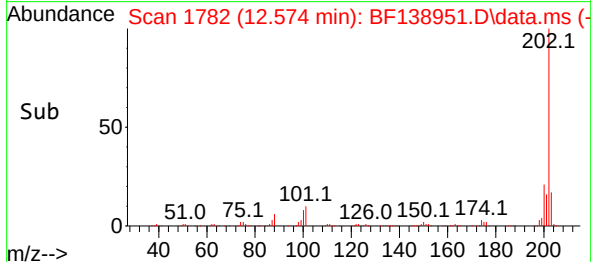
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:202 Resp: 534614
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.5 0.0 37.3

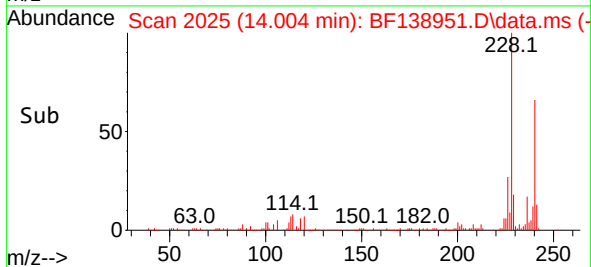
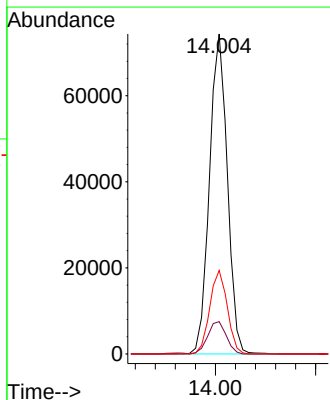
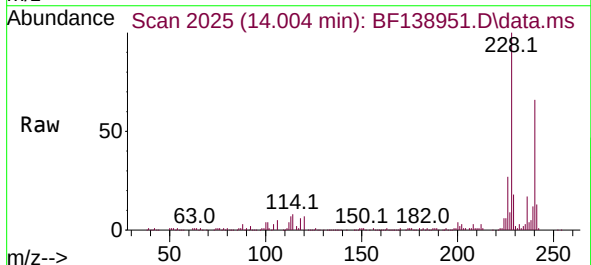
Manual Integrations
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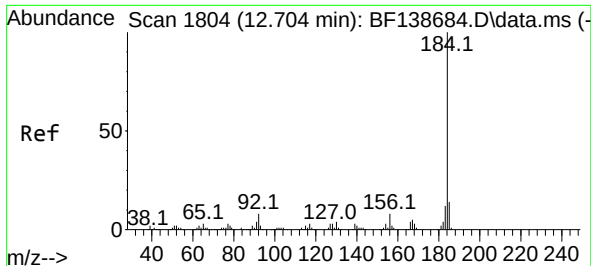
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

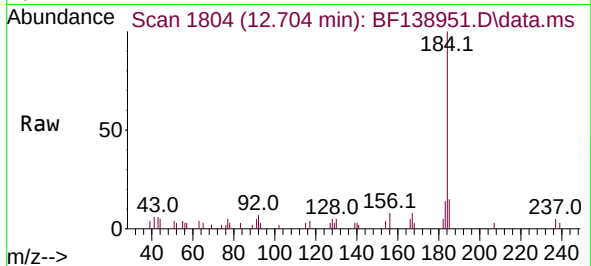
Tgt Ion:240 Resp: 91973
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 26.1 19.8 29.8





#77
Benzidine
Concen: 5.611 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

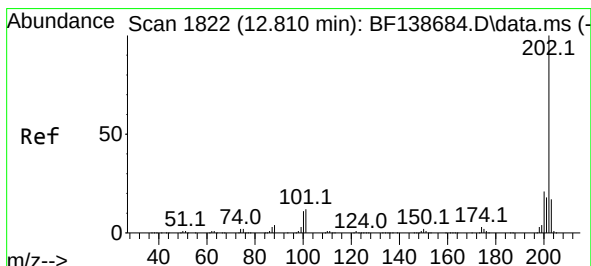
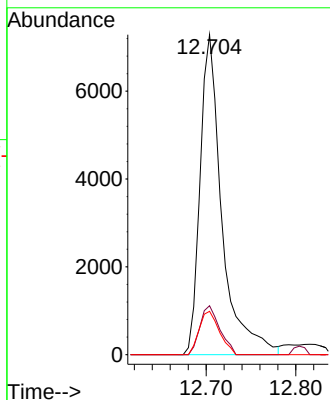
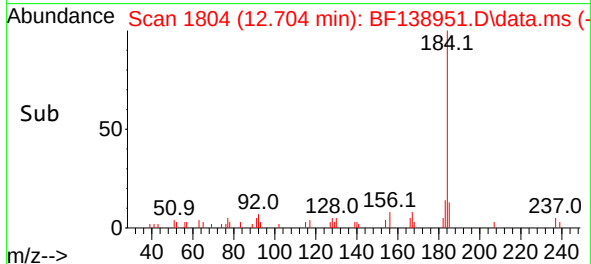
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:184 Resp: 1234
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 13.5 9.6 14.4

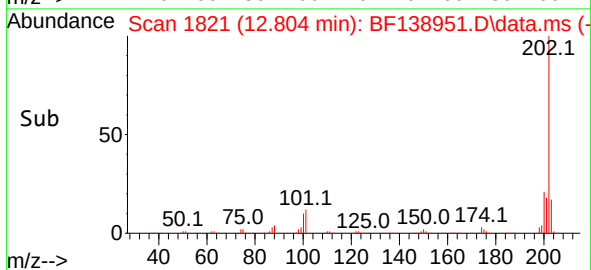
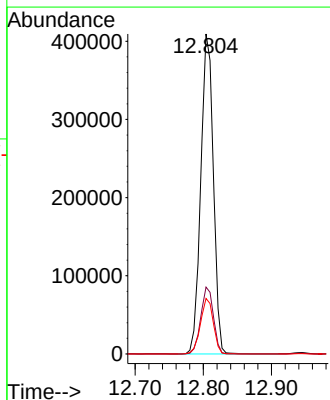
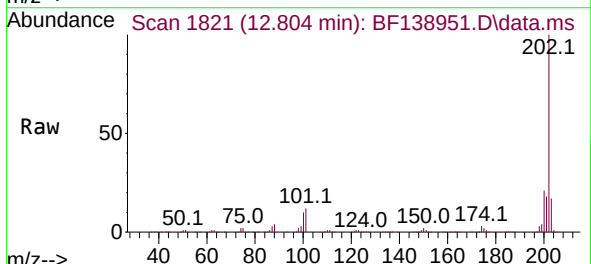
Manual Integrations
APPROVED

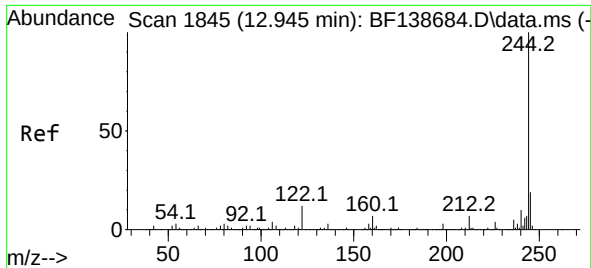
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#78
Pyrene
Concen: 60.623 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

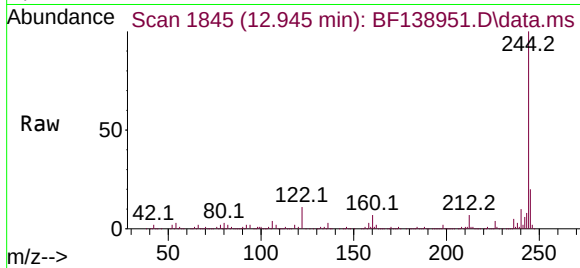
Tgt Ion:202 Resp: 524964
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.4 13.8 20.6





#79
Terphenyl-d14
Concen: 129.742 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

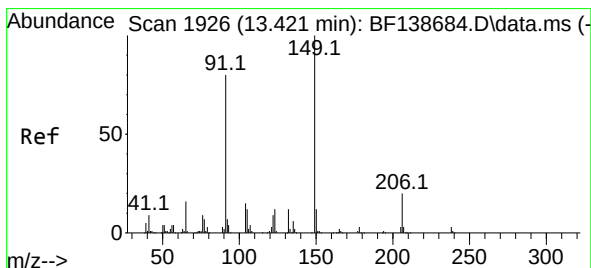
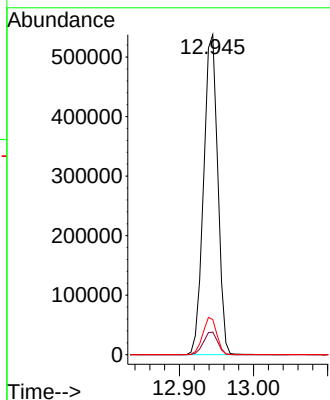
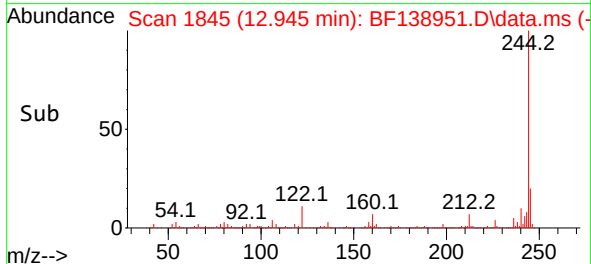
Instrument :
BNA_F
ClientSampleId :
TS04MSD



Tgt Ion:244 Resp: 712715
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.0 9.6 14.4

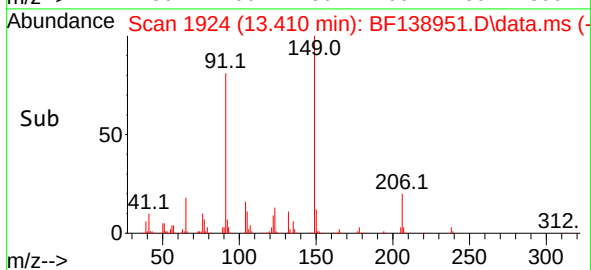
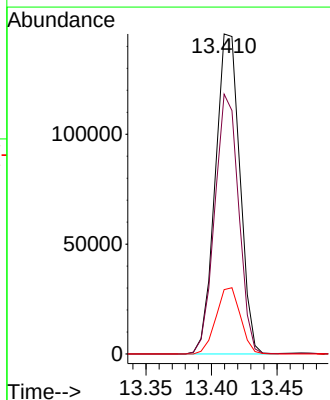
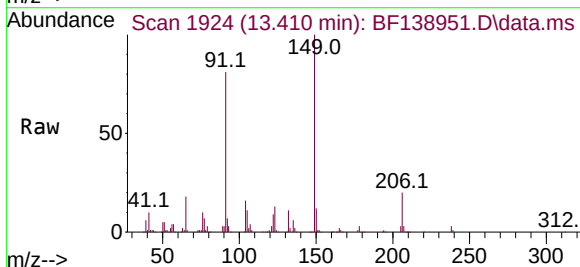
Manual Integrations
APPROVED

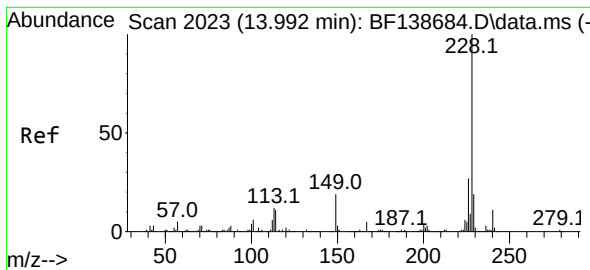
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#80
Butylbenzylphthalate
Concen: 68.420 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Tgt Ion:149 Resp: 189731
Ion Ratio Lower Upper
149 100
91 81.2 63.7 95.5
206 20.1 16.2 24.2





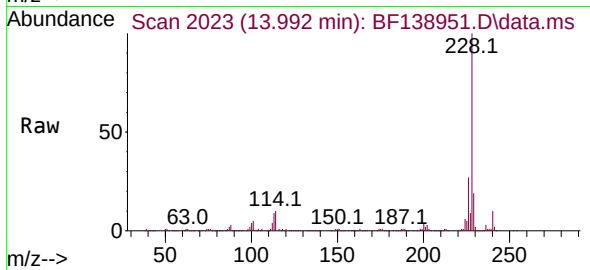
#81
Benzo(a)anthracene
Concen: 60.011 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

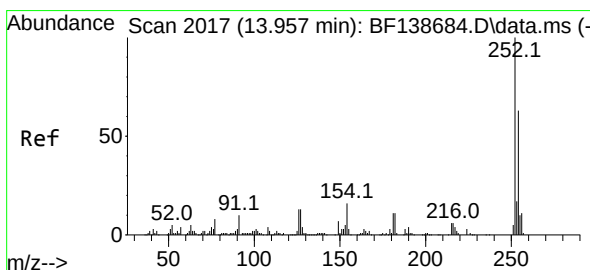
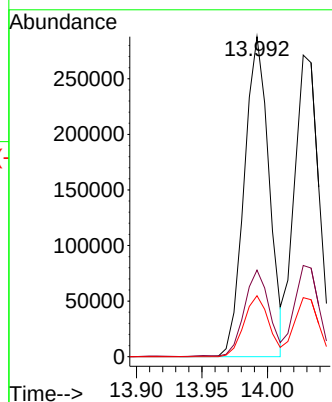
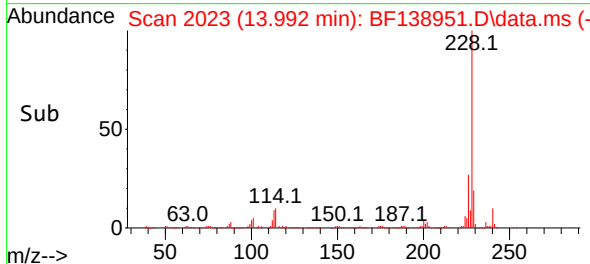


Tgt Ion:228 Resp: 380070
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.0 15.4 23.0

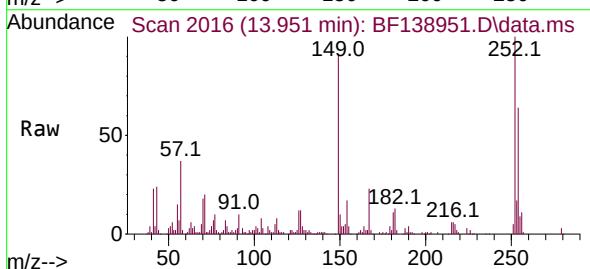
Manual Integrations

APPROVED

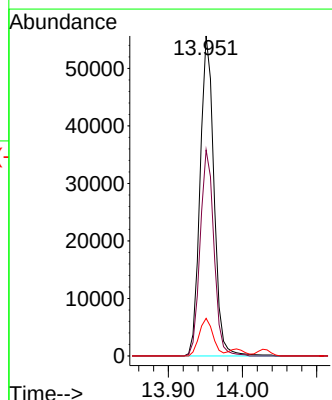
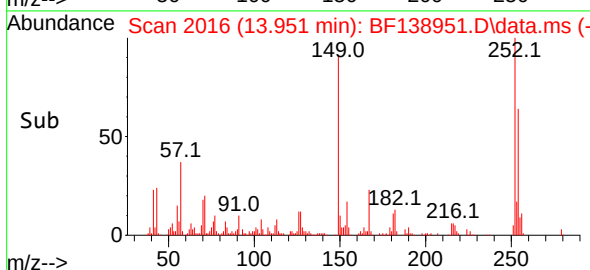
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

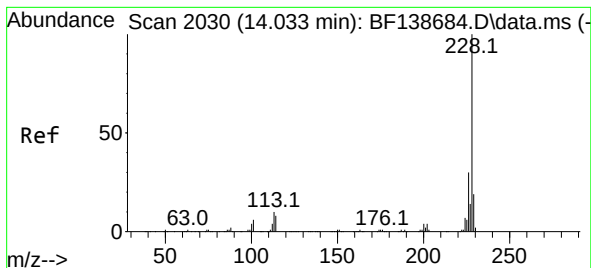


#82
3,3'-Dichlorobenzidine
Concen: 44.617 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



Tgt Ion:252 Resp: 72314
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 11.8 10.2 15.2





#83

Chrysene

Concen: 61.198 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

Tgt Ion:228 Resp: 34968

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

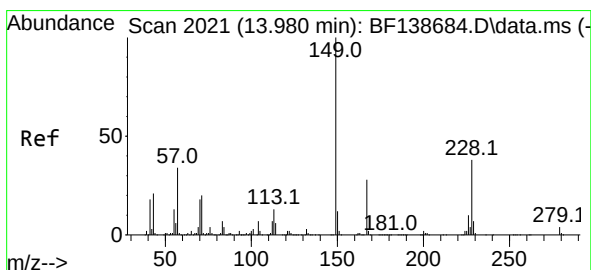
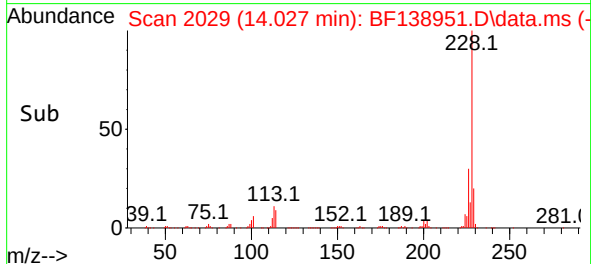
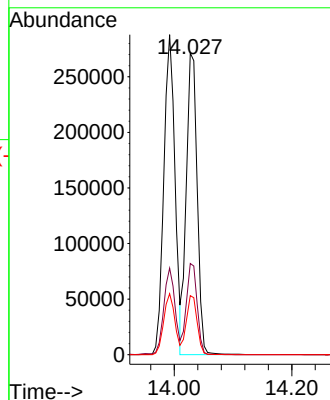
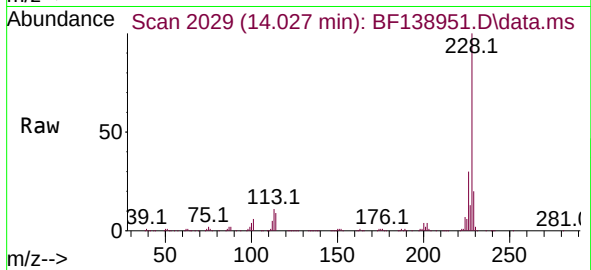
229 19.6 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.757 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

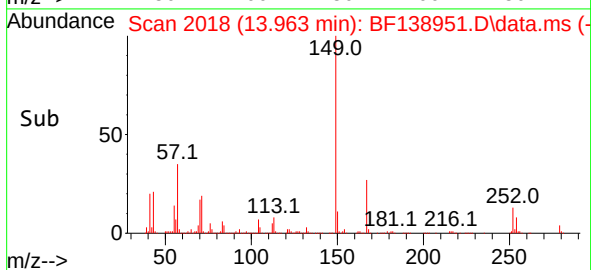
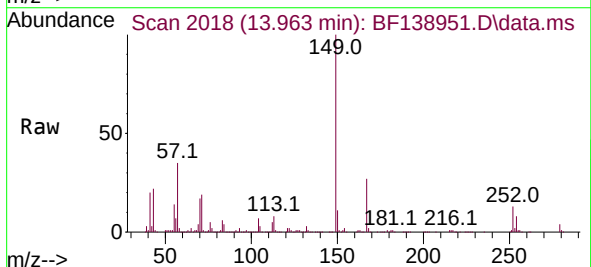
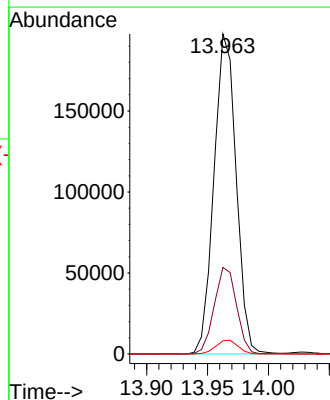
Tgt Ion:149 Resp: 250774

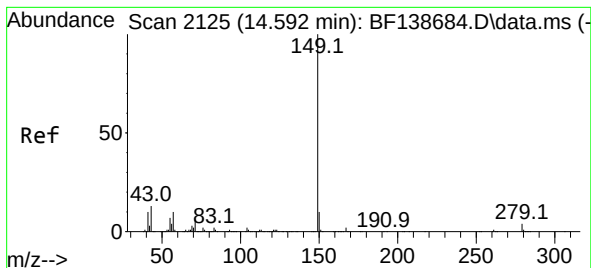
Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.4

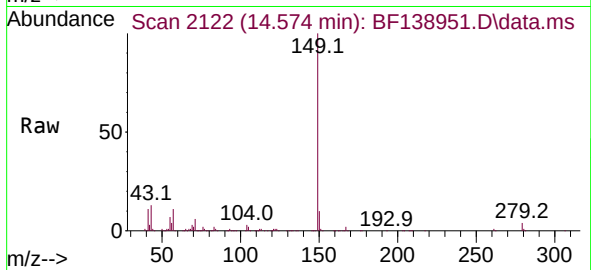
279 4.1 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 53.358 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

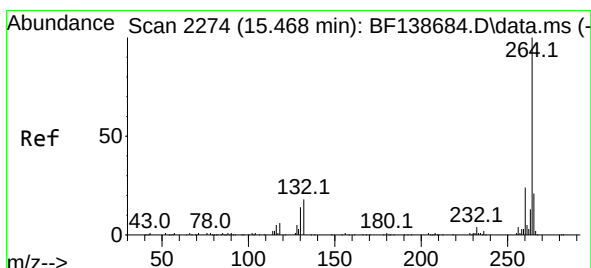
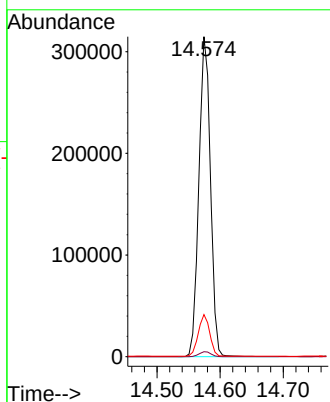
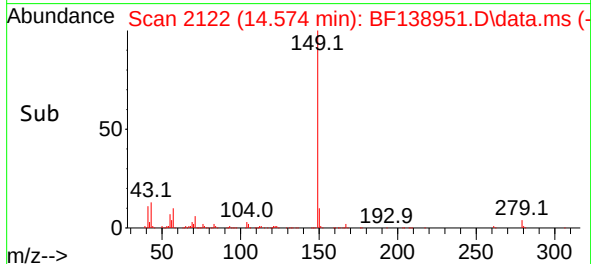
Instrument :
BNA_F
ClientSampleId :
TS04MSD



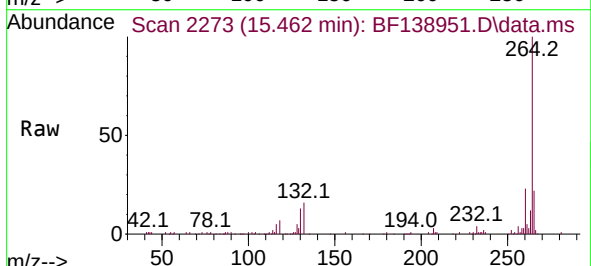
Tgt Ion:149 Resp: 400870
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.8 10.4 15.6

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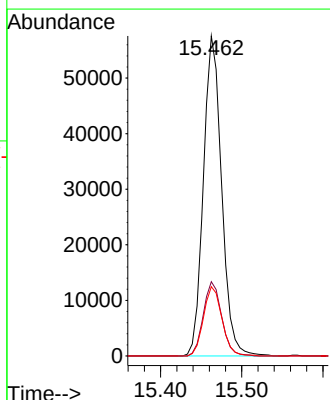
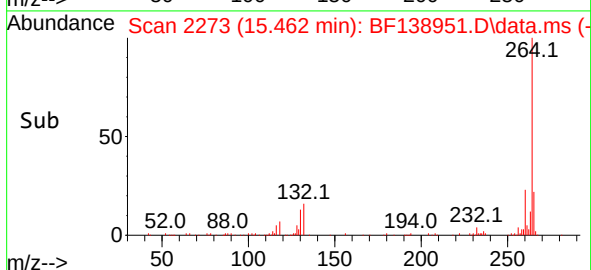
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

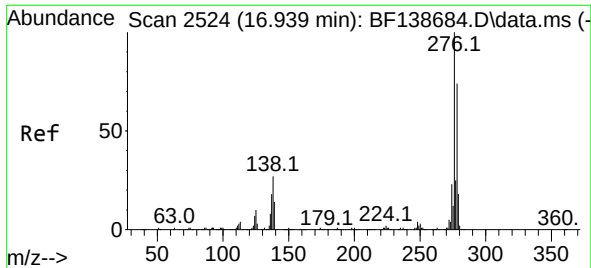


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



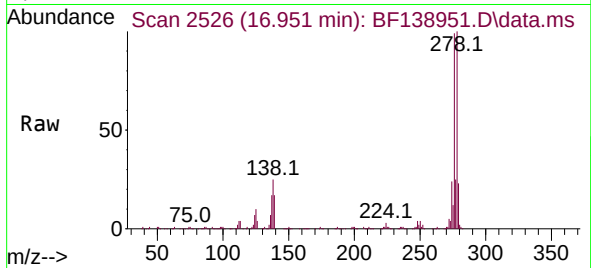
Tgt Ion:264 Resp: 89724
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.7 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.678 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

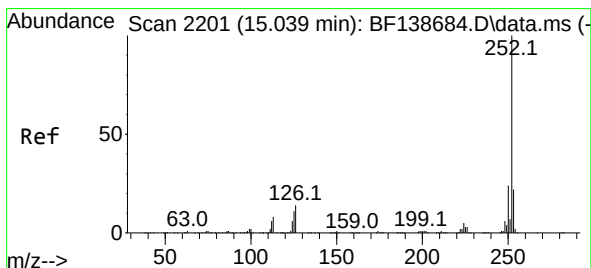
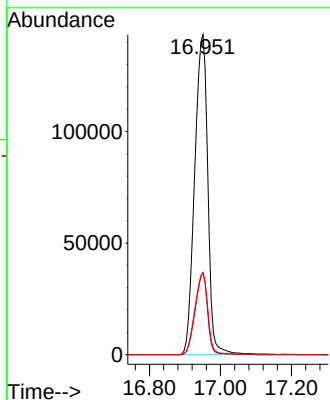
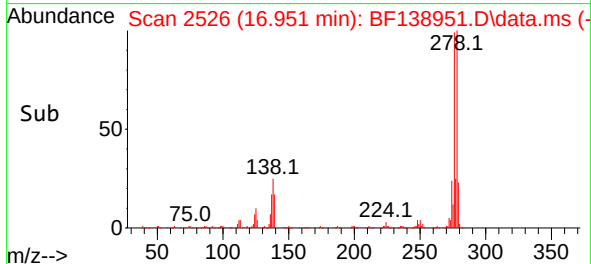
Instrument :
BNA_F
ClientSampleId :
TS04MSD



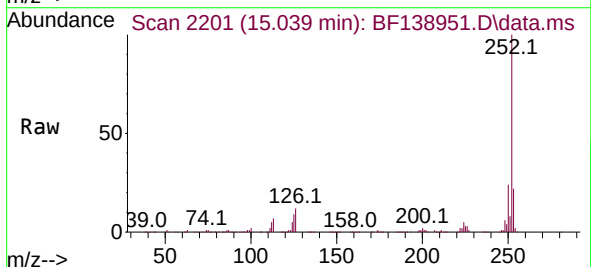
Tgt Ion:276 Resp: 370860
Ion Ratio Lower Upper
276 100
138 23.8 21.8 32.8
277 25.1 20.6 30.8

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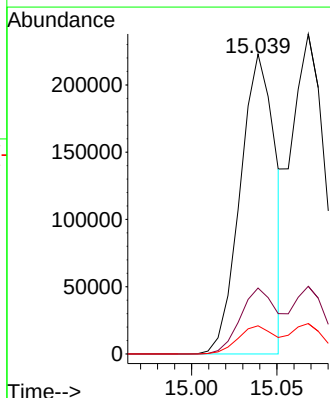
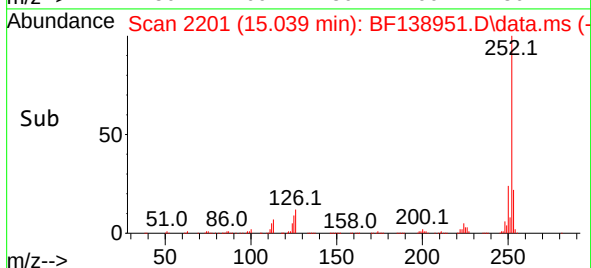
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

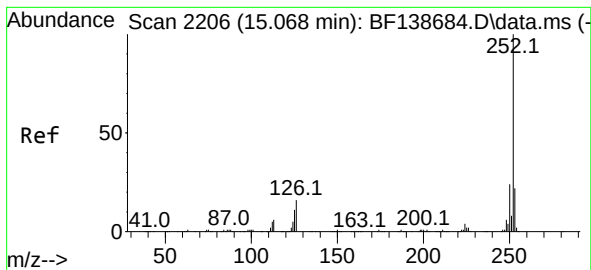


#88
Benzo(b)fluoranthene
Concen: 57.150 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



Tgt Ion:252 Resp: 317870
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 67.876 ng m

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

Instrument :

BNA_F

ClientSampleId :

TS04MSD

Tgt Ion:252 Resp: 326869

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

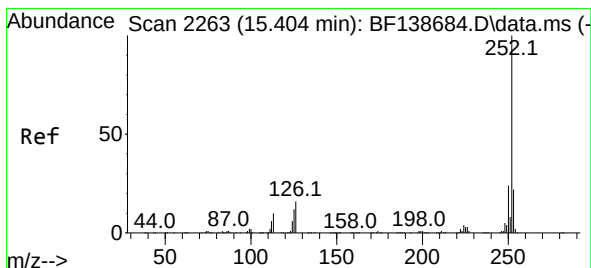
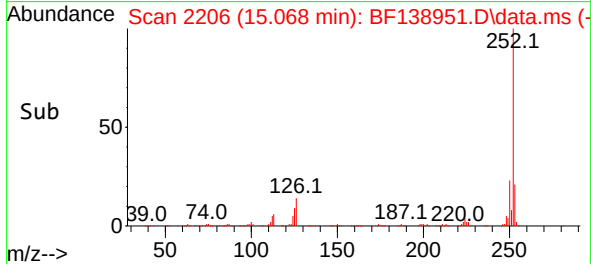
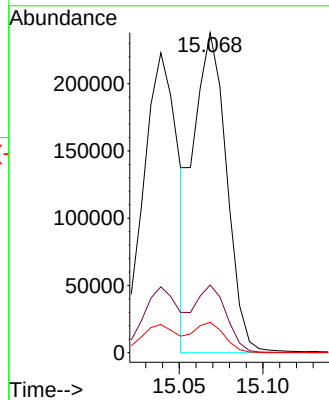
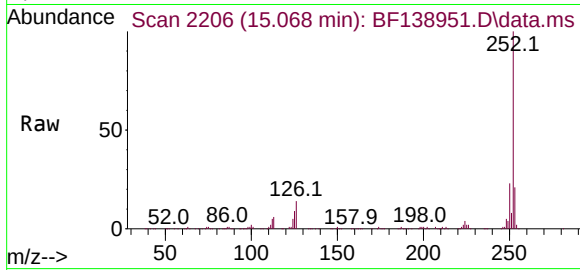
125 9.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#90

Benzo(a)pyrene

Concen: 63.981 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF138951.D

Acq: 12 Aug 2024 23:57

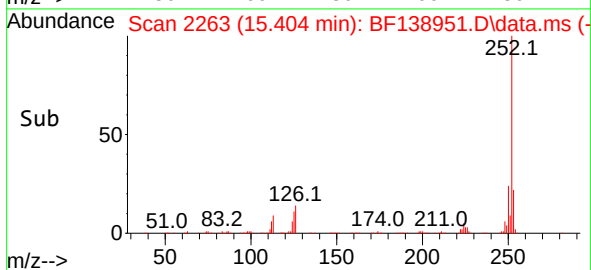
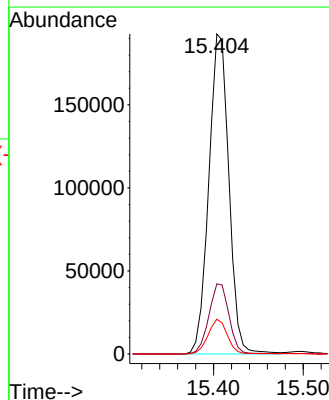
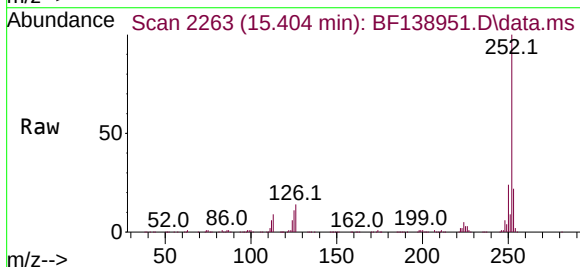
Tgt Ion:252 Resp: 299330

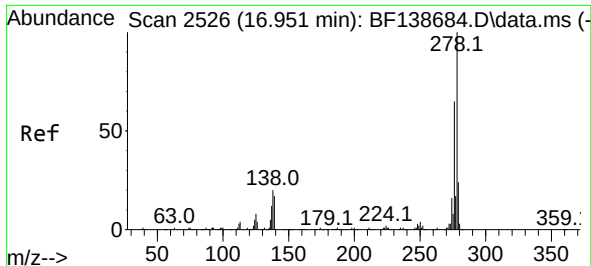
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

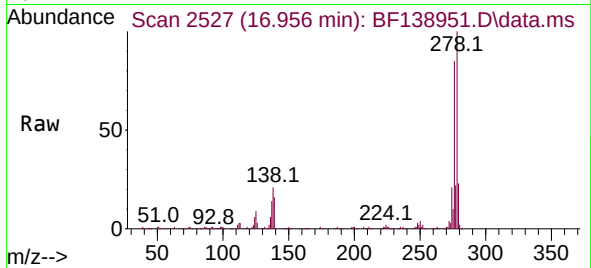
125 10.8 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 56.322 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57

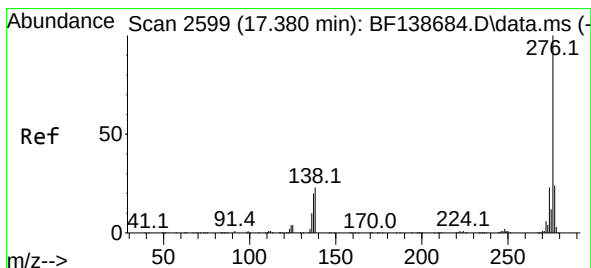
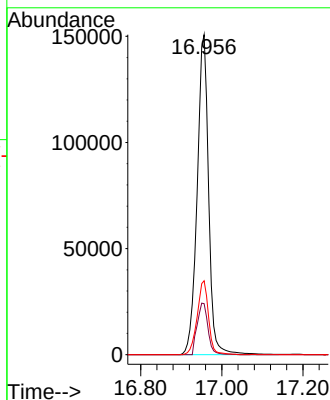
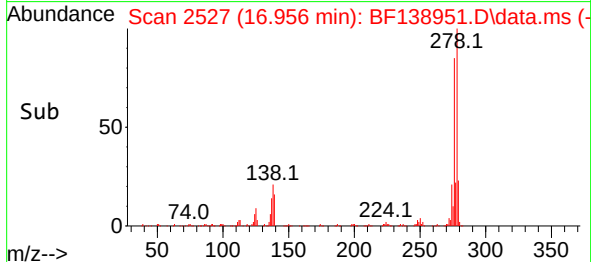
Instrument :
BNA_F
ClientSampleId :
TS04MSD



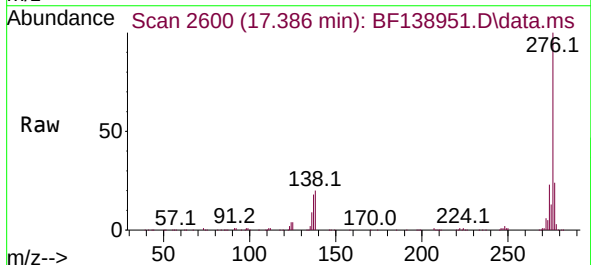
Tgt Ion:278 Resp: 297279
Ion Ratio Lower Upper
278 100
139 16.0 14.0 21.0
279 23.1 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.197 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138951.D
Acq: 12 Aug 2024 23:57



Tgt Ion:276 Resp: 274937
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.3 18.5 27.7

