

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138976.D
 Acq On : 13 Aug 2024 15:49
 Operator : RC/JU
 Sample : P3519-17MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 16:28:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	37456	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	154486	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	82532	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	128981	20.000	ng	0.00
76) Chrysene-d12	13.998	240	66029	20.000	ng	0.00
86) Perylene-d12	15.462	264	66832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	316576	130.469	ng	0.01
7) Phenol-d6	6.492	99	426916	131.046	ng	0.00
23) Nitrobenzene-d5	7.410	82	284169	89.933	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	86896	128.535	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	485407	88.368	ng	-0.01
79) Terphenyl-d14	12.939	244	330256	83.742	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	46069	43.367	ng	96
3) Pyridine	3.440	79	113288	44.023	ng	95
4) n-Nitrosodimethylamine	3.410	42	98991	64.588	ng	81
6) Aniline	6.504	93	131932	45.410	ng	# 25
8) 2-Chlorophenol	6.633	128	144853	56.741	ng	96
9) Benzaldehyde	6.404	77	5428	2.779	ng	98
10) Phenol	6.504	94	186518	54.378	ng	78
11) bis(2-Chloroethyl)ether	6.575	93	137714	52.174	ng	100
12) 1,3-Dichlorobenzene	6.781	146	151917	53.161	ng	98
13) 1,4-Dichlorobenzene	6.857	146	156143	54.143	ng	99
14) 1,2-Dichlorobenzene	7.010	146	148512	55.102	ng	99
15) Benzyl Alcohol	6.992	79	138254	58.881	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	237127	52.202	ng	51
17) 2-Methylphenol	7.110	107	116406	55.220	ng	# 86
18) Hexachloroethane	7.345	117	58501	53.890	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	114832	58.361	ng	96
20) 3+4-Methylphenols	7.263	107	154229	57.022	ng	# 74
22) Acetophenone	7.251	105	198198	52.398	ng	99
24) Nitrobenzene	7.428	77	168987	52.557	ng	100
25) Isophorone	7.663	82	295166	54.706	ng	97
26) 2-Nitrophenol	7.739	139	77191	55.801	ng	91
27) 2,4-Dimethylphenol	7.780	122	95743	57.847	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	173902	52.927	ng	98
29) 2,4-Dichlorophenol	7.992	162	118227	55.589	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	129166	52.627	ng	98
31) Naphthalene	8.145	128	428639	52.712	ng	99
32) Benzoic acid	7.933	122	37535	28.850	ng	93
33) 4-Chloroaniline	8.198	127	72030	26.388	ng	98
34) Hexachlorobutadiene	8.251	225	80993	54.482	ng	99
35) Caprolactam	8.580	113	33902m	53.422	ng	
36) 4-Chloro-3-methylphenol	8.692	107	135089	55.578	ng	99
37) 2-Methylnaphthalene	8.833	142	279056	54.338	ng	100
38) 1-Methylnaphthalene	8.933	142	258068	51.281	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	121186	52.859	ng	98
41) Hexachlorocyclopentadiene	8.980	237	59244	96.094	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	75476	53.994	ng	99

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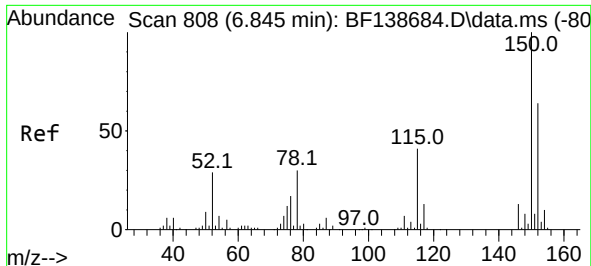
Manual Integrations
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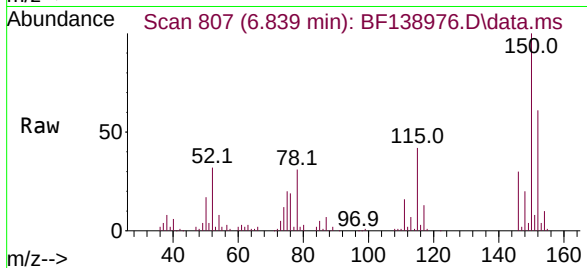
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	78782	51.554	ng	98
46) 1,1'-Biphenyl	9.298	154	329487	50.974	ng	99
47) 2-Chloronaphthalene	9.322	162	261026	54.298	ng	99
48) 2-Nitroaniline	9.427	65	93106	57.129	ng	96
49) Acenaphthylene	9.739	152	399915	58.654	ng	99
50) Dimethylphthalate	9.598	163	311108	58.953	ng	99
51) 2,6-Dinitrotoluene	9.669	165	64769	54.384	ng	# 87
52) Acenaphthene	9.910	154	242032	52.807	ng	100
53) 3-Nitroaniline	9.839	138	45738	37.149	ng	95
54) 2,4-Dinitrophenol	9.957	184	45940	83.795	ng	# 80
55) Dibenzofuran	10.080	168	362957	56.100	ng	97
56) 4-Nitrophenol	10.021	139	56016	75.659	ng	81
57) 2,4-Dinitrotoluene	10.080	165	86307	56.800	ng	# 79
58) Fluorene	10.421	166	285103	55.337	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	61555	52.688	ng	97
60) Diethylphthalate	10.298	149	295156	58.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	143000	56.434	ng	94
62) 4-Nitroaniline	10.457	138	58260m	49.794	ng	
63) Azobenzene	10.574	77	308123	55.522	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	40202	51.089	ng	88
66) n-Nitrosodiphenylamine	10.533	169	238407	59.134	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	78737	56.383	ng	96
68) Hexachlorobenzene	10.968	284	80357	55.732	ng	98
69) Atrazine	11.063	200	69221	66.547	ng	96
70) Pentachlorophenol	11.174	266	43065	66.263	ng	99
71) Phenanthrene	11.386	178	365714	55.065	ng	99
72) Anthracene	11.439	178	374315	57.210	ng	99
73) Carbazole	11.598	167	291337	51.612	ng	98
74) Di-n-butylphthalate	11.915	149	390953	61.610	ng	99
75) Fluoranthene	12.574	202	303547	48.957	ng	98
77) Benzidine	12.698	184	68678	43.486	ng	99
78) Pyrene	12.804	202	300142	48.279	ng	99
80) Butylbenzylphthalate	13.410	149	119631	60.092	ng	100
81) Benzo(a)anthracene	13.992	228	257707	56.678	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	59423	51.070	ng	99
83) Chrysene	14.027	228	225217	54.902	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	162539	55.756	ng	98
85) Di-n-octyl phthalate	14.574	149	280732	52.049	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	190992	39.878	ng	97
88) Benzo(b)fluoranthene	15.039	252	235164	56.763	ng	98
89) Benzo(k)fluoranthene	15.068	252	228155	63.606	ng	98
90) Benzo(a)pyrene	15.403	252	206496	59.256	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	155798	39.628	ng	98
92) Benzo(g,h,i)perylene	17.380	276	137122	33.611	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF138976.D
 Acq: 13 Aug 2024 15:49

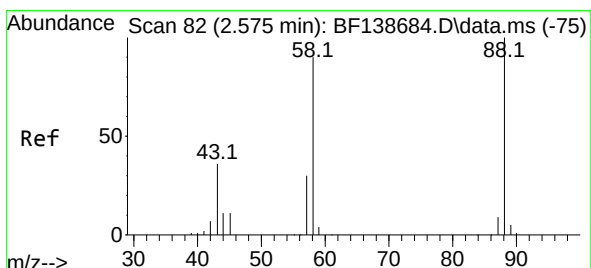
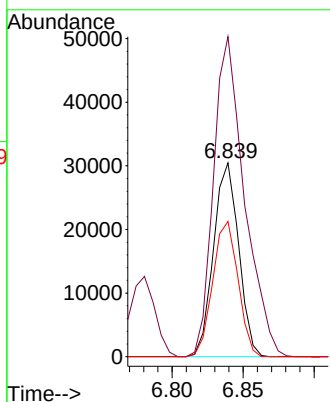
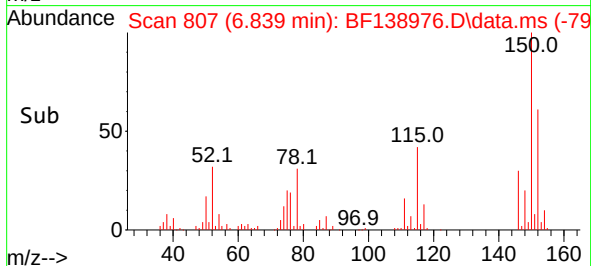
Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MS



Tgt Ion:152 Resp: 37450
 Ion Ratio Lower Upper
 152 100
 150 165.2 126.0 189.0
 115 69.7 51.7 77.5

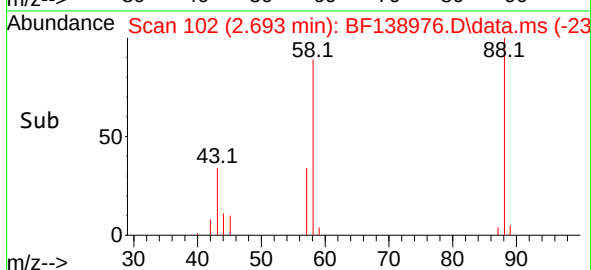
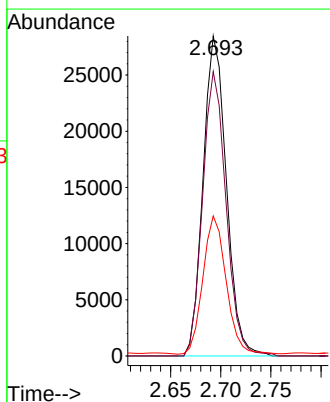
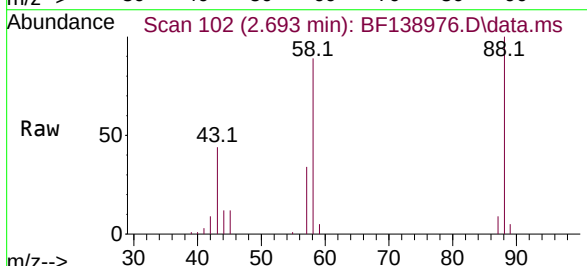
Manual Integrations
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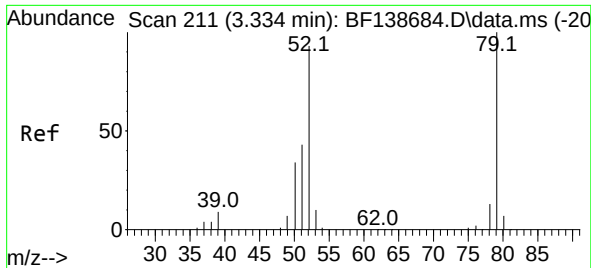
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#2
 1,4-Dioxane
 Concen: 43.367 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.117 min
 Lab File: BF138976.D
 Acq: 13 Aug 2024 15:49

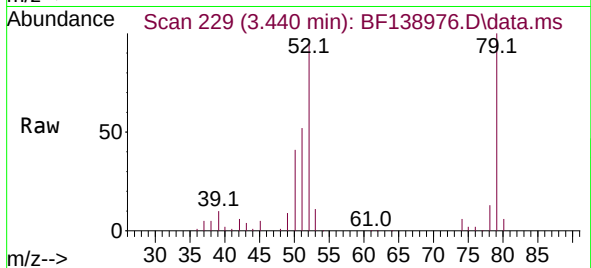
Tgt Ion: 88 Resp: 46069
 Ion Ratio Lower Upper
 88 100
 58 89.3 71.6 107.4
 43 43.1 28.7 43.1





#3
Pyridine
Concen: 44.023 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

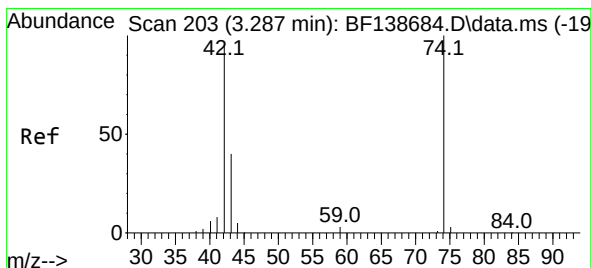
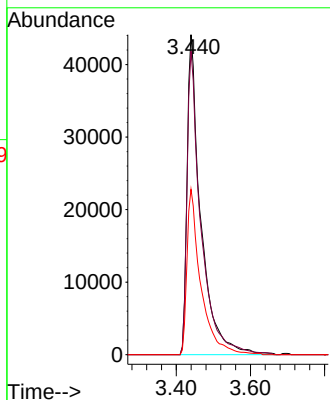
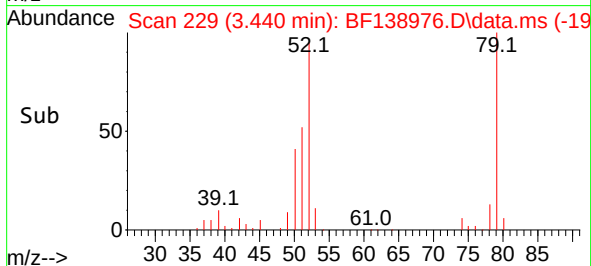
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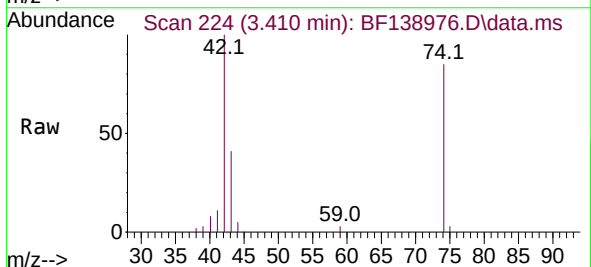
Tgt Ion: 79 Resp: 11328
Ion Ratio Lower Upper
79 100
52 94.9 74.7 112.1
51 51.7 34.6 51.8

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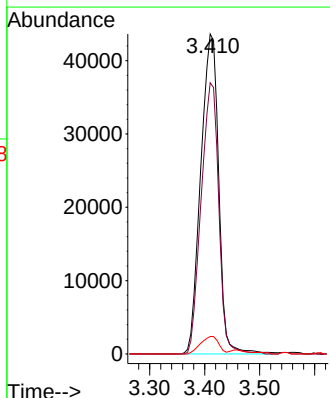
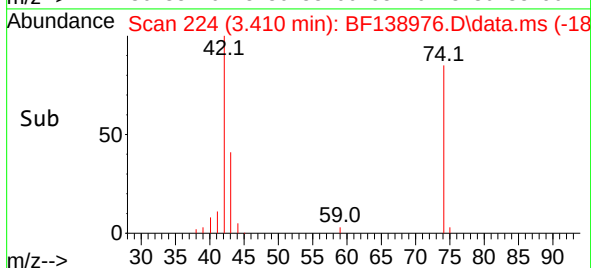
Reviewed By :Yogesh Patel 08/14/2024
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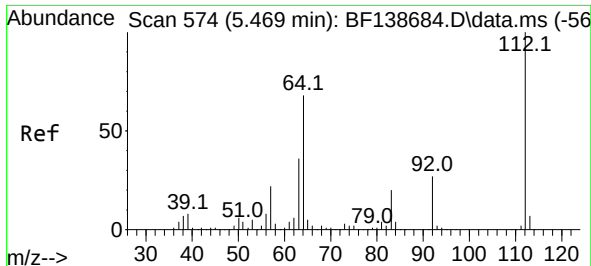


#4
n-Nitrosodimethylamine
Concen: 64.588 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.123 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



Tgt Ion: 42 Resp: 98991
Ion Ratio Lower Upper
42 100
74 84.7 84.2 126.4
44 5.5 4.9 7.3





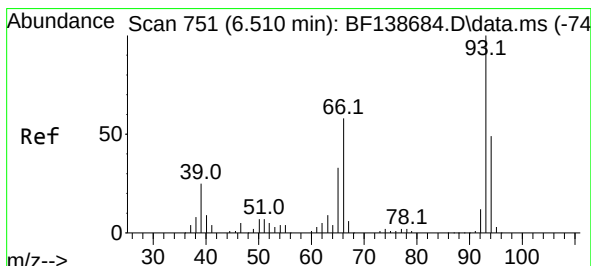
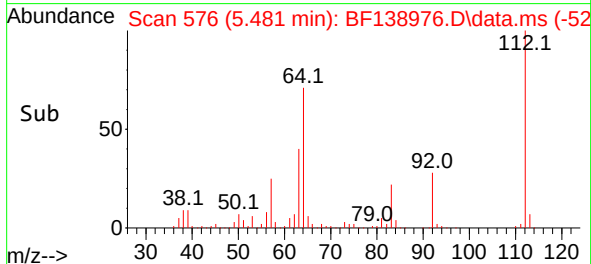
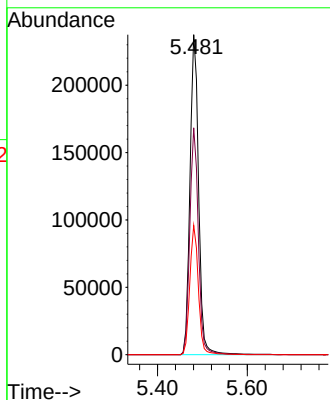
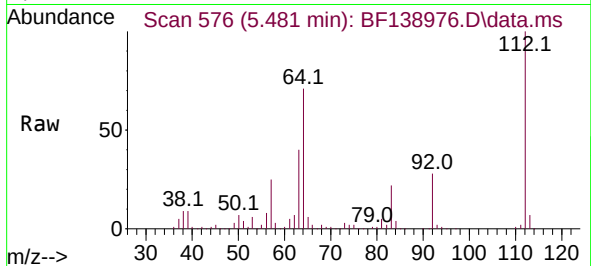
#5
2-Fluorophenol
Concen: 130.469 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS

Tgt Ion:112 Resp: 316570
Ion Ratio Lower Upper
112 100
64 70.9 54.2 81.4
63 40.4 28.7 43.1

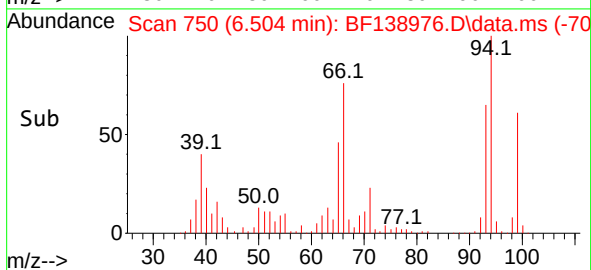
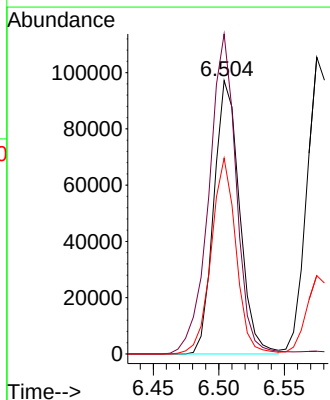
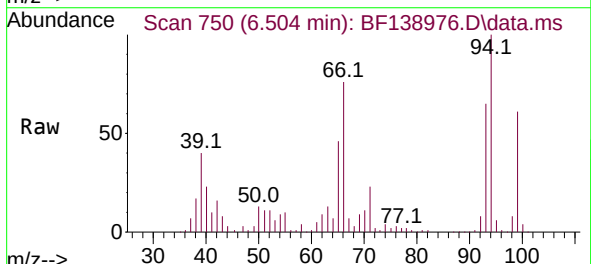
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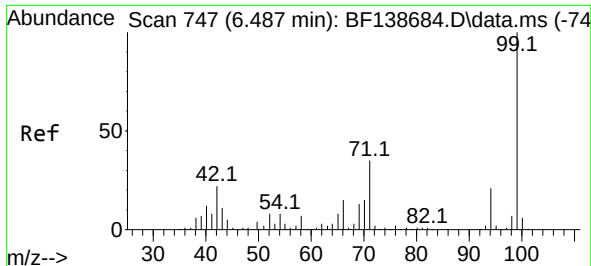
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 45.410 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

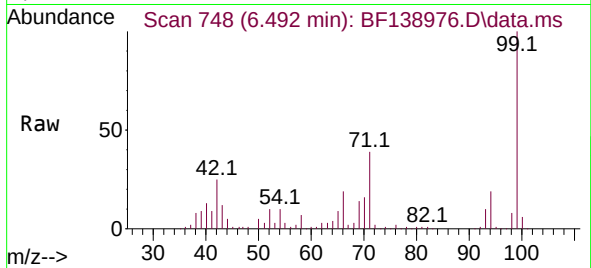
Tgt Ion: 93 Resp: 131932
Ion Ratio Lower Upper
93 100
66 117.0 46.9 70.3#
65 71.6 26.5 39.7#





#7
Phenol-d6
Concen: 131.046 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

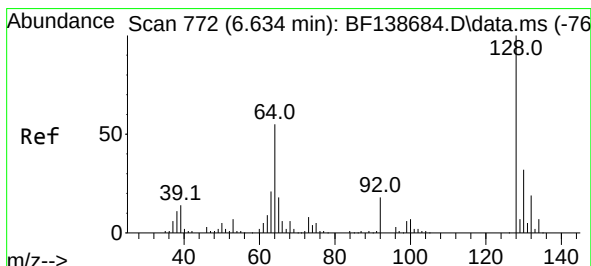
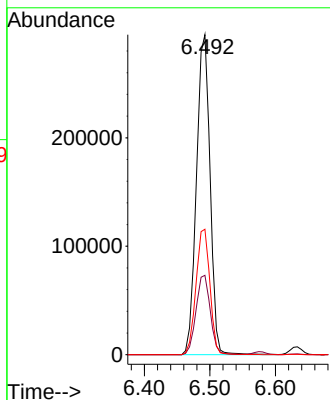
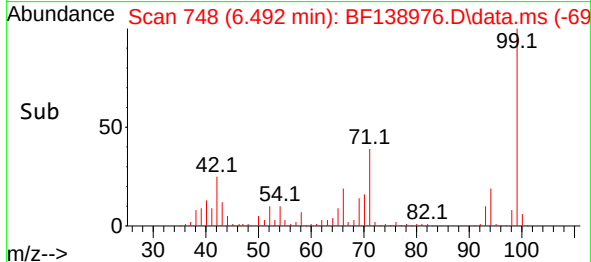
Instrument :
BNA_F
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OU4-CF-01-080624MS



Tgt Ion: 99 Resp: 426910
Ion Ratio Lower Upper
99 100
42 24.8 17.4 26.0
71 39.2 28.1 42.1

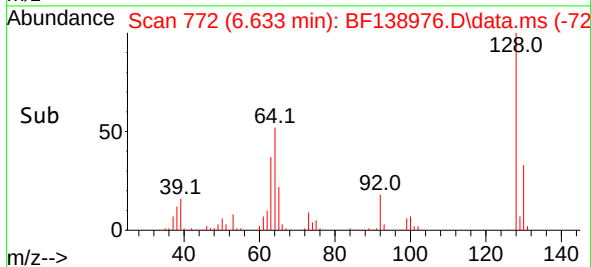
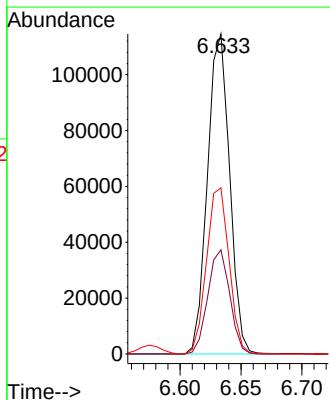
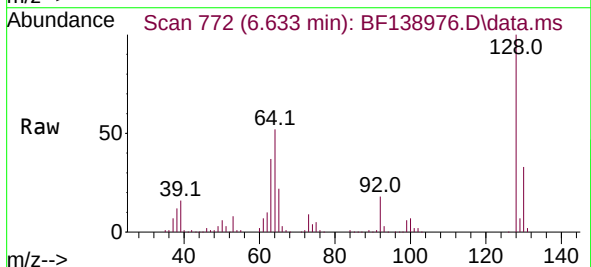
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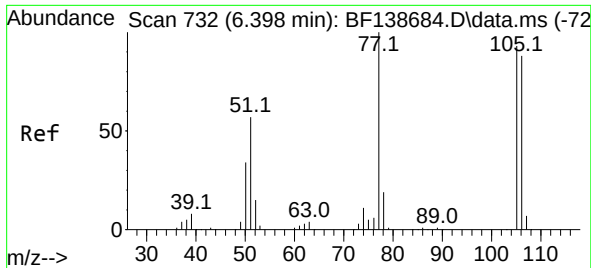
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 56.741 ng
RT: 6.633 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

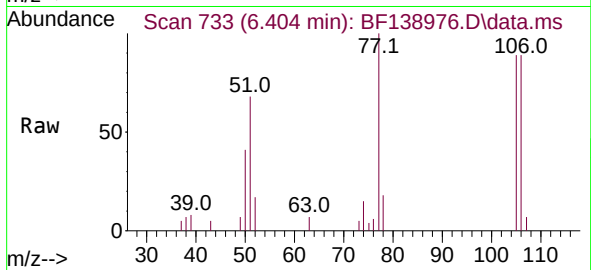
Tgt Ion:128 Resp: 144853
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 51.9 36.3 76.3





#9
Benzaldehyde
Concen: 2.779 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

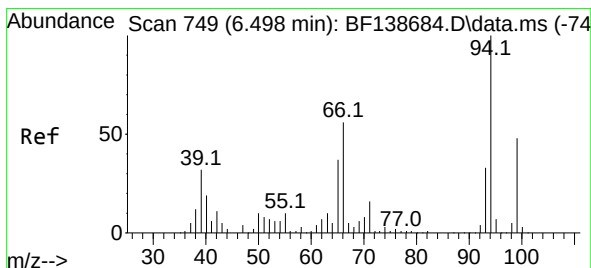
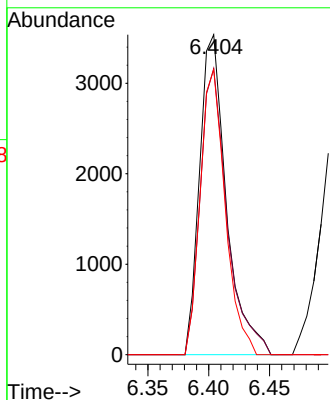
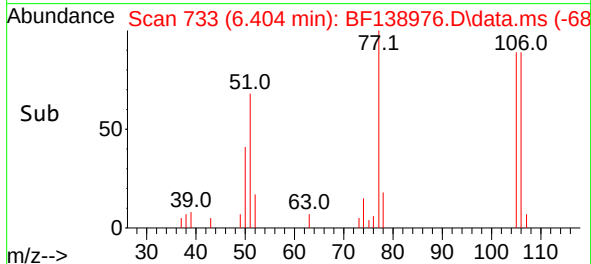
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion: 77 Resp: 5428
Ion Ratio Lower Upper
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105 89.4 72.9 112.9
106 89.1 68.4 108.4

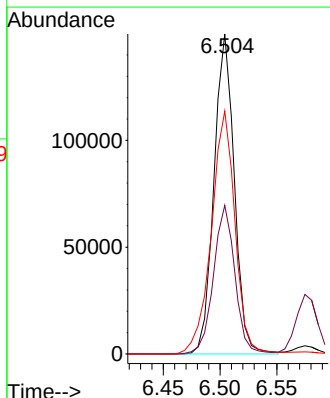
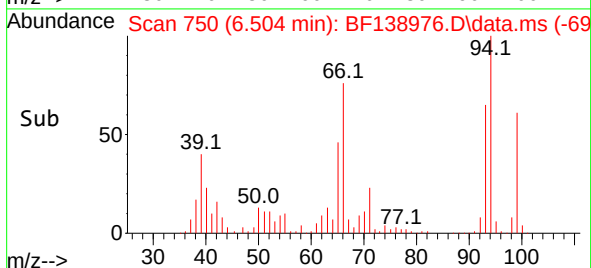
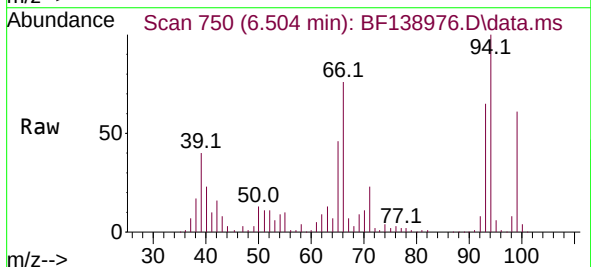
Manual Integrations
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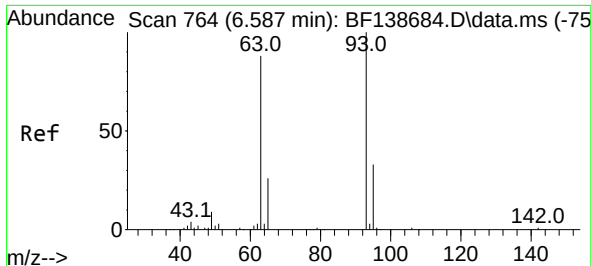
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#10
Phenol
Concen: 54.378 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Tgt Ion: 94 Resp: 186518
Ion Ratio Lower Upper
94 100
65 46.4 16.9 56.9
66 75.9 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 52.174 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS

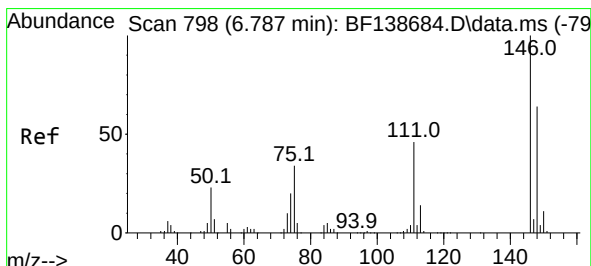
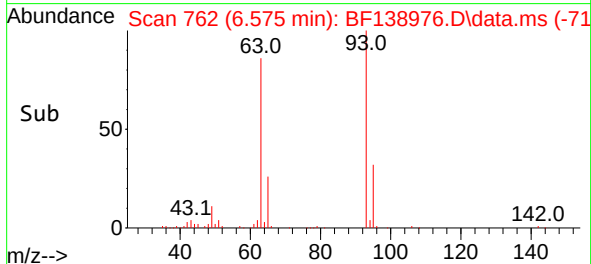
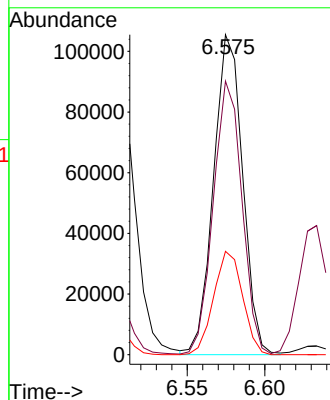
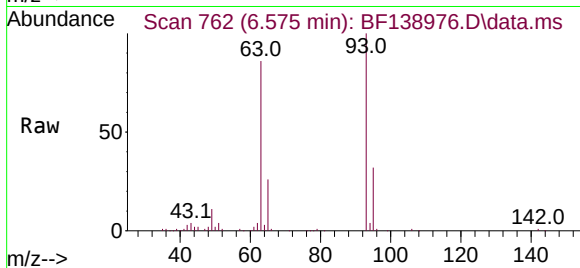
Tgt Ion:	93	Resp:	137714
Ion	Ratio	Lower	Upper
93	100		
63	85.5	65.3	105.3
95	32.3	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#12

1,3-Dichlorobenzene

Concen: 53.161 ng

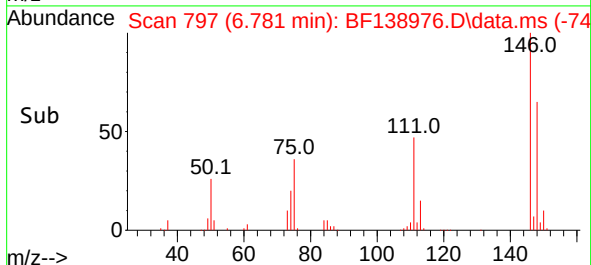
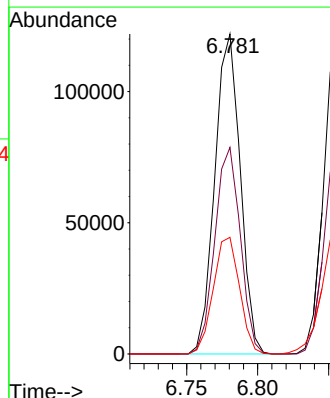
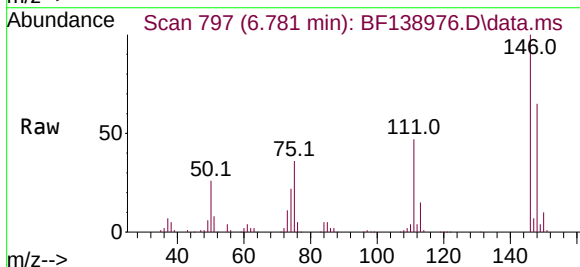
RT: 6.781 min Scan# 797

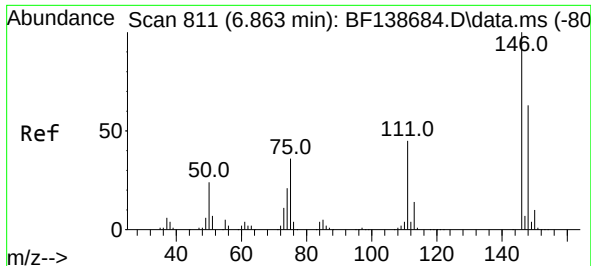
Delta R.T. -0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Tgt Ion:	146	Resp:	151917
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
75	36.5	27.4	41.2





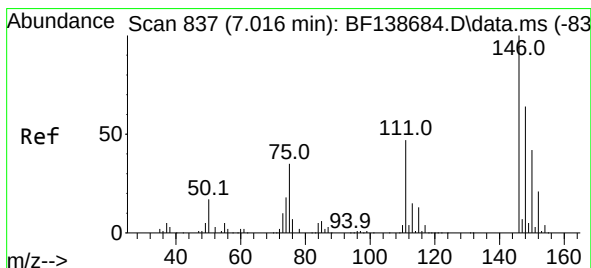
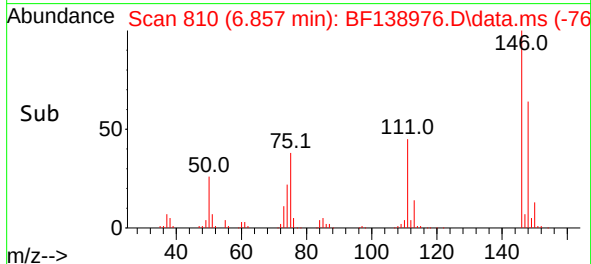
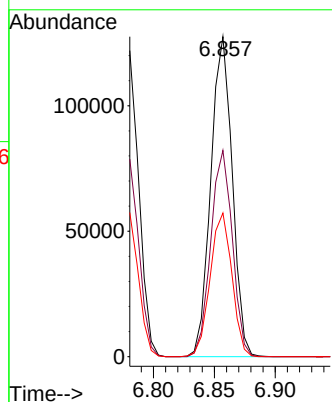
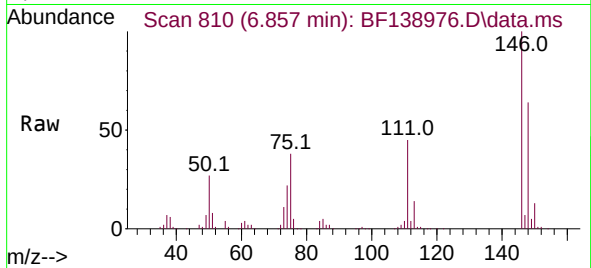
#13
1,4-Dichlorobenzene
Concen: 54.143 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS

Tgt Ion:146 Resp: 15614
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.2
111 44.9 35.9 53.9

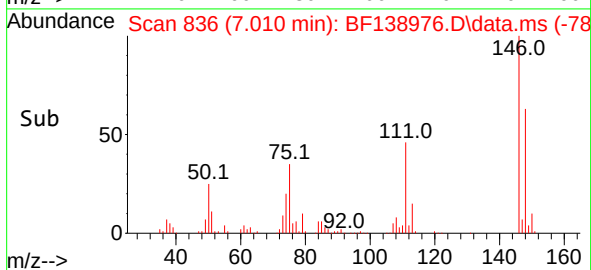
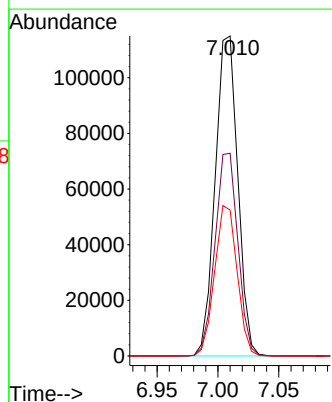
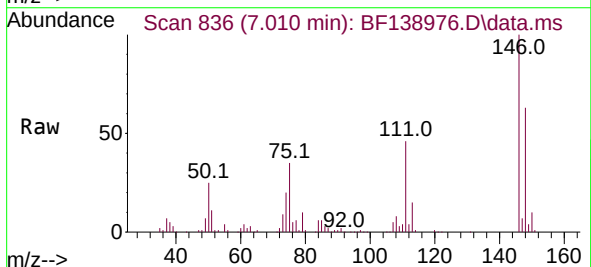
Manual Integrations
APPROVED

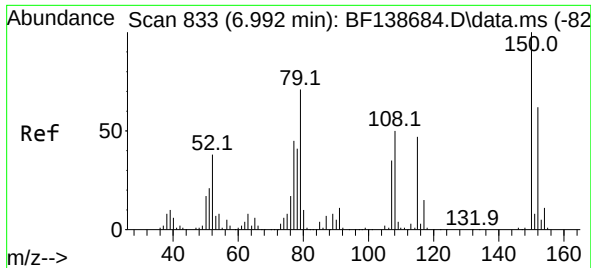
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 55.102 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

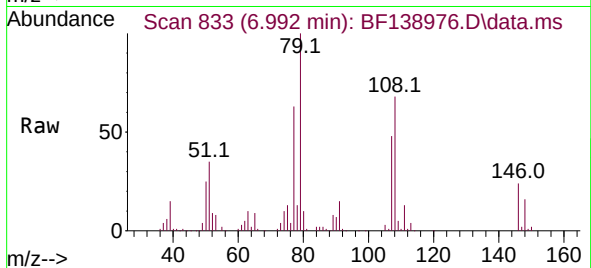
Tgt Ion:146 Resp: 148512
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 45.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 58.881 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

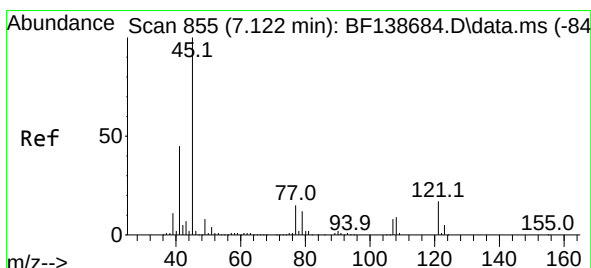
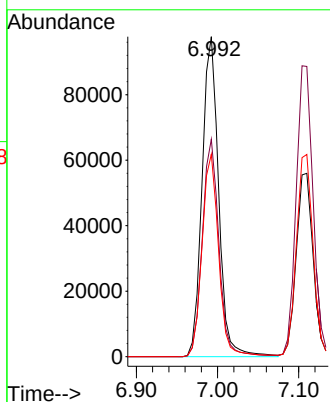
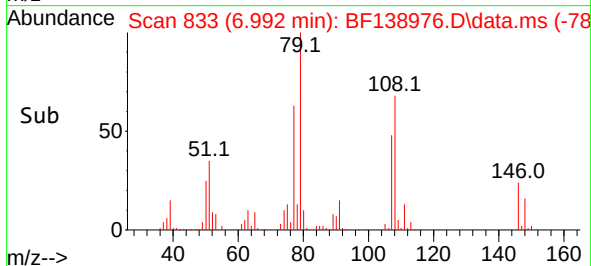
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



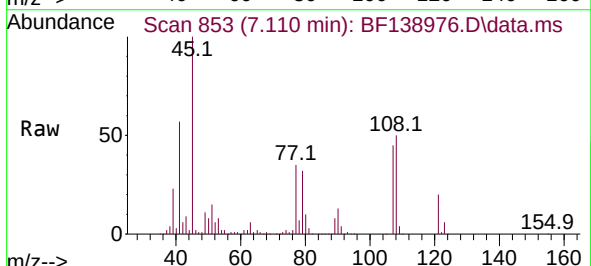
Tgt Ion: 79 Resp: 138254
Ion Ratio Lower Upper
79 100
108 67.9 56.6 85.0
77 63.3 50.3 75.5

Manual Integrations
APPROVED

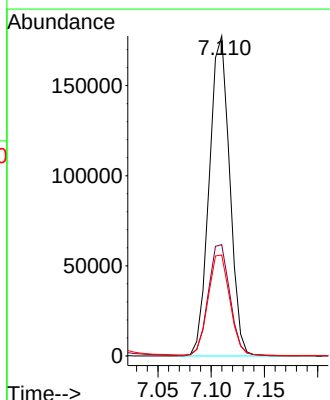
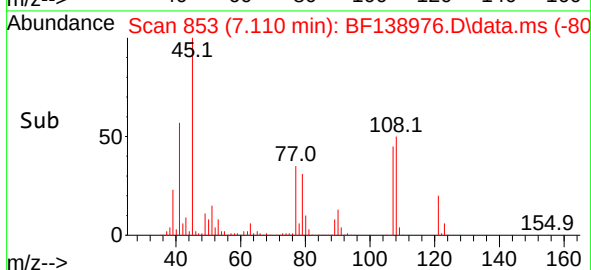
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

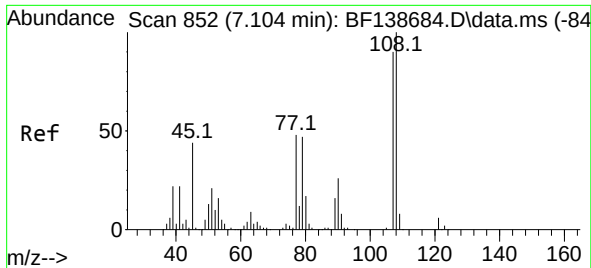


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.202 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



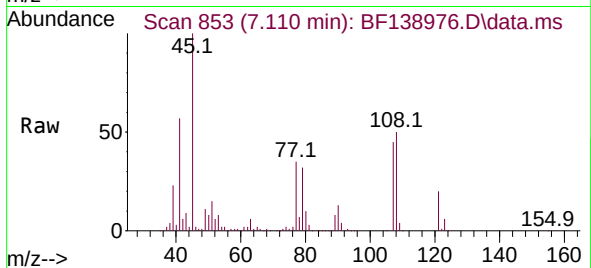
Tgt Ion: 45 Resp: 237127
Ion Ratio Lower Upper
45 100
77 34.8 0.0 34.9
79 31.5 0.0 32.2





#17
2-Methylphenol
Concen: 55.220 ng
RT: 7.110 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

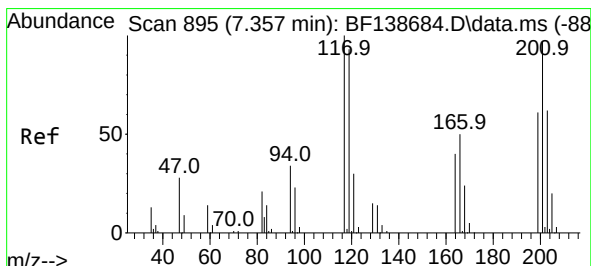
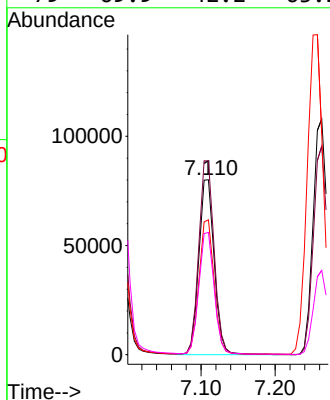
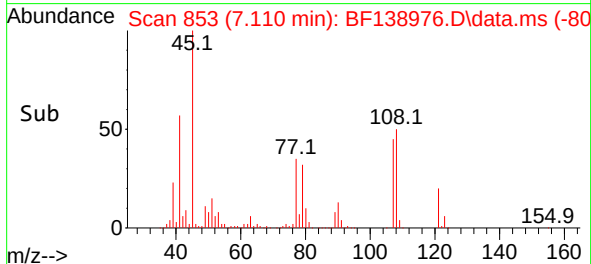
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion:107 Resp: 116400
Ion Ratio Lower Upper
107 100
108 110.6 89.2 133.8
77 77.1 43.0 64.4
79 69.9 42.2 63.2

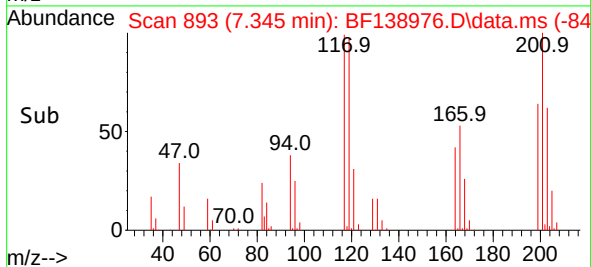
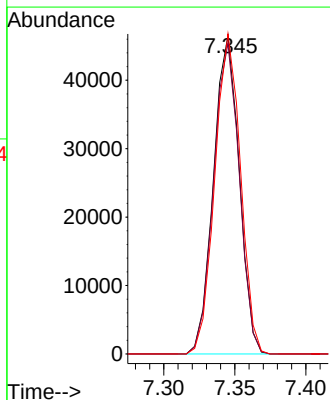
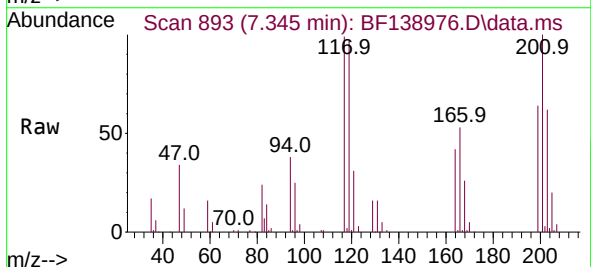
Manual Integrations
APPROVED

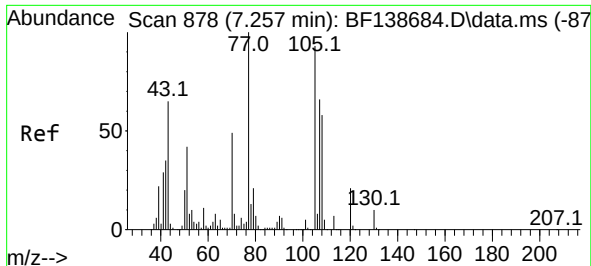
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 53.890 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Tgt Ion:117 Resp: 58501
Ion Ratio Lower Upper
117 100
119 97.7 74.6 111.8
201 100.6 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 58.361 ng

RT: 7.257 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF138976.D

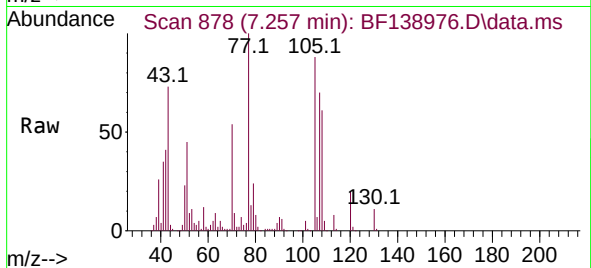
Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS



Tgt Ion: 70 Resp: 11483

Ion Ratio Lower Upper

70 100

42 75.7 57.4 86.0

101 9.9 7.5 11.3

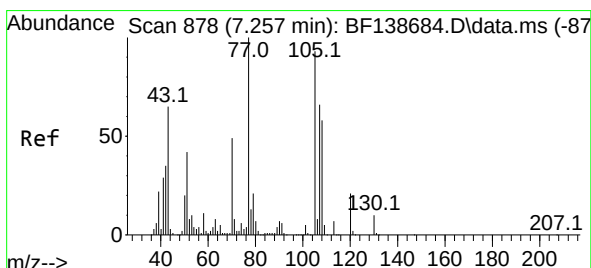
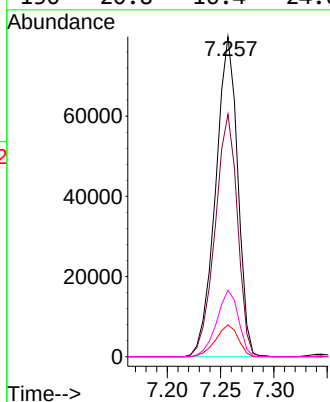
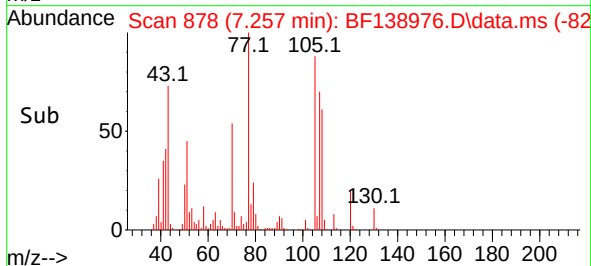
130 20.8 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#20

3+4-Methylphenols

Concen: 57.022 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Tgt Ion:107 Resp: 154229

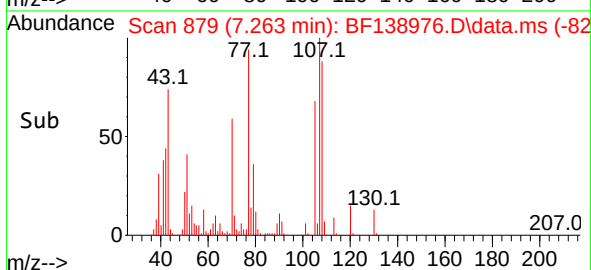
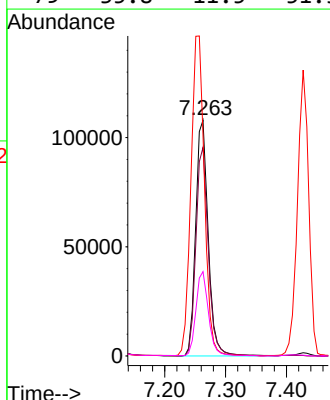
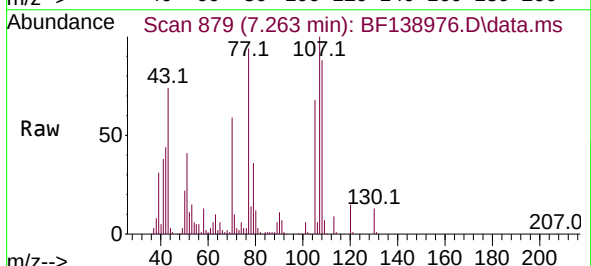
Ion Ratio Lower Upper

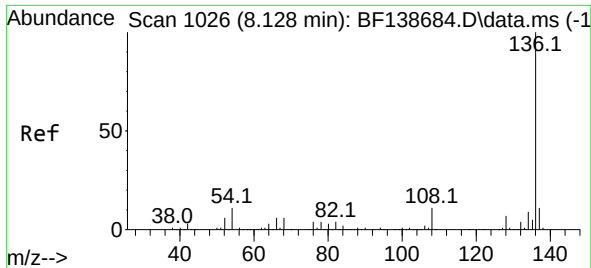
107 100

108 88.5 68.2 108.2

77 93.8 132.1 172.1#

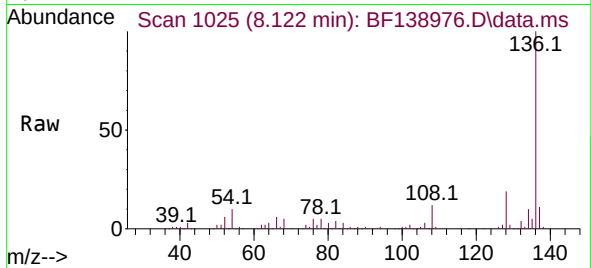
79 35.8 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

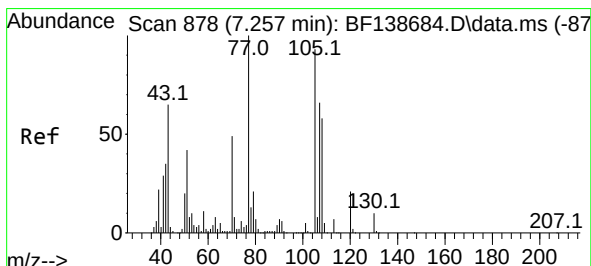
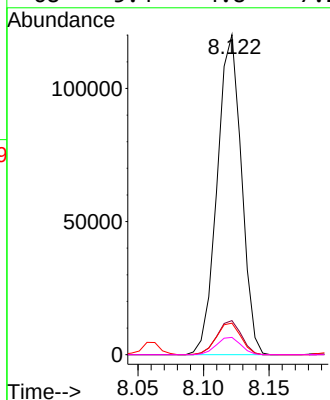
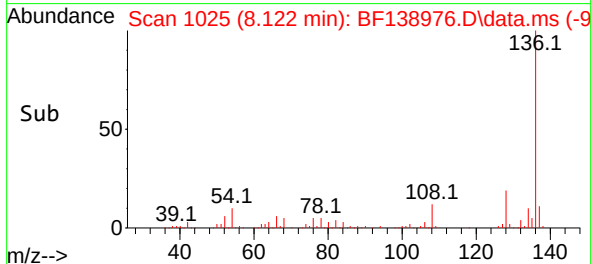
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



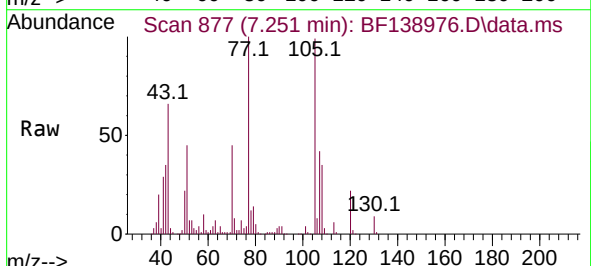
Tgt Ion:136 Resp: 154480
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.8 8.6 12.8
68 5.4 4.8 7.2

Manual Integrations
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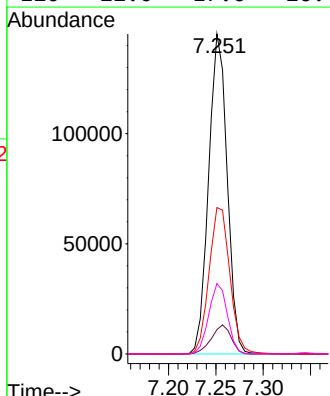
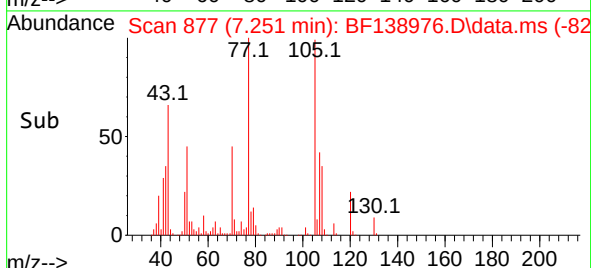
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

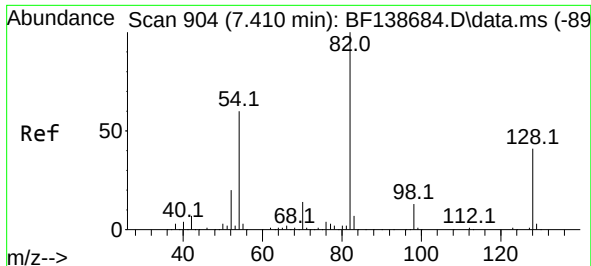


#22
Acetophenone
Concen: 52.398 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



Tgt Ion:105 Resp: 198198
Ion Ratio Lower Upper
105 100
71 7.6 7.2 10.8
51 45.7 35.9 53.9
120 22.0 17.6 26.4





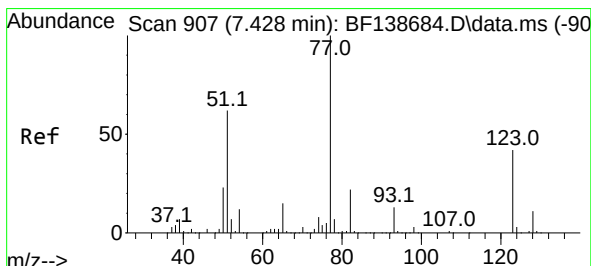
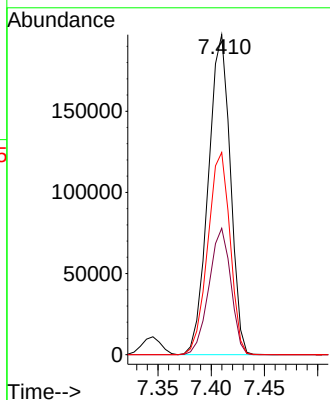
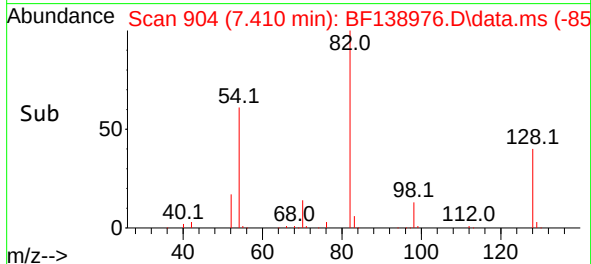
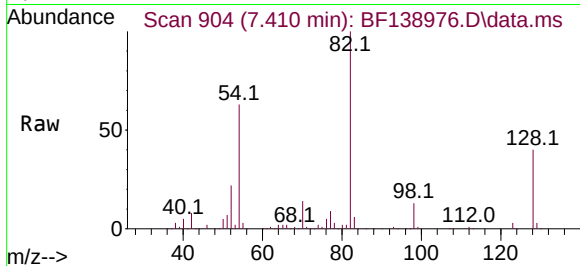
#23
Nitrobenzene-d5
Concen: 89.933 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS

Tgt Ion: 82 Resp: 284169
Ion Ratio Lower Upper
82 100
128 39.5 32.8 49.2
54 63.2 48.3 72.5

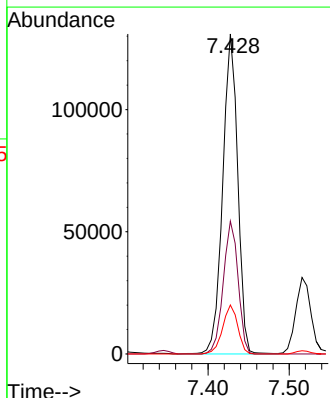
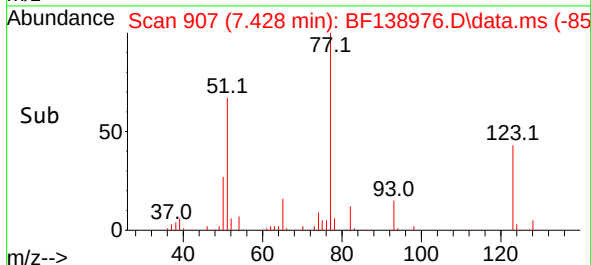
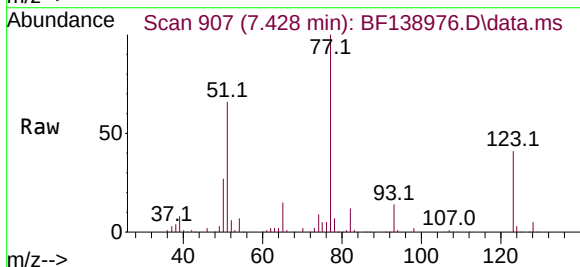
Manual Integrations
APPROVED

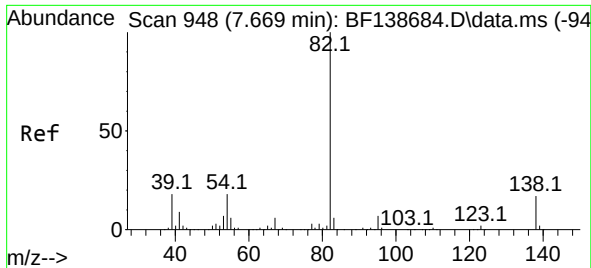
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#24
Nitrobenzene
Concen: 52.557 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

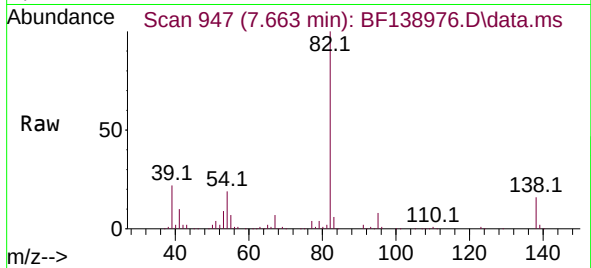
Tgt Ion: 77 Resp: 168987
Ion Ratio Lower Upper
77 100
123 41.5 33.3 49.9
65 15.3 11.9 17.9





#25
Isophorone
Concen: 54.706 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

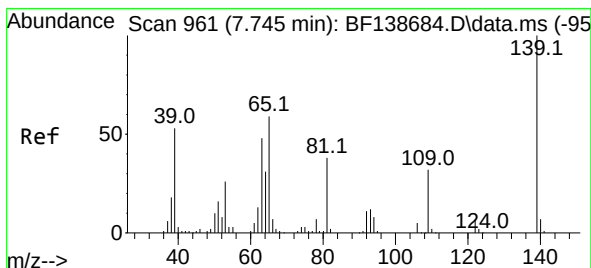
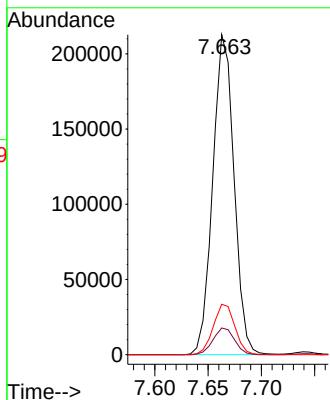
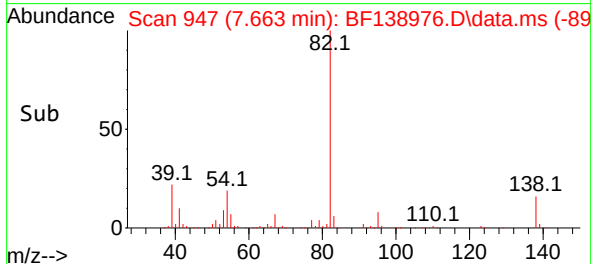
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion: 82 Resp: 295160
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 15.8 13.7 20.5

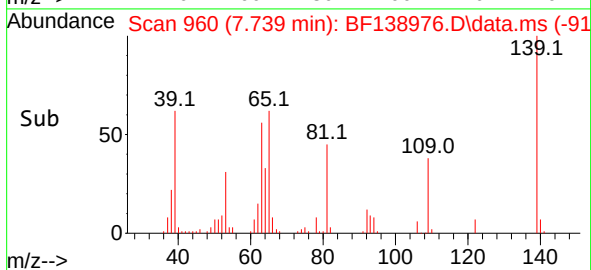
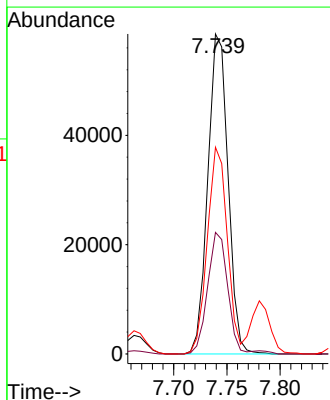
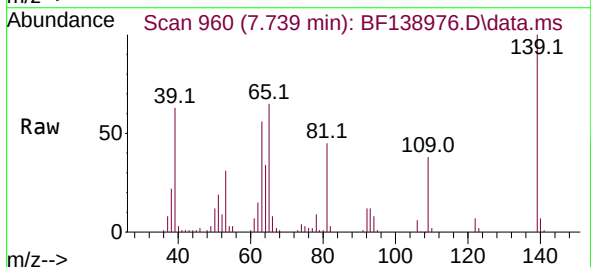
Manual Integrations
APPROVED

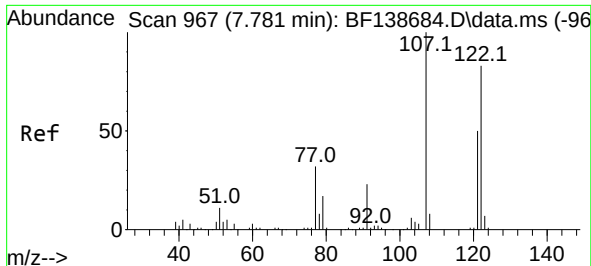
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#26
2-Nitrophenol
Concen: 55.801 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

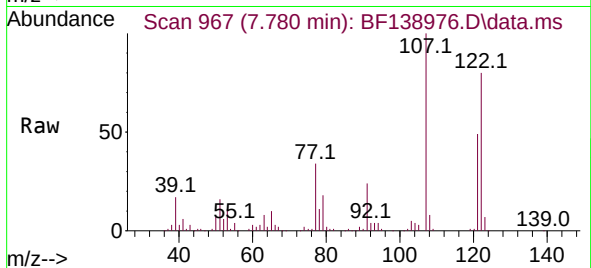
Tgt Ion:139 Resp: 77191
Ion Ratio Lower Upper
139 100
109 38.0 25.9 38.9
65 64.6 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 57.847 ng
RT: 7.780 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

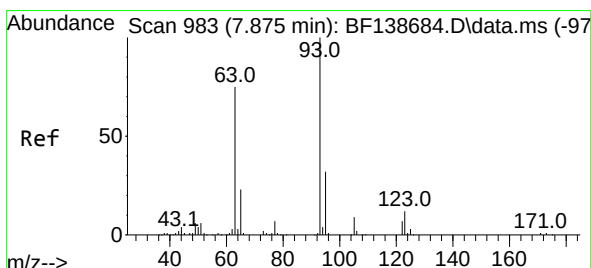
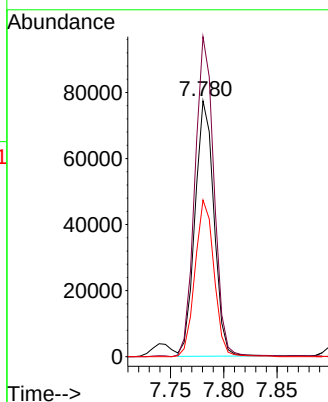
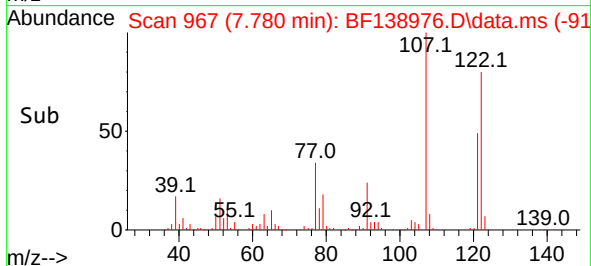
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion:122 Resp: 9574
Ion Ratio Lower Upper
122 100
107 125.1 95.0 142.6
121 61.2 47.3 70.9

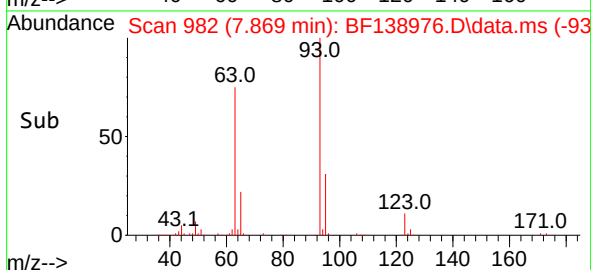
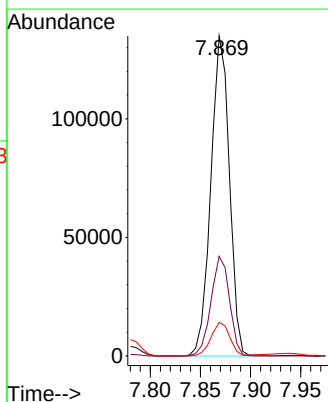
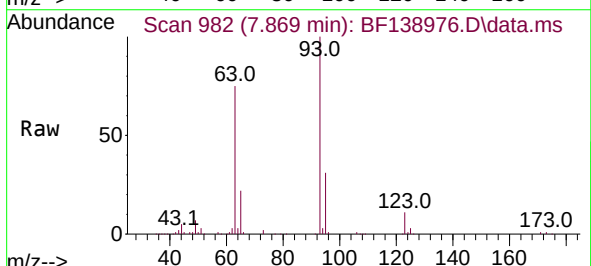
Manual Integrations
APPROVED

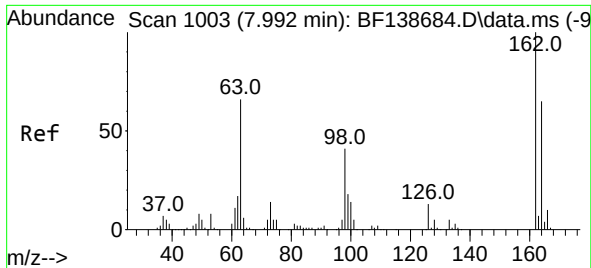
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 52.927 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Tgt Ion: 93 Resp: 173902
Ion Ratio Lower Upper
93 100
95 31.1 25.8 38.8
123 10.5 9.4 14.0





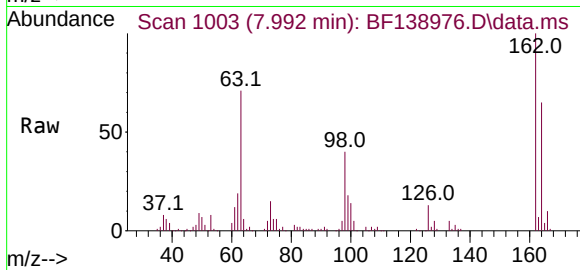
#29
2,4-Dichlorophenol
Concen: 55.589 ng
RT: 7.992 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS



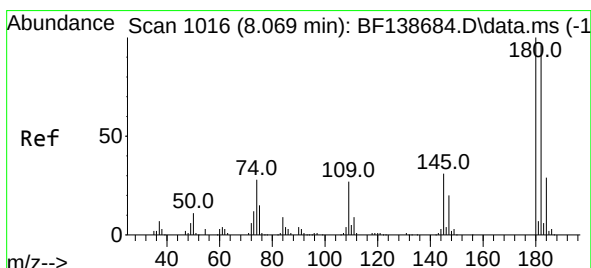
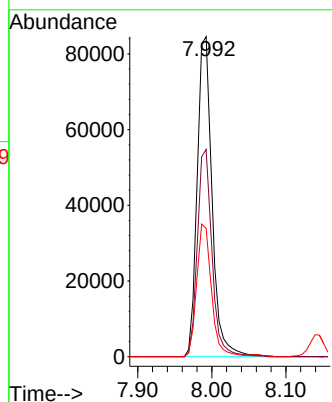
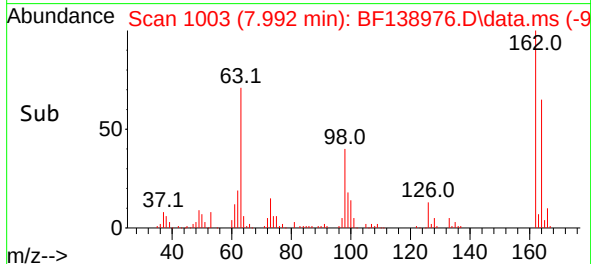
Tgt Ion:162 Resp: 118227
Ion Ratio Lower Upper
162 100
164 64.7 44.7 84.7
98 40.1 20.8 60.8

Manual Integrations

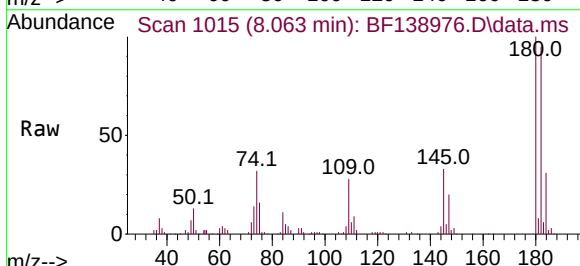
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

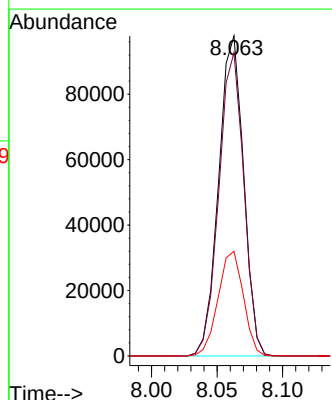
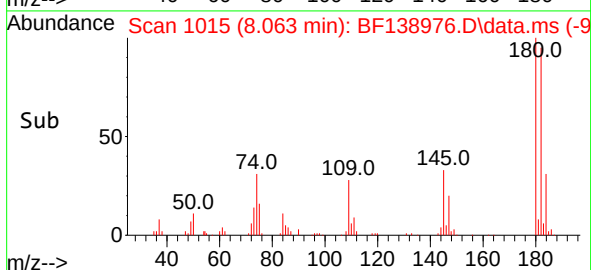
Supervised By :mohammad ahmed 08/14/2024

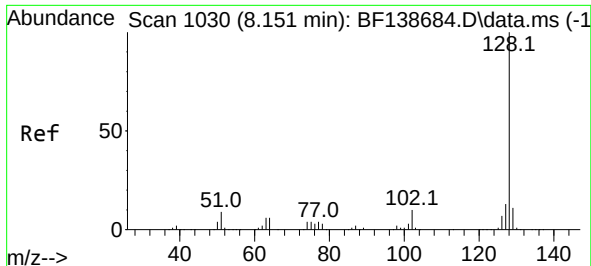


#30
1,2,4-Trichlorobenzene
Concen: 52.627 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



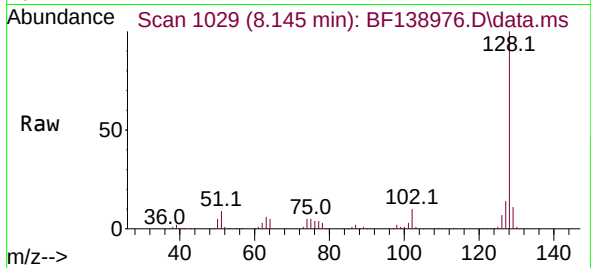
Tgt Ion:180 Resp: 129166
Ion Ratio Lower Upper
180 100
182 94.8 76.9 115.3
145 32.7 25.0 37.4





#31
Naphthalene
Concen: 52.712 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

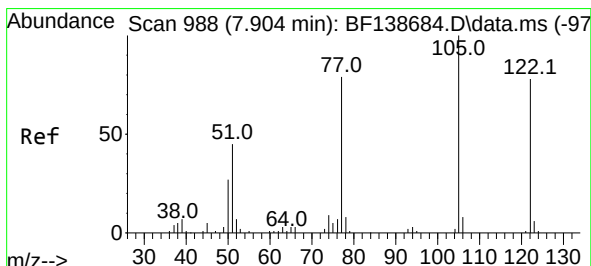
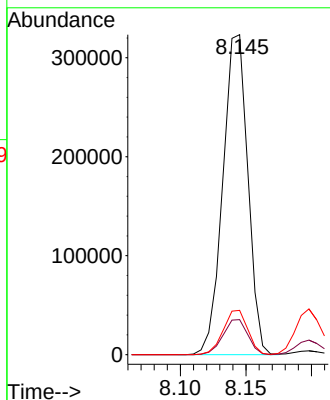
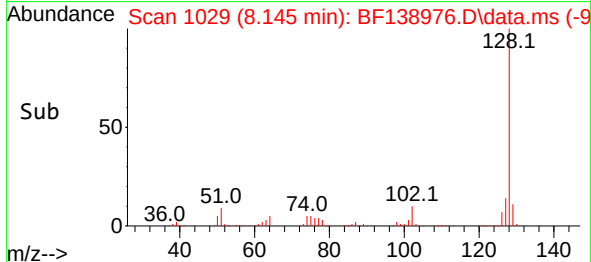
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



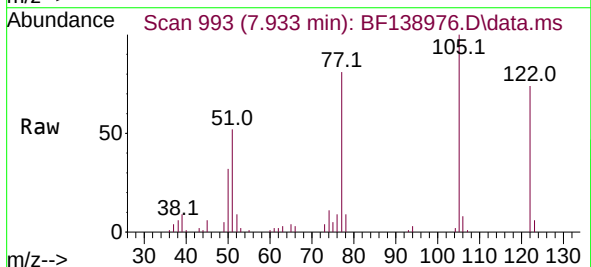
Tgt Ion:128 Resp: 428639
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.8 10.6 16.0

Manual Integrations
APPROVED

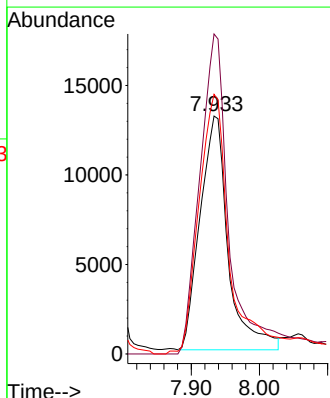
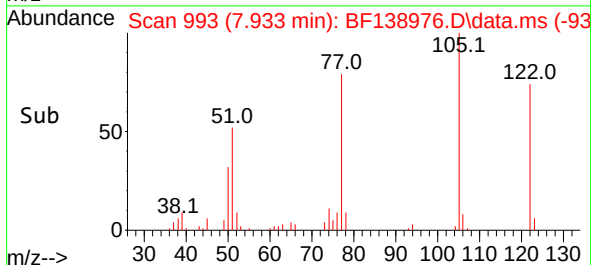
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

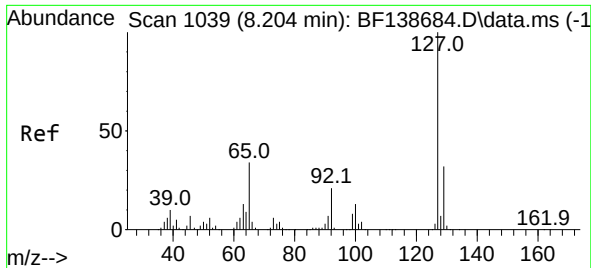


#32
Benzoic acid
Concen: 28.850 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.029 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



Tgt Ion:122 Resp: 37535
Ion Ratio Lower Upper
122 100
105 134.5 106.7 146.7
77 109.1 81.1 121.1





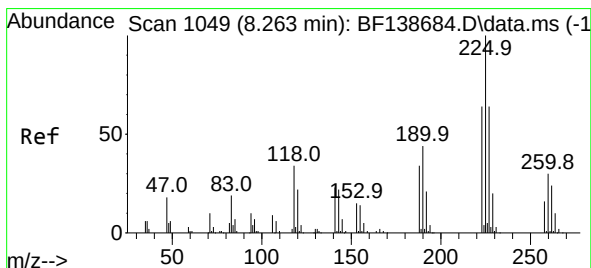
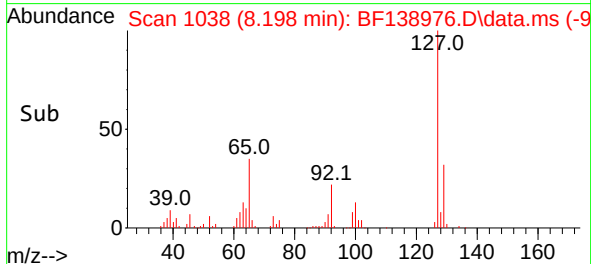
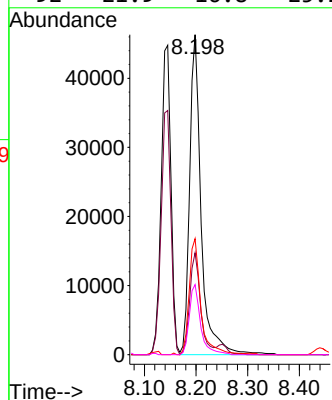
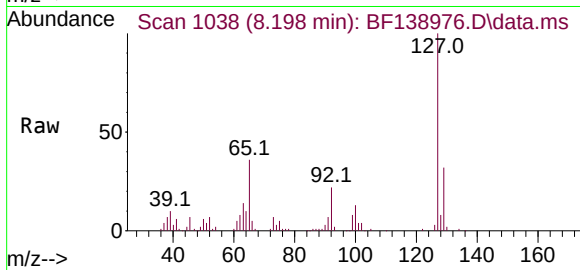
#33
4-Chloroaniline
Concen: 26.388 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS

Tgt Ion:	127	Resp:	72030
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.9	38.9
65	36.3	27.6	41.4
92	21.9	16.8	25.2

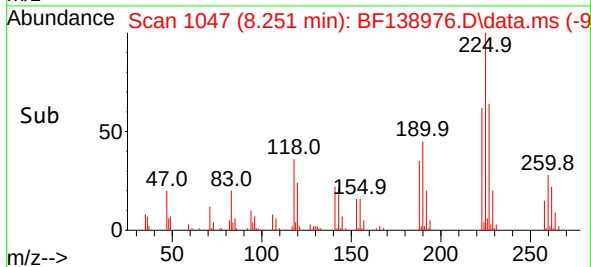
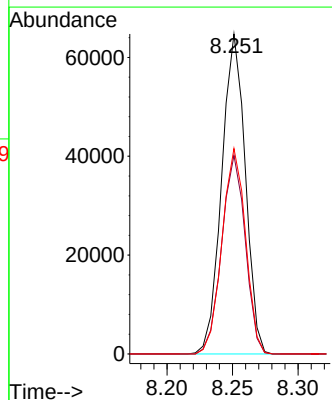
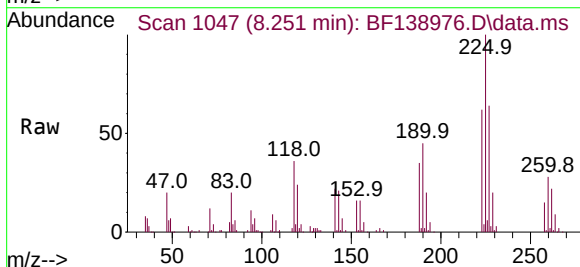
Manual Integrations
APPROVED

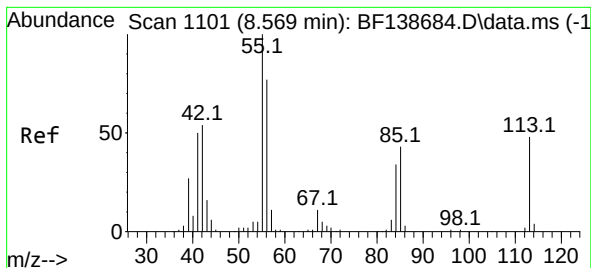
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 54.482 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Tgt Ion:	225	Resp:	80993
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.2	76.8
227	64.2	51.1	76.7





#35

Caprolactam

Concen: 53.422 ng m

RT: 8.580 min Scan# 1101

Delta R.T. 0.012 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS

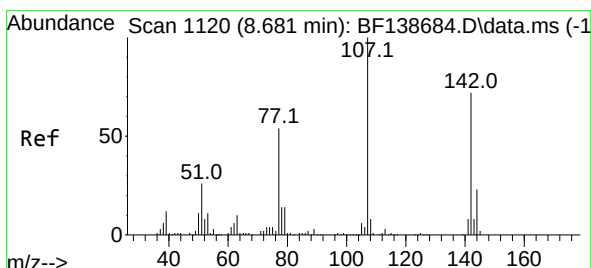
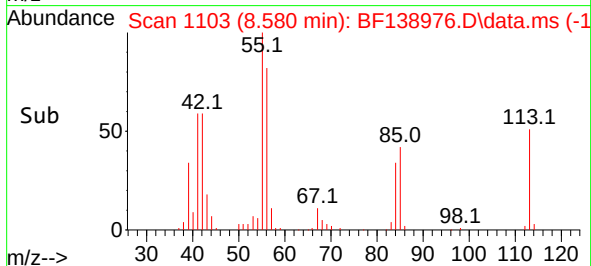
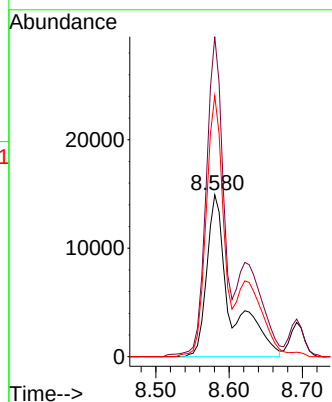
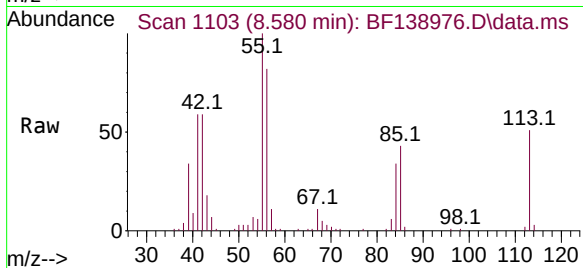
Tgt Ion:	113	Resp:	3390
Ion Ratio	Lower	Upper	
113	100		
55	197.5	186.7	226.7
56	161.1	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#36

4-Chloro-3-methylphenol

Concen: 55.578 ng

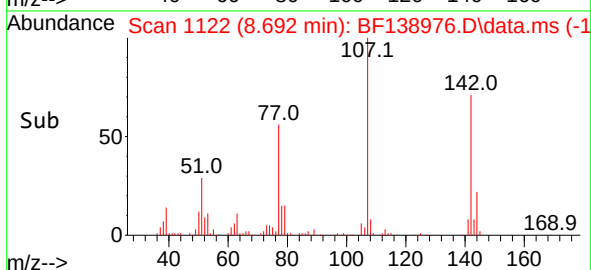
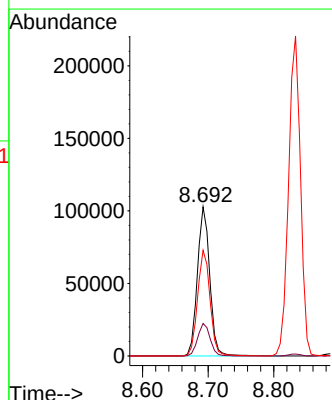
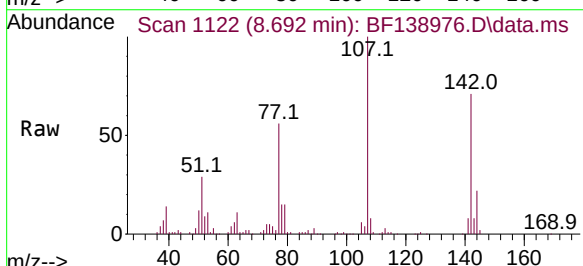
RT: 8.692 min Scan# 1122

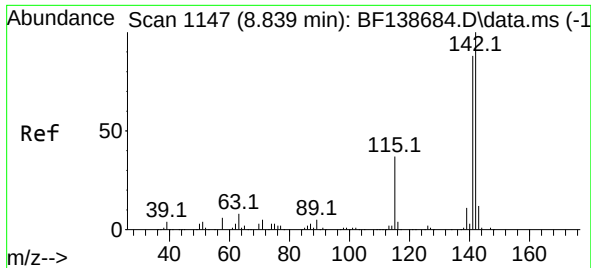
Delta R.T. 0.012 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

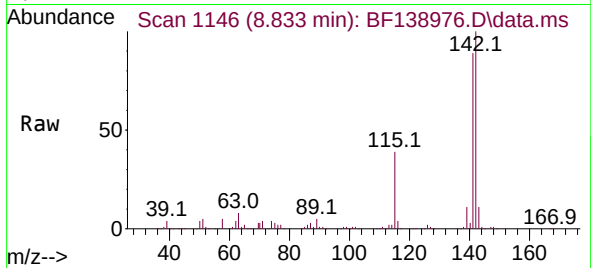
Tgt Ion:	107	Resp:	135089
Ion Ratio	Lower	Upper	
107	100		
144	21.8	18.2	27.2
142	70.8	57.4	86.2





#37
2-Methylnaphthalene
Concen: 54.338 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

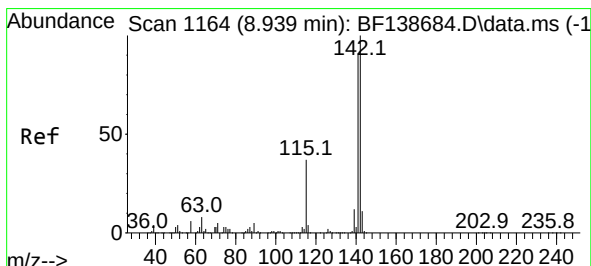
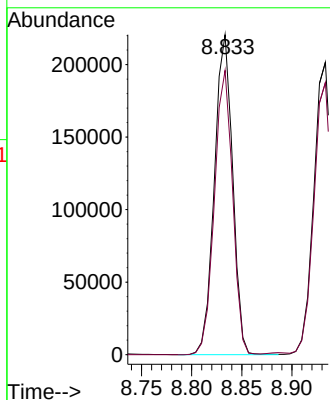
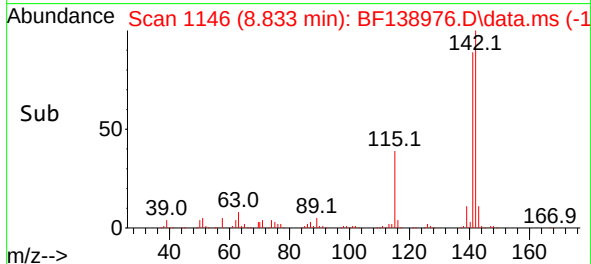
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion:142 Resp: 279056
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2

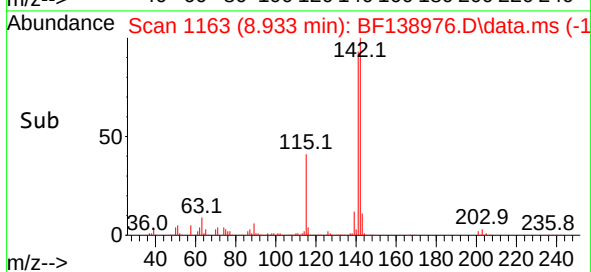
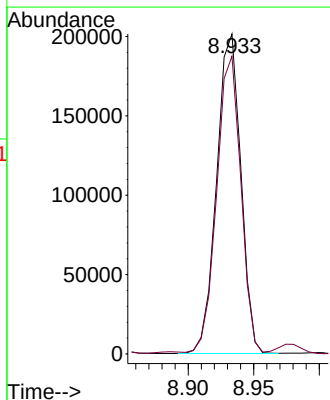
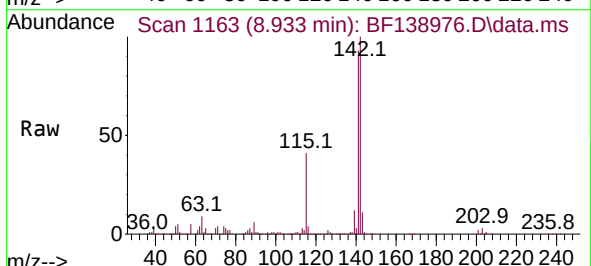
Manual Integrations
APPROVED

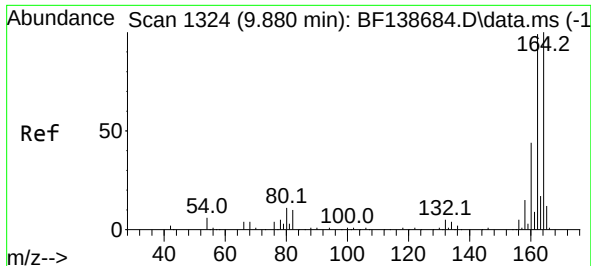
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#38
1-Methylnaphthalene
Concen: 51.281 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Tgt Ion:142 Resp: 258068
Ion Ratio Lower Upper
142 100
141 93.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF138976.D

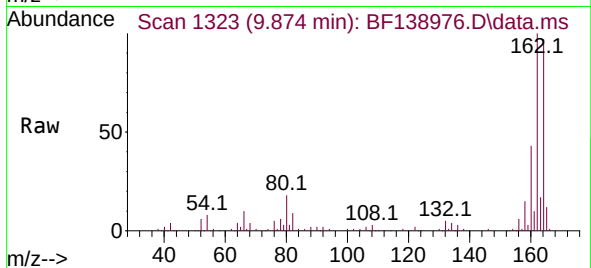
Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS



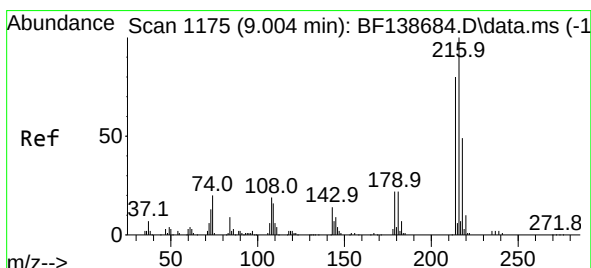
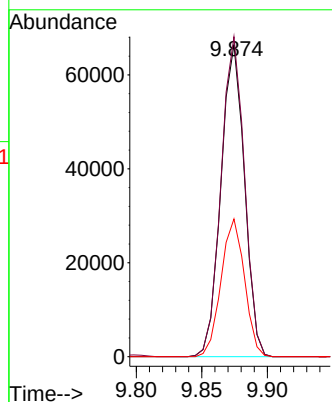
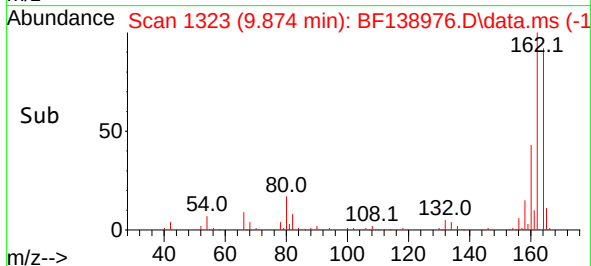
Tgt Ion:164	Resp:	8253	
Ion Ratio	Lower	Upper	
164	100		
162	102.6	79.4	119.0
160	44.2	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.859 ng

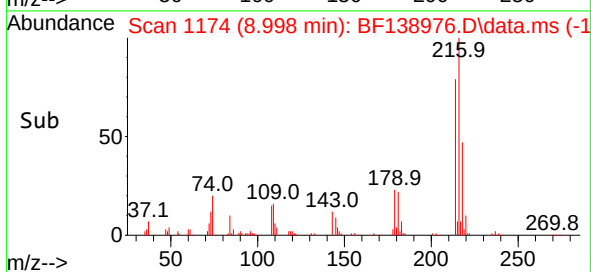
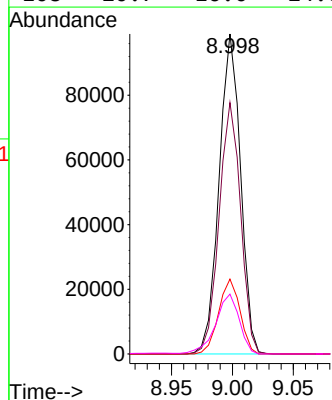
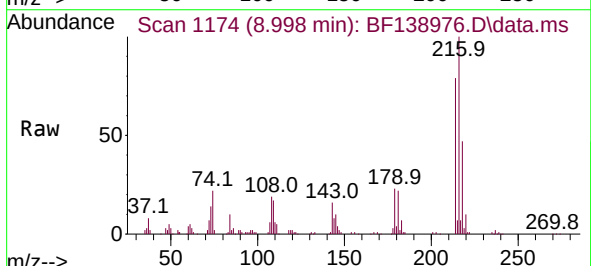
RT: 8.998 min Scan# 1174

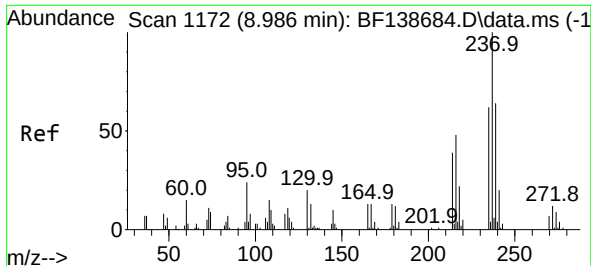
Delta R.T. -0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

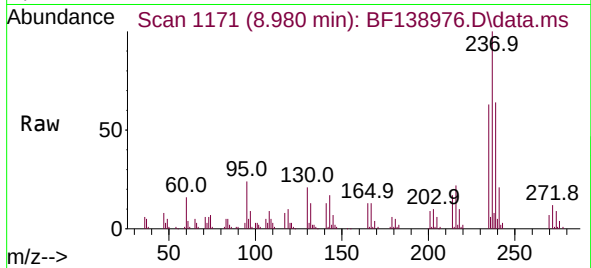
Tgt Ion:216	Resp:	121186	
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.9	95.9
179	23.4	17.8	26.6
108	20.7	16.0	24.0





#41
Hexachlorocyclopentadiene
Concen: 96.094 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

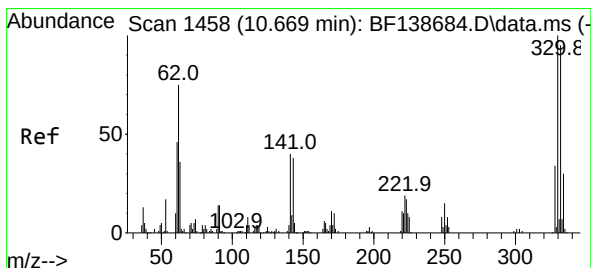
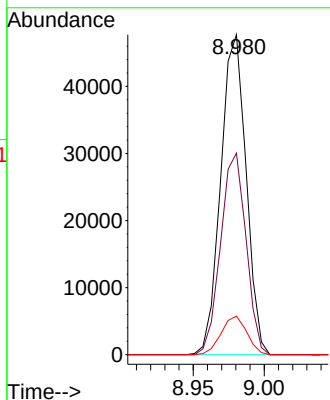
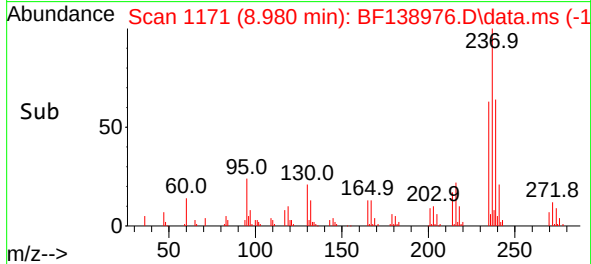
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



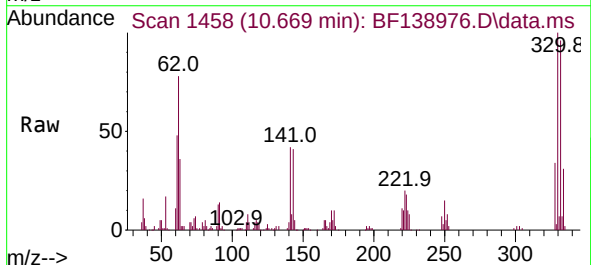
Tgt Ion:237 Resp: 59244
Ion Ratio Lower Upper
237 100
235 63.0 41.8 81.8
272 12.0 0.0 32.2

Manual Integrations
APPROVED

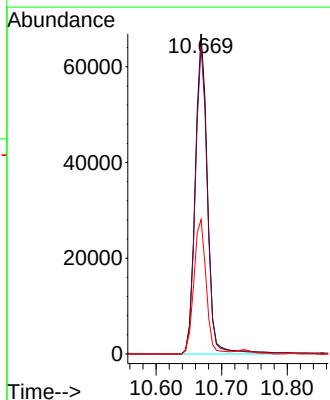
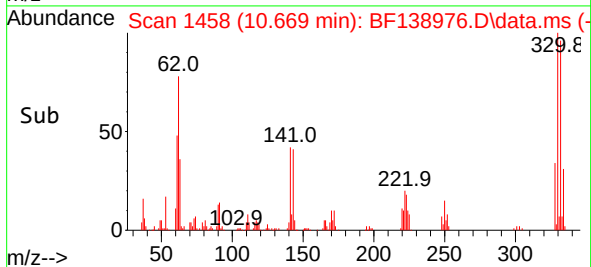
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

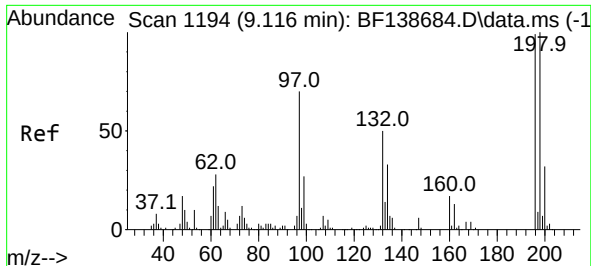


#42
2,4,6-Tribromophenol
Concen: 128.535 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



Tgt Ion:330 Resp: 86896
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 42.0 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 53.994 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138976.D

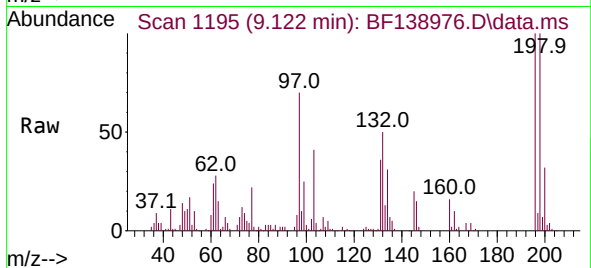
Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS



Tgt Ion:196 Resp: 75470

Ion Ratio Lower Upper

196 100

198 100.2 80.5 120.7

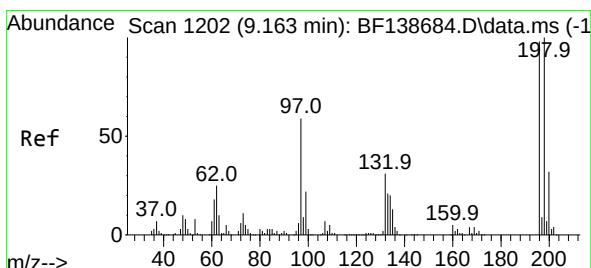
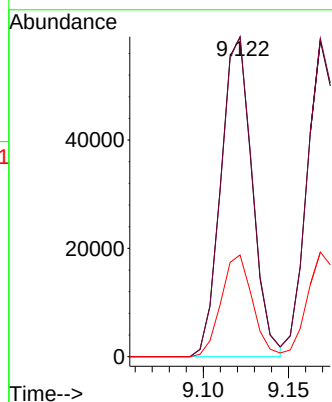
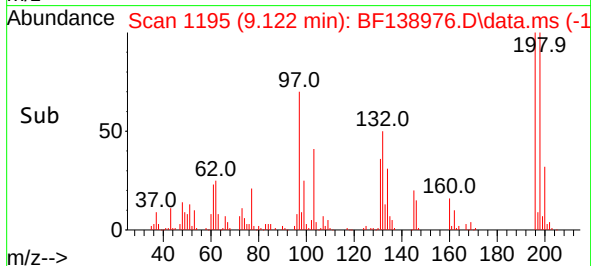
200 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#44

2,4,5-Trichlorophenol

Concen: 51.554 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Tgt Ion:196 Resp: 78782

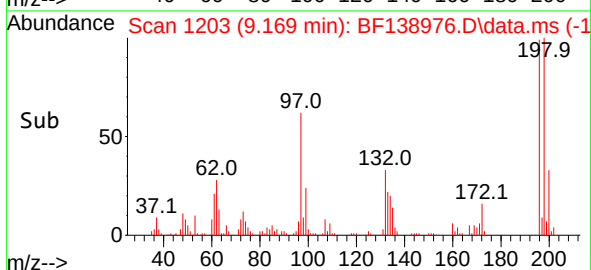
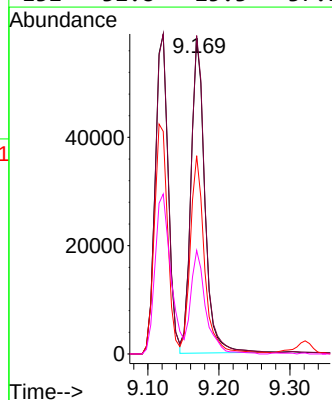
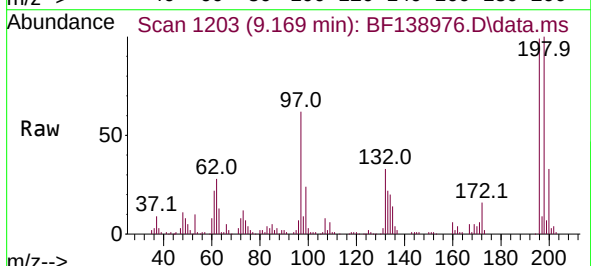
Ion Ratio Lower Upper

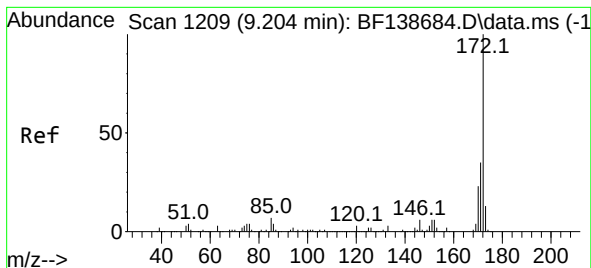
196 100

198 100.8 81.2 121.8

97 62.8 47.8 71.6

132 32.8 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 88.368 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS

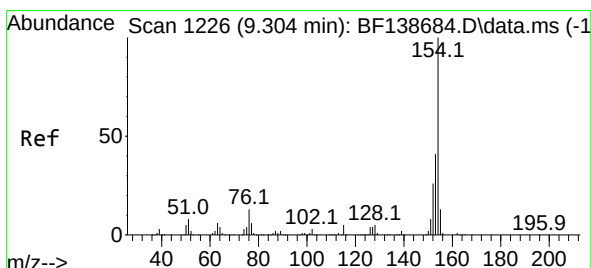
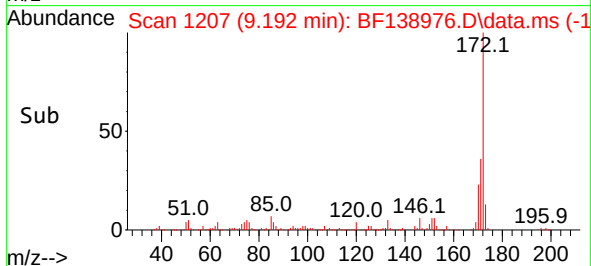
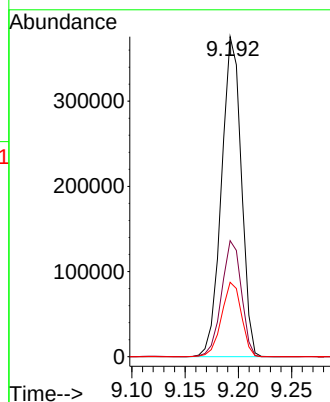
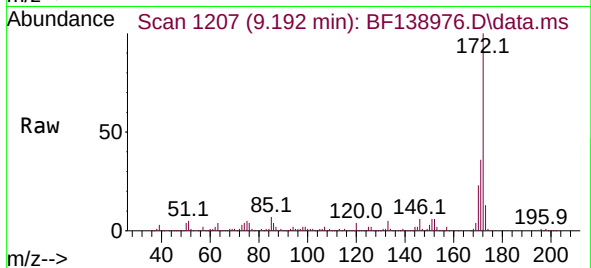
Tgt Ion:	172	Resp:	48540
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.3	42.5
170	23.2	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#46

1,1'-Biphenyl

Concen: 50.974 ng

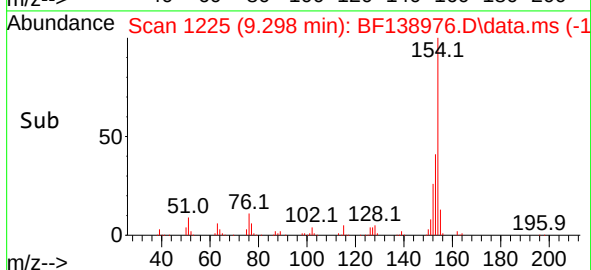
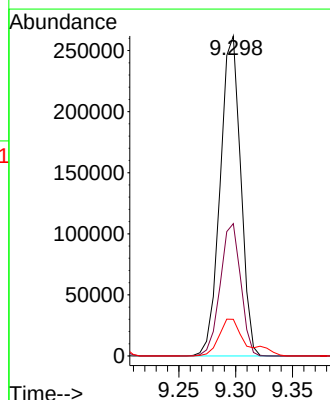
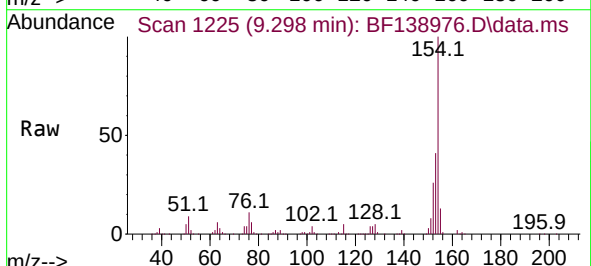
RT: 9.298 min Scan# 1225

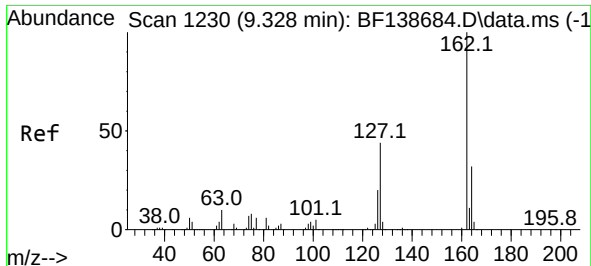
Delta R.T. -0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Tgt Ion:	154	Resp:	329487
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.8	60.8
76	11.4	0.0	32.8





#47

2-Chloronaphthalene

Concen: 54.298 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS

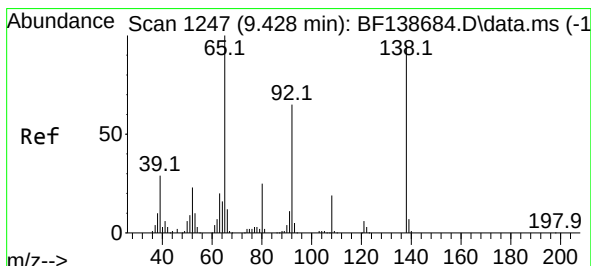
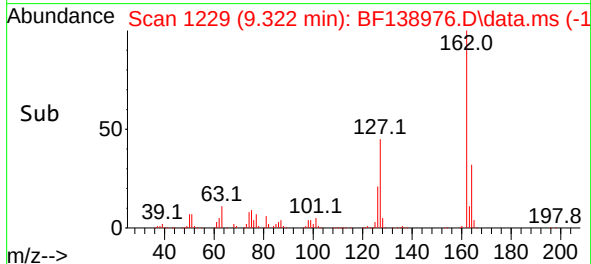
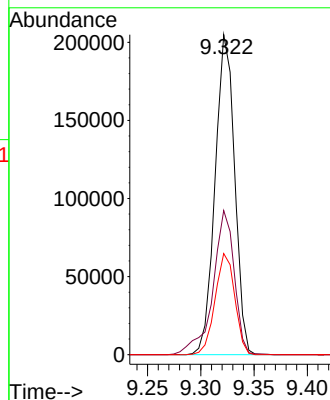
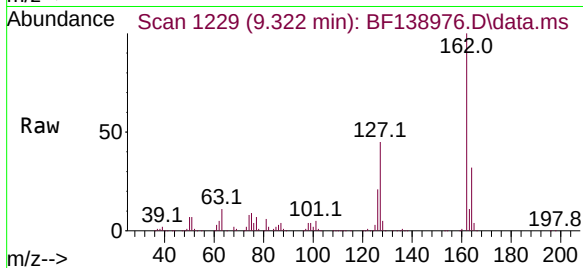
Tgt Ion:162 Resp: 261020
 Ion Ratio Lower Upper
 162 100
 127 45.0 35.4 53.2
 164 31.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#48

2-Nitroaniline

Concen: 57.129 ng

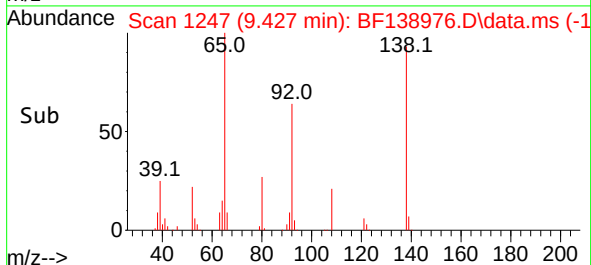
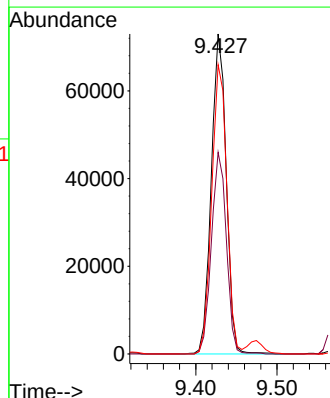
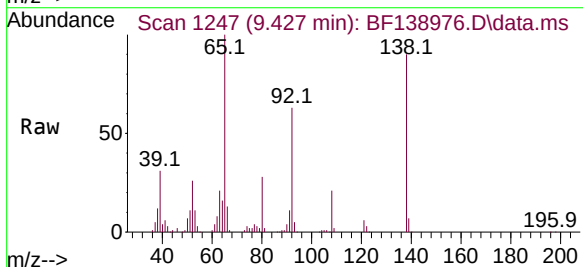
RT: 9.427 min Scan# 1247

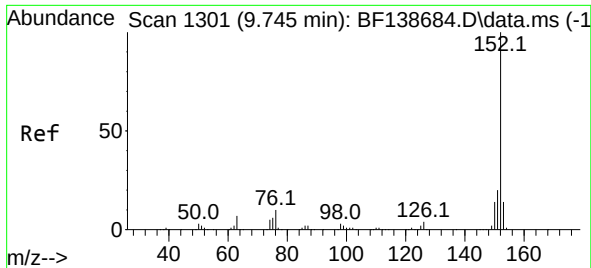
Delta R.T. -0.000 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

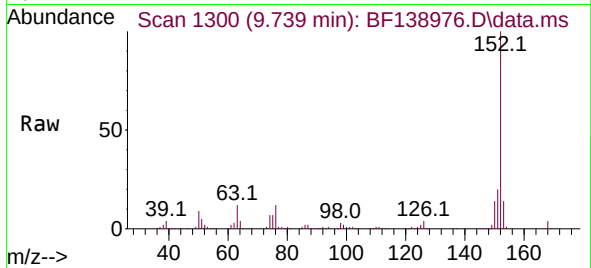
Tgt Ion: 65 Resp: 93106
 Ion Ratio Lower Upper
 65 100
 92 63.0 52.0 78.0
 138 90.4 76.2 114.4





#49
Acenaphthylene
Concen: 58.654 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

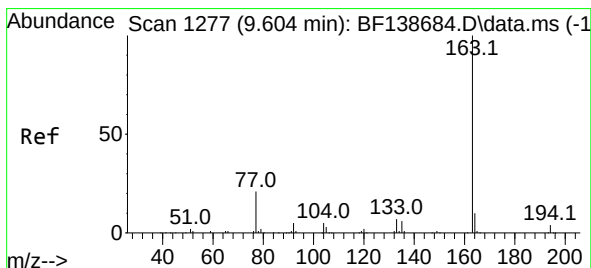
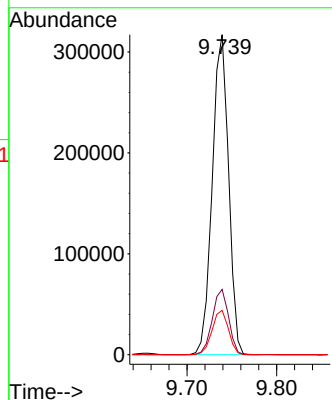
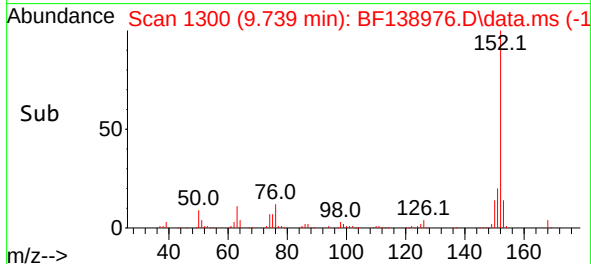
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



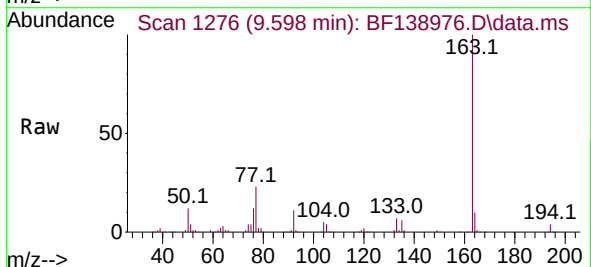
Tgt Ion:152 Resp: 399915
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.9 11.0 16.4

Manual Integrations
APPROVED

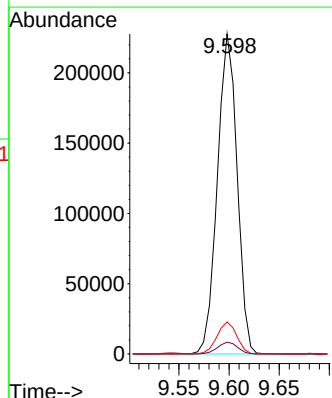
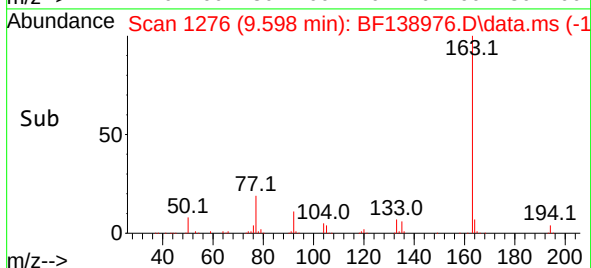
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

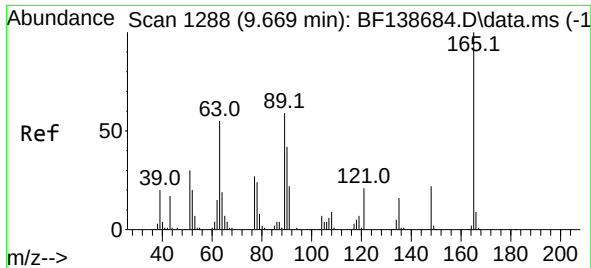


#50
Dimethylphthalate
Concen: 58.953 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



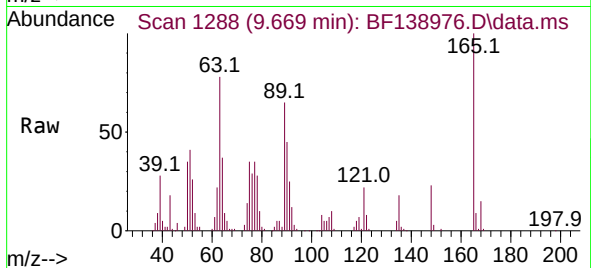
Tgt Ion:163 Resp: 311108
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 54.384 ng
RT: 9.669 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

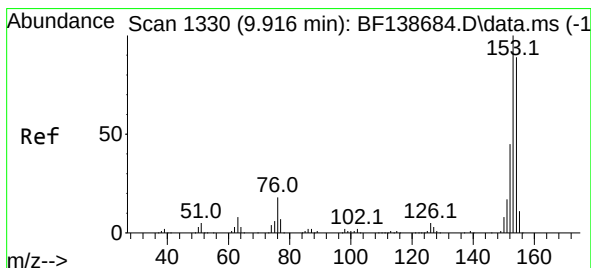
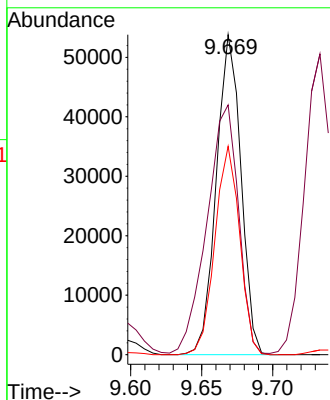
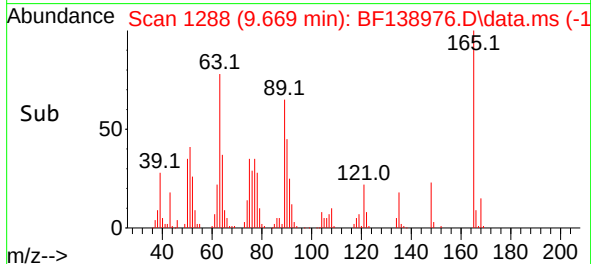
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



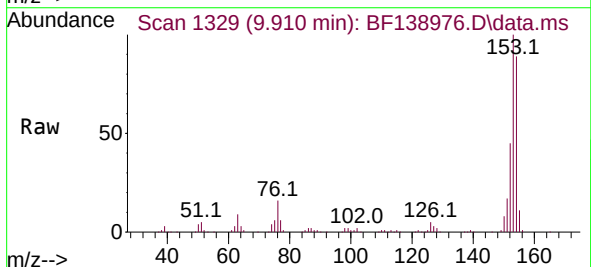
Tgt Ion:165 Resp: 64769
Ion Ratio Lower Upper
165 100
63 78.0 52.0 78.0
89 65.1 47.0 70.6

Manual Integrations
APPROVED

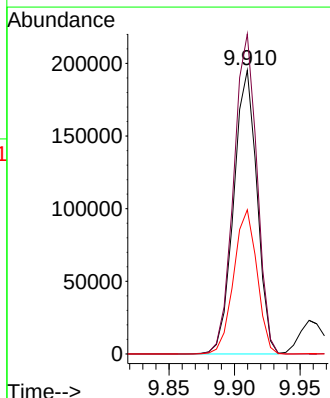
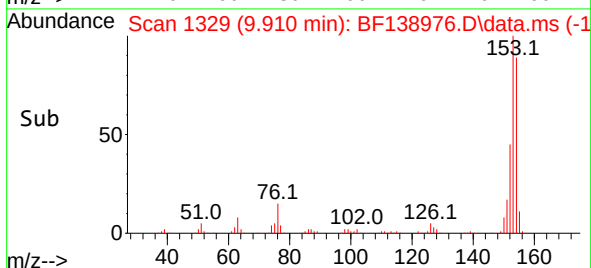
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

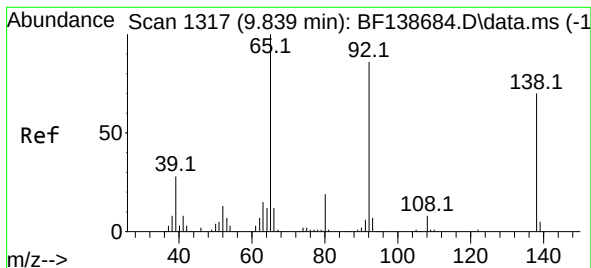


#52
Acenaphthene
Concen: 52.807 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



Tgt Ion:154 Resp: 242032
Ion Ratio Lower Upper
154 100
153 112.8 89.9 134.9
152 50.8 40.6 60.8





#53

3-Nitroaniline

Concen: 37.149 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS

Tgt Ion:138 Resp: 45738

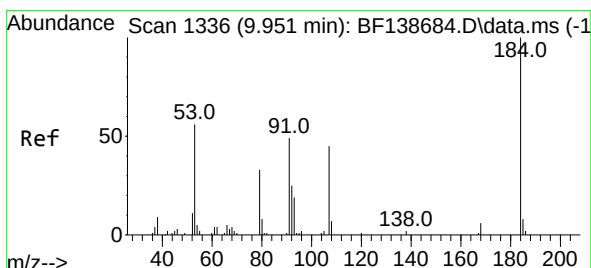
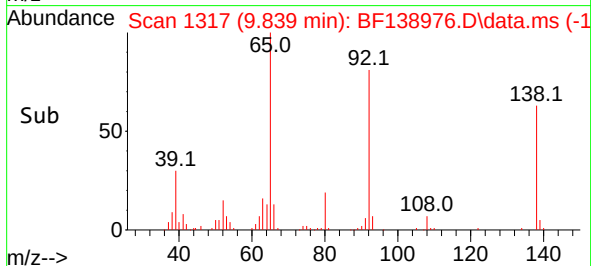
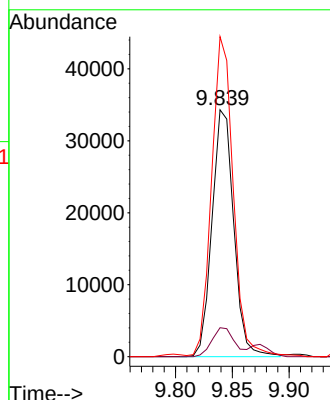
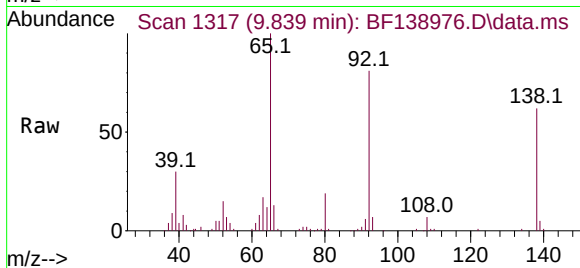
Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.1	13.7
92	129.6	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#54

2,4-Dinitrophenol

Concen: 83.795 ng

RT: 9.957 min Scan# 1337

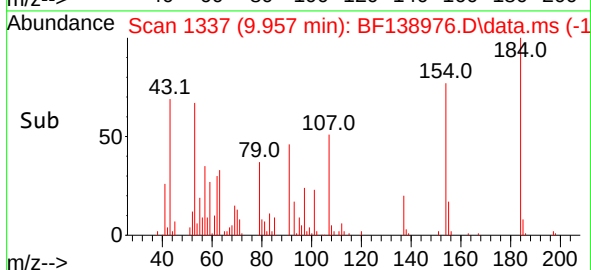
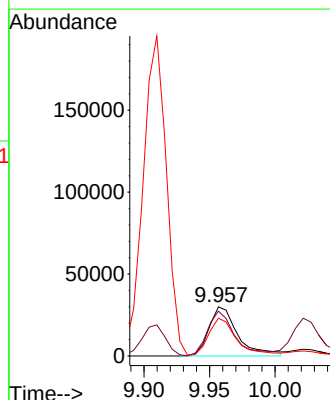
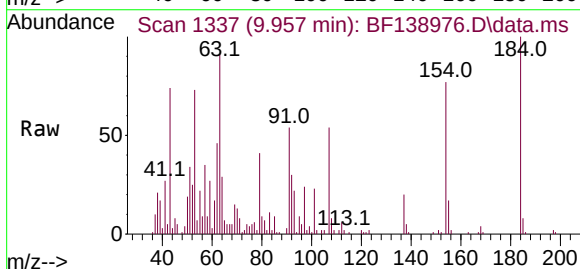
Delta R.T. 0.006 min

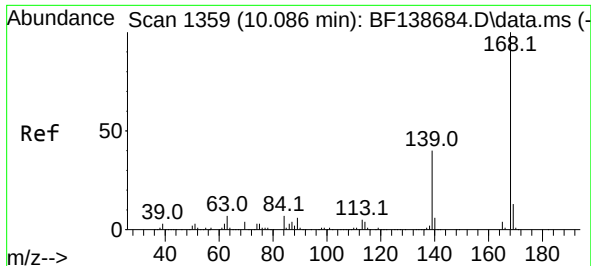
Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Tgt Ion:184 Resp: 45940

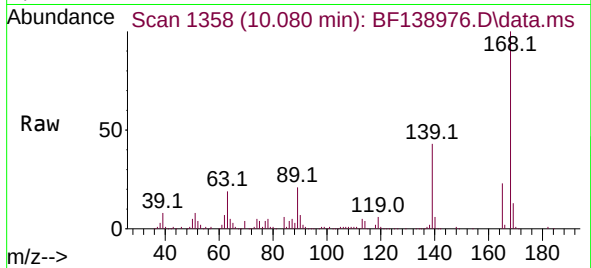
Ion	Ratio	Lower	Upper
184	100		
63	91.3	57.5	86.3
154	76.9	51.7	77.5





#55
Dibenzenofuran
Concen: 56.100 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

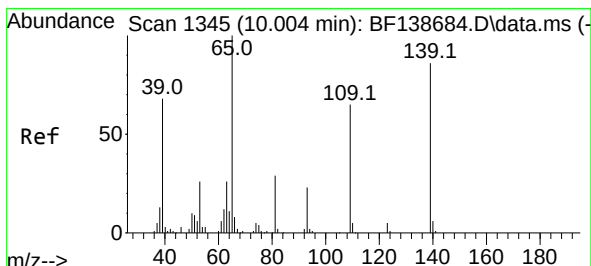
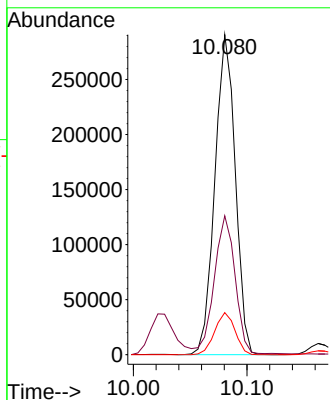
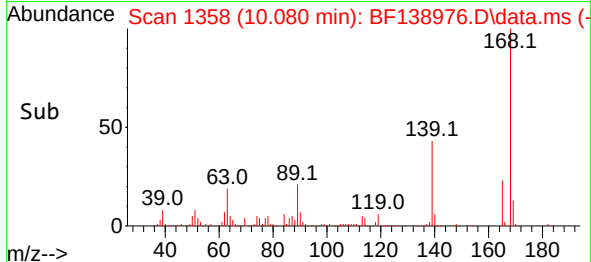
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion:168 Resp: 36295
Ion Ratio Lower Upper
168 100
139 43.4 32.6 49.0
169 13.1 10.7 16.1

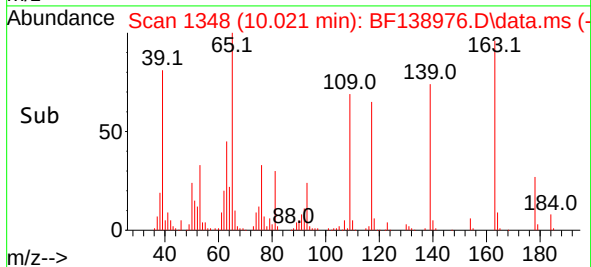
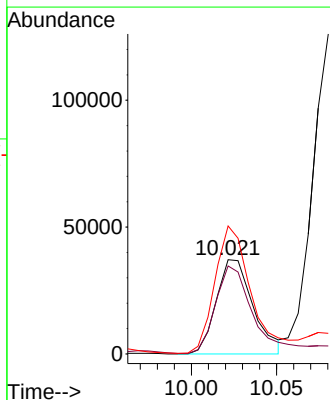
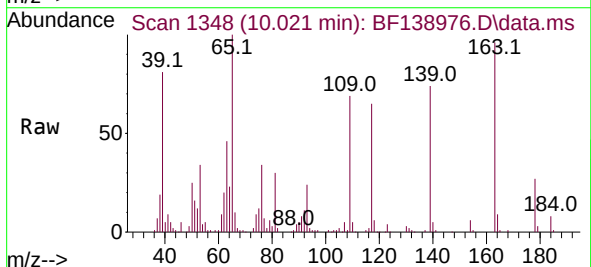
Manual Integrations
APPROVED

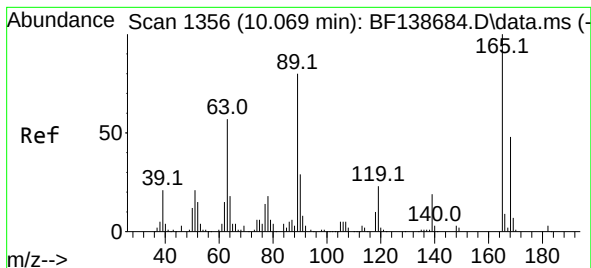
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 75.659 ng
RT: 10.021 min Scan# 1348
Delta R.T. 0.017 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

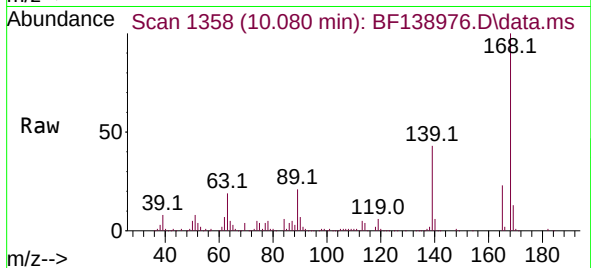
Tgt Ion:139 Resp: 56016
Ion Ratio Lower Upper
139 100
109 93.4 55.5 95.5
65 135.9 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 56.800 ng
RT: 10.080 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

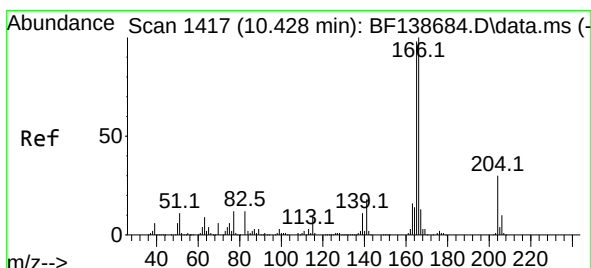
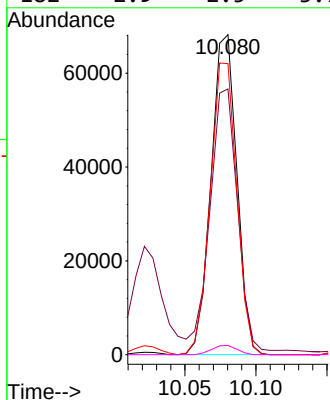
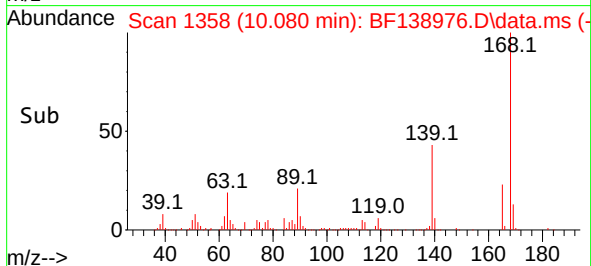
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



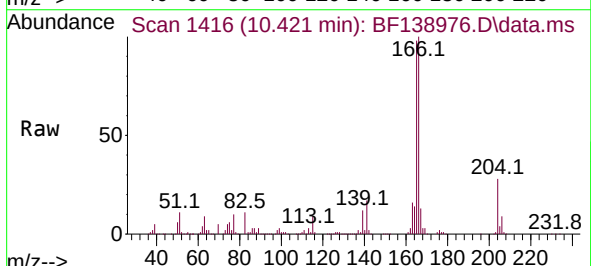
Tgt Ion:165 Resp: 86307
Ion Ratio Lower Upper
165 100
63 83.0 46.3 69.5
89 91.0 64.2 96.4
182 2.9 2.5 3.7

Manual Integrations
APPROVED

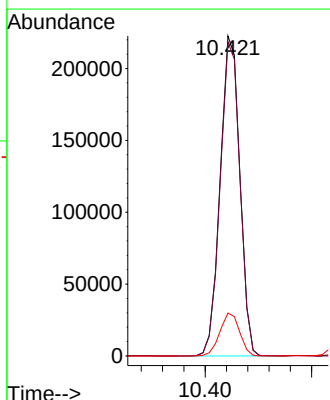
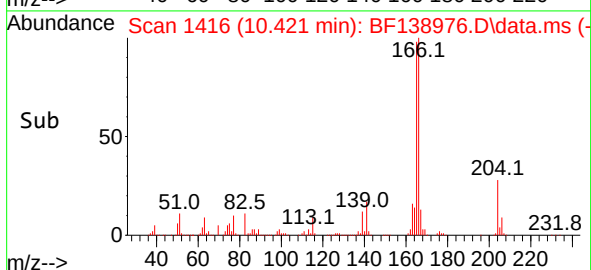
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

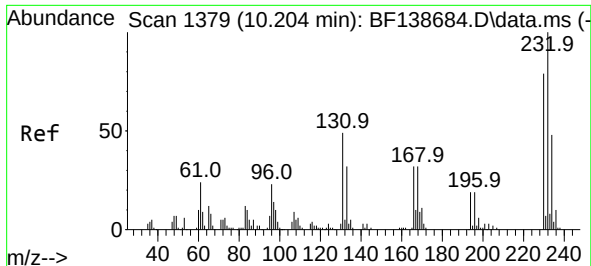


#58
Fluorene
Concen: 55.337 ng
RT: 10.421 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



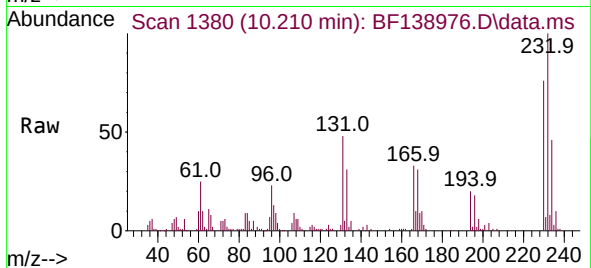
Tgt Ion:166 Resp: 285103
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.688 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

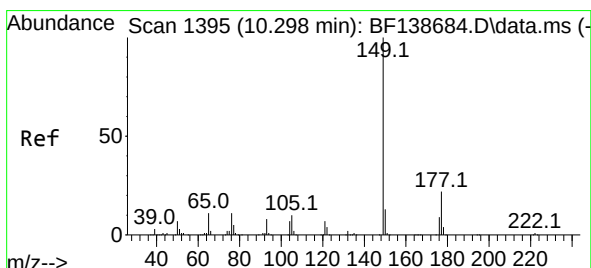
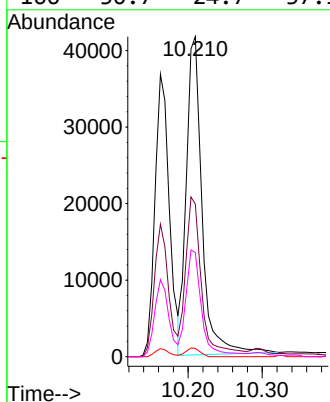
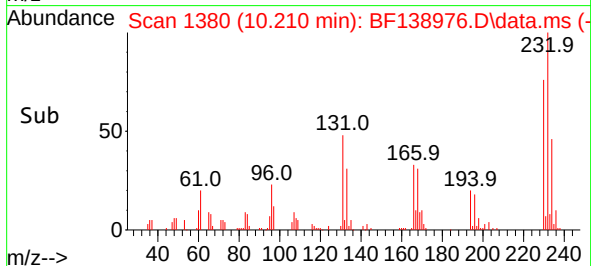
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion:232 Resp: 6155
Ion Ratio Lower Upper
232 100
131 49.8 37.0 55.4
130 2.5 2.0 3.0
166 30.7 24.7 37.1

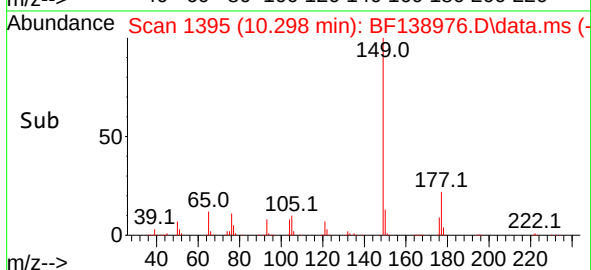
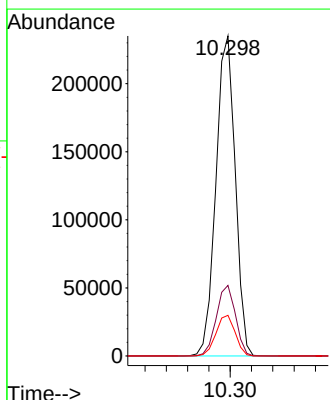
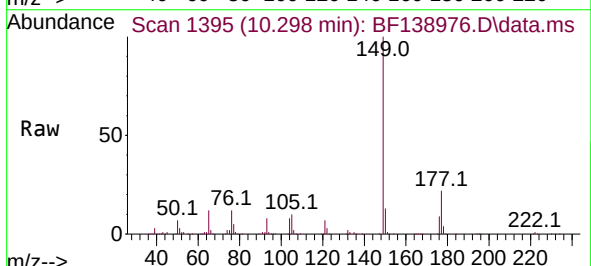
Manual Integrations
APPROVED

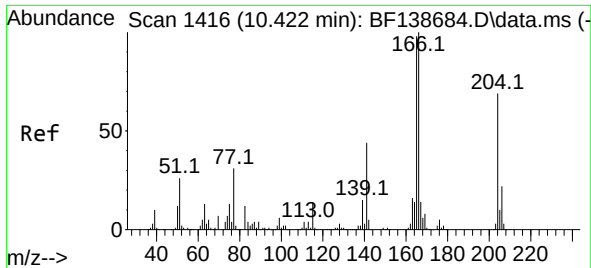
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#60
Diethylphthalate
Concen: 58.988 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

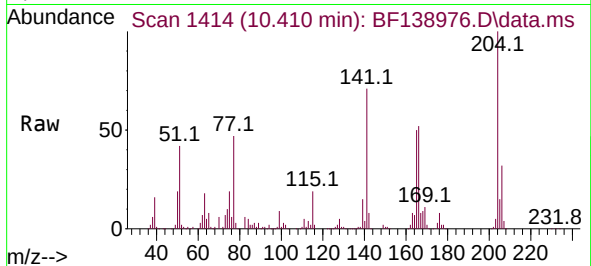
Tgt Ion:149 Resp: 295156
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 56.434 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

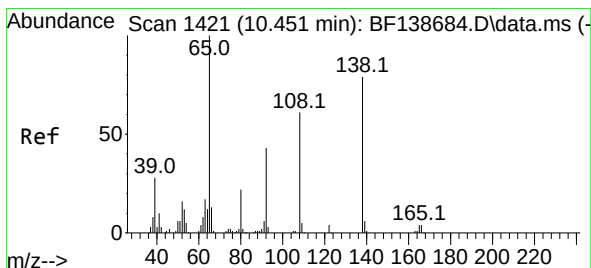
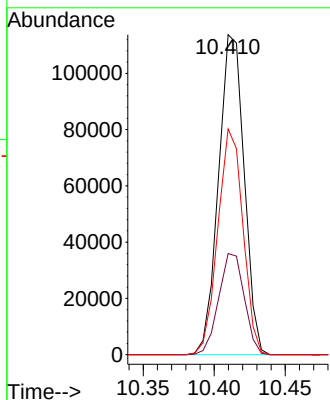
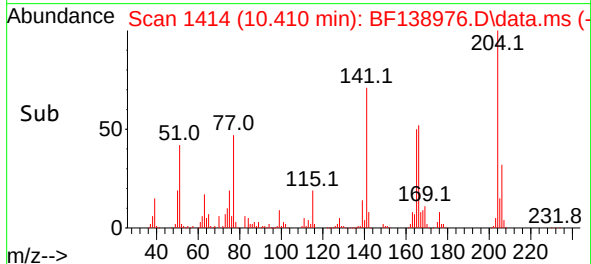
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion:204 Resp: 143000
Ion Ratio Lower Upper
204 100
206 31.6 26.1 39.1
141 70.5 51.4 77.0

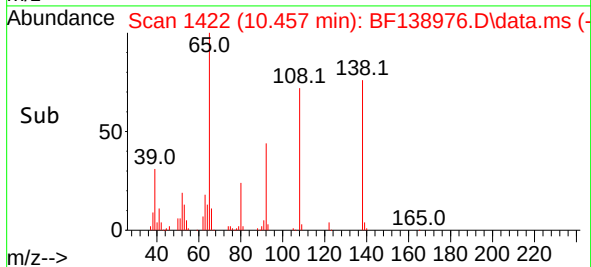
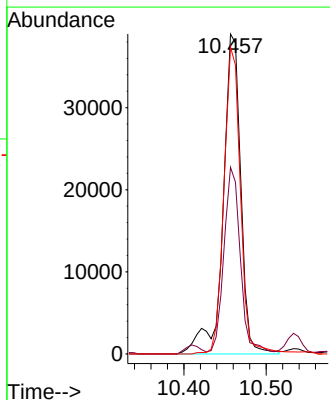
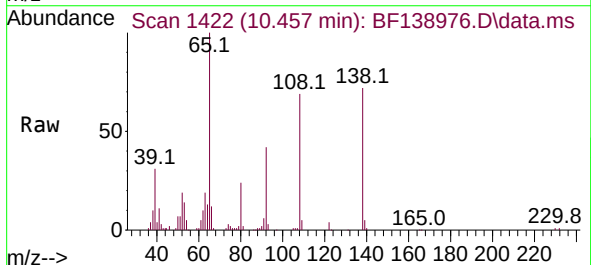
Manual Integrations
APPROVED

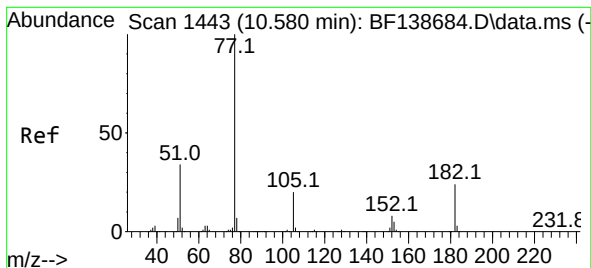
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 49.794 ng m
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

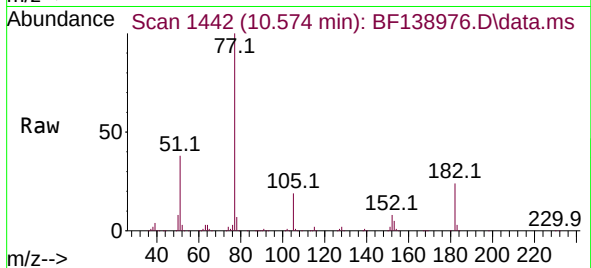
Tgt Ion:138 Resp: 58260
Ion Ratio Lower Upper
138 100
92 58.4 34.2 74.2
108 95.9 56.2 96.2





#63
Azobenzene
Concen: 55.522 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

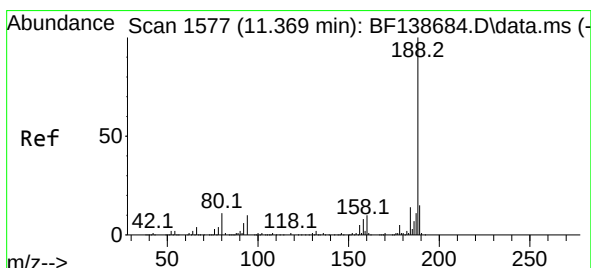
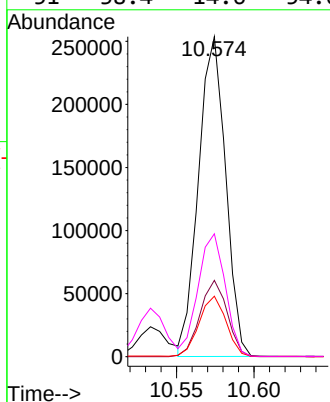
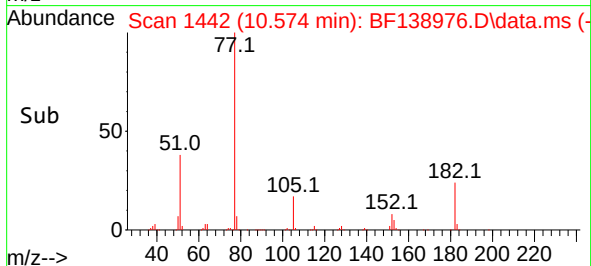
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



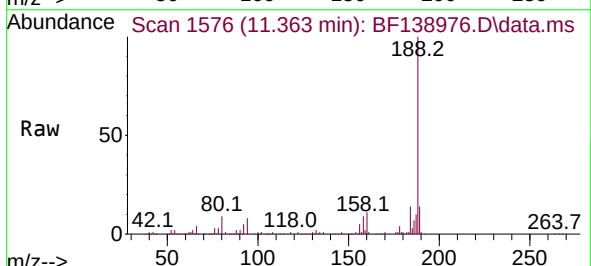
Tgt Ion: 77 Resp: 30812
Ion Ratio Lower Upper
77 100
182 23.9 3.4 43.4
105 18.9 0.2 40.2
51 38.4 14.6 54.6

Manual Integrations
APPROVED

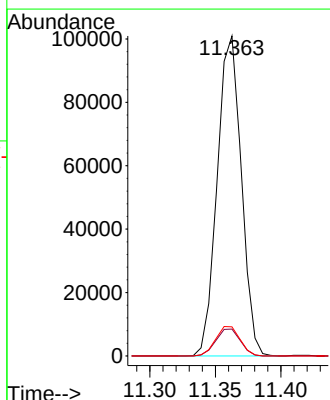
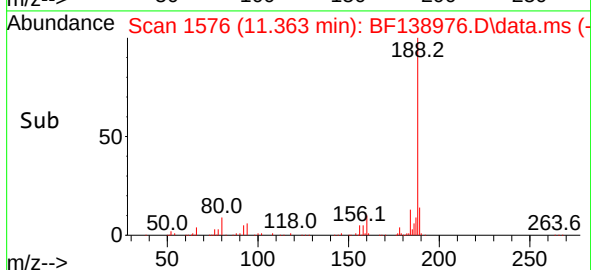
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

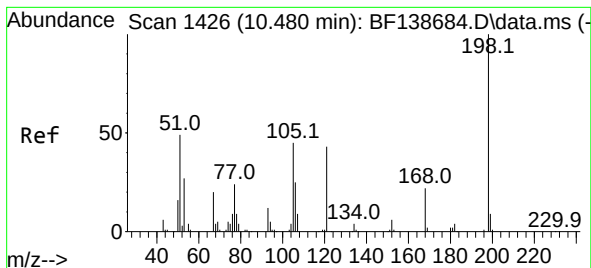


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



Tgt Ion:188 Resp: 128981
Ion Ratio Lower Upper
188 100
94 8.4 7.6 11.4
80 9.1 8.6 12.8





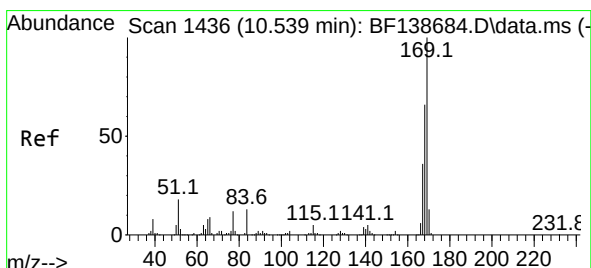
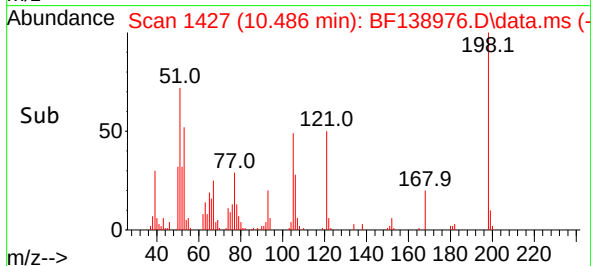
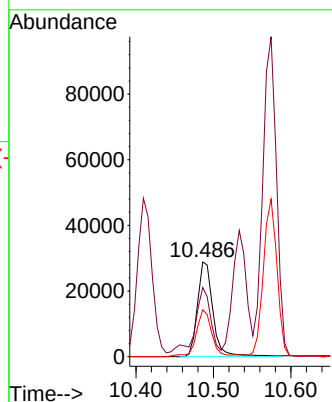
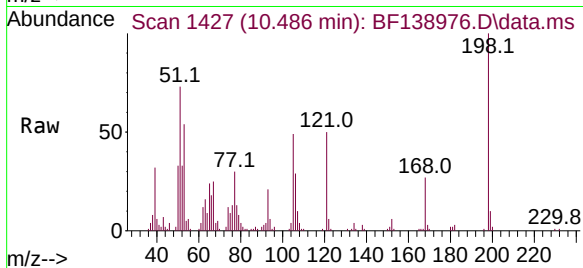
#65
4,6-Dinitro-2-methylphenol
Concen: 51.089 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS

Tgt Ion:198 Resp: 4020
Ion Ratio Lower Upper
198 100
51 73.0 39.9 79.9
105 49.4 26.1 66.1

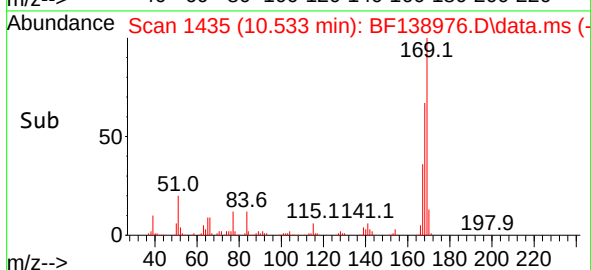
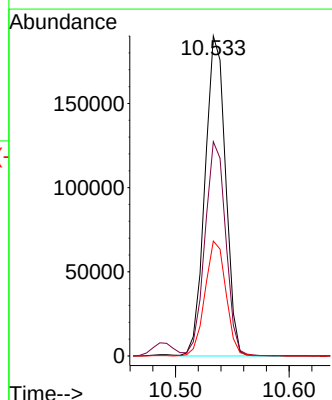
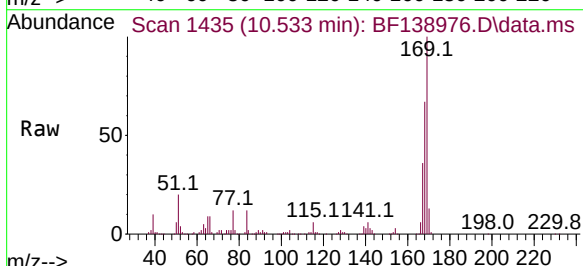
Manual Integrations
APPROVED

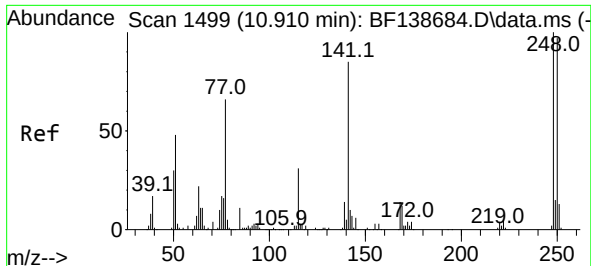
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 59.134 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

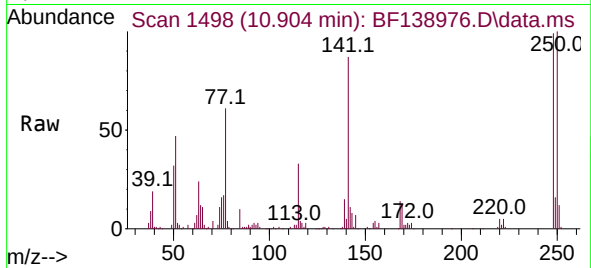
Tgt Ion:169 Resp: 238407
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 56.383 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

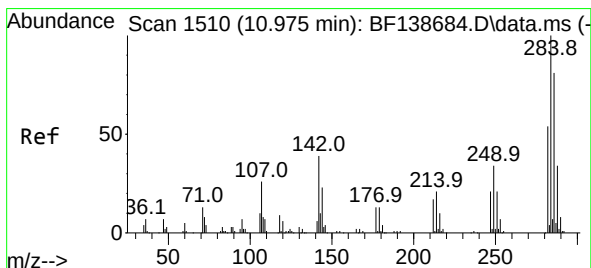
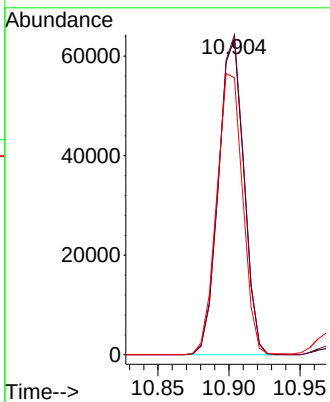
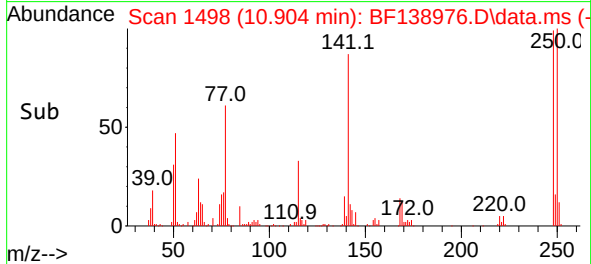
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion:248 Resp: 7873
Ion Ratio Lower Upper
248 100
250 101.4 77.7 116.5
141 87.7 68.0 102.0

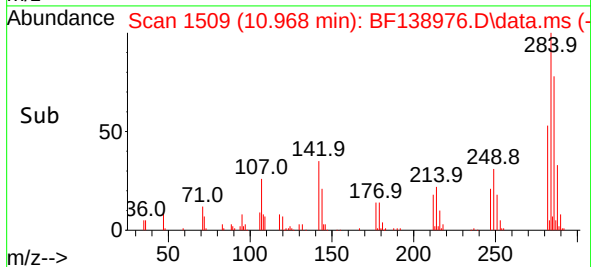
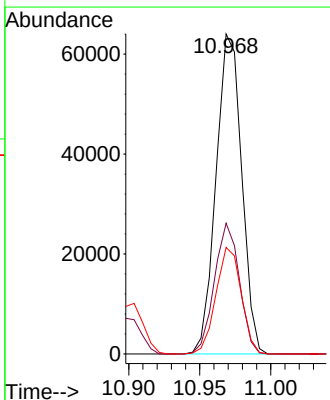
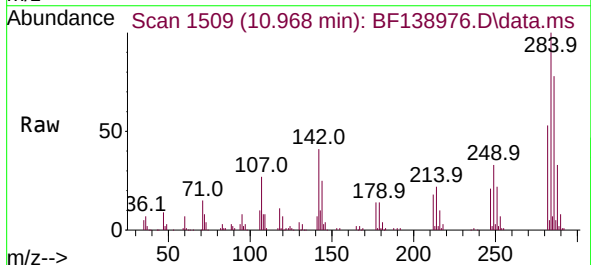
Manual Integrations
APPROVED

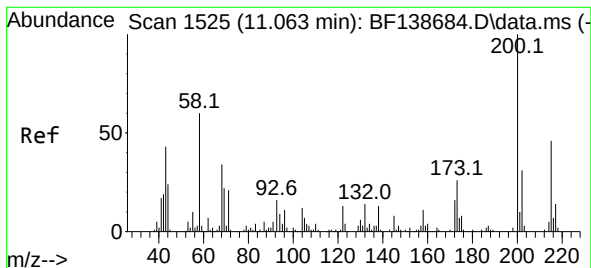
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#68
Hexachlorobenzene
Concen: 55.732 ng
RT: 10.968 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Tgt Ion:284 Resp: 80357
Ion Ratio Lower Upper
284 100
142 40.8 31.3 46.9
249 33.3 27.2 40.8





#69

Atrazine

Concen: 66.547 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS

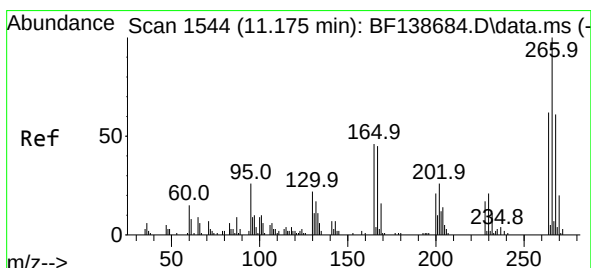
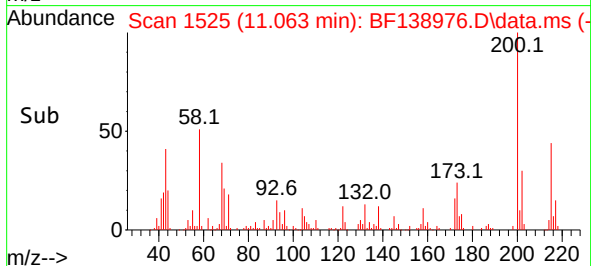
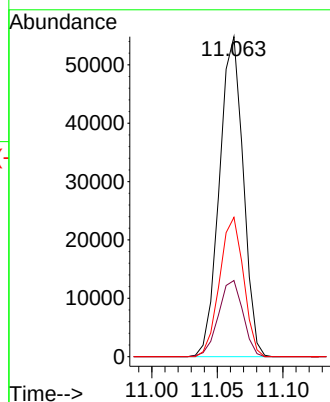
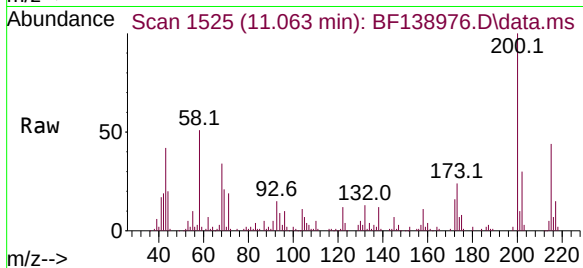
Tgt Ion:200 Resp: 6922
 Ion Ratio Lower Upper
 200 100
 173 23.8 6.0 46.0
 215 43.5 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 66.263 ng

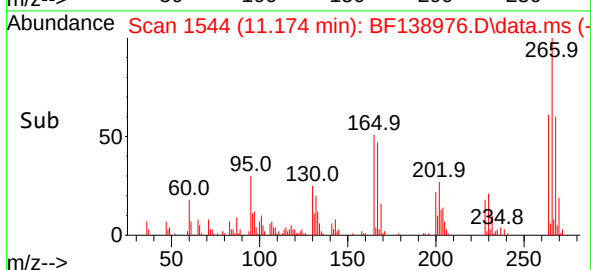
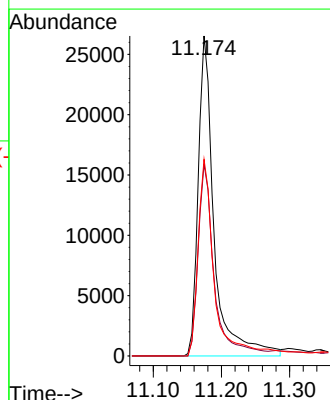
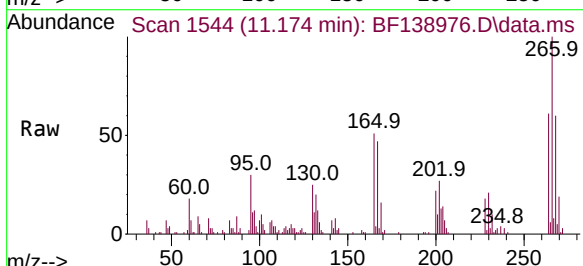
RT: 11.174 min Scan# 1544

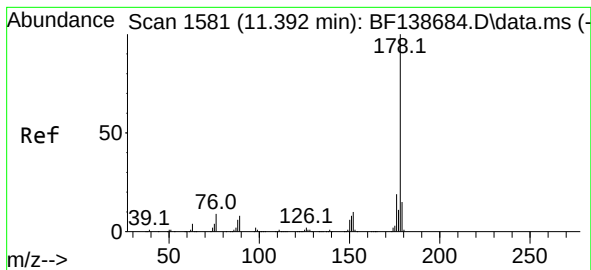
Delta R.T. -0.001 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Tgt Ion:266 Resp: 43065
 Ion Ratio Lower Upper
 266 100
 268 60.0 49.2 73.8
 264 61.5 49.8 74.6





#71

Phenanthrene

Concen: 55.065 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS

Tgt Ion:178 Resp: 365714

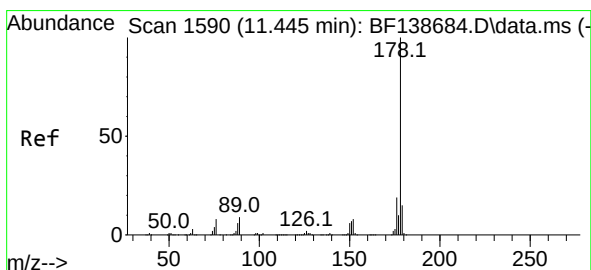
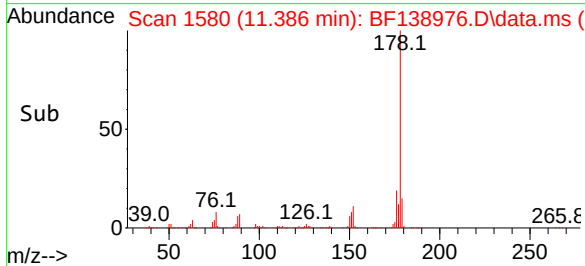
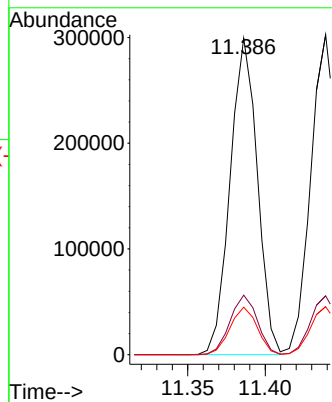
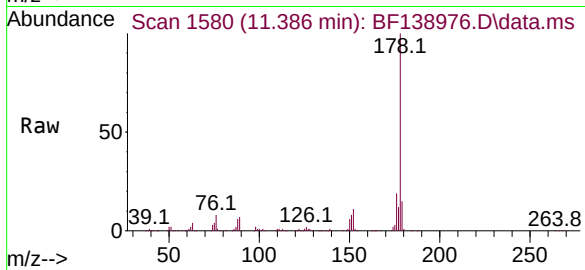
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.0	12.2	18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#72

Anthracene

Concen: 57.210 ng

RT: 11.439 min Scan# 1589

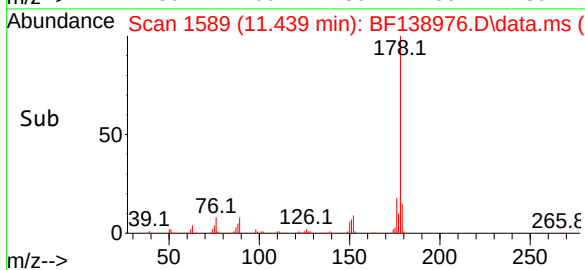
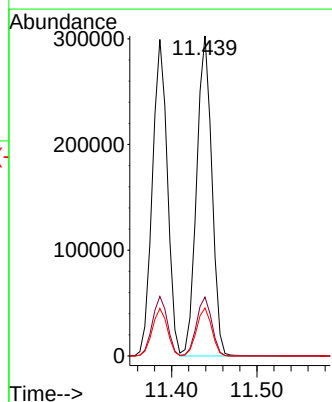
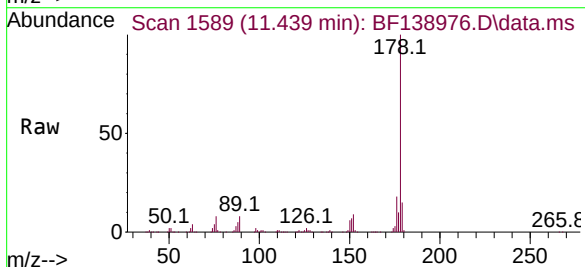
Delta R.T. -0.006 min

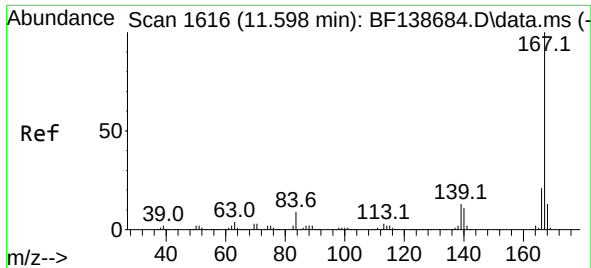
Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Tgt Ion:178 Resp: 374315

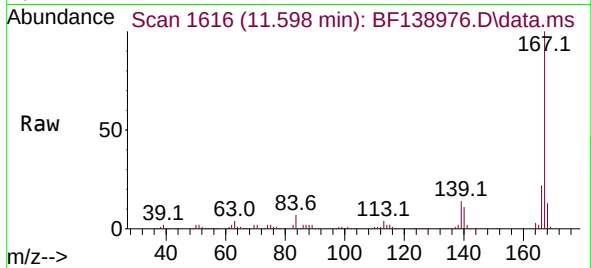
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.0	12.4	18.6





#73
 Carbazole
 Concen: 51.612 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138976.D
 Acq: 13 Aug 2024 15:49

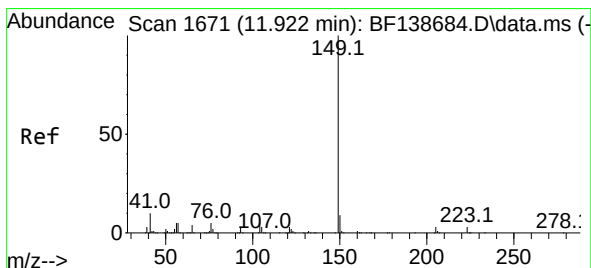
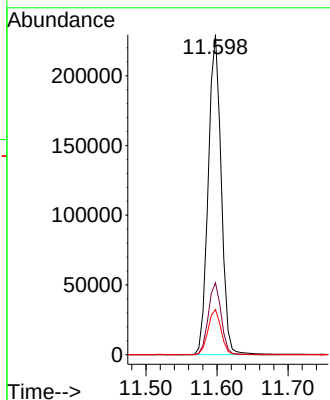
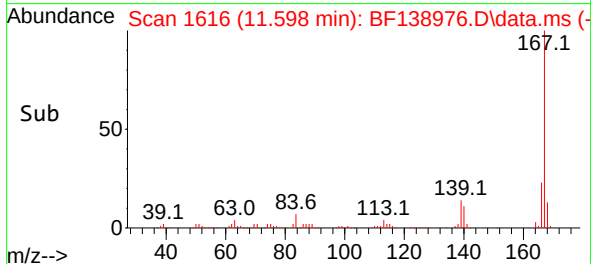
Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MS



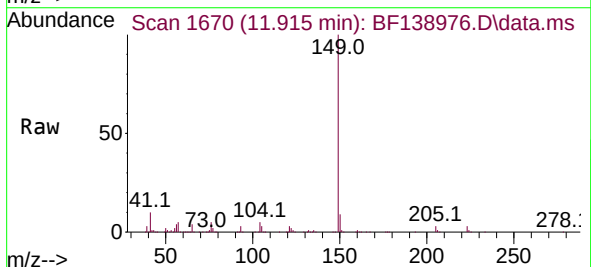
Tgt Ion:167 Resp: 29133
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.2 25.8
 139 14.1 10.6 16.0

Manual Integrations
 APPROVED

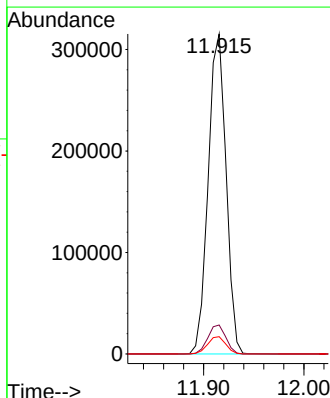
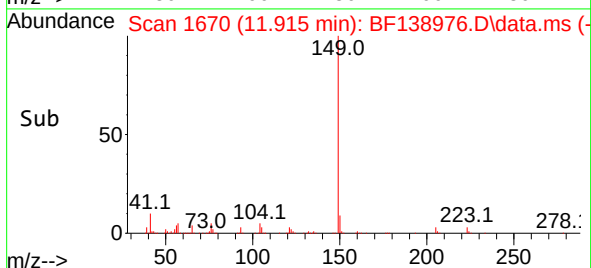
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

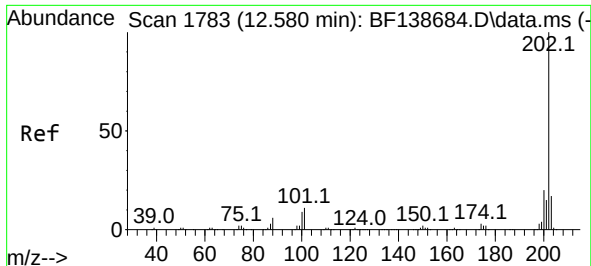


#74
 Di-n-butylphthalate
 Concen: 61.610 ng
 RT: 11.915 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138976.D
 Acq: 13 Aug 2024 15:49



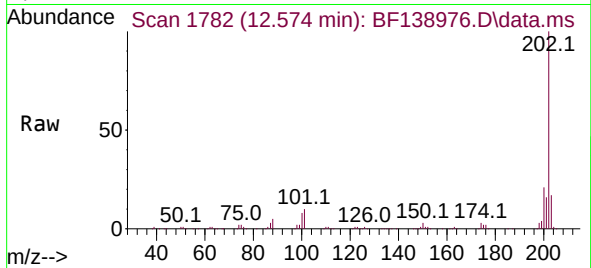
Tgt Ion:149 Resp: 390953
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 48.957 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

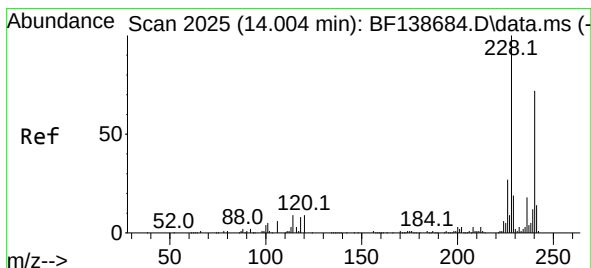
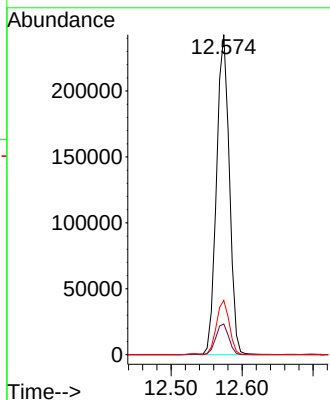
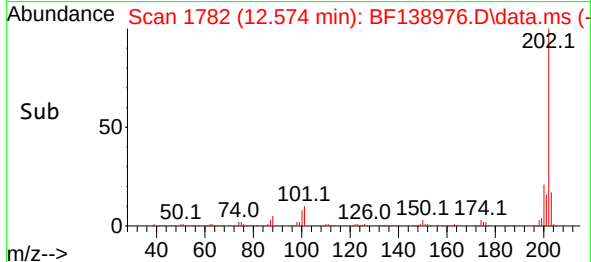
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



Tgt Ion:202 Resp: 30354
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.0 0.0 37.3

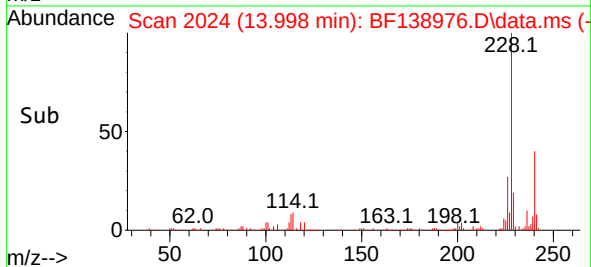
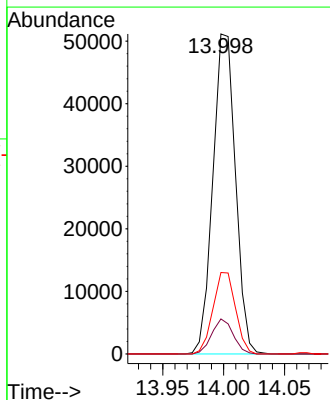
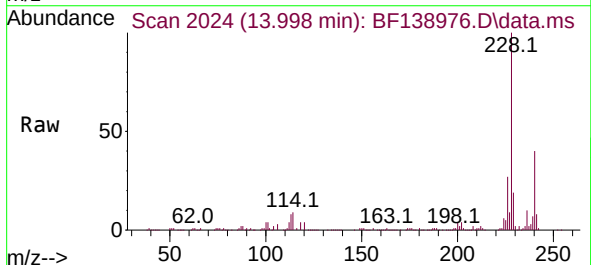
Manual Integrations
APPROVED

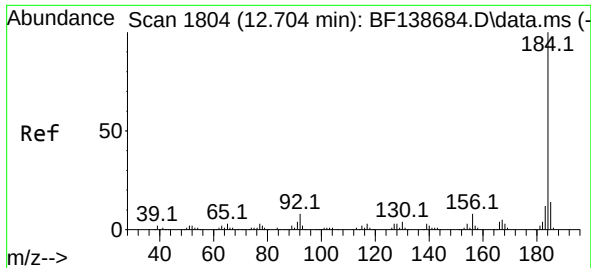
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

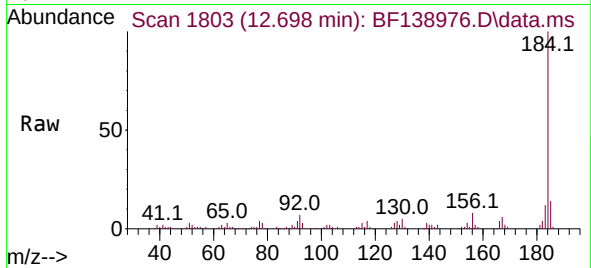
Tgt Ion:240 Resp: 66029
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 25.4 19.8 29.8





#77
Benzidine
Concen: 43.486 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

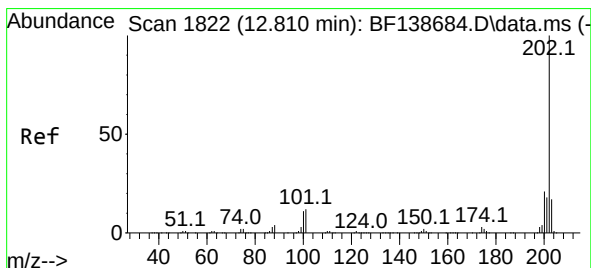
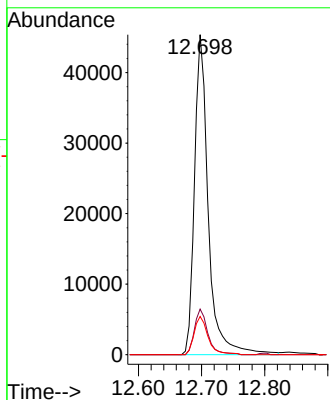
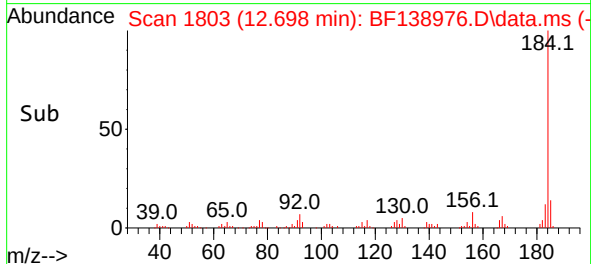
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



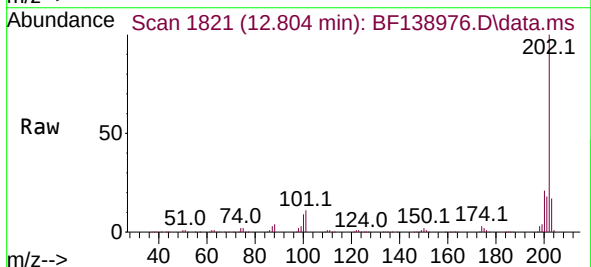
Tgt Ion:184 Resp: 68678
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 12.0 9.6 14.4

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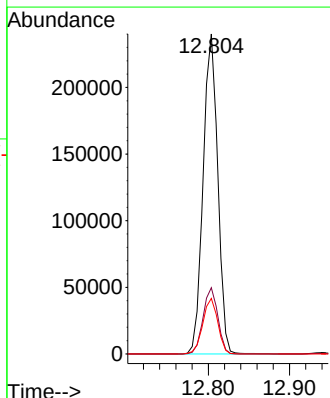
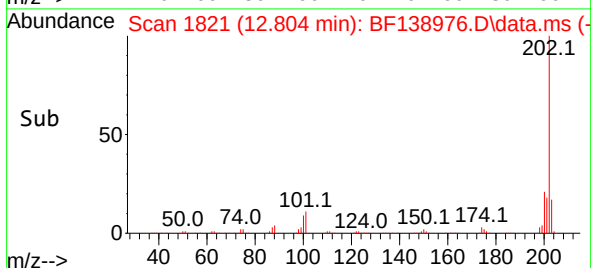
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

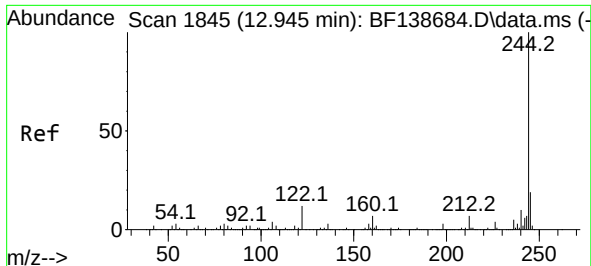


#78
Pyrene
Concen: 48.279 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



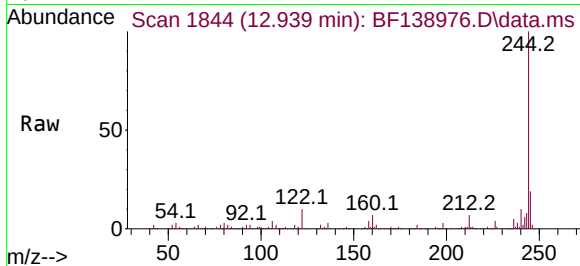
Tgt Ion:202 Resp: 300142
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 83.742 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138976.D
 Acq: 13 Aug 2024 15:49

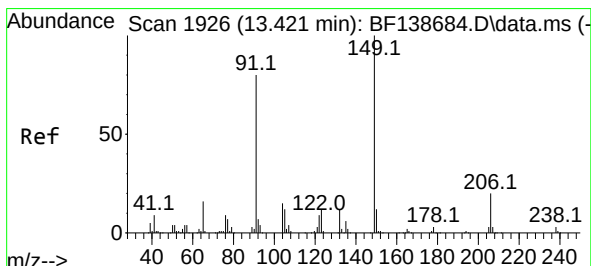
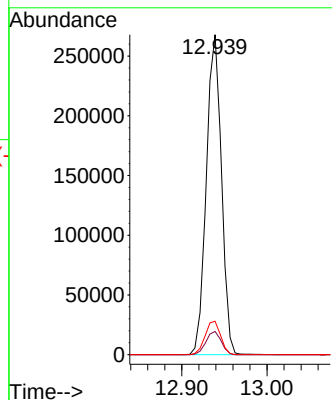
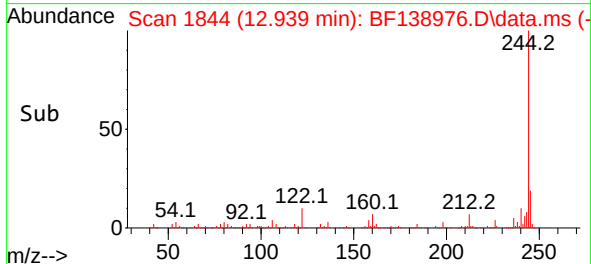
Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MS



Tgt Ion:244 Resp: 330250
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.5 9.6 14.4

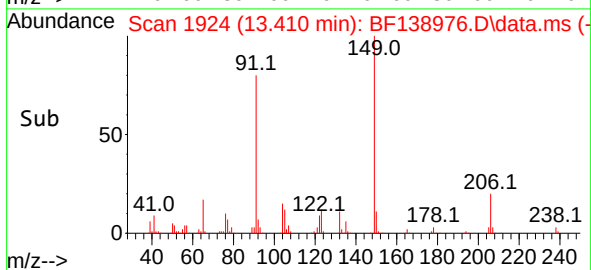
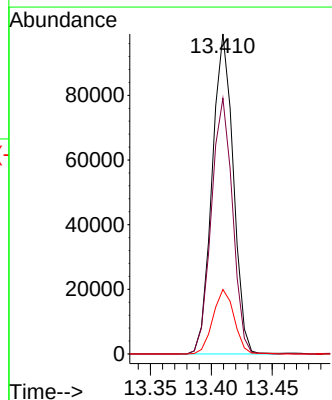
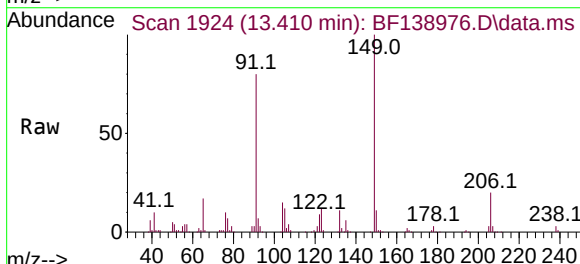
Manual Integrations
 APPROVED

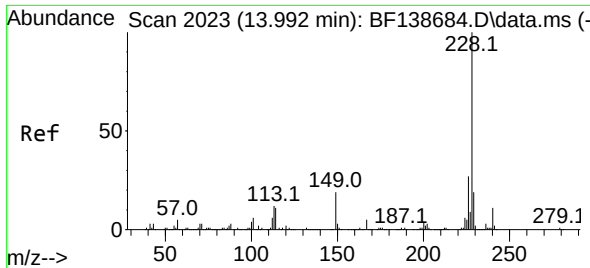
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 60.092 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138976.D
 Acq: 13 Aug 2024 15:49

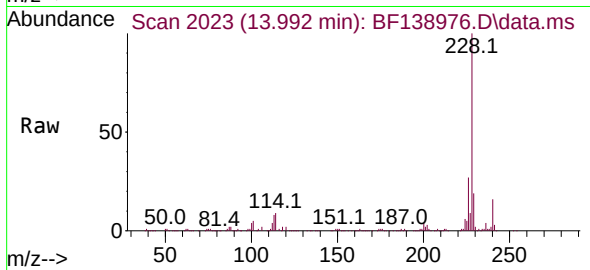
Tgt Ion:149 Resp: 119631
 Ion Ratio Lower Upper
 149 100
 91 79.9 63.7 95.5
 206 20.1 16.2 24.2





#81
Benzo(a)anthracene
Concen: 56.678 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

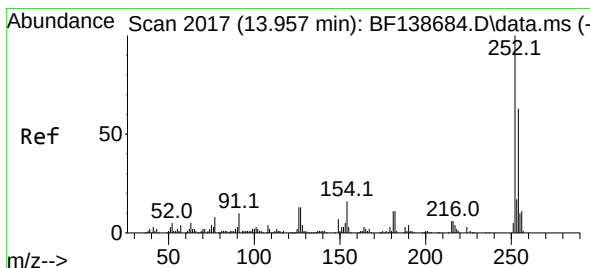
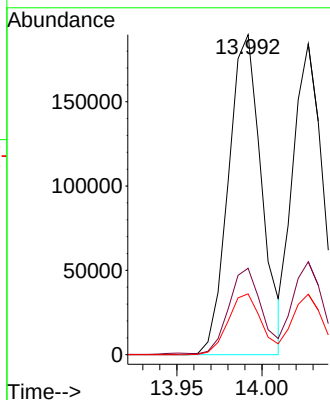
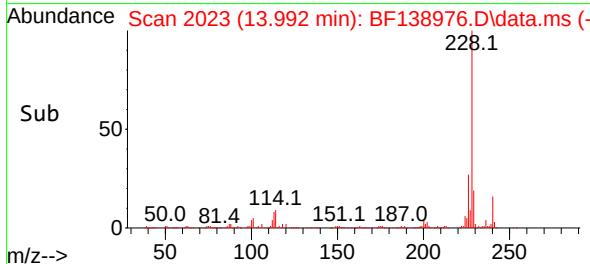
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



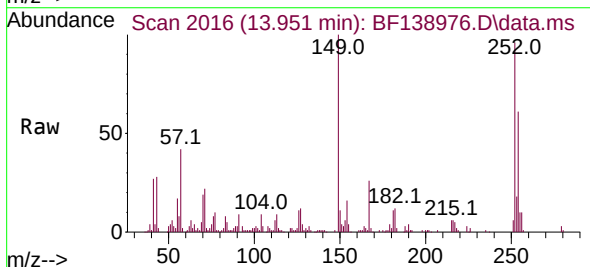
Tgt Ion:228 Resp: 25770
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.0 15.4 23.0

Manual Integrations
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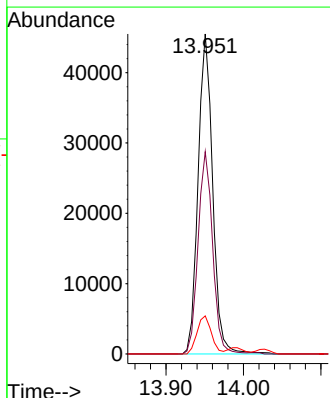
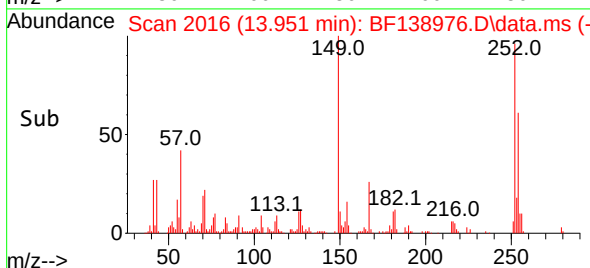
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

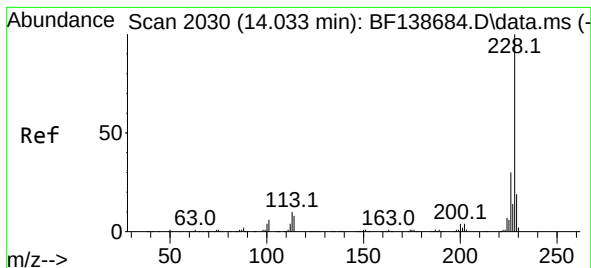


#82
3,3'-Dichlorobenzidine
Concen: 51.070 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



Tgt Ion:252 Resp: 59423
Ion Ratio Lower Upper
252 100
254 63.2 50.8 76.2
126 11.9 10.2 15.2





#83

Chrysene

Concen: 54.902 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MS

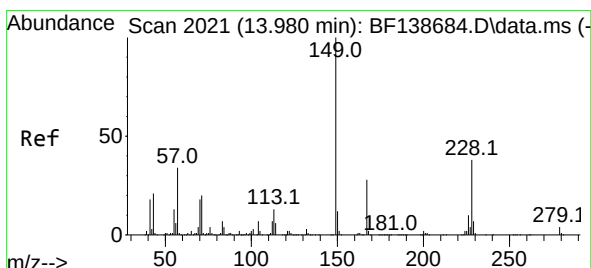
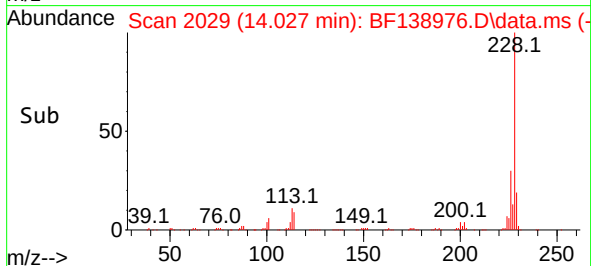
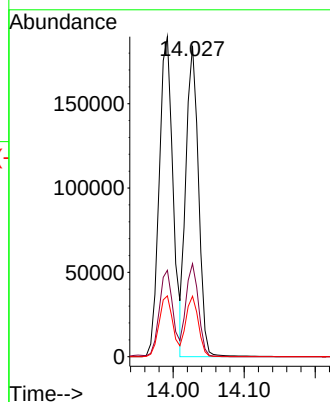
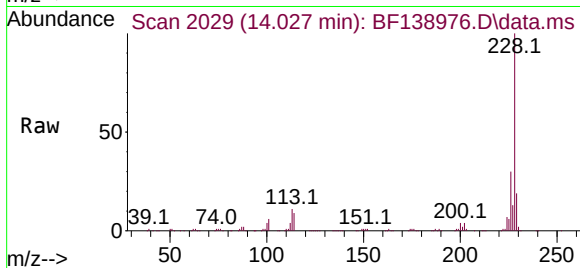
Tgt Ion:	228	Resp:	22521
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.7	35.5
229	19.5	15.0	22.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.756 ng

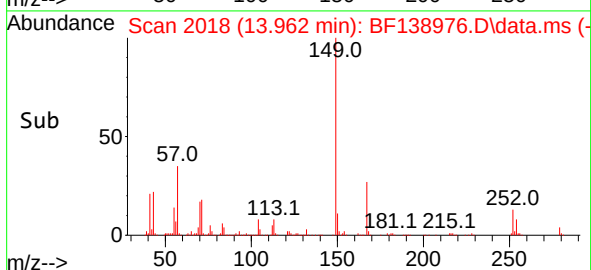
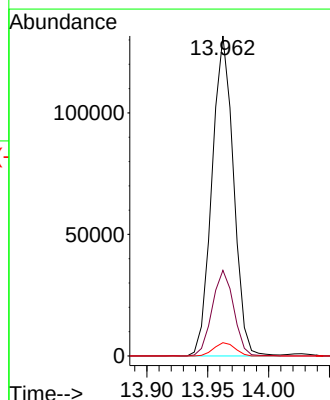
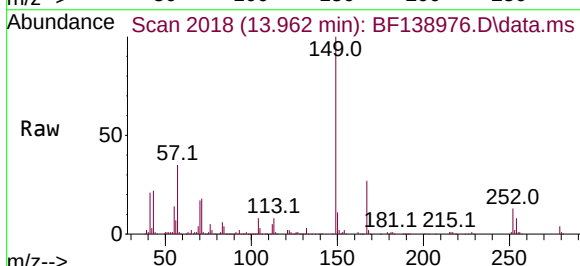
RT: 13.962 min Scan# 2018

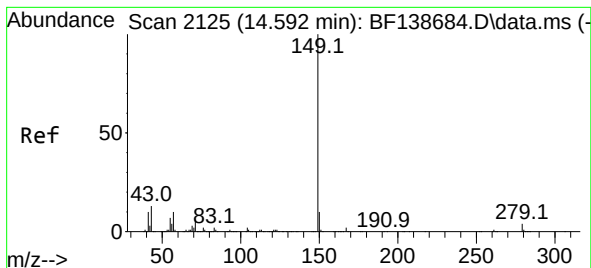
Delta R.T. -0.018 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Tgt Ion:	149	Resp:	162539
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.2	33.4
279	4.2	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 52.049 ng

RT: 14.574 min Scan# 2122

Delta R.T. -0.018 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

Instrument :

BNA_F

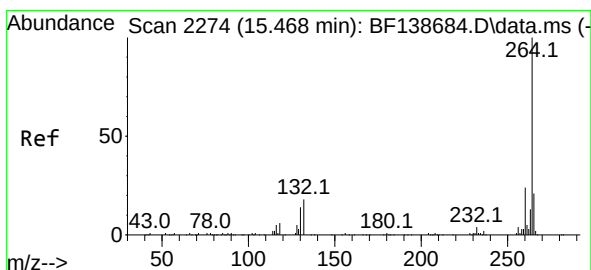
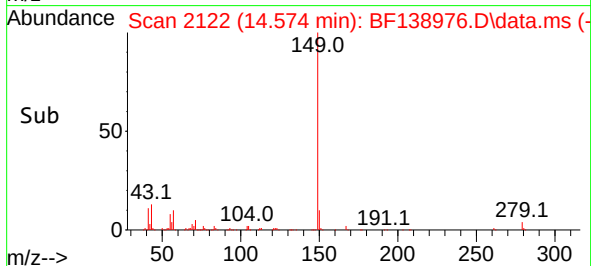
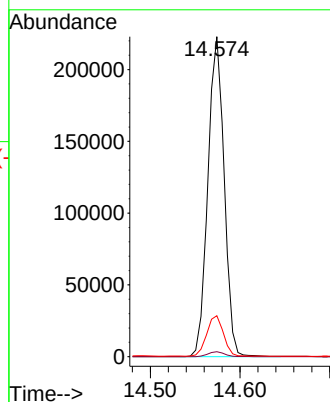
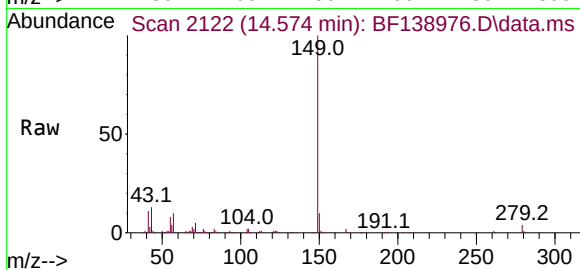
ClientSampleId :

OU4-CF-01-080624MS

Tgt Ion:149 Resp: 280732
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 13.0 10.4 15.6

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#86

Perylene-d12

Concen: 20.000 ng

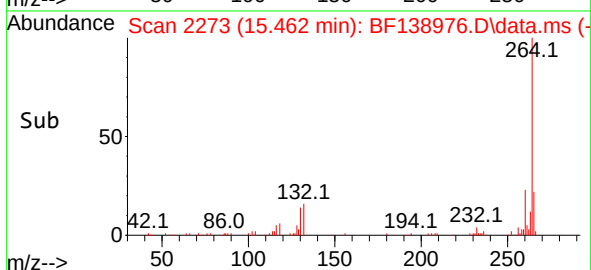
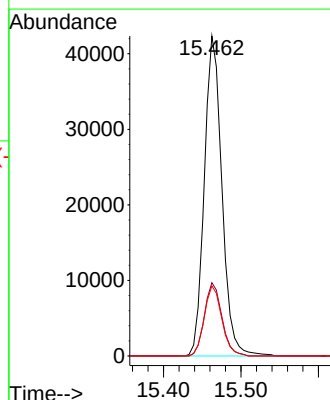
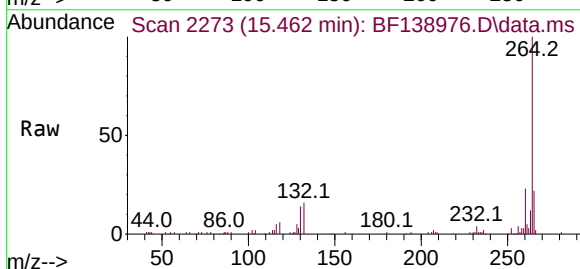
RT: 15.462 min Scan# 2273

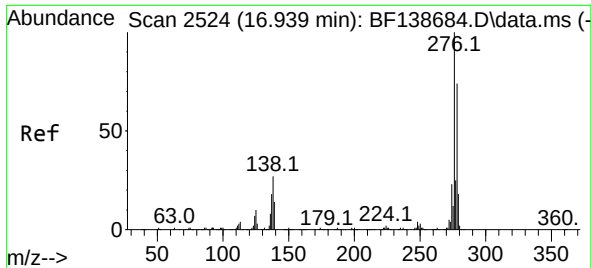
Delta R.T. -0.006 min

Lab File: BF138976.D

Acq: 13 Aug 2024 15:49

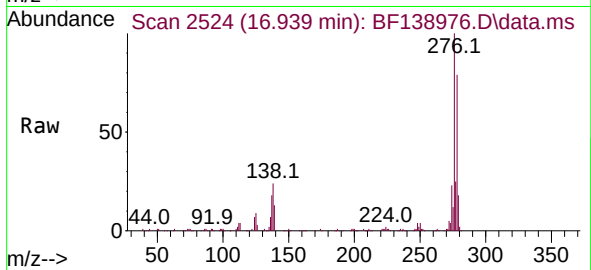
Tgt Ion:264 Resp: 66832
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.9 17.0 25.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.878 ng
 RT: 16.939 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138976.D
 Acq: 13 Aug 2024 15:49

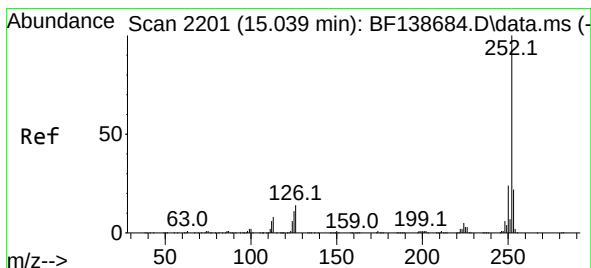
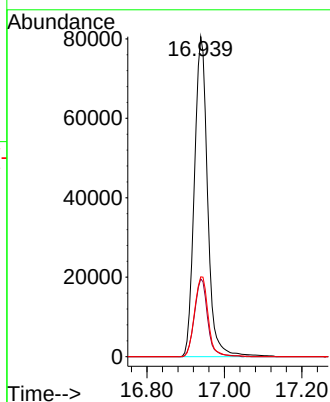
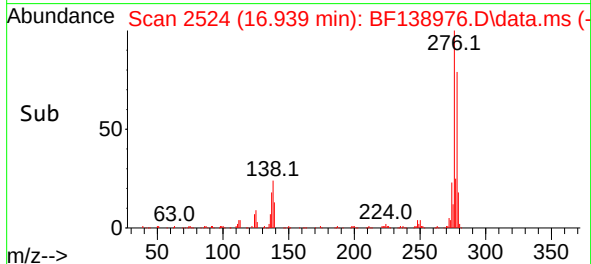
Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MS



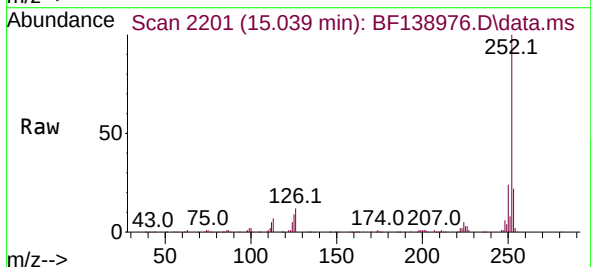
Tgt Ion: 276 Resp: 190992
 Ion Ratio Lower Upper
 276 100
 138 24.0 21.8 32.8
 277 25.5 20.6 30.8

Manual Integrations
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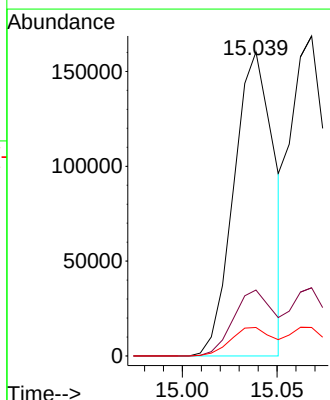
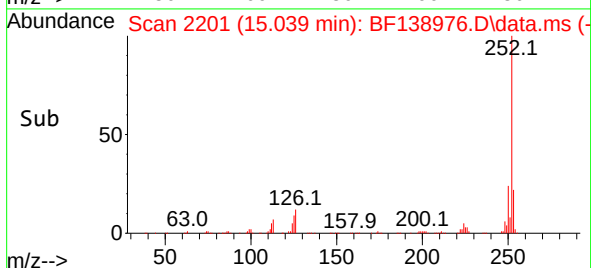
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

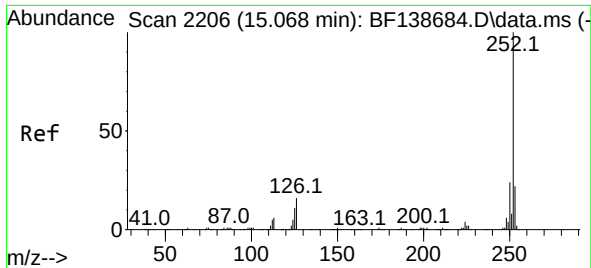


#88
 Benzo(b)fluoranthene
 Concen: 56.763 ng
 RT: 15.039 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF138976.D
 Acq: 13 Aug 2024 15:49



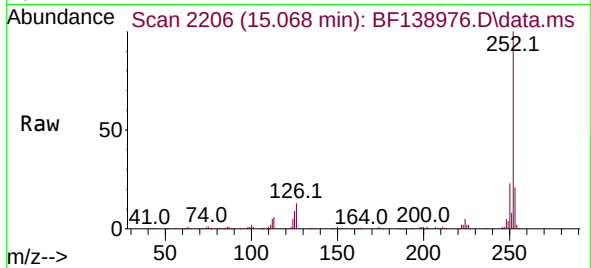
Tgt Ion: 252 Resp: 235164
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 9.4 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 63.606 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

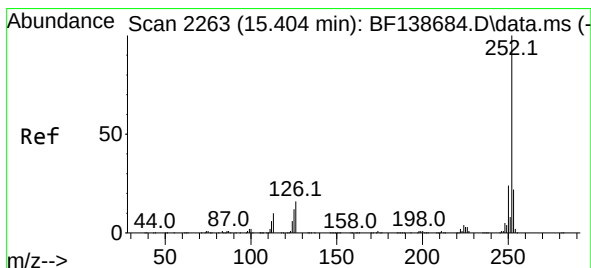
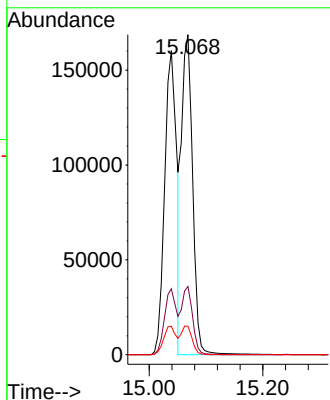
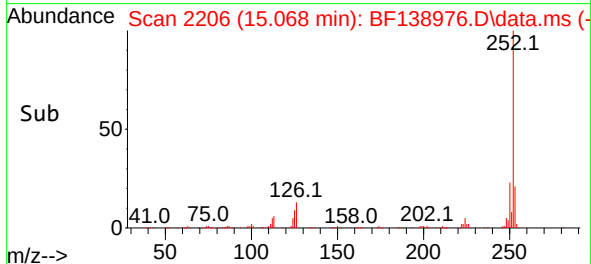
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS



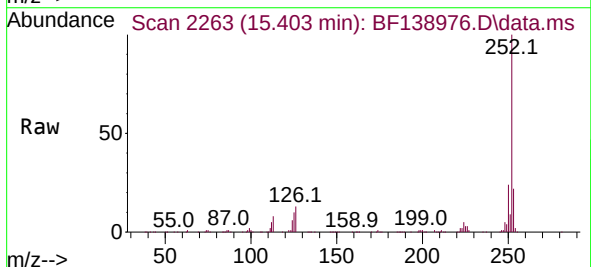
Tgt Ion:252 Resp: 22815
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 8.9 8.6 13.0

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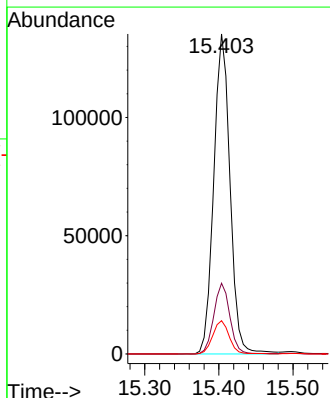
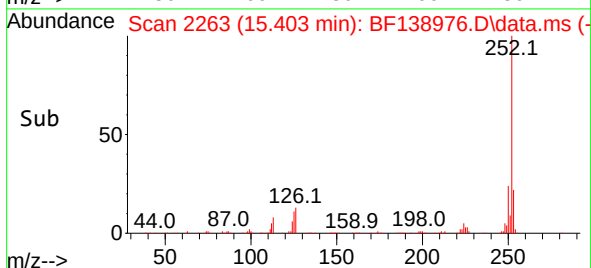
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

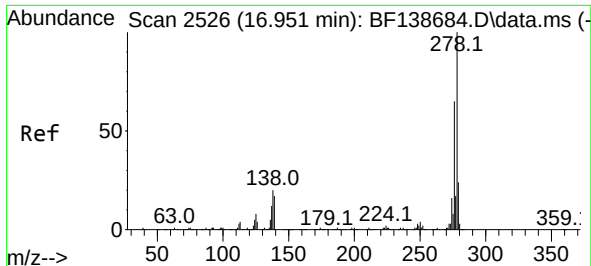


#90
Benzo(a)pyrene
Concen: 59.256 ng
RT: 15.403 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49



Tgt Ion:252 Resp: 206496
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.4 9.5 14.3





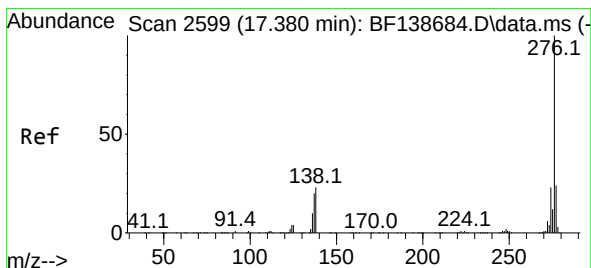
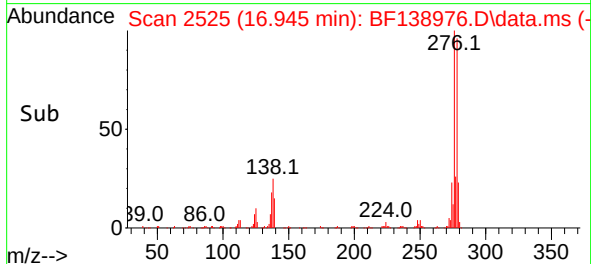
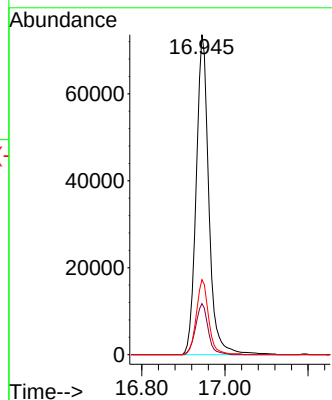
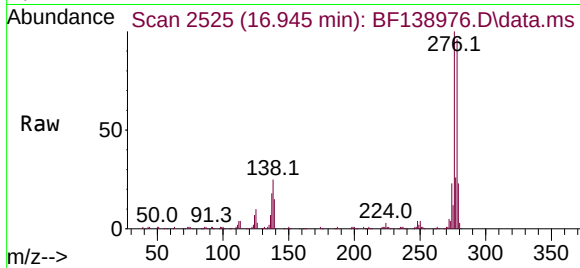
#91
Dibenzo(a,h)anthracene
Concen: 39.628 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MS

Tgt Ion:278 Resp: 155798
Ion Ratio Lower Upper
278 100
139 15.9 14.0 21.0
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#92
Benzo(g,h,i)perylene
Concen: 33.611 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BF138976.D
Acq: 13 Aug 2024 15:49

Tgt Ion:276 Resp: 137122
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 19.4 18.5 27.7

