

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138990.D
 Acq On : 14 Aug 2024 13:02
 Operator : RC/JU
 Sample : PB162577BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162577BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 14 13:41:22 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	6.834	152	47842	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	194483	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	111110	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	188477	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	93994	20.000	ng	0.00
86) Perylene-d12	15.463	264	89767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	396209	127.839	ng	0.01
7) Phenol-d6	6.487	99	526795	126.600	ng	0.00
23) Nitrobenzene-d5	7.404	82	346956	87.222	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	117559	129.166	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	637971	86.270	ng	-0.01
79) Terphenyl-d14	12.939	244	579648	103.250	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	43032	31.714	ng	95
3) Pyridine	3.440	79	106265	32.329	ng	# 90
4) n-Nitrosodimethylamine	3.399	42	104510	53.386	ng	82
6) Aniline	6.504	93	115443	31.109	ng	# 5
8) 2-Chlorophenol	6.628	128	156204	47.904	ng	99
9) Benzaldehyde	6.393	77	72919	29.233	ng	99
10) Phenol	6.504	94	203859	46.531	ng	85
11) bis(2-Chloroethyl)ether	6.575	93	149129	44.233	ng	99
12) 1,3-Dichlorobenzene	6.775	146	162910	44.632	ng	98
13) 1,4-Dichlorobenzene	6.851	146	165823	45.017	ng	99
14) 1,2-Dichlorobenzene	7.004	146	155291	45.109	ng	99
15) Benzyl Alcohol	6.993	79	148155	49.400	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	252520	43.522	ng	# 47
17) 2-Methylphenol	7.104	107	123669	45.930	ng	# 85
18) Hexachloroethane	7.340	117	63667	45.917	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	122014	48.549	ng	98
20) 3+4-Methylphenols	7.257	107	168332	48.726	ng	# 84
22) Acetophenone	7.251	105	213982	44.936	ng	98
24) Nitrobenzene	7.428	77	181069	44.733	ng	100
25) Isophorone	7.663	82	315335	46.425	ng	98
26) 2-Nitrophenol	7.740	139	80242	46.077	ng	91
27) 2,4-Dimethylphenol	7.781	122	107202	51.450	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	182202	44.049	ng	98
29) 2,4-Dichlorophenol	7.987	162	129309	48.296	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	138773	44.913	ng	99
31) Naphthalene	8.140	128	459770	44.913	ng	100
32) Benzoic acid	7.940	122	51527	31.460	ng	95
33) 4-Chloroaniline	8.198	127	88602	25.784	ng	98
34) Hexachlorobutadiene	8.251	225	85583	45.730	ng	99
35) Caprolactam	8.581	113	38437m	48.112	ng	
36) 4-Chloro-3-methylphenol	8.692	107	148691	48.593	ng	100
37) 2-Methylnaphthalene	8.828	142	301826	46.685	ng	99
38) 1-Methylnaphthalene	8.928	142	279450	44.110	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	127590	41.338	ng	98
41) Hexachlorocyclopentadiene	8.975	237	72761	88.275	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	81823	43.479	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	90217	43.852	ng	98
46) 1,1'-Biphenyl	9.292	154	362034	41.604	ng	99
47) 2-Chloronaphthalene	9.322	162	281494	43.495	ng	99
48) 2-Nitroaniline	9.428	65	105429	48.052	ng	96
49) Acenaphthylene	9.734	152	450831	49.115	ng	99
50) Dimethylphthalate	9.598	163	342992	48.278	ng	100
51) 2,6-Dinitrotoluene	9.669	165	74319	46.352	ng	90
52) Acenaphthene	9.904	154	273638	44.347	ng	99
53) 3-Nitroaniline	9.839	138	51199	30.889	ng	97
54) 2,4-Dinitrophenol	9.957	184	56937	77.142	ng	# 83
55) Dibenzofuran	10.081	168	406209	46.636	ng	98
56) 4-Nitrophenol	10.022	139	69430	69.657	ng	84
57) 2,4-Dinitrotoluene	10.075	165	100955	49.352	ng	# 79
58) Fluorene	10.422	166	333079	48.021	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	71435	45.418	ng	95
60) Diethylphthalate	10.292	149	339202	50.354	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	160748	47.122	ng	95
62) 4-Nitroaniline	10.457	138	67513m	42.861	ng	
63) Azobenzene	10.569	77	353281	47.286	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	51649	44.917	ng	91
66) n-Nitrosodiphenylamine	10.533	169	278648	47.298	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	92779	45.466	ng	98
68) Hexachlorobenzene	10.969	284	95943	45.536	ng	98
69) Atrazine	11.063	200	80207	52.768	ng	98
70) Pentachlorophenol	11.175	266	61030	64.263	ng	97
71) Phenanthrene	11.386	178	454856	46.868	ng	99
72) Anthracene	11.439	178	464439	48.577	ng	100
73) Carbazole	11.598	167	378097	45.838	ng	98
74) Di-n-butylphthalate	11.910	149	494407	53.318	ng	99
75) Fluoranthene	12.575	202	410322	45.288	ng	98
77) Benzidine	12.698	184	24670	10.973	ng	97
78) Pyrene	12.804	202	408455	46.154	ng	100
80) Butylbenzylphthalate	13.410	149	147707	52.120	ng	98
81) Benzo(a)anthracene	13.986	228	314088	48.526	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	61937	37.393	ng	99
83) Chrysene	14.027	228	269329	46.122	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	183794	44.289	ng	99
85) Di-n-octyl phthalate	14.574	149	290690	37.861	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	301753	46.907	ng	96
88) Benzo(b)fluoranthene	15.039	252	263687	47.386	ng	98
89) Benzo(k)fluoranthene	15.068	252	254630	52.850	ng	98
90) Benzo(a)pyrene	15.404	252	241431	51.580	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	243594	46.129	ng	97
92) Benzo(g,h,i)perylene	17.386	276	225544	41.159	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF138990.D
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BNA_F

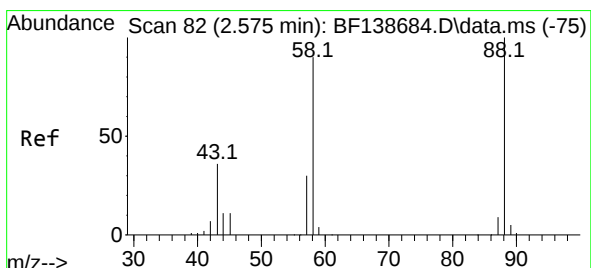
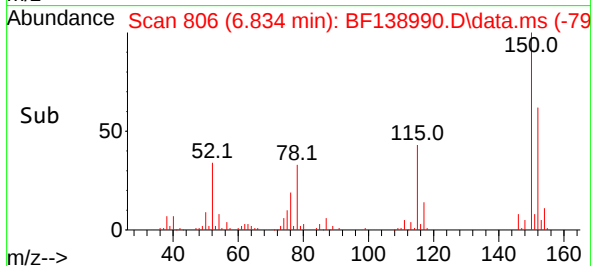
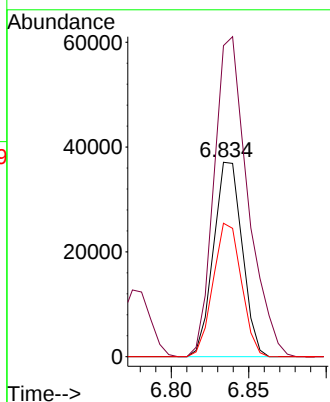
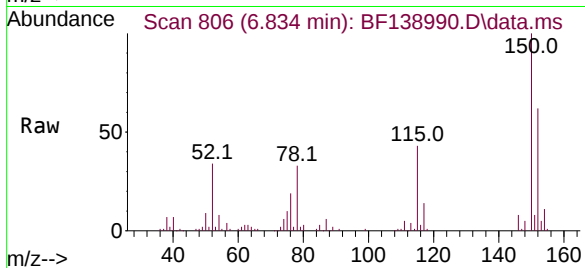
ClientSampleId :

PB162577BS

Tgt Ion:152 Resp: 4784
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 68.7 51.7 77.5

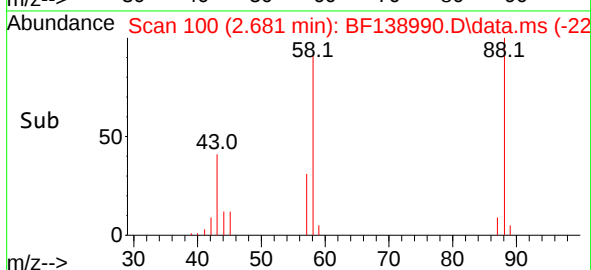
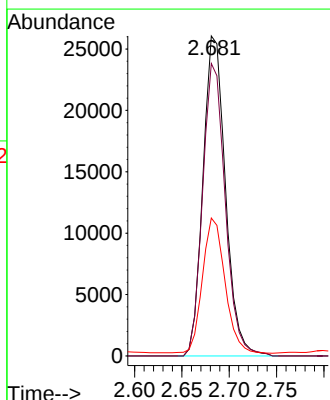
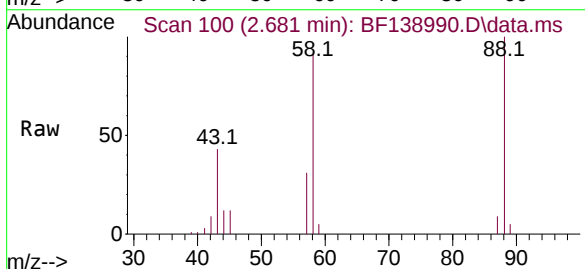
Manual Integrations
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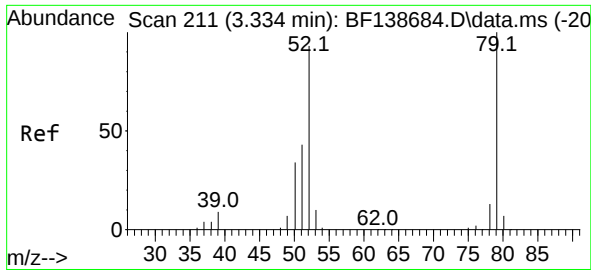
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#2
1,4-Dioxane
Concen: 31.714 ng
RT: 2.681 min Scan# 100
Delta R.T. 0.106 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion: 88 Resp: 43032
Ion Ratio Lower Upper
88 100
58 92.0 71.6 107.4
43 42.3 28.7 43.1





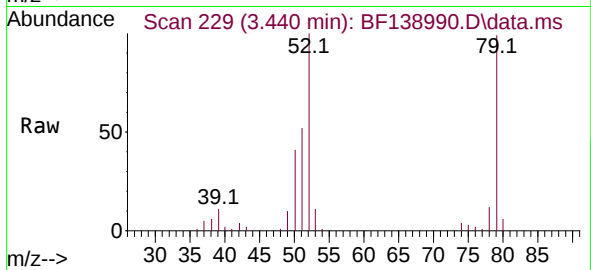
#3
Pyridine
Concen: 32.329 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

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PB162577BS



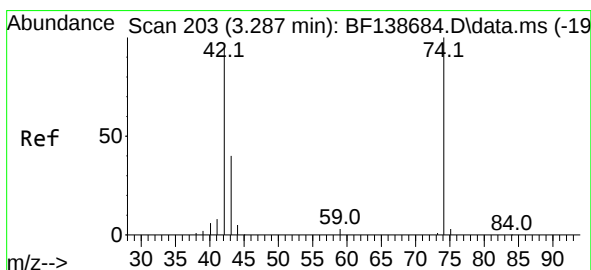
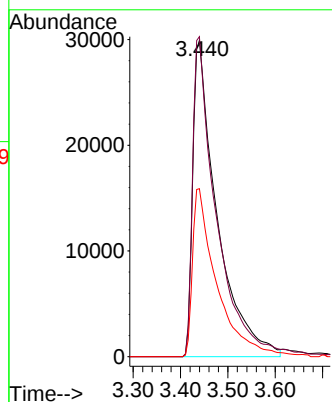
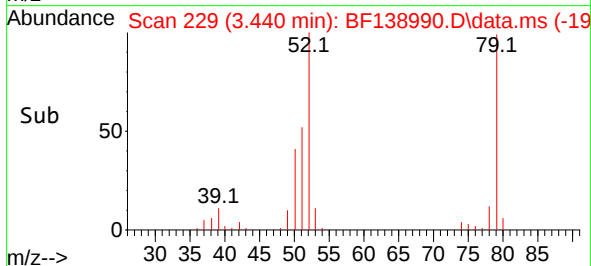
Tgt Ion: 79 Resp: 10626
Ion Ratio Lower Upper
79 100
52 101.2 74.7 112.1
51 53.1 34.6 51.8

Manual Integrations

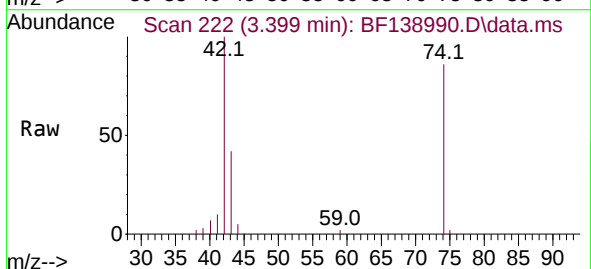
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Reviewed By :Yogesh Patel 08/15/2024

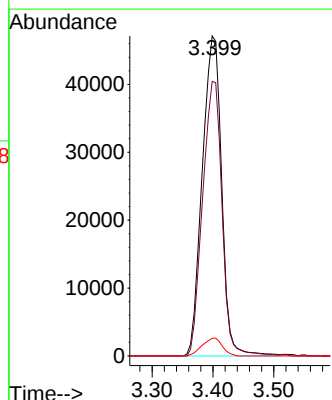
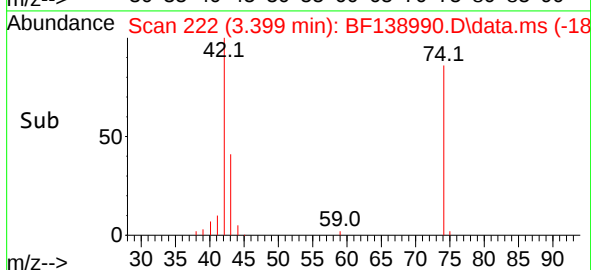
Supervised By :mohammad ahmed 08/16/2024



#4
n-Nitrosodimethylamine
Concen: 53.386 ng
RT: 3.399 min Scan# 222
Delta R.T. 0.112 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion: 42 Resp: 104510
Ion Ratio Lower Upper
42 100
74 85.8 84.2 126.4
44 5.5 4.9 7.3





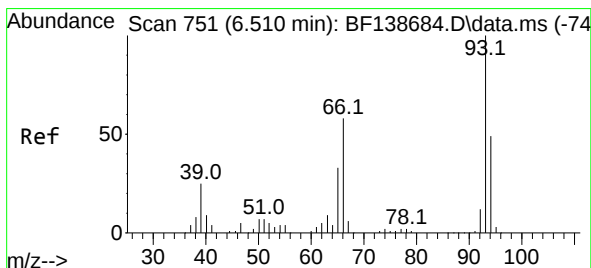
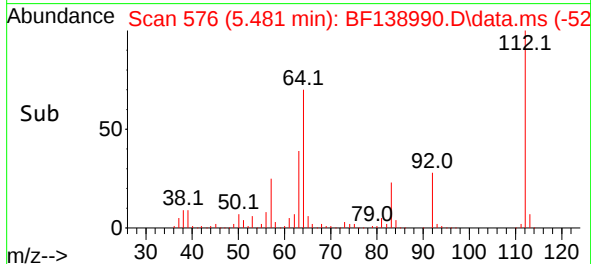
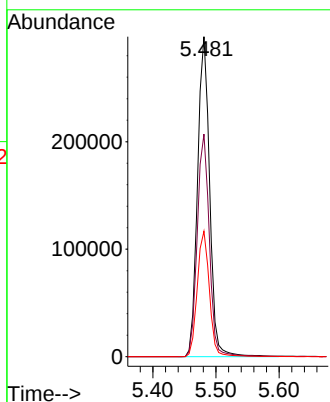
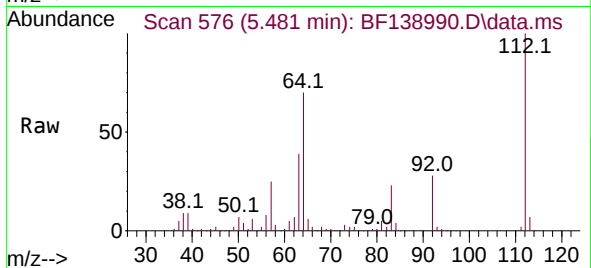
#5
2-Fluorophenol
Concen: 127.839 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162577BS

Tgt Ion:112 Resp: 396209
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 39.2 28.7 43.1

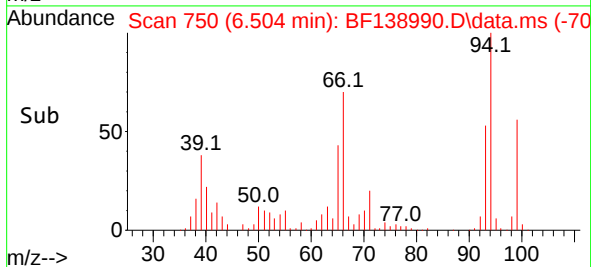
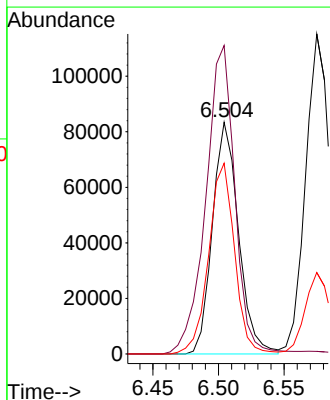
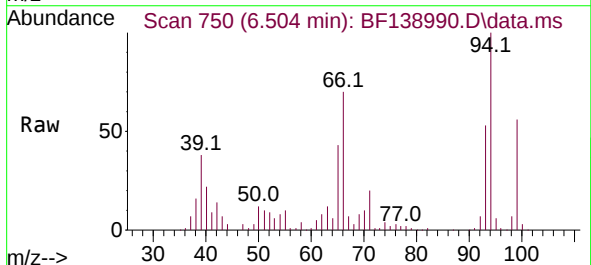
Manual Integrations
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#6
Aniline
Concen: 31.109 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

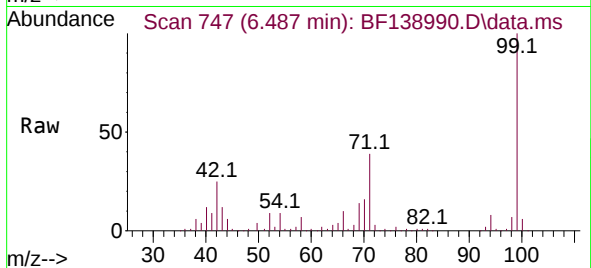
Tgt Ion: 93 Resp: 115443
Ion Ratio Lower Upper
93 100
66 133.2 46.9 70.3#
65 82.3 26.5 39.7#





#7
Phenol-d6
Concen: 126.600 ng
RT: 6.487 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

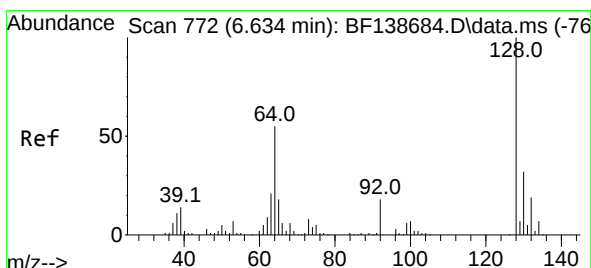
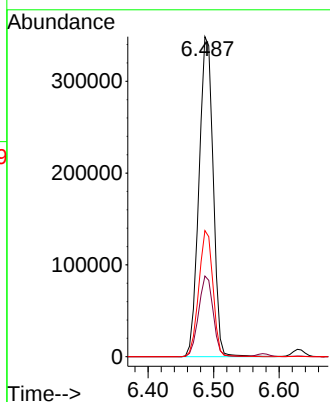
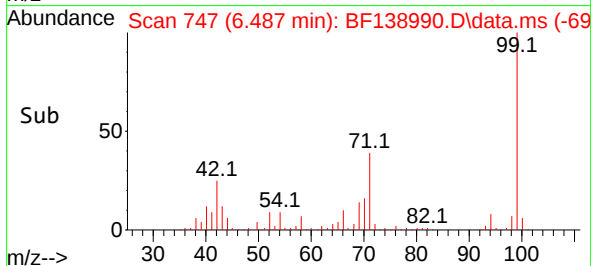
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BNA_F
ClientSampleId :
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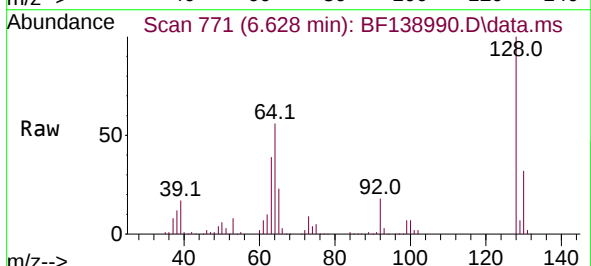
Tgt Ion: 99 Resp: 52679
Ion Ratio Lower Upper
99 100
42 25.2 17.4 26.0
71 39.4 28.1 42.1

Manual Integrations
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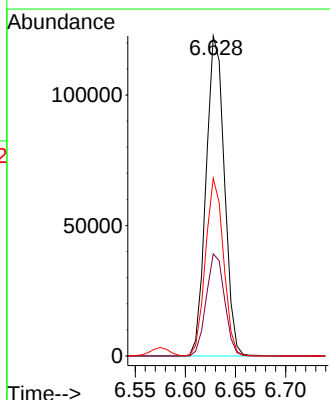
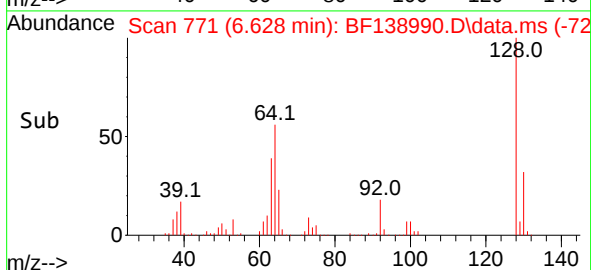
Reviewed By :Yogesh Patel 08/15/2024
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#8
2-Chlorophenol
Concen: 47.904 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion:128 Resp: 156204
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 55.5 36.3 76.3





#9
Benzaldehyde
Concen: 29.233 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

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ClientSampleId :

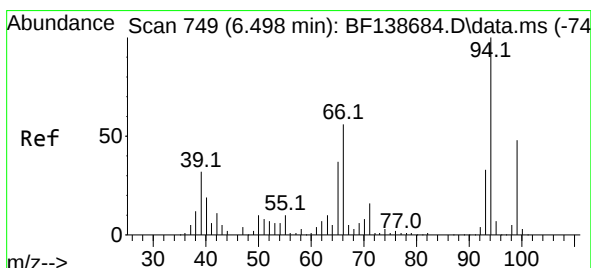
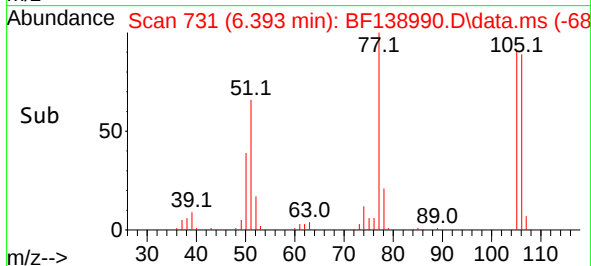
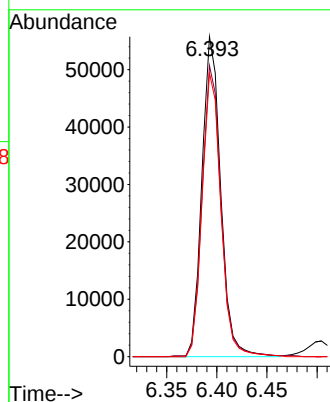
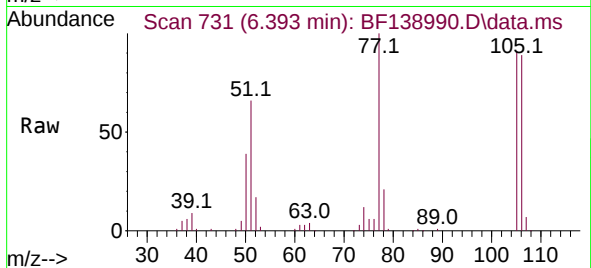
PB162577BS

Tgt Ion: 77 Resp: 72919
Ion Ratio Lower Upper
77 100
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106 88.6 68.4 108.4

Manual Integrations

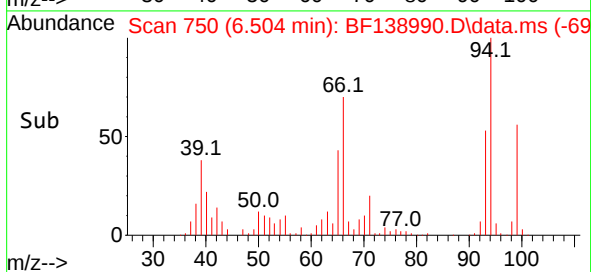
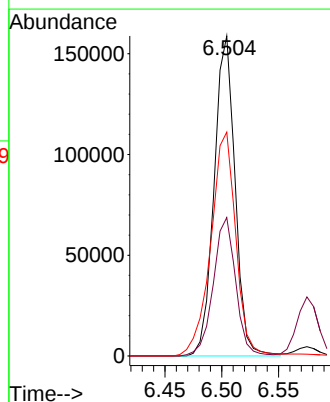
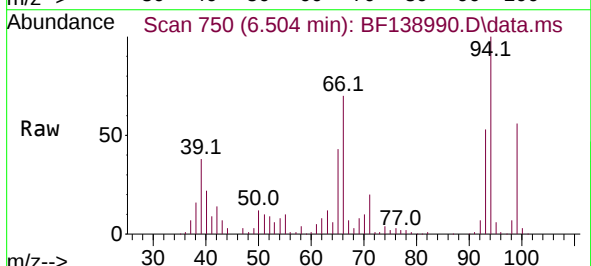
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Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#10
Phenol
Concen: 46.531 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion: 94 Resp: 203859
Ion Ratio Lower Upper
94 100
65 43.2 16.9 56.9
66 69.9 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 44.233 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

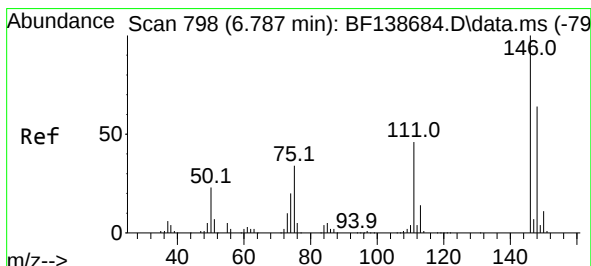
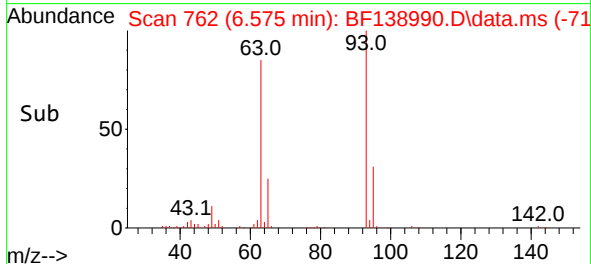
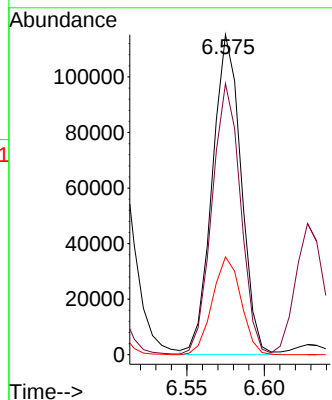
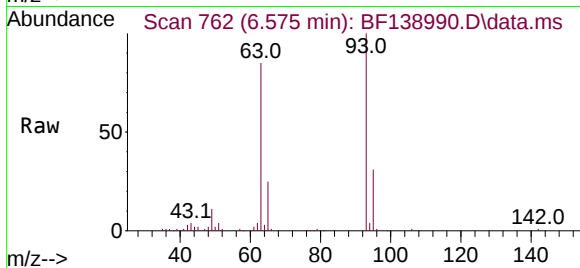
PB162577BS

Tgt Ion: 93 Resp: 149129
Ion Ratio Lower Upper
93 100
63 84.7 65.3 105.3
95 30.6 12.4 52.4

Manual Integrations

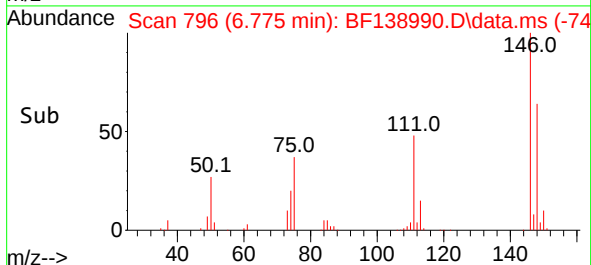
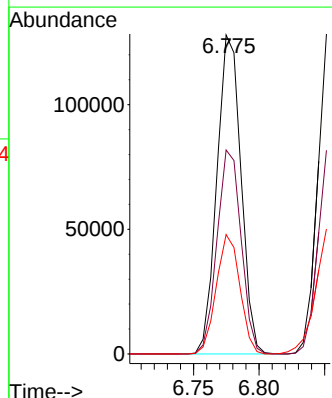
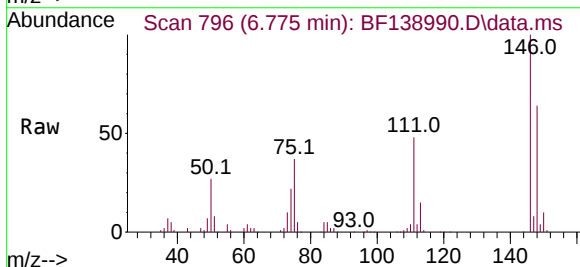
APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#12
1,3-Dichlorobenzene
Concen: 44.632 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:146 Resp: 162910
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 37.4 27.4 41.2





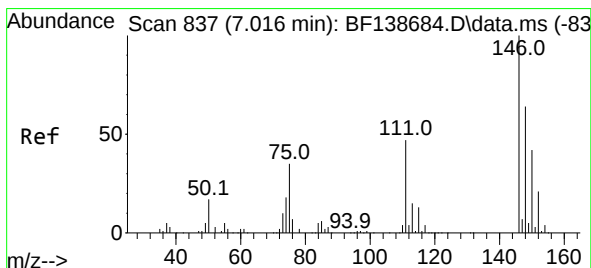
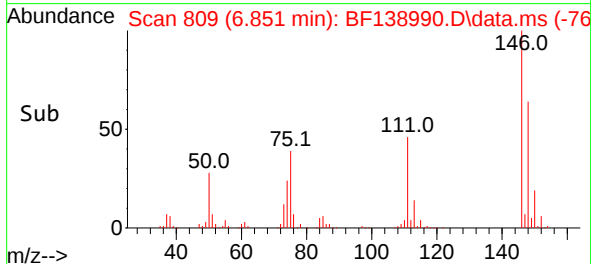
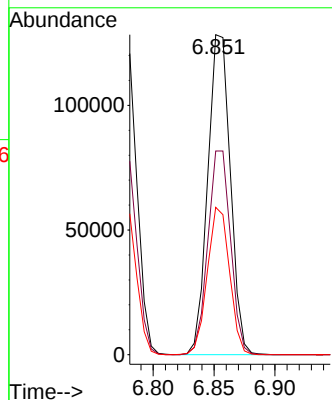
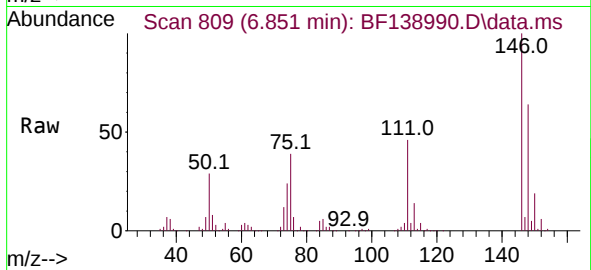
#13
1,4-Dichlorobenzene
Concen: 45.017 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162577BS

Tgt Ion:146 Resp: 165823
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 46.1 35.9 53.9

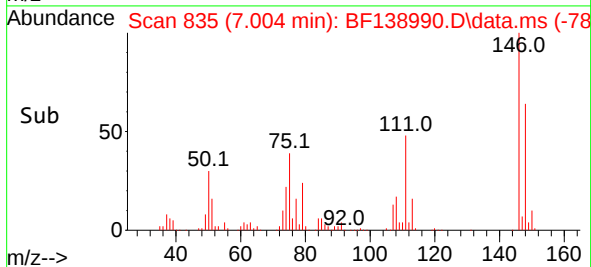
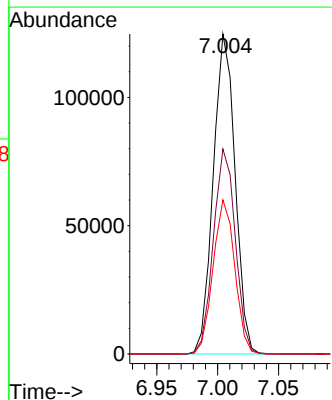
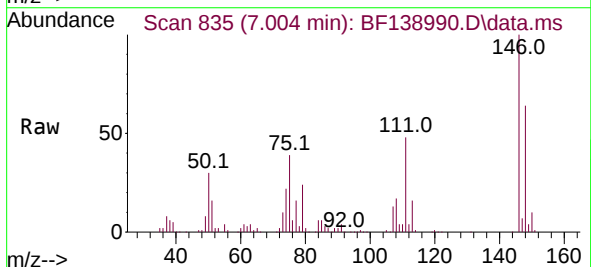
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#14
1,2-Dichlorobenzene
Concen: 45.109 ng
RT: 7.004 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

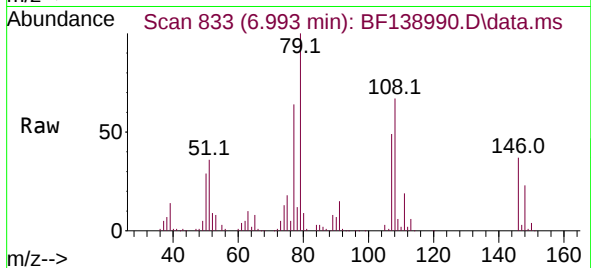
Tgt Ion:146 Resp: 155291
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 48.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.400 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

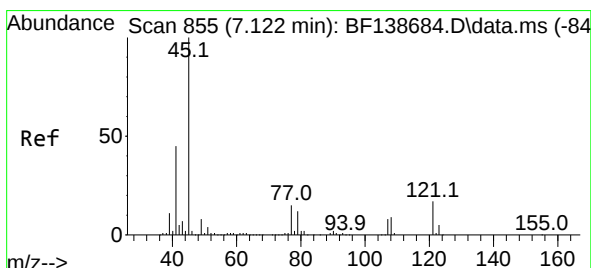
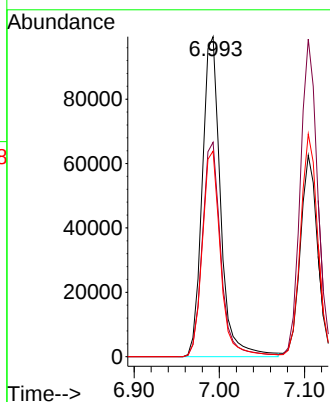
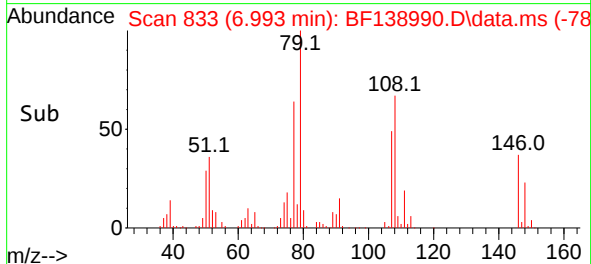
Instrument :
BNA_F
ClientSampleId :
PB162577BS



Tgt Ion: 79 Resp: 14815
Ion Ratio Lower Upper
79 100
108 67.0 56.6 85.0
77 64.3 50.3 75.5

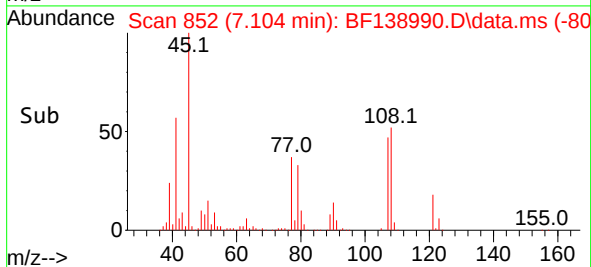
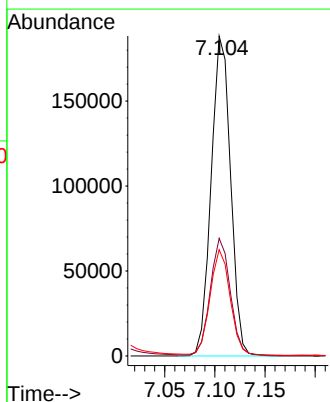
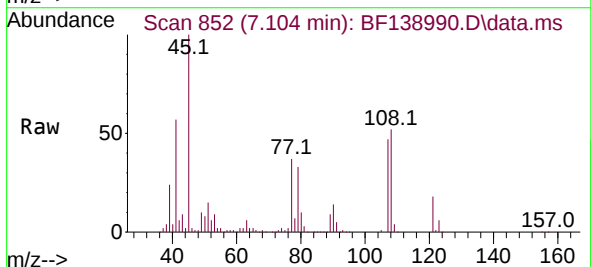
Manual Integrations
APPROVED

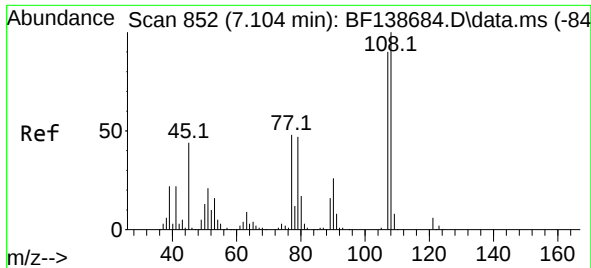
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.522 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion: 45 Resp: 252520
Ion Ratio Lower Upper
45 100
77 36.7 0.0 34.9#
79 33.2 0.0 32.2#





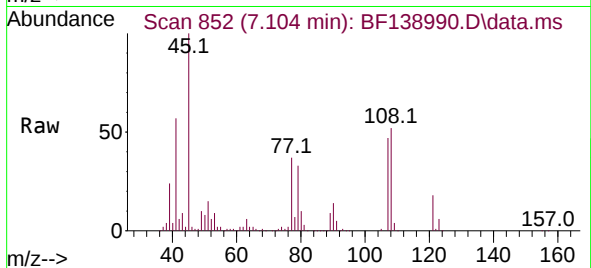
#17
2-Methylphenol
Concen: 45.930 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

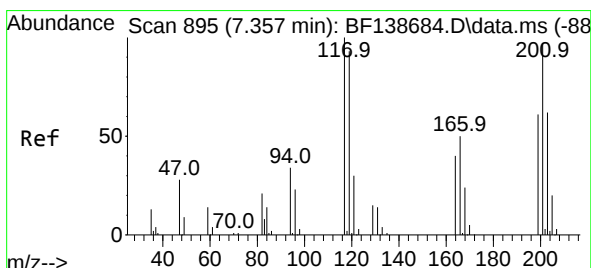
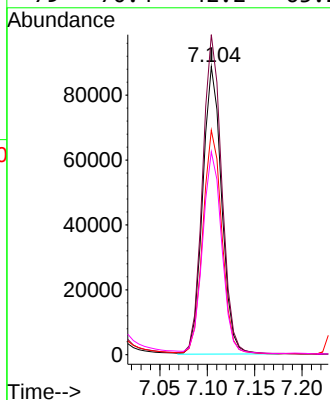
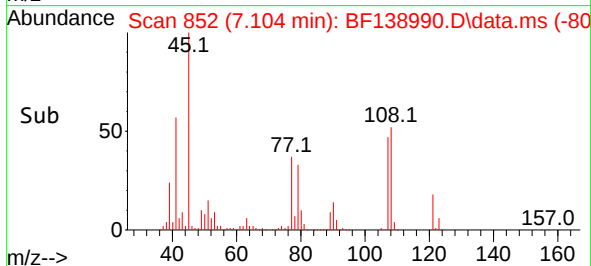


Tgt Ion:107 Resp: 123669
Ion Ratio Lower Upper
107 100
108 111.1 89.2 133.8
77 77.9 43.0 64.4
79 70.4 42.2 63.2#

Manual Integrations

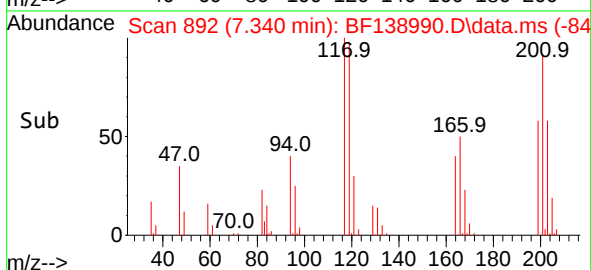
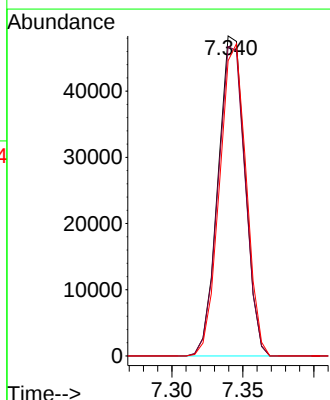
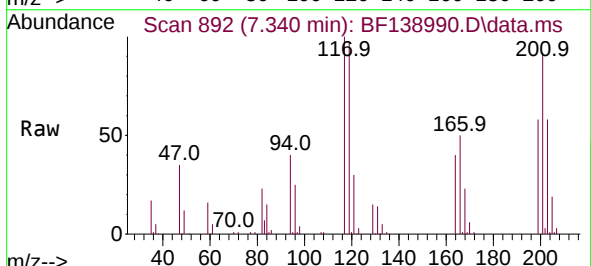
APPROVED

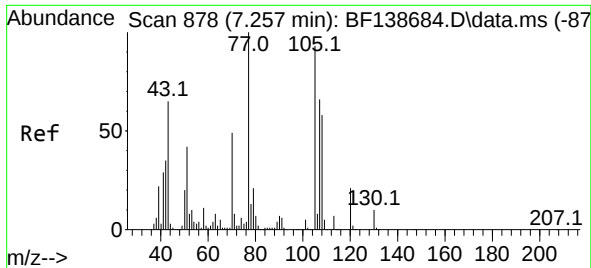
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#18
Hexachloroethane
Concen: 45.917 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:117 Resp: 63667
Ion Ratio Lower Upper
117 100
119 96.7 74.6 111.8
201 92.2 77.2 115.8





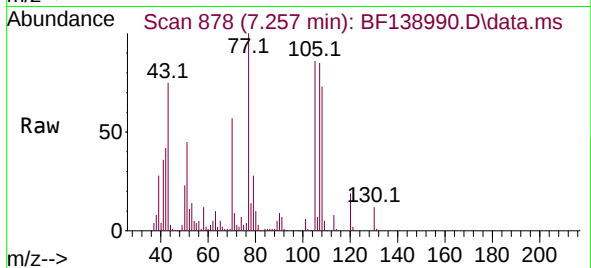
#19
n-Nitroso-di-n-propylamine
Concen: 48.549 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



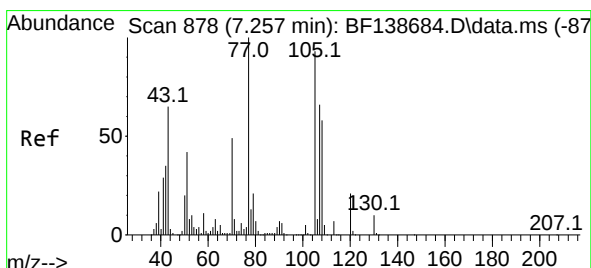
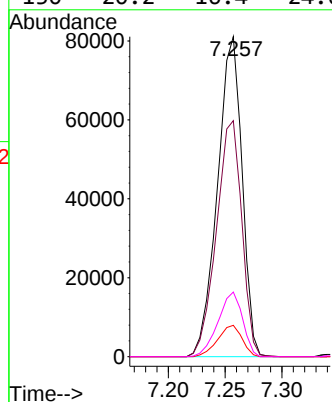
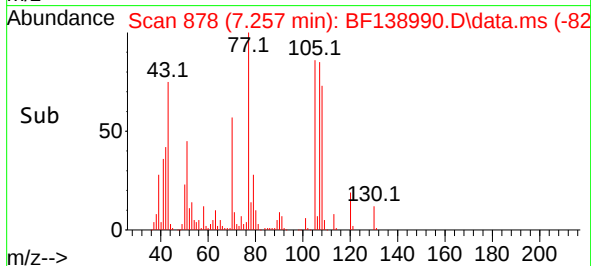
Tgt Ion: 70 Resp: 122014
Ion Ratio Lower Upper
70 100
42 73.8 57.4 86.0
101 9.8 7.5 11.3
130 20.2 16.4 24.6

Manual Integrations

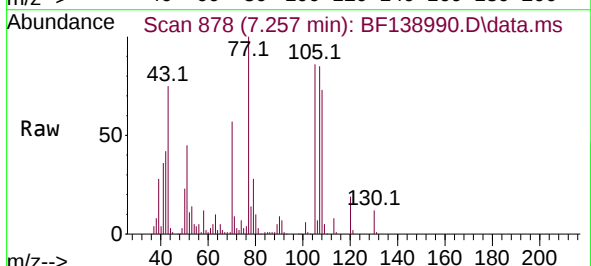
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

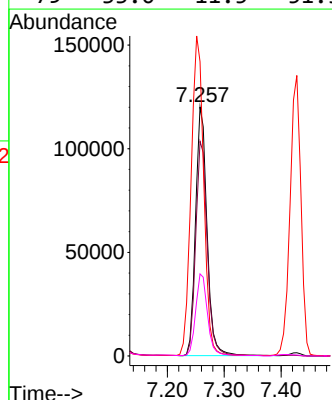
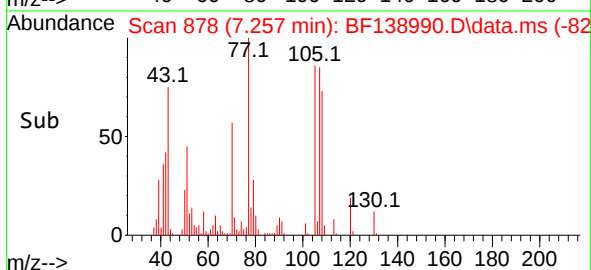
Supervised By :mohammad ahmed 08/16/2024

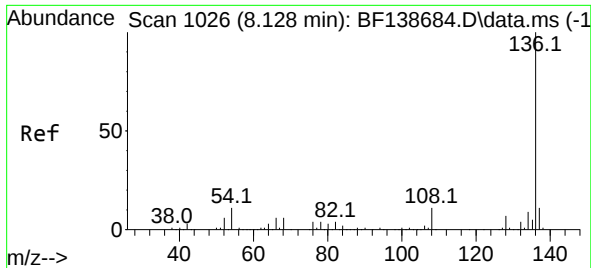


#20
3+4-Methylphenols
Concen: 48.726 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion:107 Resp: 168332
Ion Ratio Lower Upper
107 100
108 86.2 68.2 108.2
77 118.2 132.1 172.1#
79 33.0 11.5 51.5





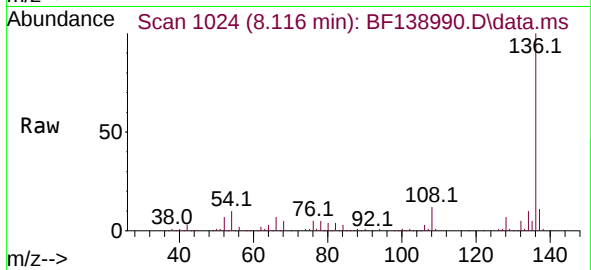
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



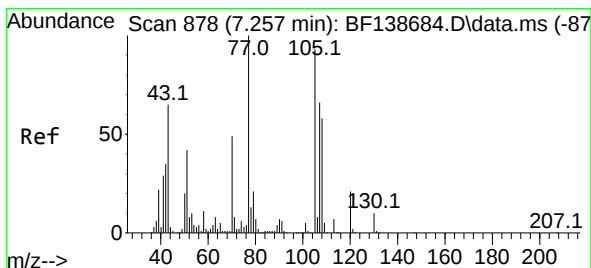
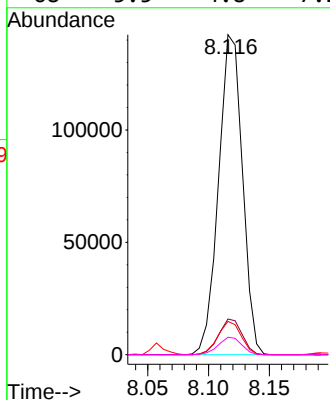
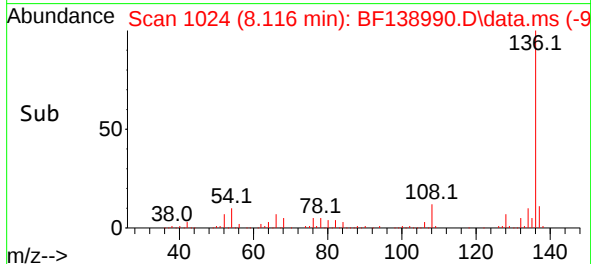
Tgt Ion:136 Resp: 19448
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.4 8.6 12.8
68 5.5 4.8 7.2

Manual Integrations

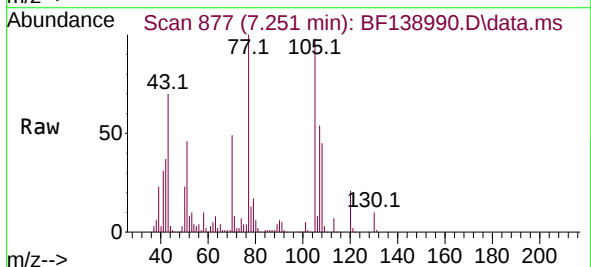
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

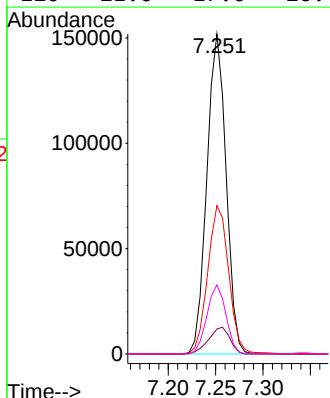
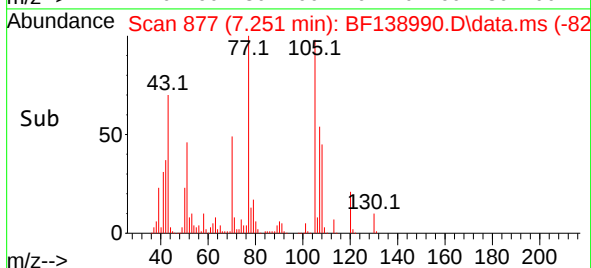
Supervised By :mohammad ahmed 08/16/2024

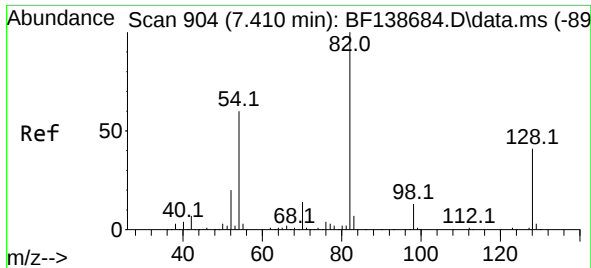


#22
Acetophenone
Concen: 44.936 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion:105 Resp: 213982
Ion Ratio Lower Upper
105 100
71 7.8 7.2 10.8
51 46.3 35.9 53.9
120 21.6 17.6 26.4





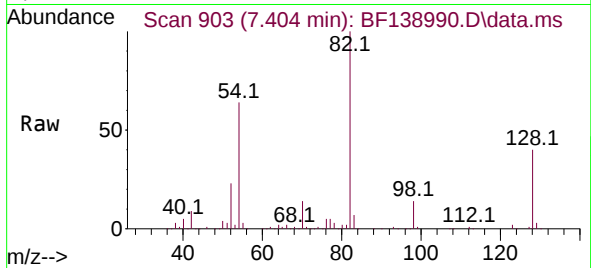
#23
Nitrobenzene-d5
Concen: 87.222 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

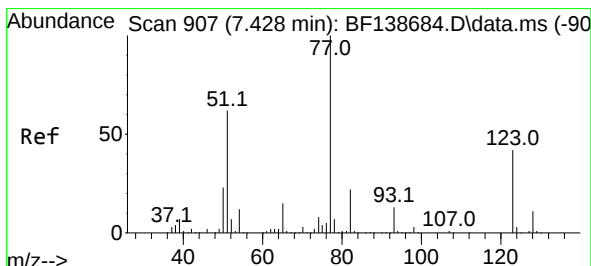
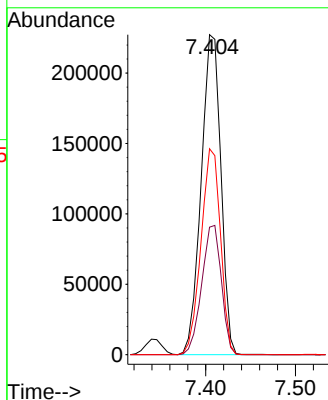
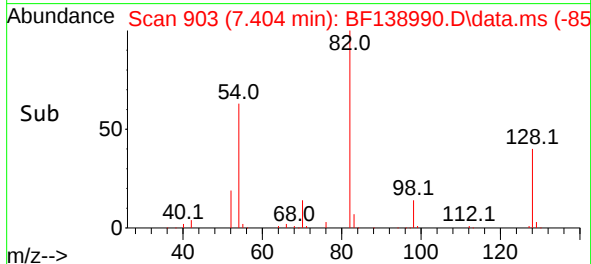


Tgt Ion: 82 Resp: 346950
Ion Ratio Lower Upper
82 100
128 39.9 32.8 49.2
54 64.3 48.3 72.5

Manual Integrations

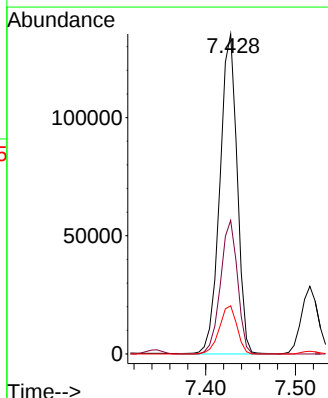
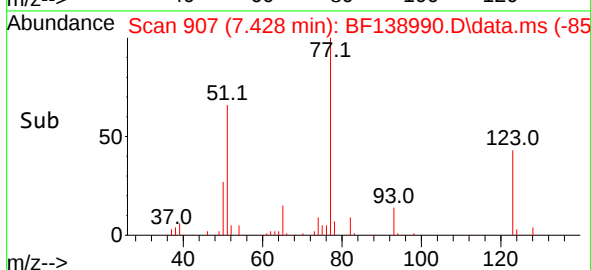
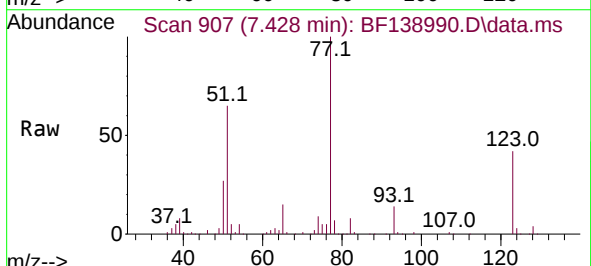
APPROVED

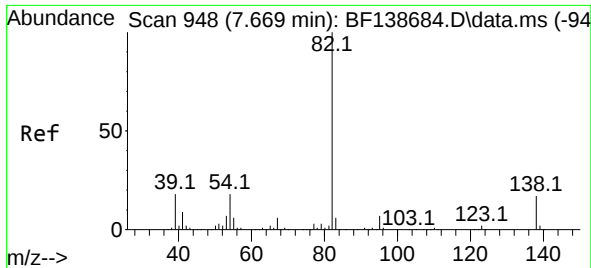
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#24
Nitrobenzene
Concen: 44.733 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

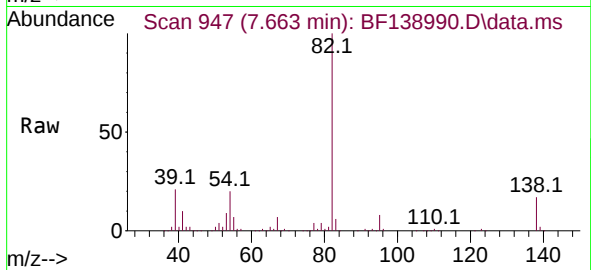
Tgt Ion: 77 Resp: 181069
Ion Ratio Lower Upper
77 100
123 41.7 33.3 49.9
65 15.0 11.9 17.9





#25
Isophorone
Concen: 46.425 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

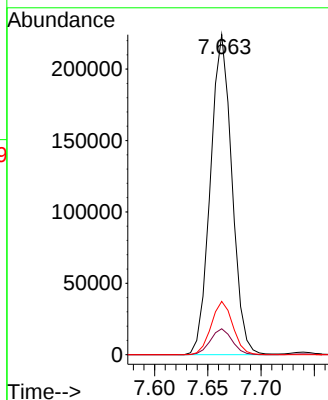
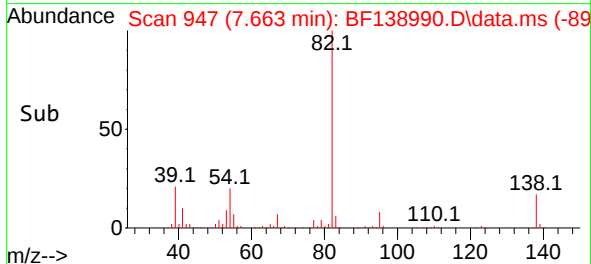
Instrument :
BNA_F
ClientSampleId :
PB162577BS



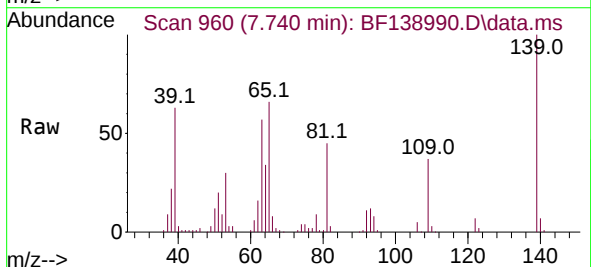
Tgt Ion: 82 Resp: 31533
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.6 13.7 20.5

Manual Integrations
APPROVED

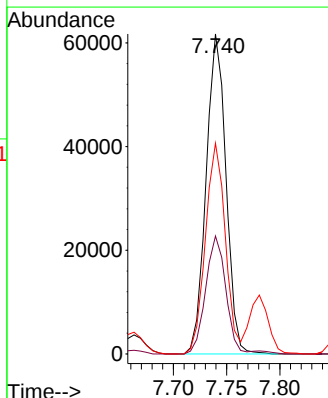
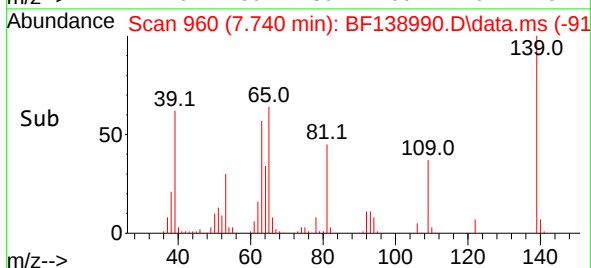
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

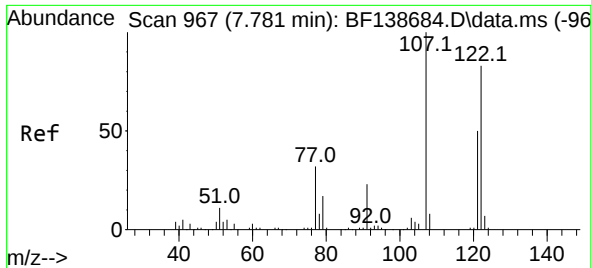


#26
2-Nitrophenol
Concen: 46.077 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion:139 Resp: 80242
Ion Ratio Lower Upper
139 100
109 36.8 25.9 38.9
65 65.8 47.0 70.6





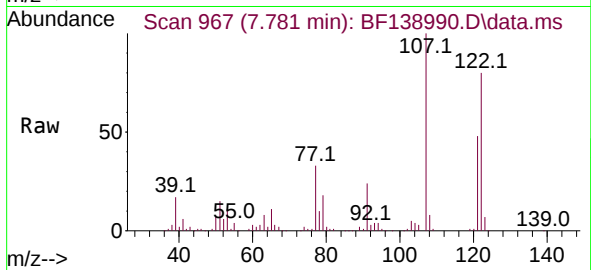
#27
2,4-Dimethylphenol
Concen: 51.450 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



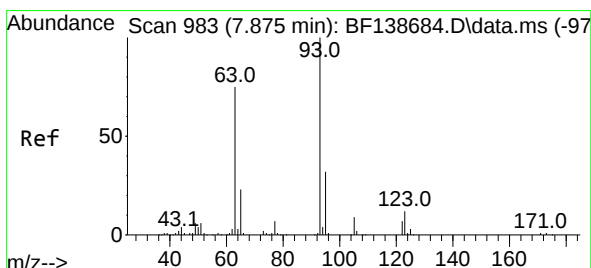
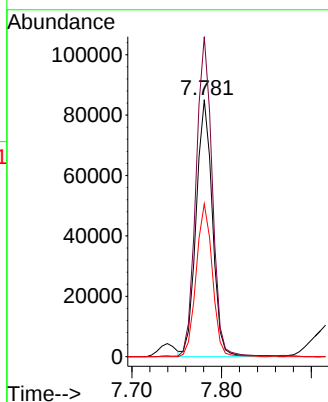
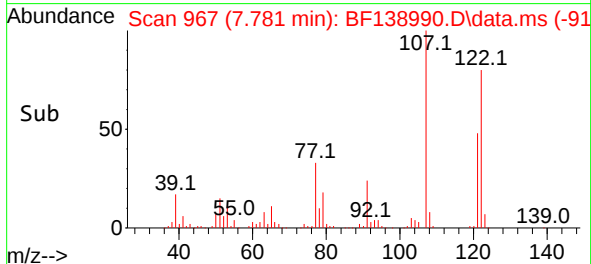
Tgt Ion:122 Resp: 10720
Ion Ratio Lower Upper
122 100
107 124.6 95.0 142.6
121 59.5 47.3 70.9

Manual Integrations

APPROVED

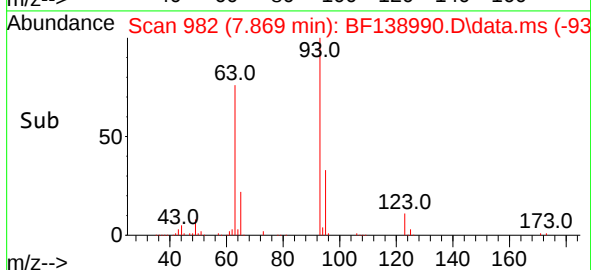
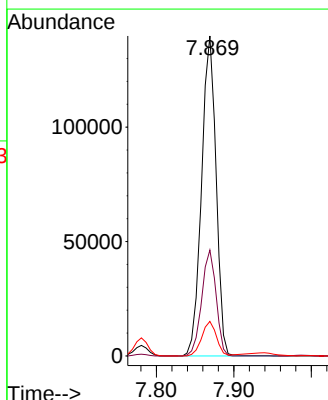
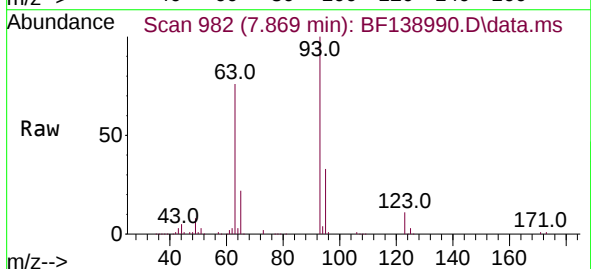
Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.049 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion: 93 Resp: 182202
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.296 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

Tgt Ion:162 Resp: 129309

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

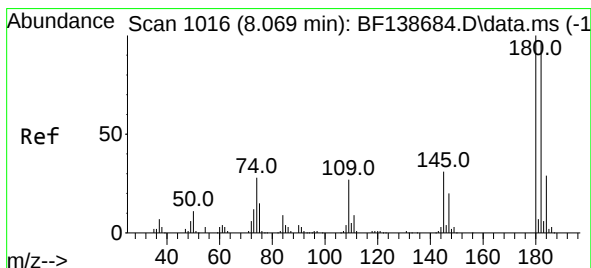
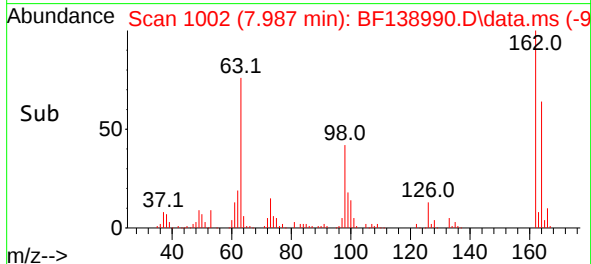
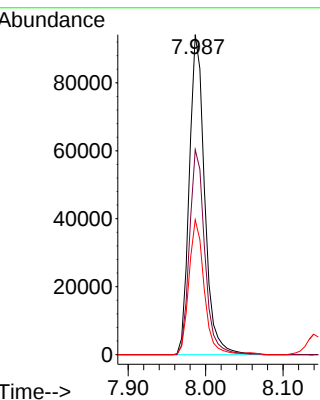
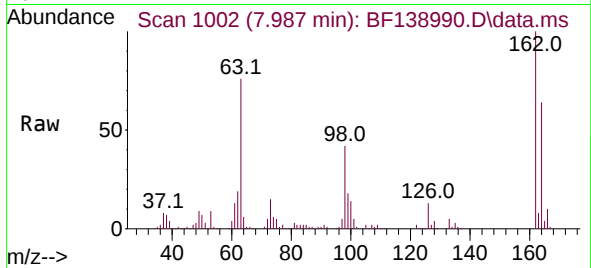
98 42.2 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.913 ng

RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

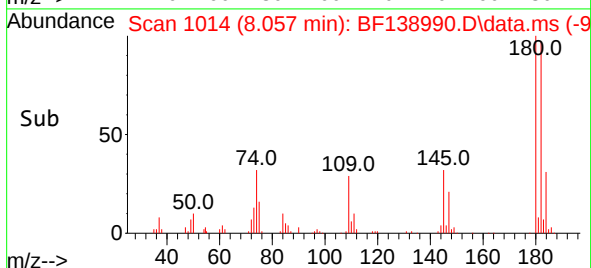
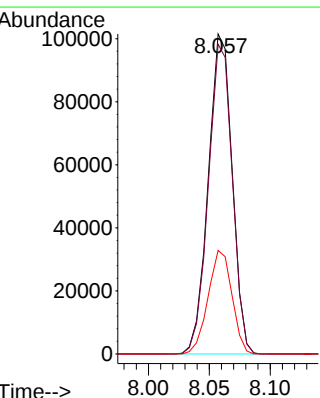
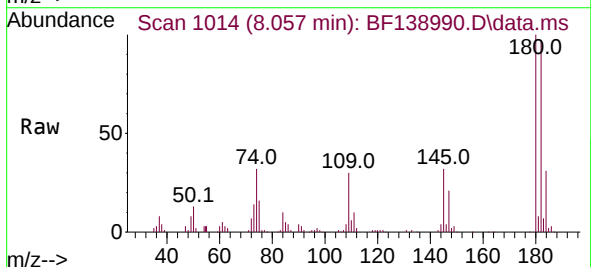
Tgt Ion:180 Resp: 138773

Ion Ratio Lower Upper

180 100

182 96.7 76.9 115.3

145 32.4 25.0 37.4





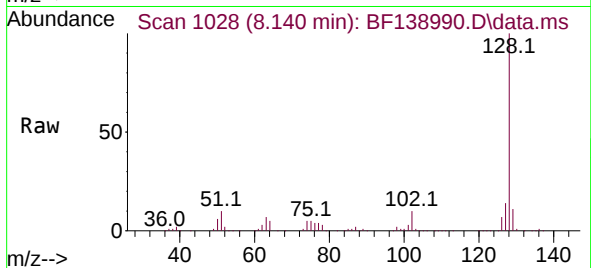
#31
Naphthalene
Concen: 44.913 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.011 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

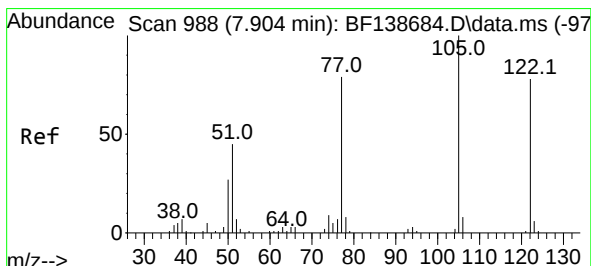
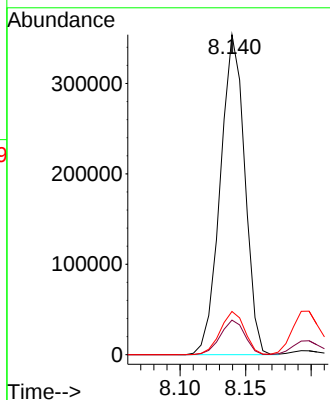
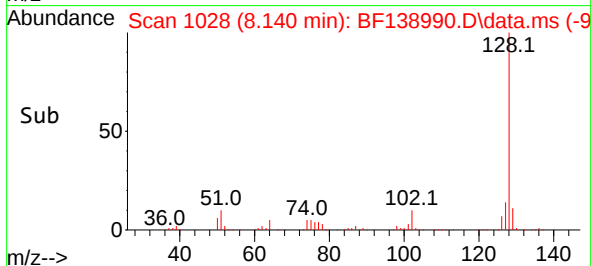


Tgt Ion:128 Resp: 459770
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.6 16.0

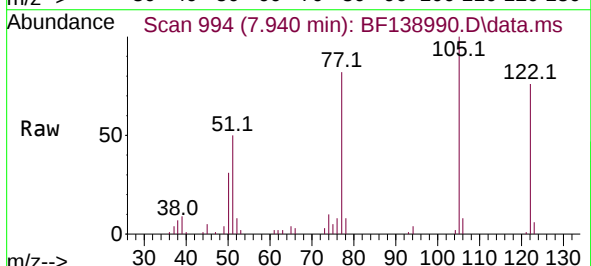
Manual Integrations

APPROVED

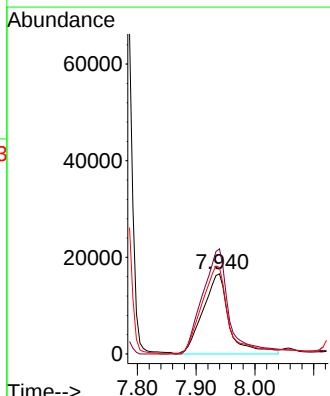
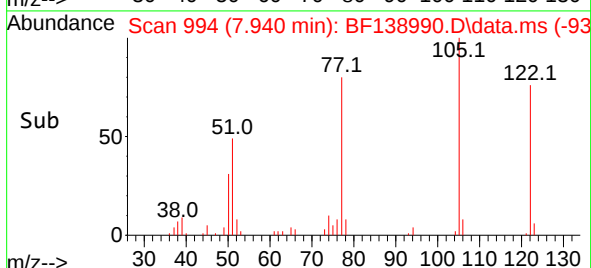
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#32
Benzoic acid
Concen: 31.460 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.036 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion:122 Resp: 51527
Ion Ratio Lower Upper
122 100
105 131.3 106.7 146.7
77 108.2 81.1 121.1





#33

4-Chloroaniline

Concen: 25.784 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

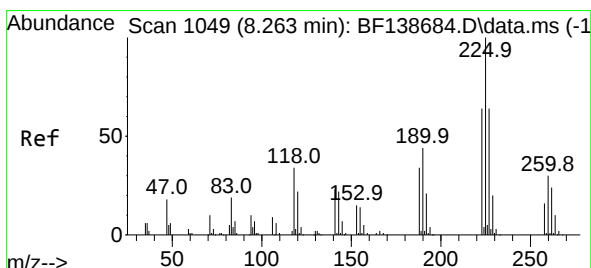
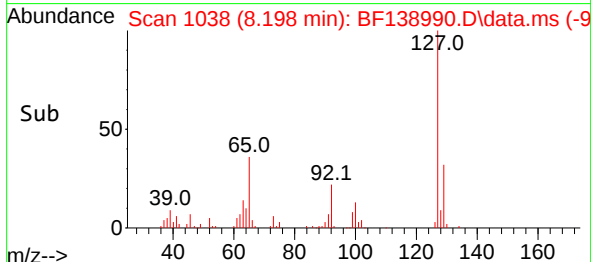
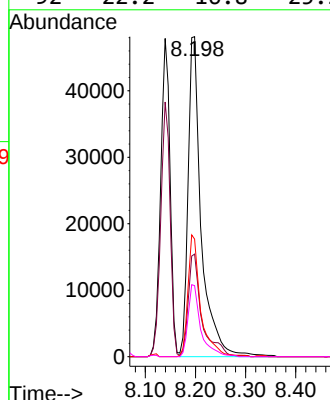
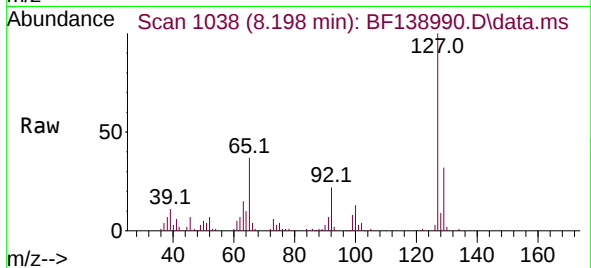
Tgt Ion:	127	Resp:	8860
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.9	38.9
65	36.8	27.6	41.4
92	22.2	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#34

Hexachlorobutadiene

Concen: 45.730 ng

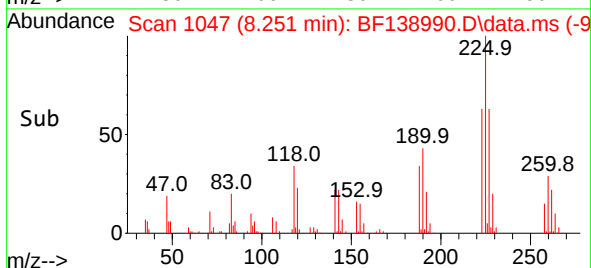
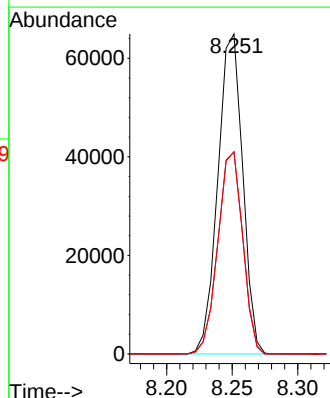
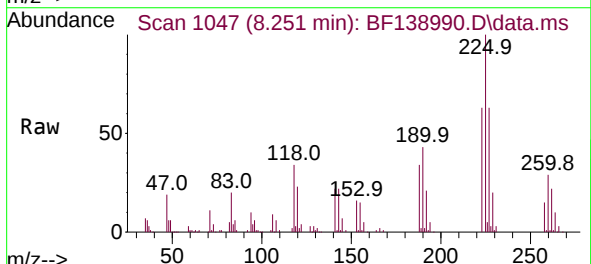
RT: 8.251 min Scan# 1047

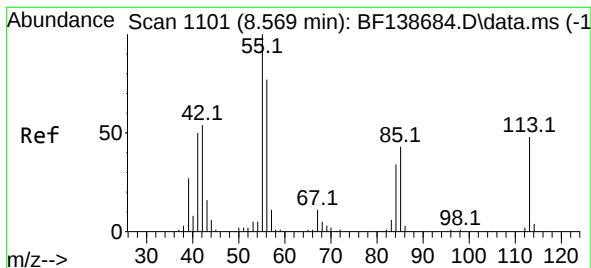
Delta R.T. -0.012 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Tgt Ion:	225	Resp:	85583
Ion Ratio	Lower	Upper	
225	100		
223	63.1	51.2	76.8
227	63.2	51.1	76.7





#35

Caprolactam

Concen: 48.112 ng m

RT: 8.581 min Scan# 1103

Delta R.T. 0.012 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

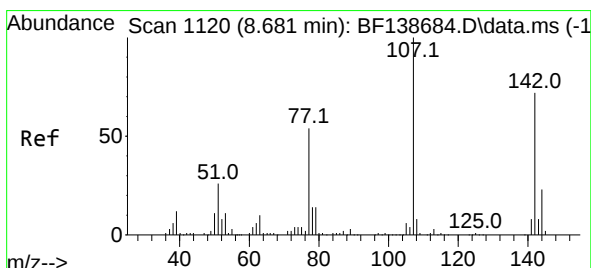
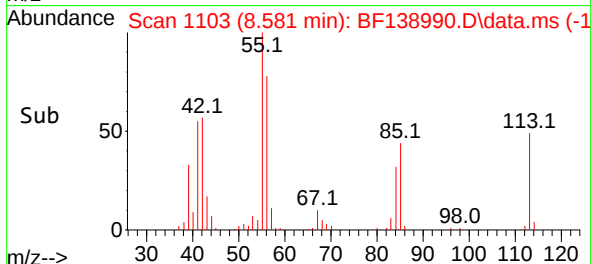
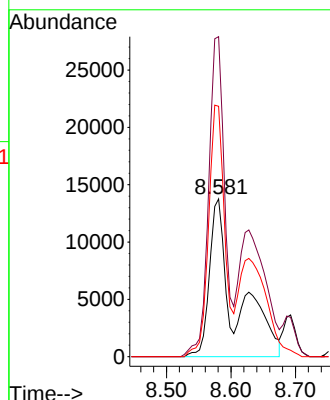
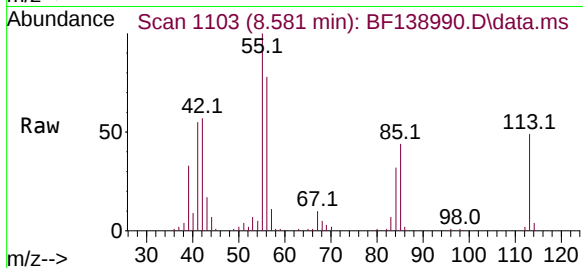
Tgt Ion:	113	Resp:	3843
Ion	Ratio	Lower	Upper
113	100		
55	202.8	186.7	226.7
56	158.8	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#36

4-Chloro-3-methylphenol

Concen: 48.593 ng

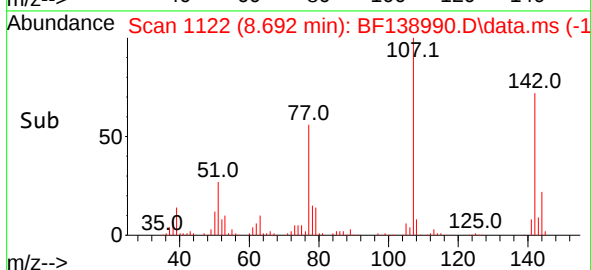
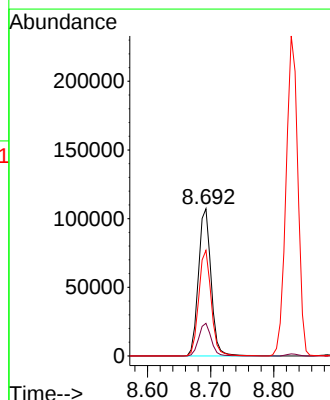
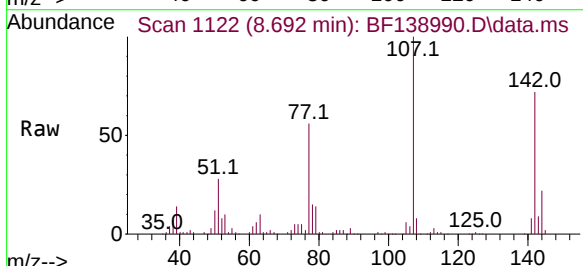
RT: 8.692 min Scan# 1122

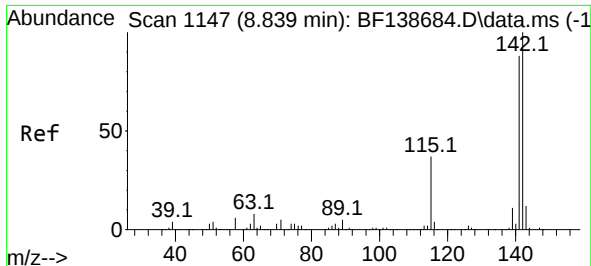
Delta R.T. 0.012 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Tgt Ion:	107	Resp:	148691
Ion	Ratio	Lower	Upper
107	100		
144	22.2	18.2	27.2
142	71.7	57.4	86.2





#37
2-Methylnaphthalene
Concen: 46.685 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

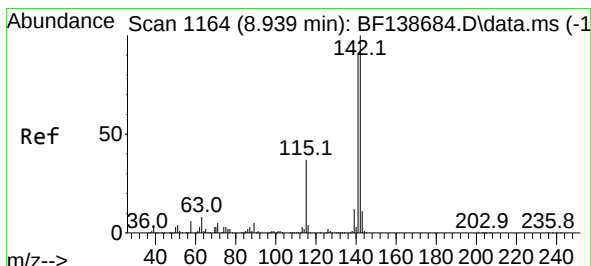
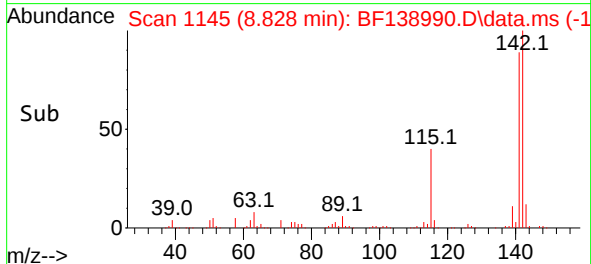
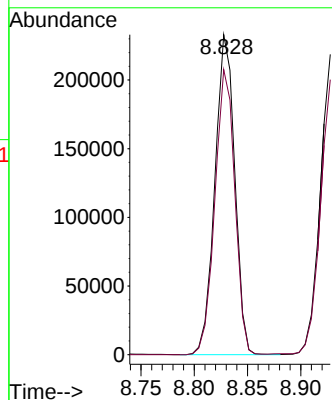
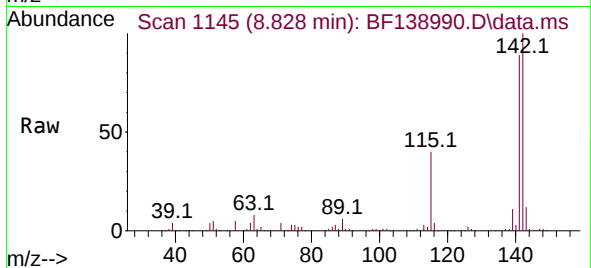
PB162577BS

Tgt Ion:142 Resp: 301820
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2

Manual Integrations

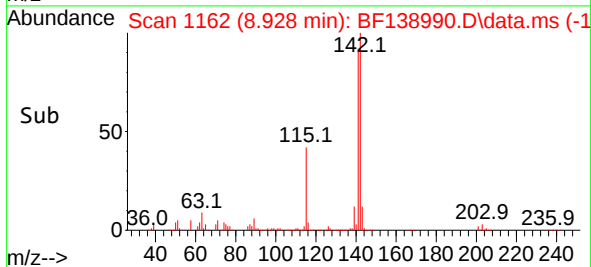
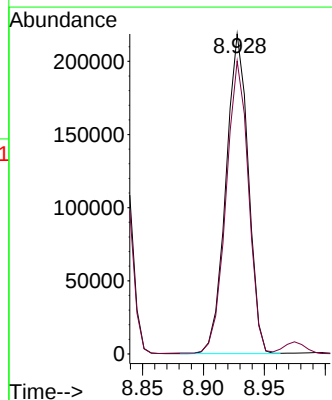
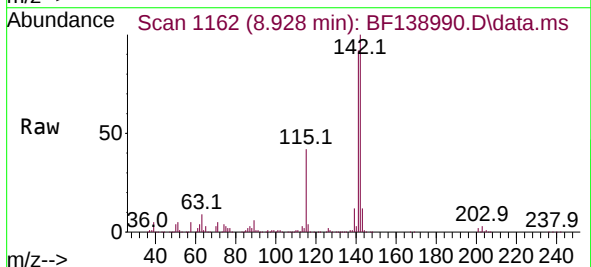
APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#38
1-Methylnaphthalene
Concen: 44.110 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:142 Resp: 279450
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7





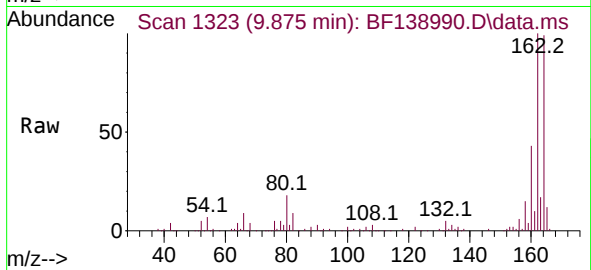
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

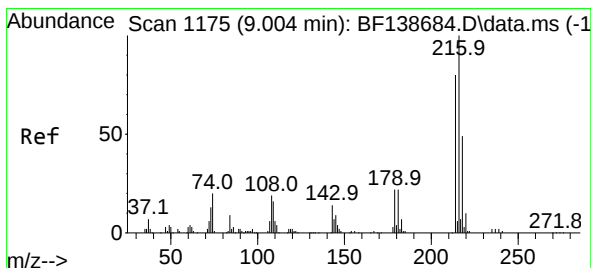
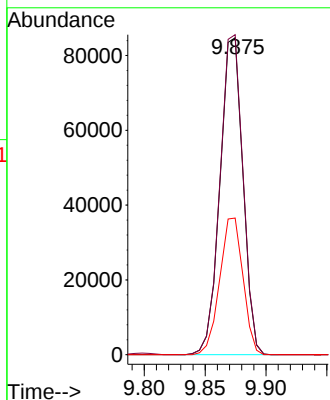
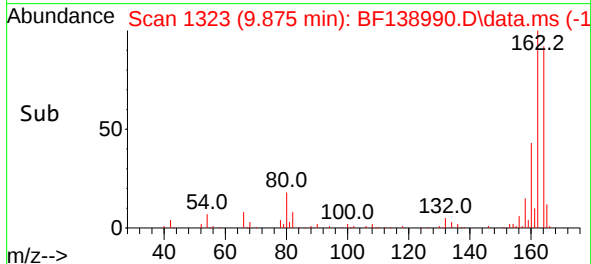


Tgt Ion:164 Resp: 111110
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 43.1 35.1 52.7

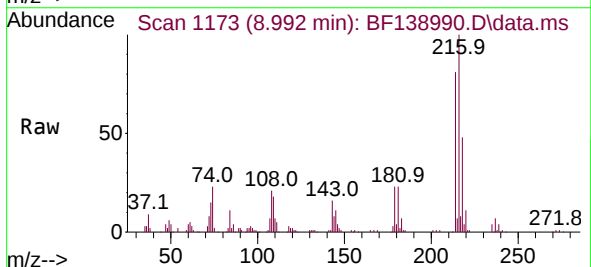
Manual Integrations

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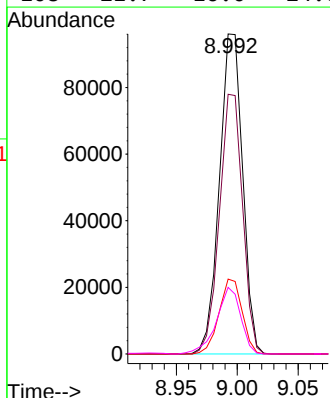
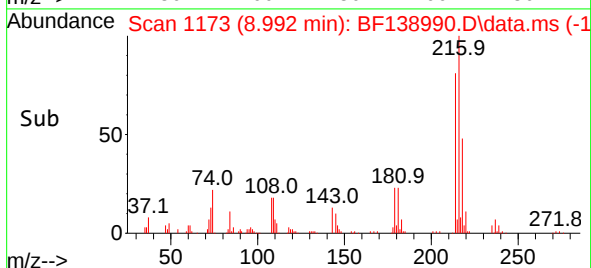
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.338 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



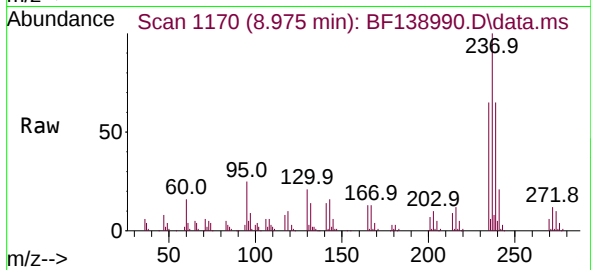
Tgt Ion:216 Resp: 127590
Ion Ratio Lower Upper
216 100
214 80.9 63.9 95.9
179 23.3 17.8 26.6
108 21.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 88.275 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

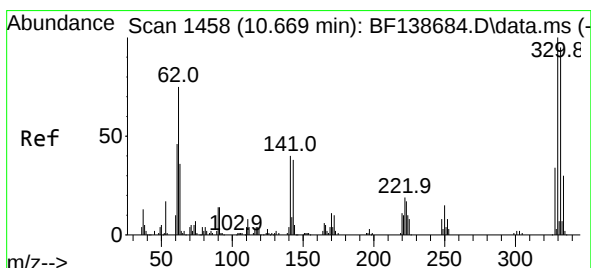
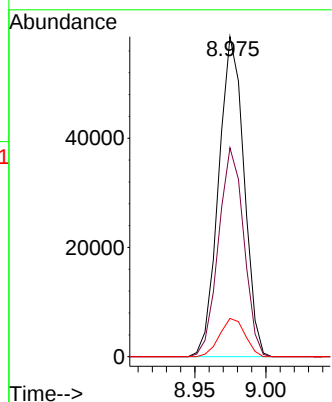
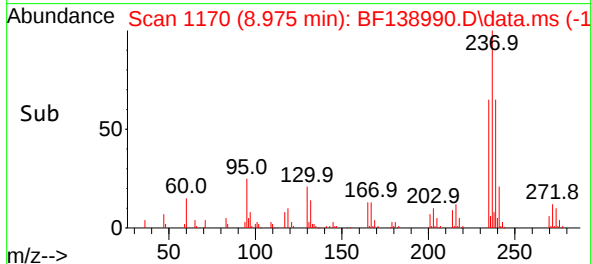
Instrument :
BNA_F
ClientSampleId :
PB162577BS



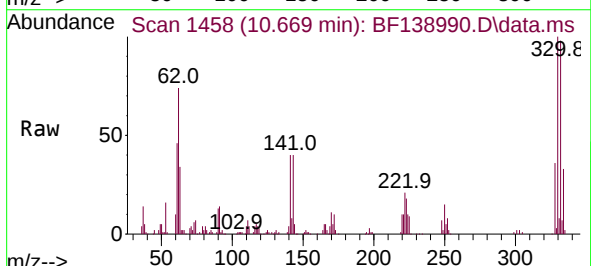
Tgt Ion: 237 Resp: 7276
Ion Ratio Lower Upper
237 100
235 65.3 41.8 81.8
272 12.0 0.0 32.2

Manual Integrations
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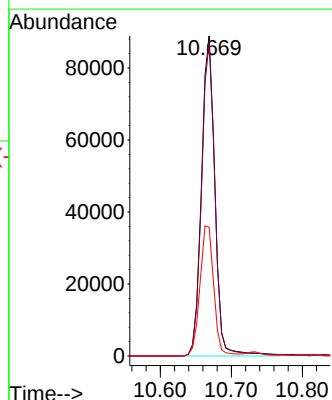
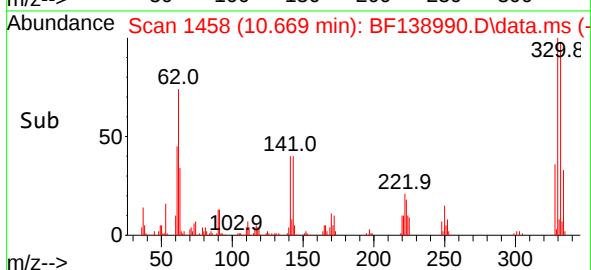
Reviewed By : Yogesh Patel 08/15/2024
Supervised By : mohammad ahmed 08/16/2024



#42
2,4,6-Tribromophenol
Concen: 129.166 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



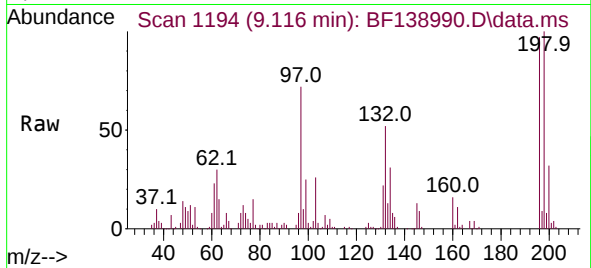
Tgt Ion: 330 Resp: 117559
Ion Ratio Lower Upper
330 100
332 98.2 76.4 114.6
141 41.7 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 43.479 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

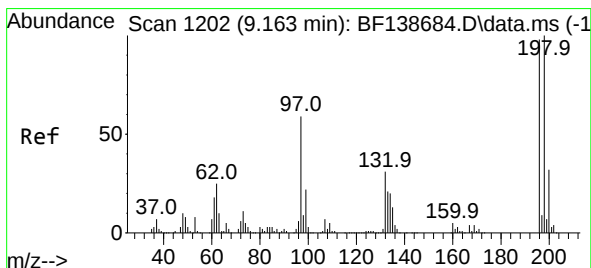
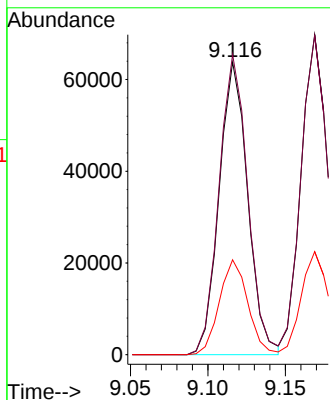
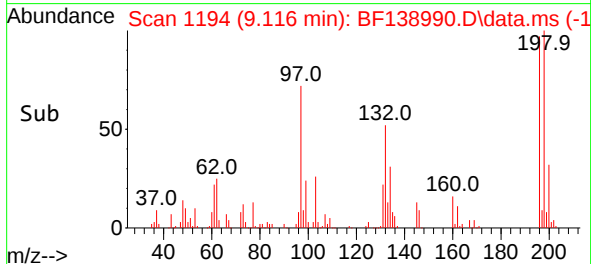
Instrument :
BNA_F
ClientSampleId :
PB162577BS



Tgt Ion:196 Resp: 8182
Ion Ratio Lower Upper
196 100
198 102.6 80.5 120.7
200 32.4 25.9 38.9

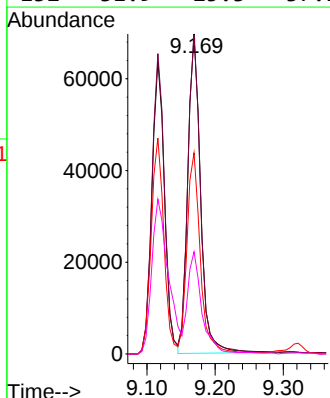
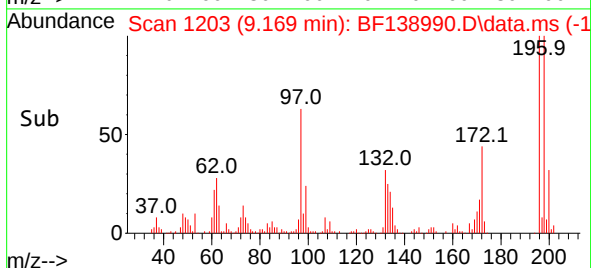
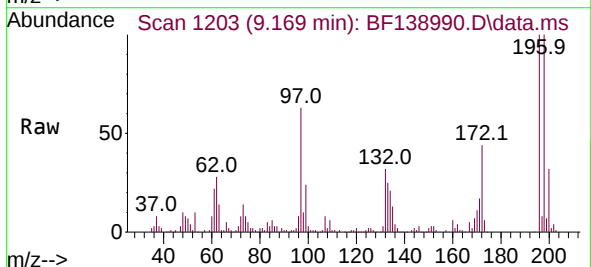
Manual Integrations
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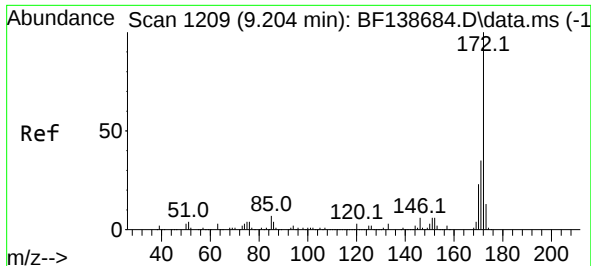
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#44
2,4,5-Trichlorophenol
Concen: 43.852 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:196 Resp: 90217
Ion Ratio Lower Upper
196 100
198 99.7 81.2 121.8
97 62.8 47.8 71.6
132 31.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 86.270 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138990.D

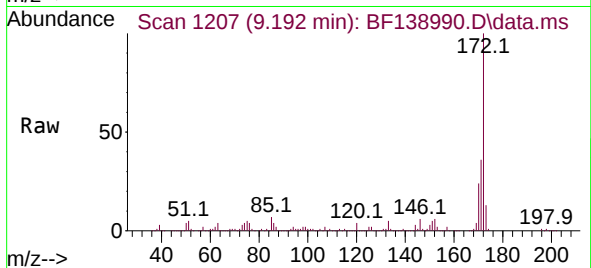
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



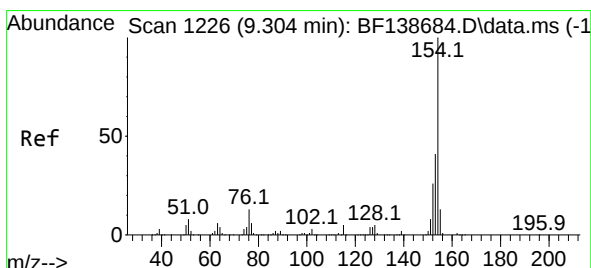
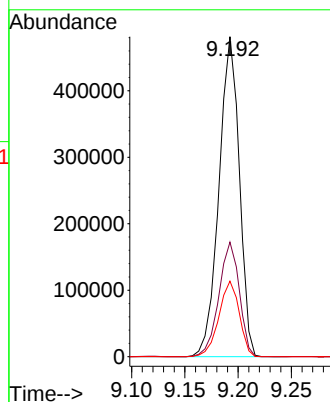
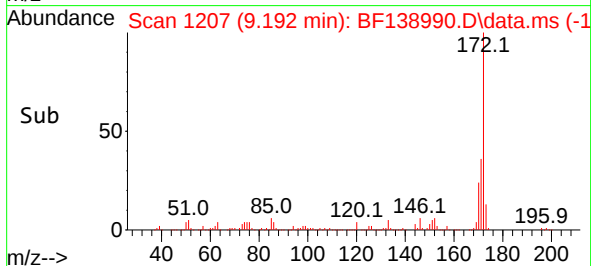
Tgt Ion:	172	Resp:	63797
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.3	42.5
170	23.6	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#46

1,1'-Biphenyl

Concen: 41.604 ng

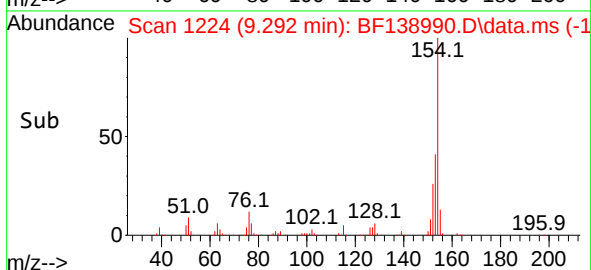
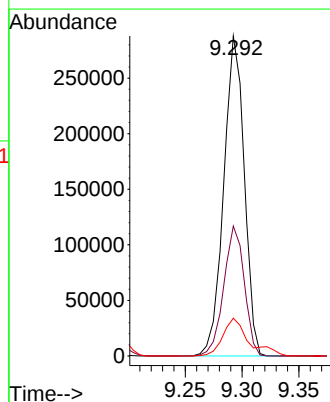
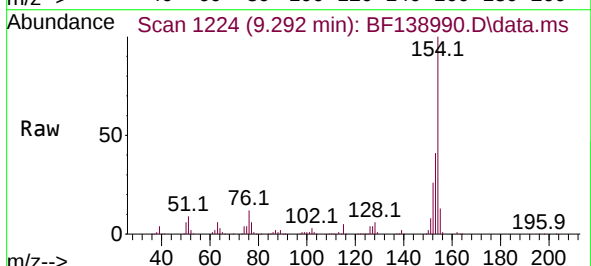
RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Tgt Ion:	154	Resp:	362034
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.8	60.8
76	11.8	0.0	32.8





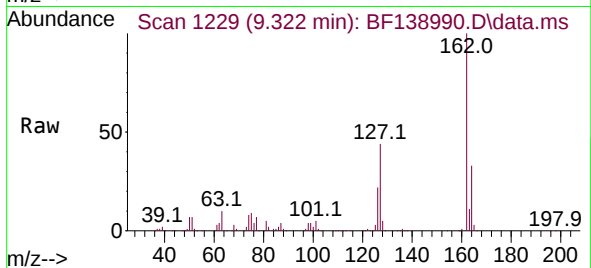
#47
2-Chloronaphthalene
Concen: 43.495 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

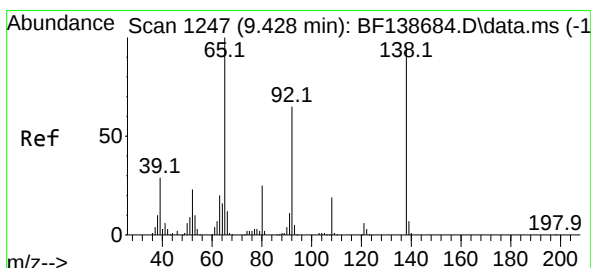
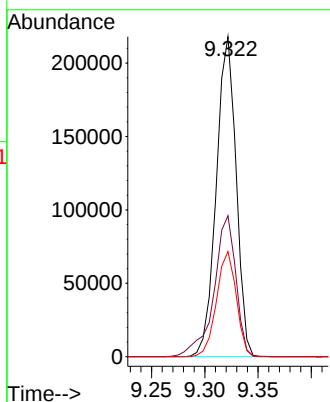
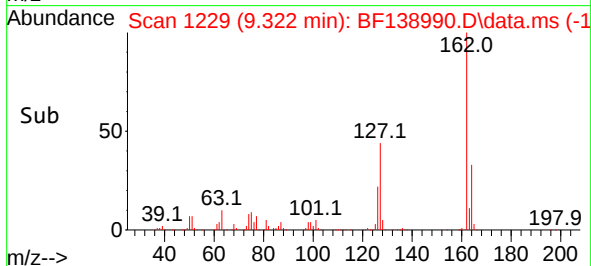
PB162577BS



Tgt Ion:162 Resp: 281494
Ion Ratio Lower Upper
162 100
127 44.0 35.4 53.2
164 32.8 25.6 38.4

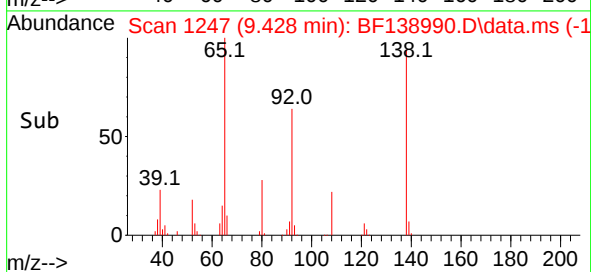
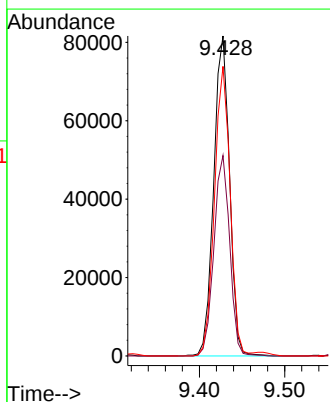
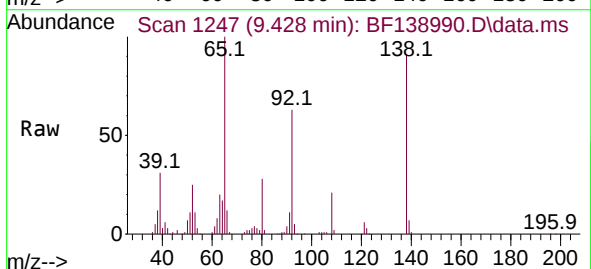
Manual Integrations
APPROVED

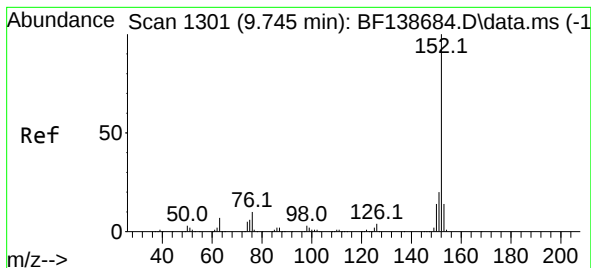
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#48
2-Nitroaniline
Concen: 48.052 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion: 65 Resp: 105429
Ion Ratio Lower Upper
65 100
92 62.6 52.0 78.0
138 90.5 76.2 114.4





#49

Acenaphthylene

Concen: 49.115 ng

RT: 9.734 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

Tgt Ion:152 Resp: 45083

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

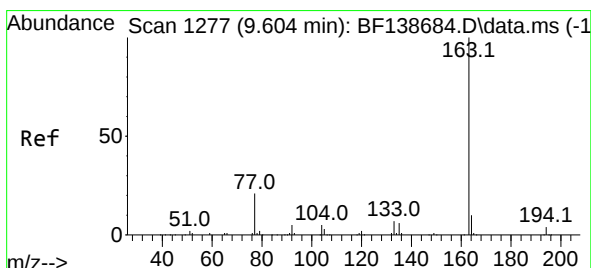
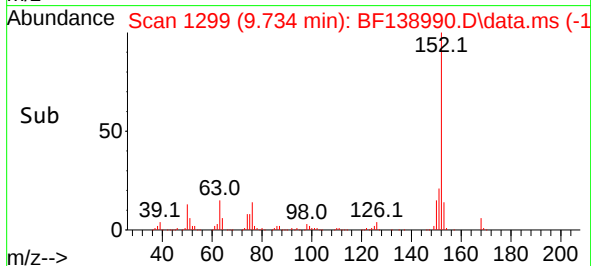
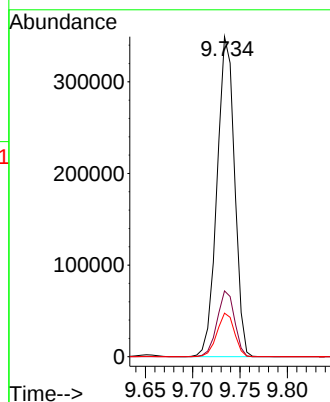
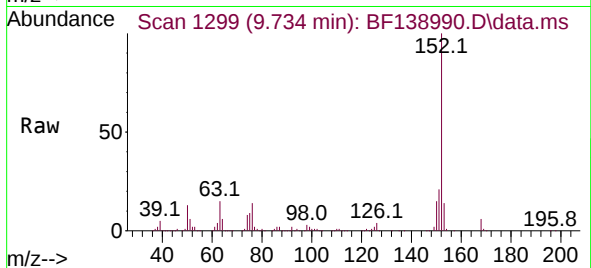
153 13.6 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#50

Dimethylphthalate

Concen: 48.278 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

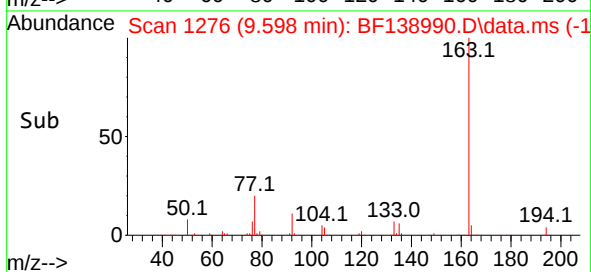
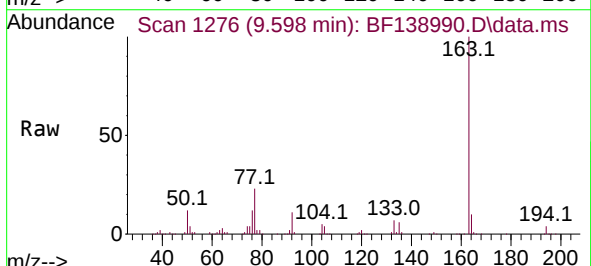
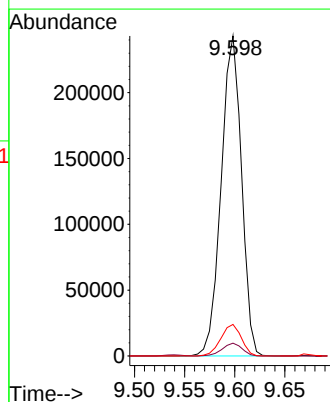
Tgt Ion:163 Resp: 342992

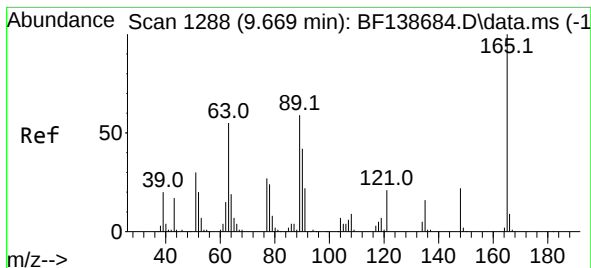
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 46.352 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

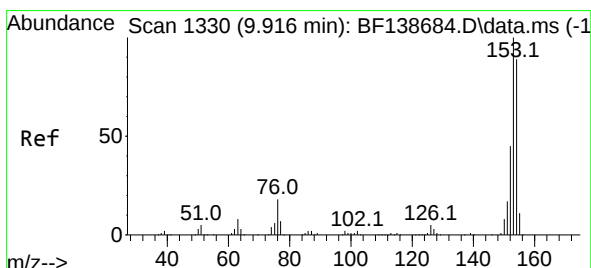
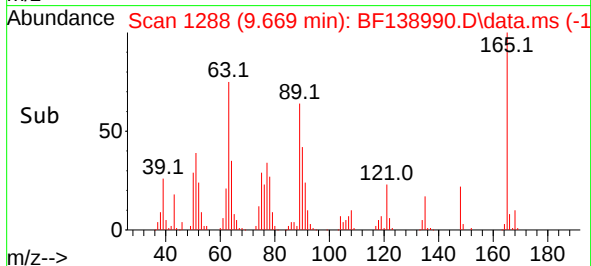
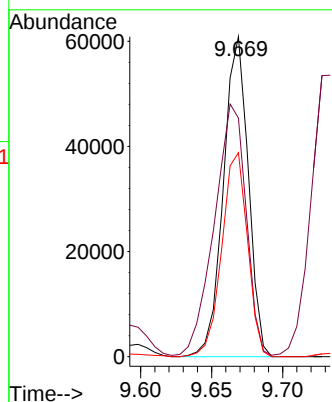
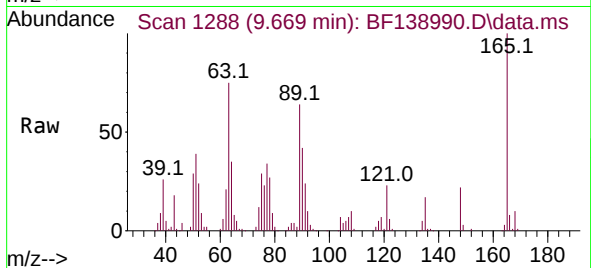
PB162577BS

Tgt Ion:165 Resp: 74319
Ion Ratio Lower Upper
165 100
63 74.5 52.0 78.0
89 63.8 47.0 70.6

Manual Integrations

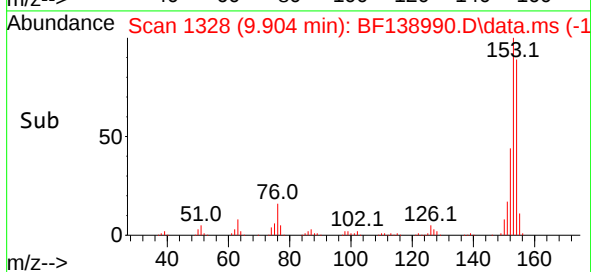
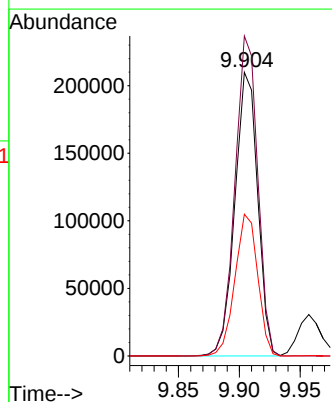
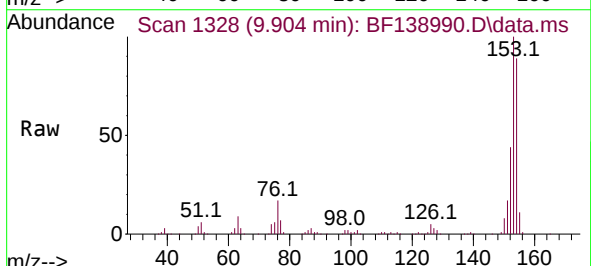
APPROVED

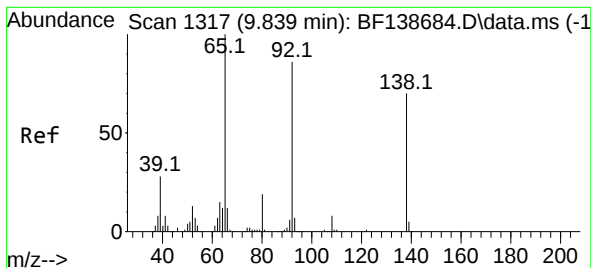
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#52
Acenaphthene
Concen: 44.347 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:154 Resp: 273638
Ion Ratio Lower Upper
154 100
153 112.8 89.9 134.9
152 50.0 40.6 60.8





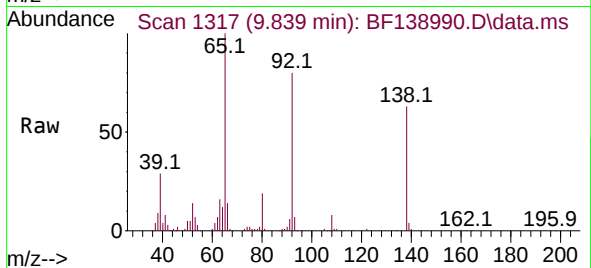
#53
3-Nitroaniline
Concen: 30.889 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



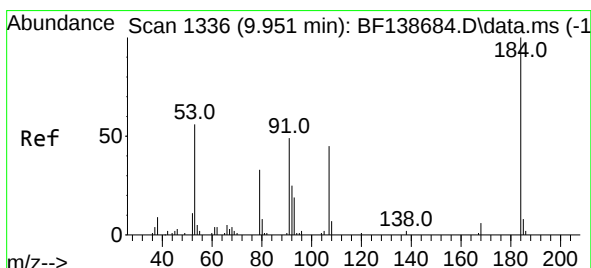
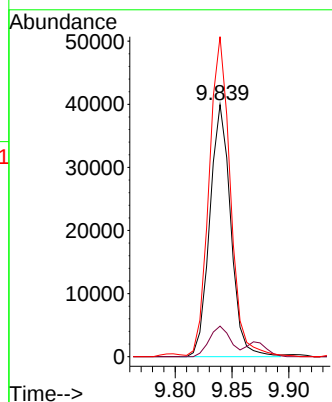
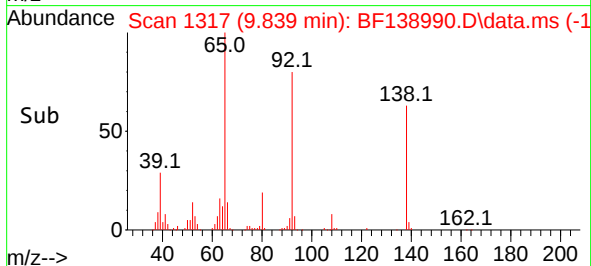
Tgt Ion:138 Resp: 51199
Ion Ratio Lower Upper
138 100
108 12.1 9.1 13.7
92 127.0 98.7 148.1

Manual Integrations

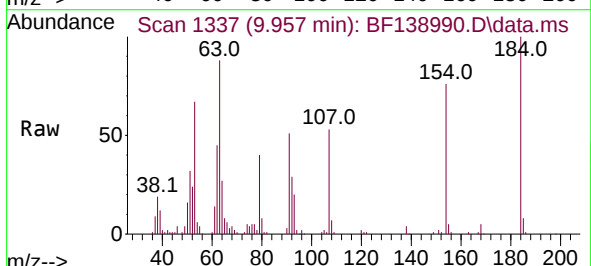
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

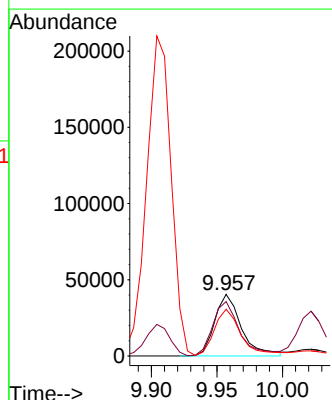
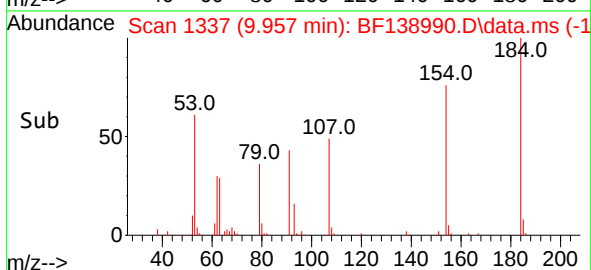
Supervised By :mohammad ahmed 08/16/2024



#54
2,4-Dinitrophenol
Concen: 77.142 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



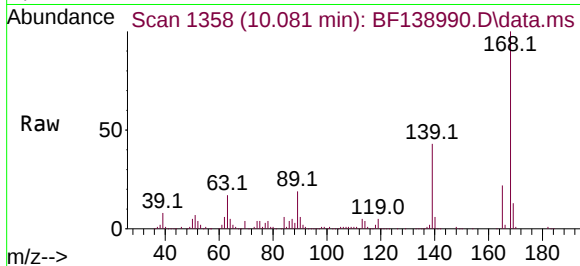
Tgt Ion:184 Resp: 56937
Ion Ratio Lower Upper
184 100
63 88.4 57.5 86.3#
154 75.8 51.7 77.5





#55
Dibenzenofuran
Concen: 46.636 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

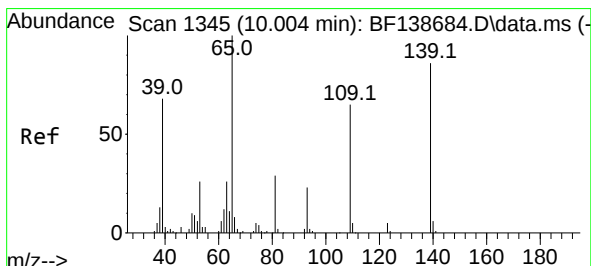
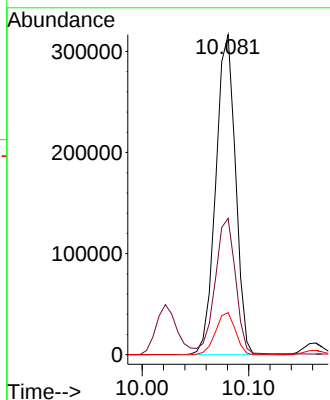
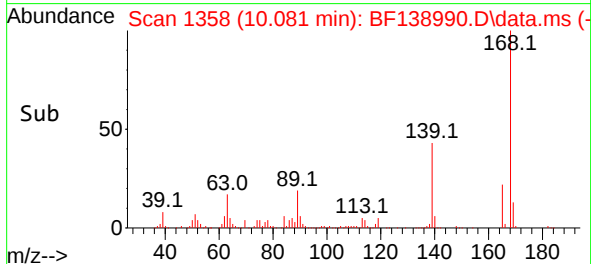
Instrument :
BNA_F
ClientSampleId :
PB162577BS



Tgt Ion:168 Resp: 406209
Ion Ratio Lower Upper
168 100
139 42.6 32.6 49.0
169 13.1 10.7 16.1

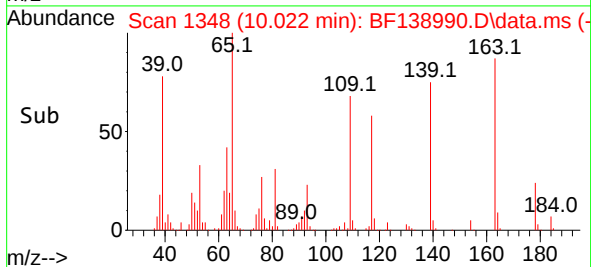
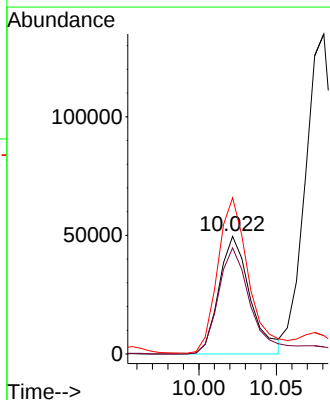
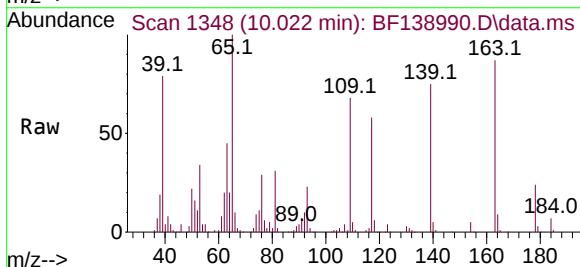
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#56
4-Nitrophenol
Concen: 69.657 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:139 Resp: 69430
Ion Ratio Lower Upper
139 100
109 90.1 55.5 95.5
65 132.7 96.7 136.7





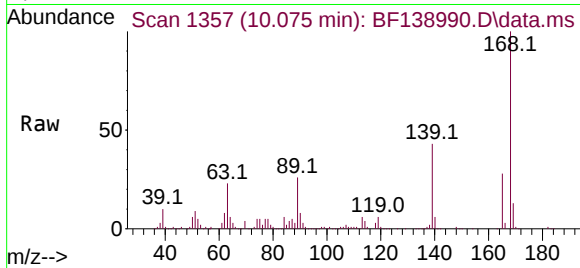
#57
2,4-Dinitrotoluene
Concen: 49.352 ng
RT: 10.075 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



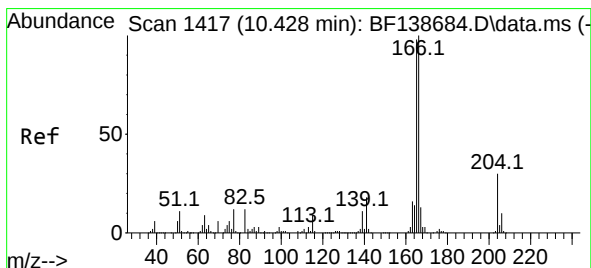
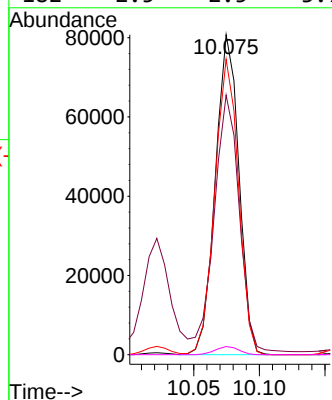
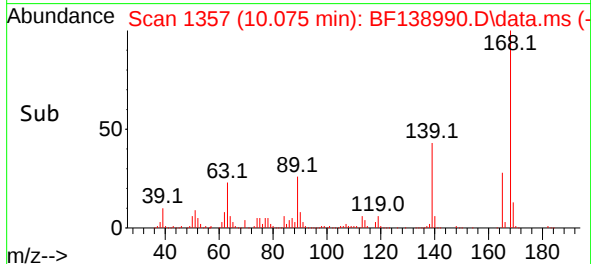
Tgt Ion:165 Resp: 100958
Ion Ratio Lower Upper
165 100
63 81.1 46.3 69.5
89 92.4 64.2 96.4
182 2.5 2.5 3.7

Manual Integrations

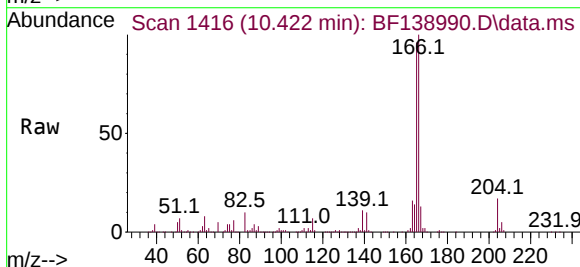
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

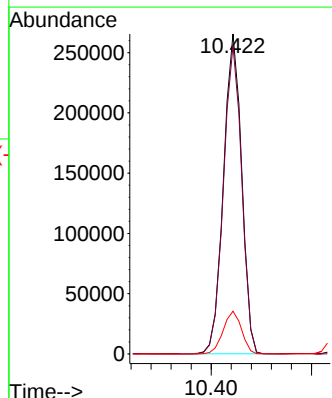
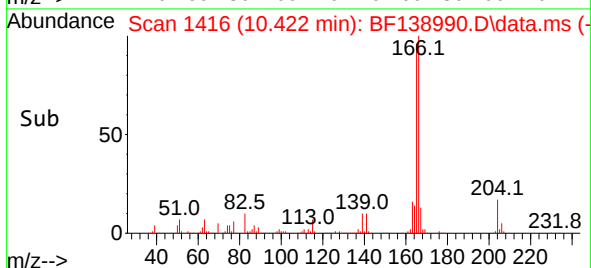
Supervised By :mohammad ahmed 08/16/2024

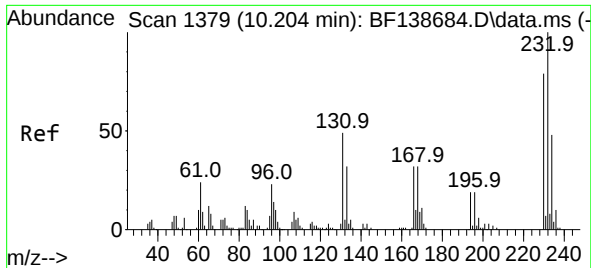


#58
Fluorene
Concen: 48.021 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



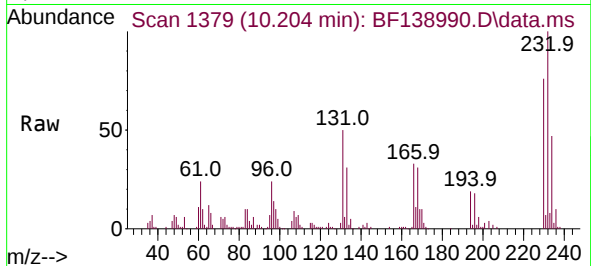
Tgt Ion:166 Resp: 333079
Ion Ratio Lower Upper
166 100
165 96.3 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.418 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

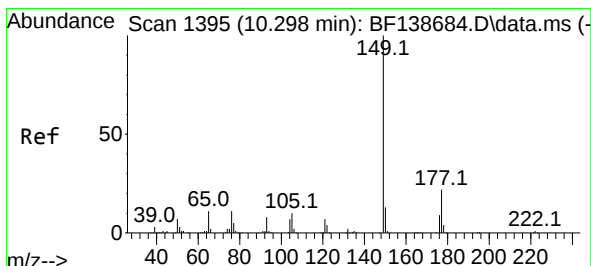
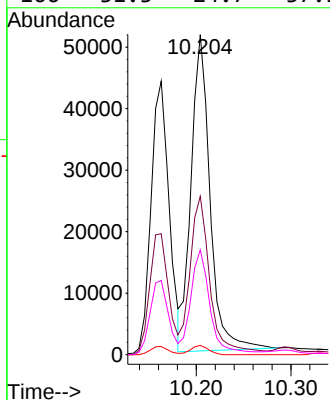
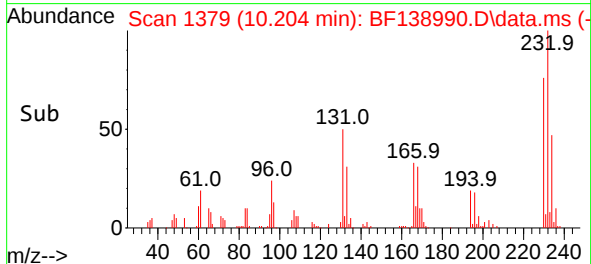
Instrument :
BNA_F
ClientSampleId :
PB162577BS



Tgt Ion:232 Resp: 7143
Ion Ratio Lower Upper
232 100
131 52.1 37.0 55.4
130 2.8 2.0 3.0
166 31.3 24.7 37.1

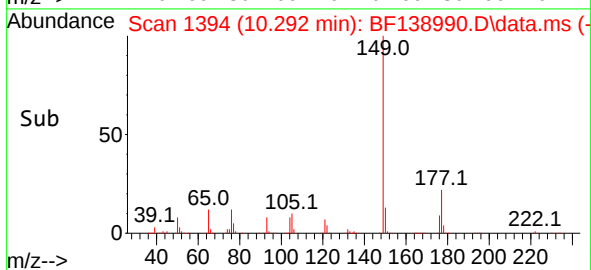
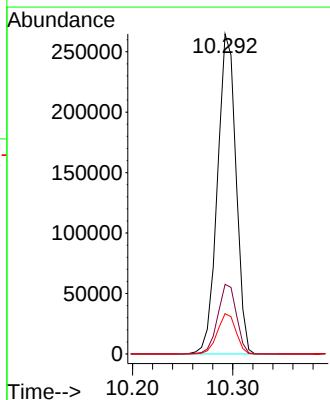
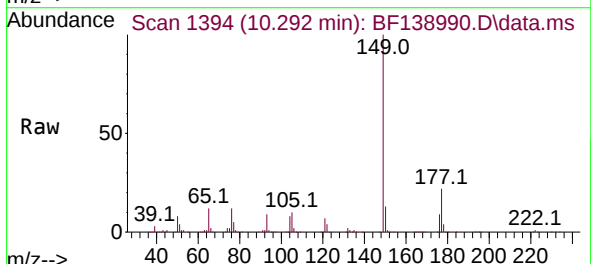
Manual Integrations
APPROVED

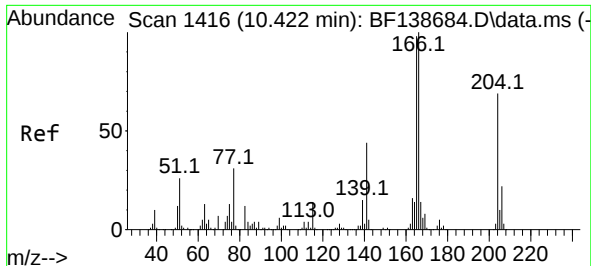
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#60
Diethylphthalate
Concen: 50.354 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:149 Resp: 339202
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.122 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

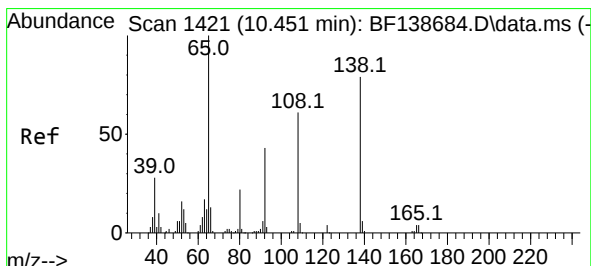
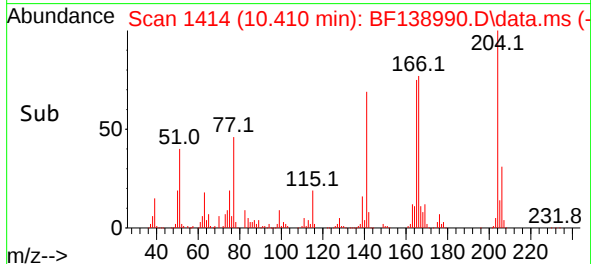
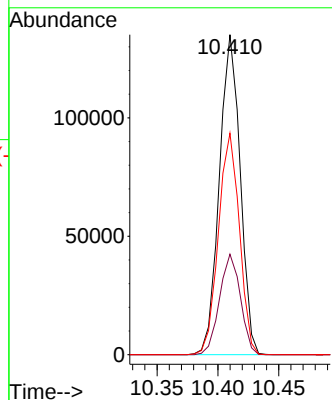
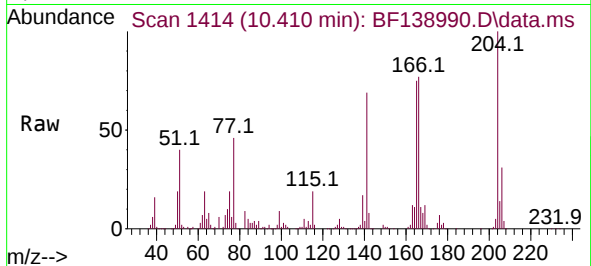
ClientSampleId :

PB162577BS

Tgt Ion:204 Resp: 16074
Ion Ratio Lower Upper
204 100
206 31.4 26.1 39.1
141 69.2 51.4 77.0

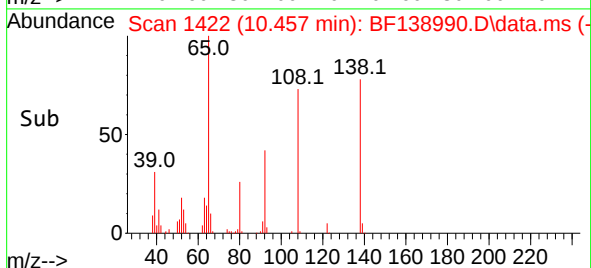
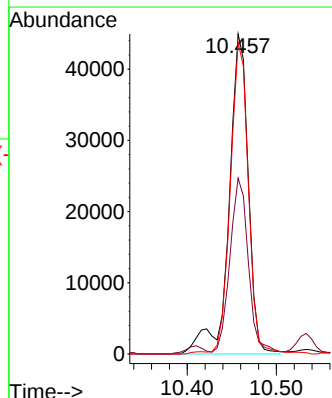
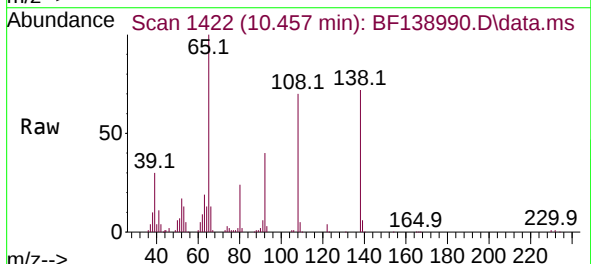
Manual Integrations
APPROVED

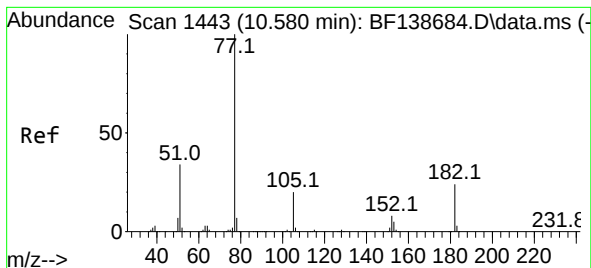
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#62
4-Nitroaniline
Concen: 42.861 ng m
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:138 Resp: 67513
Ion Ratio Lower Upper
138 100
92 54.9 34.2 74.2
108 97.3 56.2 96.2#





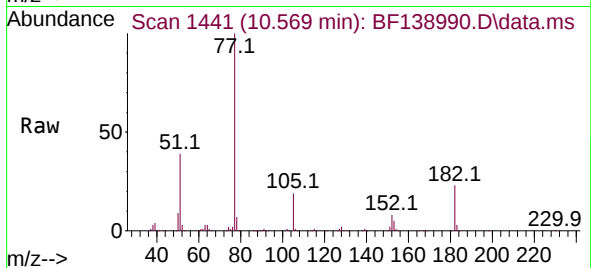
#63
Azobenzene
Concen: 47.286 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



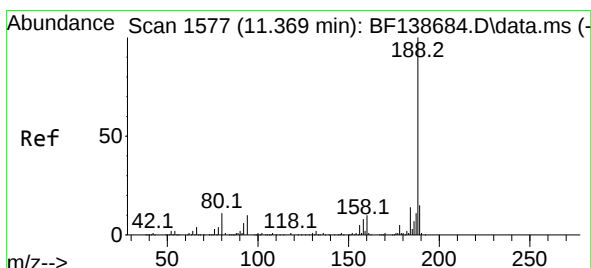
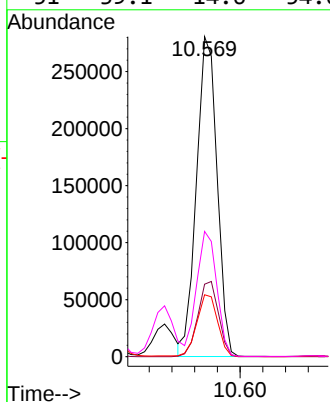
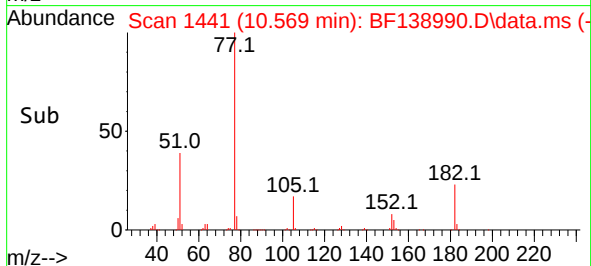
Tgt Ion: 77 Resp: 35328
Ion Ratio Lower Upper
77 100
182 22.7 3.4 43.4
105 19.3 0.2 40.2
51 39.1 14.6 54.6

Manual Integrations

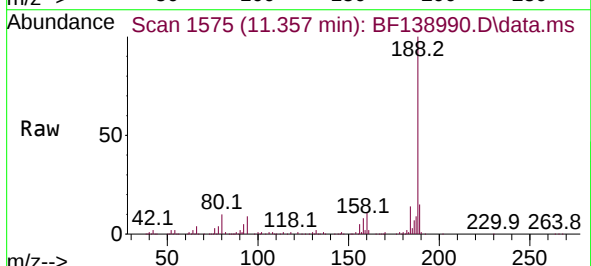
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

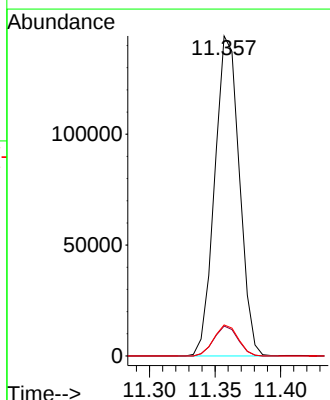
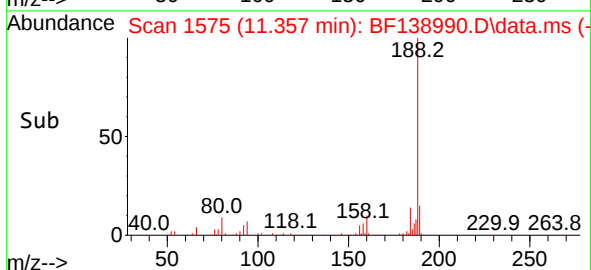
Supervised By :mohammad ahmed 08/16/2024

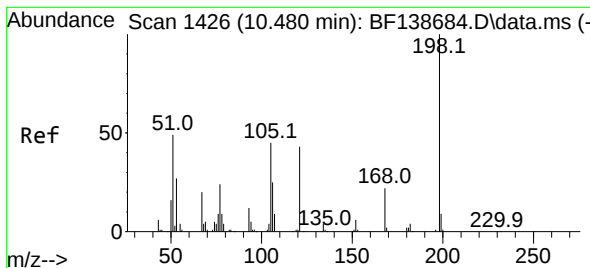


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion:188 Resp: 188477
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.7 8.6 12.8





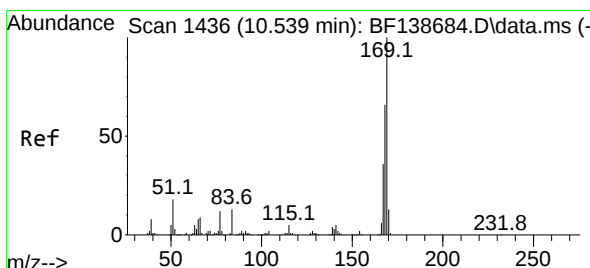
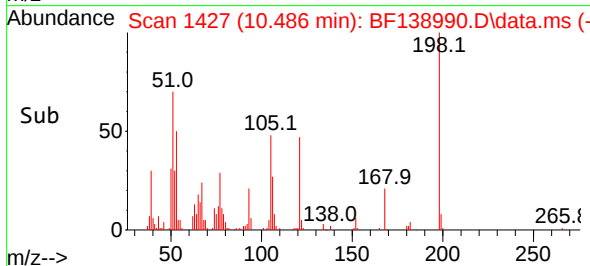
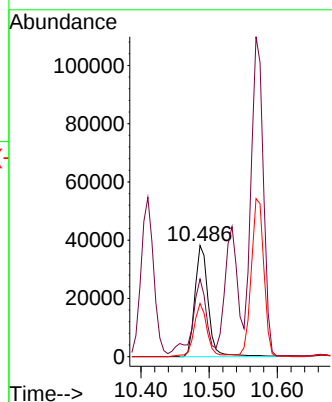
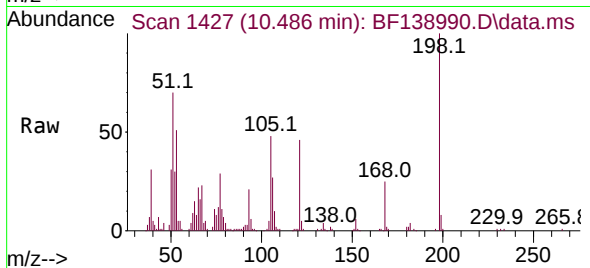
#65
4,6-Dinitro-2-methylphenol
Concen: 44.917 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162577BS

Tgt Ion:198 Resp: 51649
Ion Ratio Lower Upper
198 100
51 69.8 39.9 79.9
105 47.7 26.1 66.1

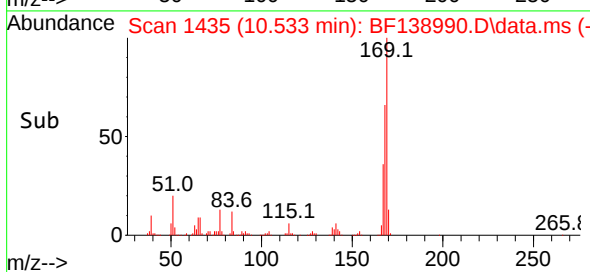
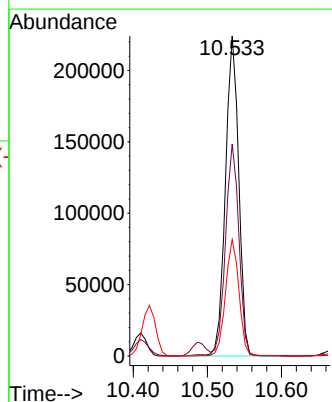
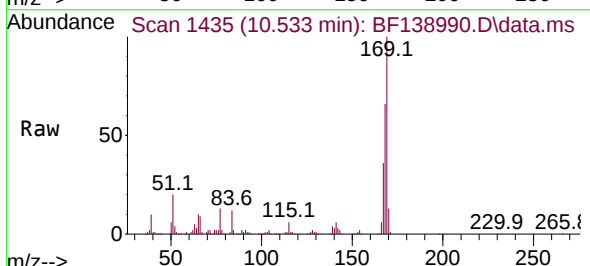
Manual Integrations
APPROVED

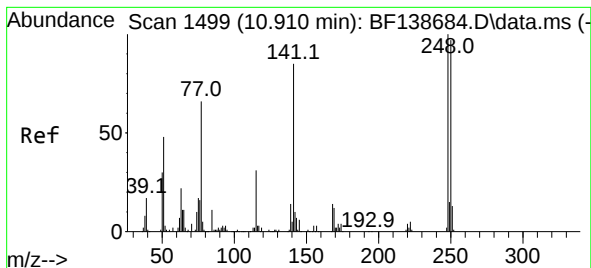
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#66
n-Nitrosodiphenylamine
Concen: 47.298 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

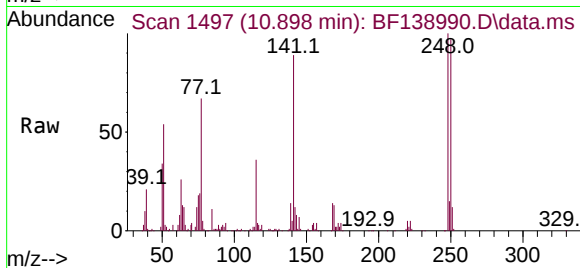
Tgt Ion:169 Resp: 278648
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.466 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

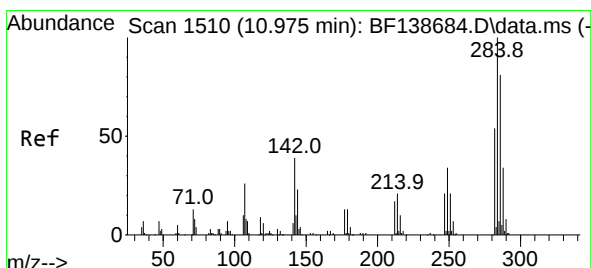
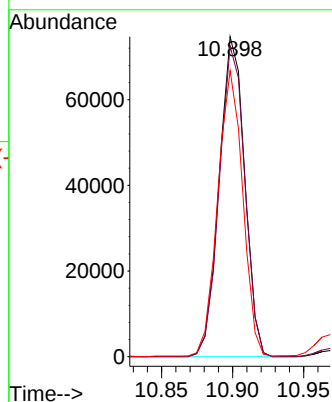
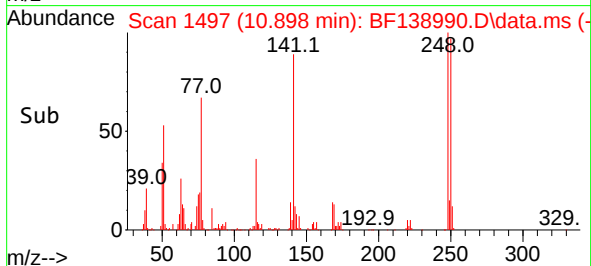
Instrument :
BNA_F
ClientSampleId :
PB162577BS



Tgt Ion:248 Resp: 92779
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 89.4 68.0 102.0

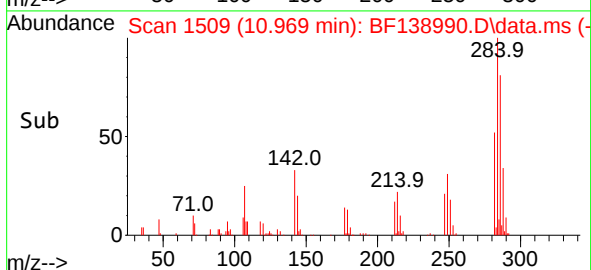
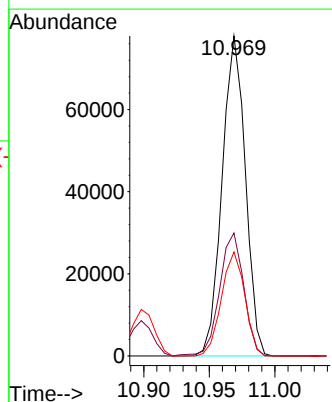
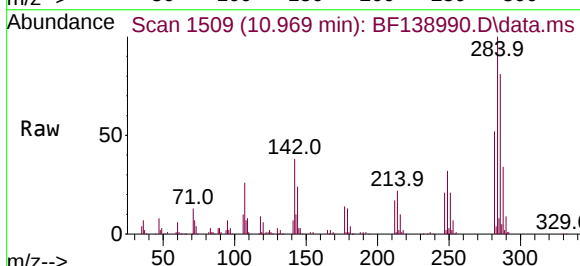
Manual Integrations
APPROVED

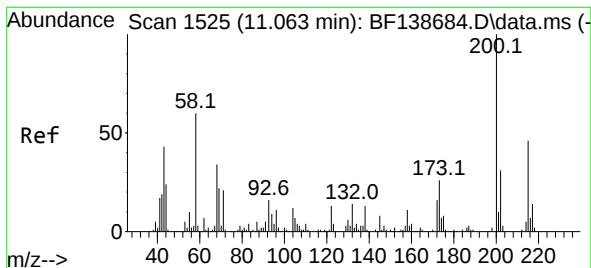
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#68
Hexachlorobenzene
Concen: 45.536 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:284 Resp: 95943
Ion Ratio Lower Upper
284 100
142 38.4 31.3 46.9
249 32.5 27.2 40.8





#69

Atrazine

Concen: 52.768 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

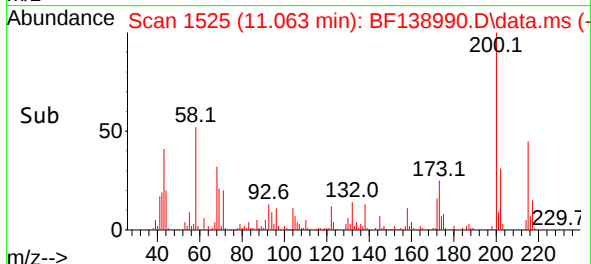
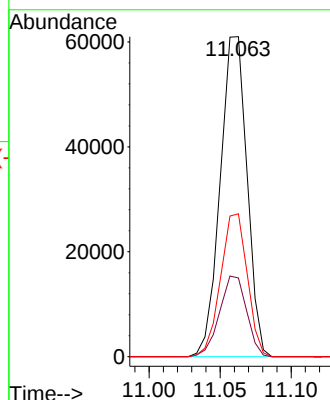
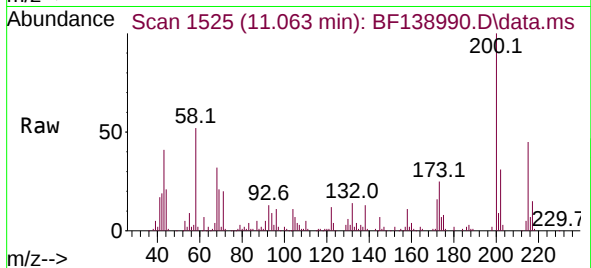
Tgt Ion:	200	Resp:	8020
Ion Ratio	Lower	Upper	
200	100		
173	24.6	6.0	46.0
215	44.6	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#70

Pentachlorophenol

Concen: 64.263 ng

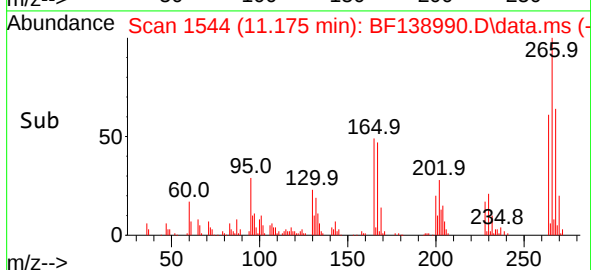
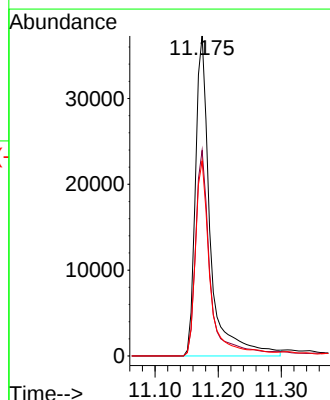
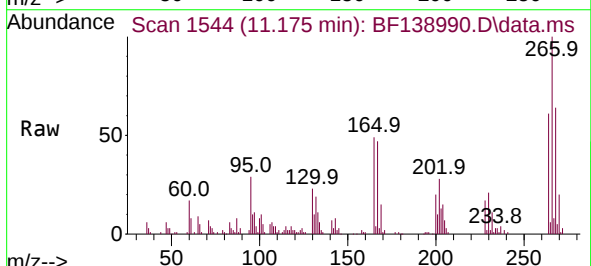
RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Tgt Ion:	266	Resp:	61030
Ion Ratio	Lower	Upper	
266	100		
268	64.2	49.2	73.8
264	61.0	49.8	74.6





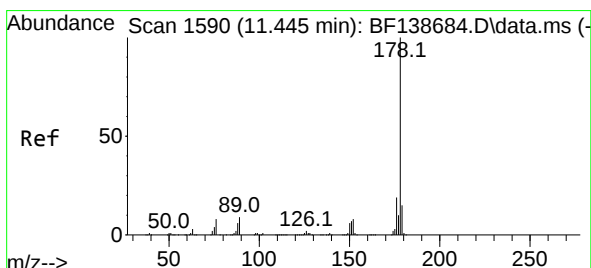
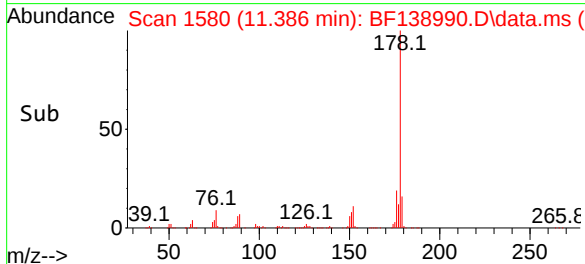
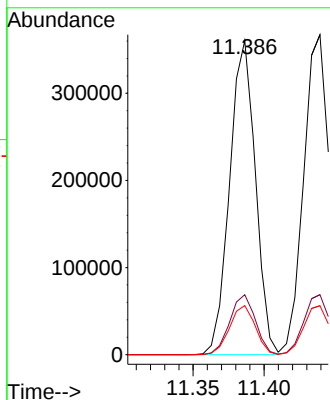
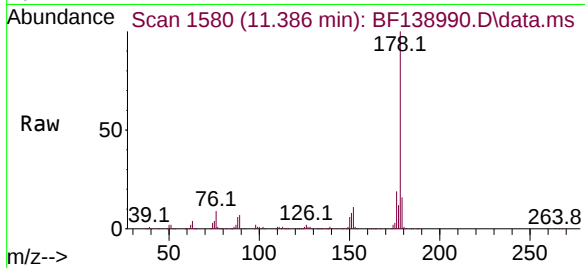
#71
Phenanthrene
Concen: 46.868 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162577BS

Tgt Ion:178 Resp: 454850
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.2 18.2

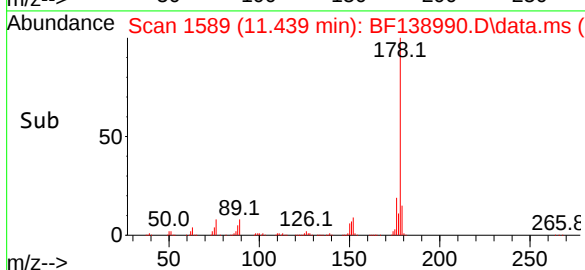
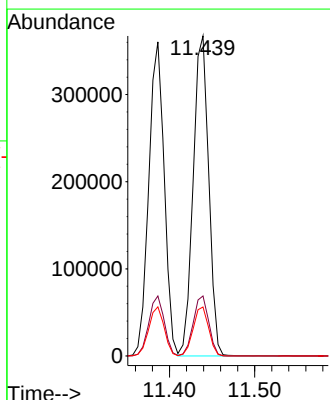
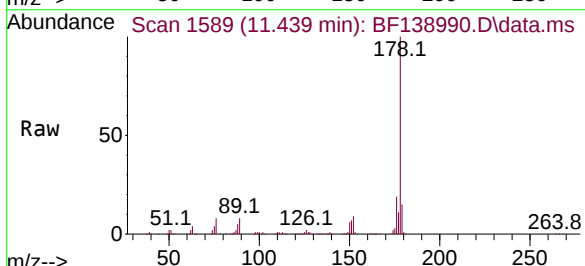
Manual Integrations
APPROVED

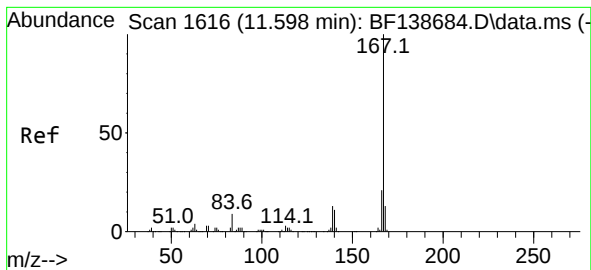
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#72
Anthracene
Concen: 48.577 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

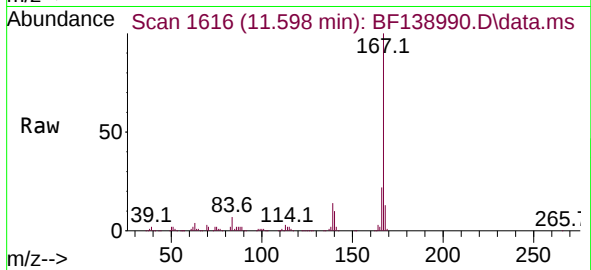
Tgt Ion:178 Resp: 464439
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 45.838 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138990.D
 Acq: 14 Aug 2024 13:02

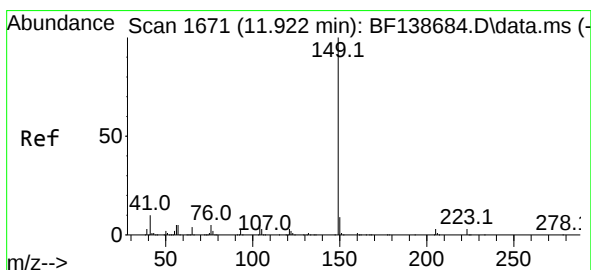
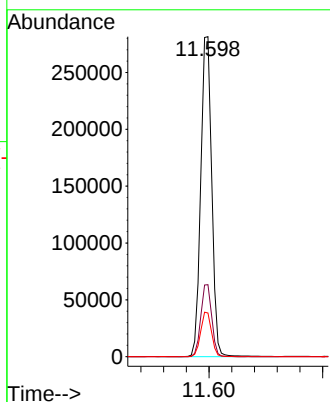
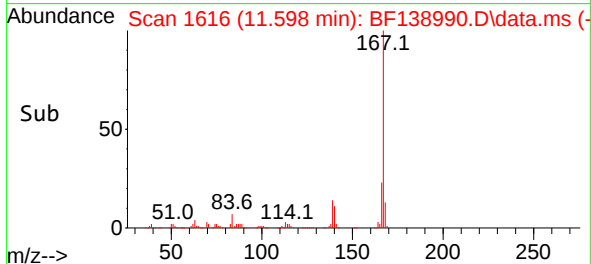
Instrument :
 BNA_F
 ClientSampleId :
 PB162577BS



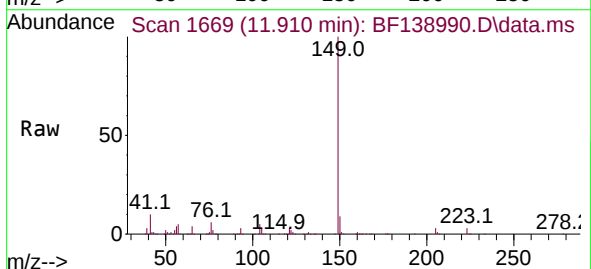
Tgt Ion:167 Resp: 37809
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.2 25.8
 139 13.6 10.6 16.0

Manual Integrations
 APPROVED

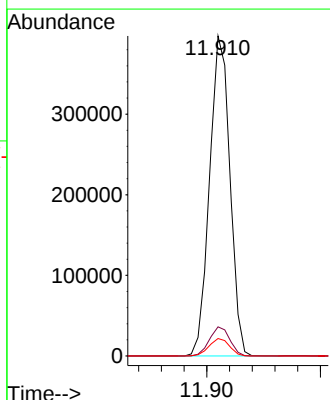
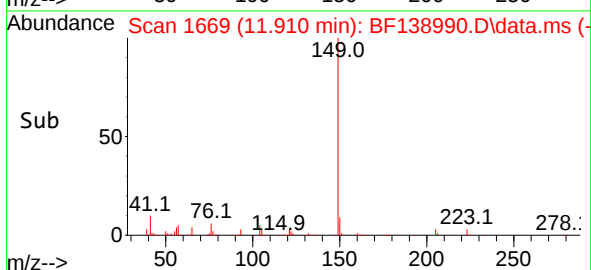
Reviewed By :Yogesh Patel 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024



#74
 Di-n-butylphthalate
 Concen: 53.318 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF138990.D
 Acq: 14 Aug 2024 13:02



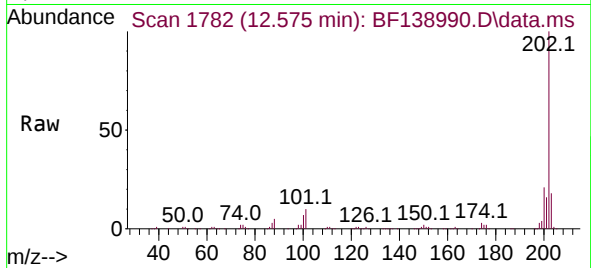
Tgt Ion:149 Resp: 494407
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 45.288 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

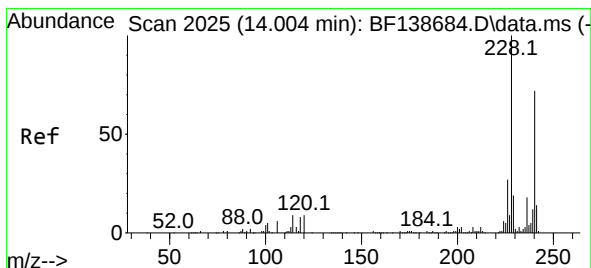
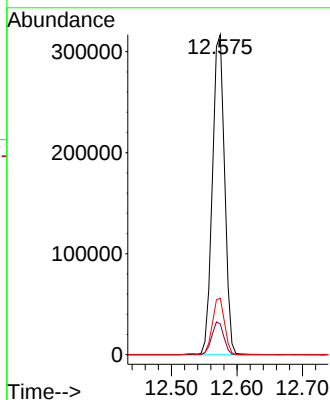
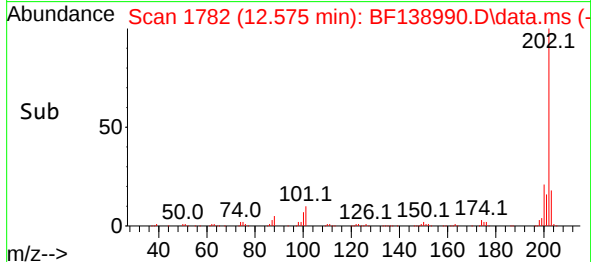
Instrument :
BNA_F
ClientSampleId :
PB162577BS



Tgt Ion:202 Resp: 41032
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.7 0.0 37.3

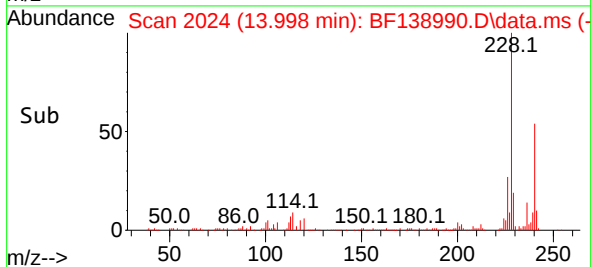
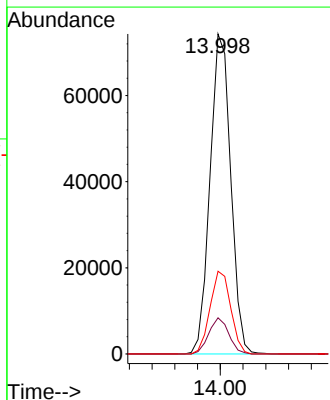
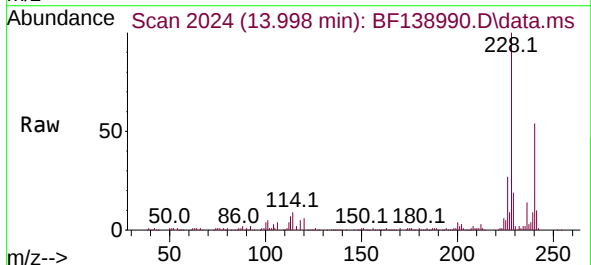
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:240 Resp: 93994
Ion Ratio Lower Upper
240 100
120 11.3 10.2 15.4
236 25.9 19.8 29.8





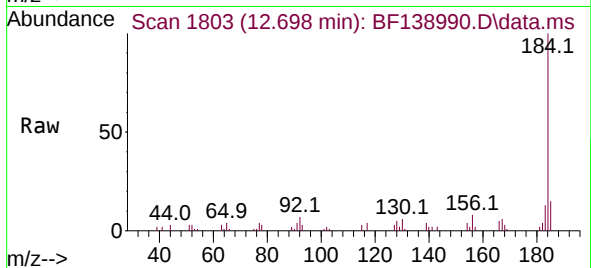
#77
Benzidine
Concen: 10.973 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



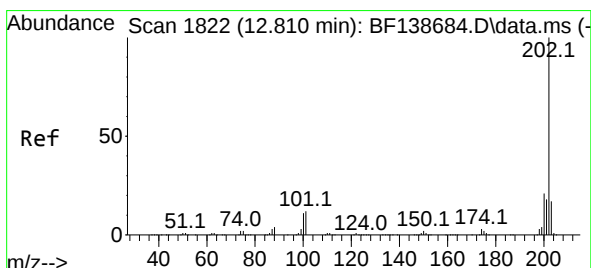
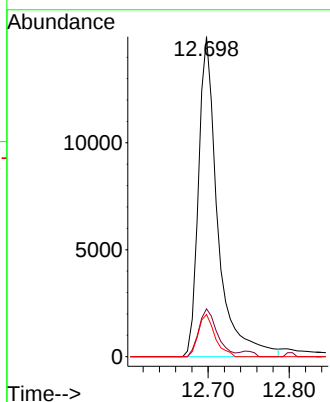
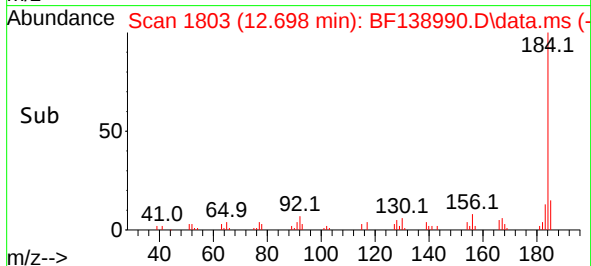
Tgt Ion:184 Resp: 24670
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 13.2 9.6 14.4

Manual Integrations

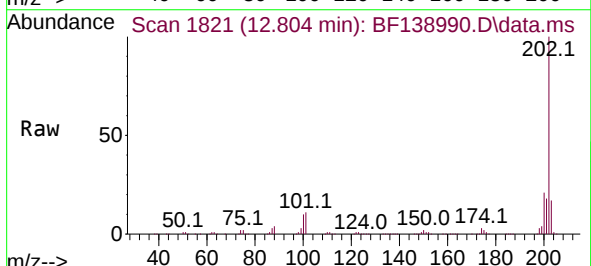
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

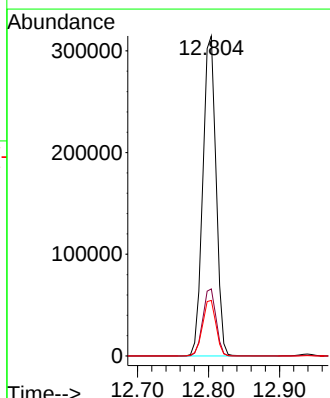
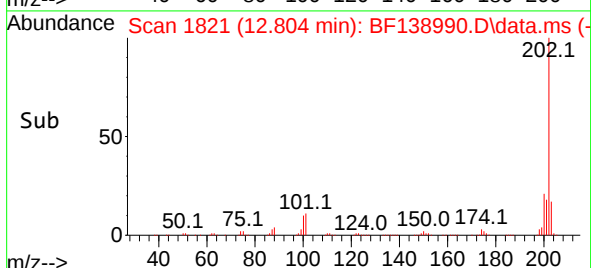
Supervised By :mohammad ahmed 08/16/2024



#78
Pyrene
Concen: 46.154 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



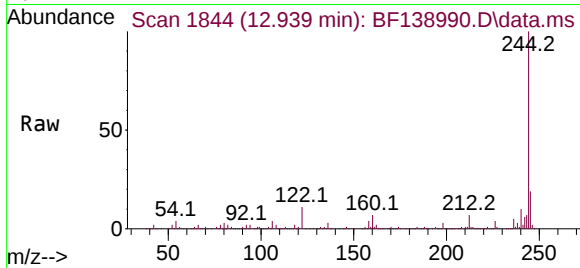
Tgt Ion:202 Resp: 408455
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 103.250 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138990.D
 Acq: 14 Aug 2024 13:02

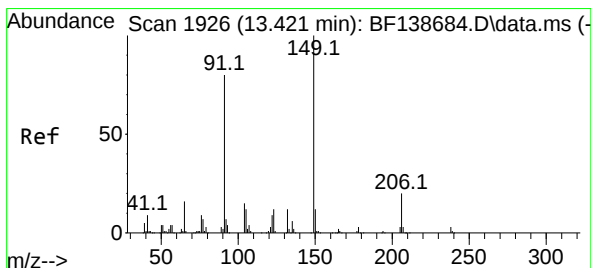
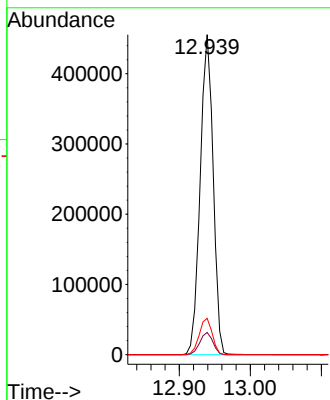
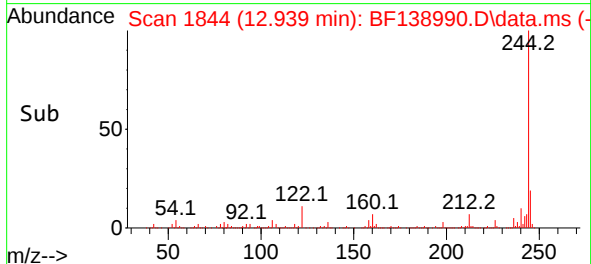
Instrument :
 BNA_F
 ClientSampleId :
 PB162577BS



Tgt Ion:244 Resp: 579648
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.4 9.6 14.4

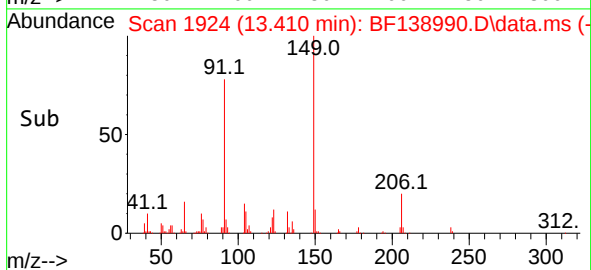
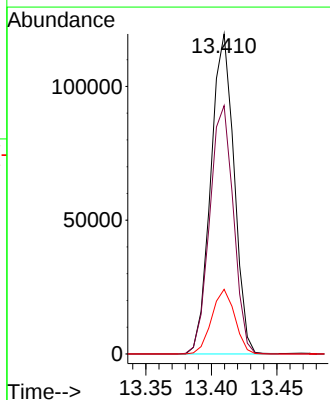
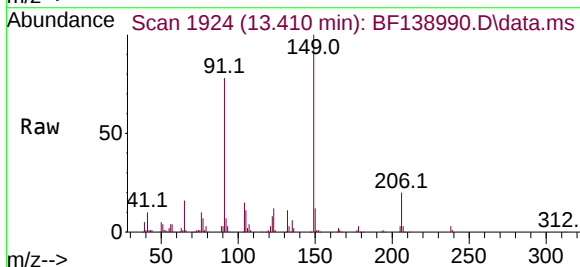
Manual Integrations
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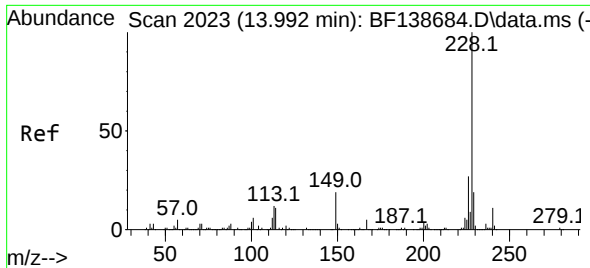
Reviewed By :Yogesh Patel 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024



#80
 Butylbenzylphthalate
 Concen: 52.120 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138990.D
 Acq: 14 Aug 2024 13:02

Tgt Ion:149 Resp: 147707
 Ion Ratio Lower Upper
 149 100
 91 77.6 63.7 95.5
 206 20.2 16.2 24.2





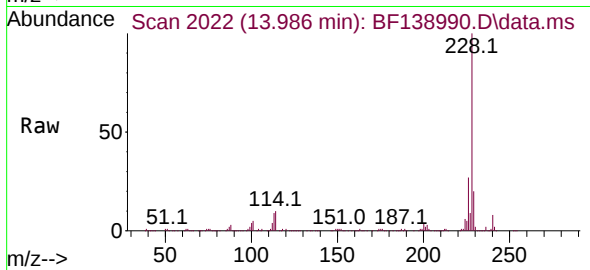
#81
Benzo(a)anthracene
Concen: 48.526 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

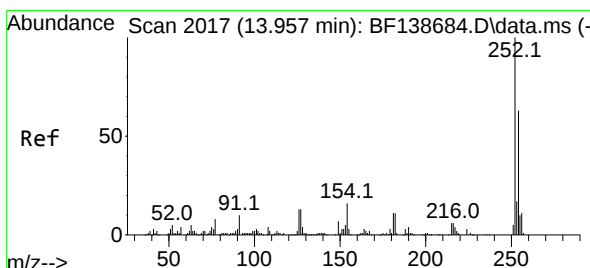
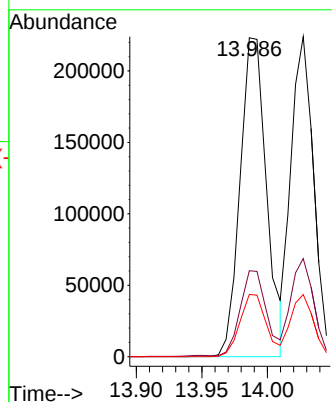
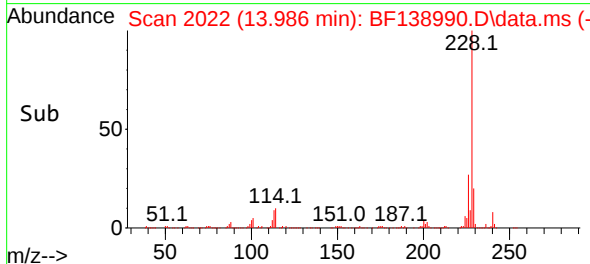


Tgt Ion:228 Resp: 314088
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.5 15.4 23.0

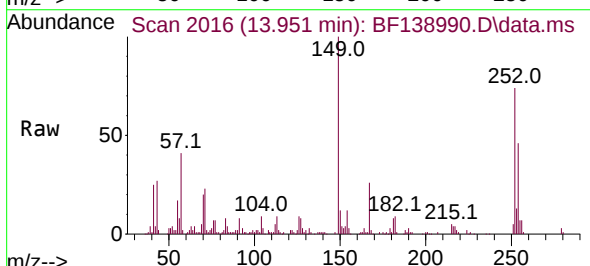
Manual Integrations

APPROVED

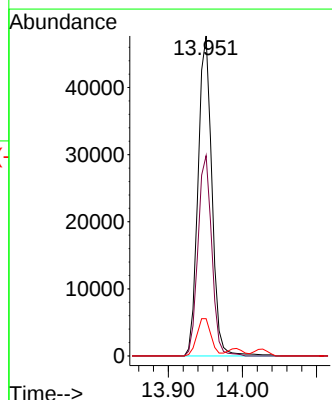
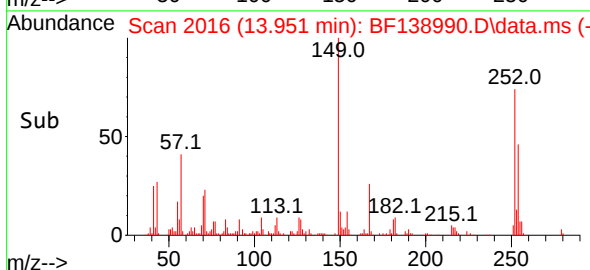
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#82
3,3'-Dichlorobenzidine
Concen: 37.393 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion:252 Resp: 61937
Ion Ratio Lower Upper
252 100
254 62.6 50.8 76.2
126 11.7 10.2 15.2





#83

Chrysene

Concen: 46.122 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

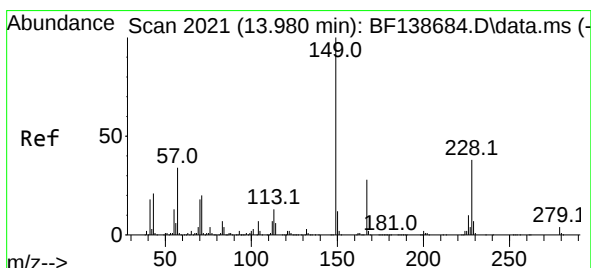
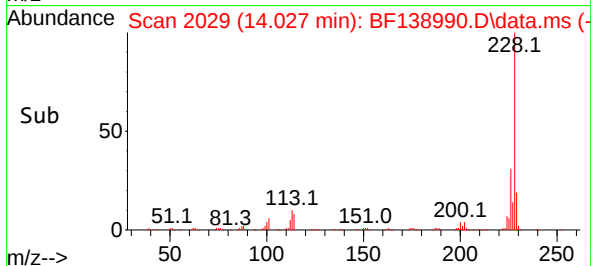
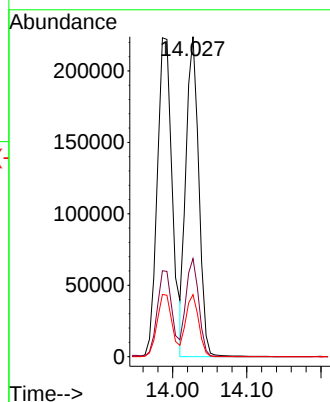
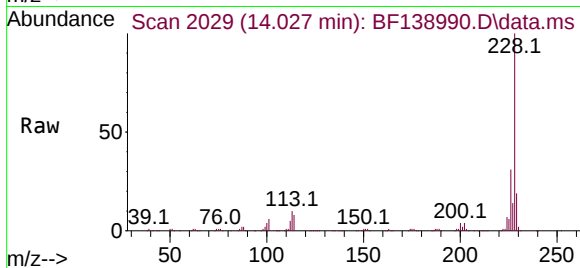
Tgt Ion:228 Resp: 269329

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	19.4	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.289 ng

RT: 13.963 min Scan# 2018

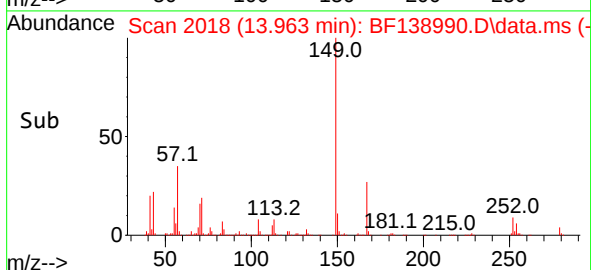
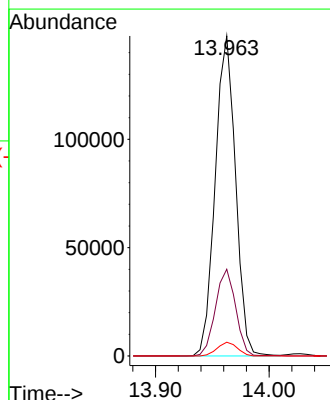
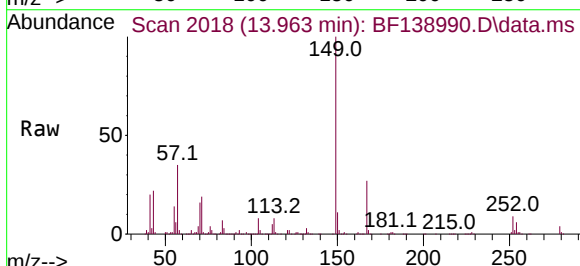
Delta R.T. -0.018 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Tgt Ion:149 Resp: 183794

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.4
279	4.3	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 37.861 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS

Tgt Ion:149 Resp: 290690

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

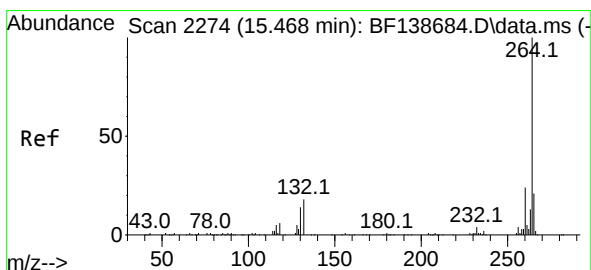
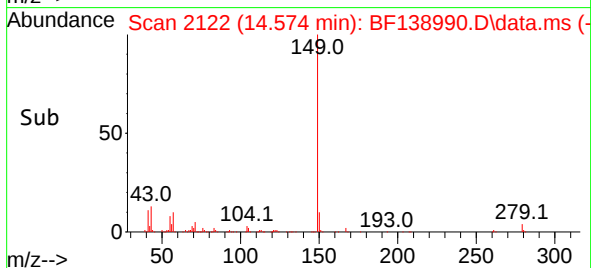
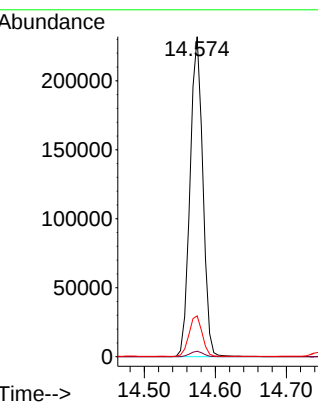
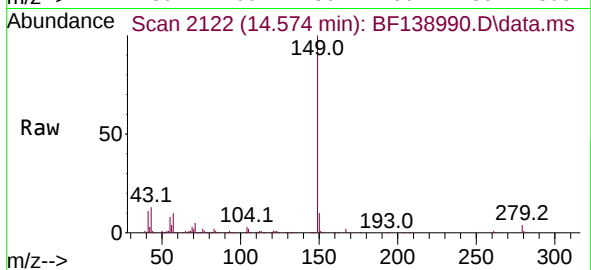
43 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138990.D

Acq: 14 Aug 2024 13:02

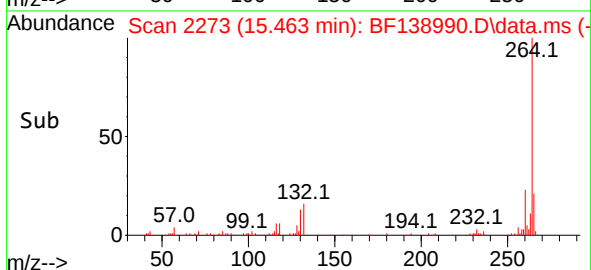
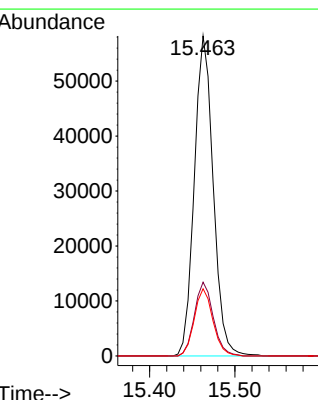
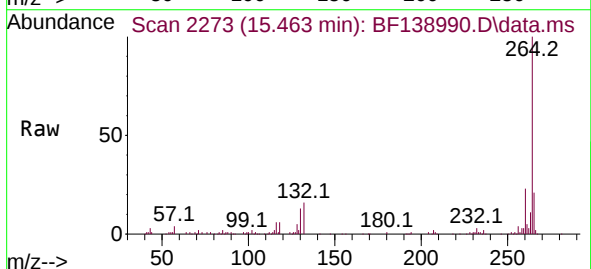
Tgt Ion:264 Resp: 89767

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.907 ng
RT: 16.945 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

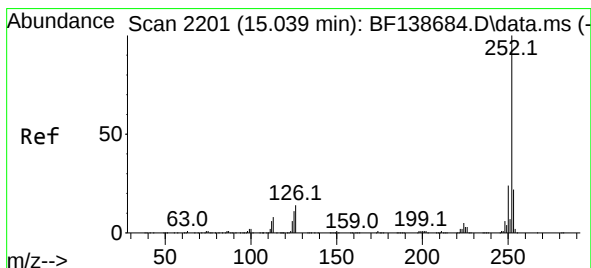
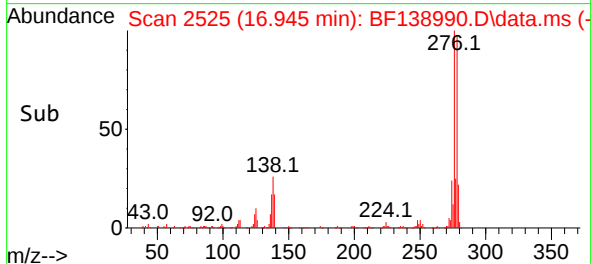
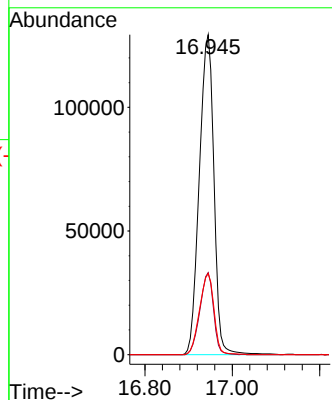
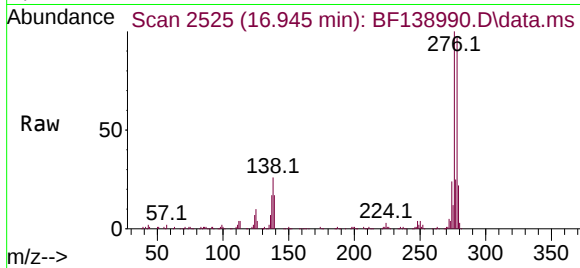
ClientSampleId :

PB162577BS

Tgt Ion:276 Resp: 30175
Ion Ratio Lower Upper
276 100
138 23.8 21.8 32.8
277 25.0 20.6 30.8

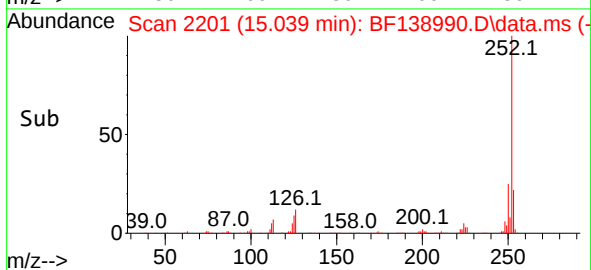
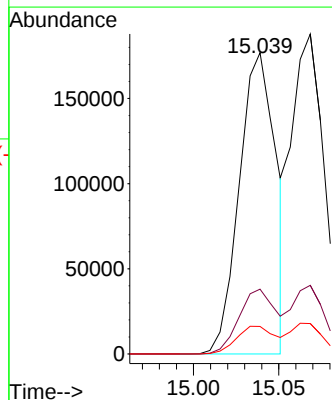
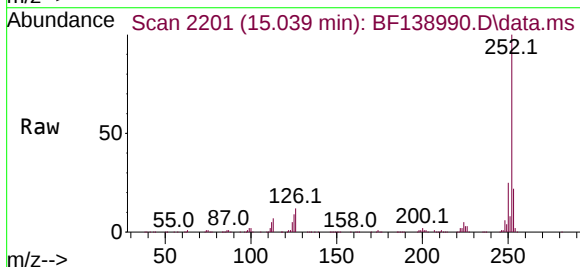
Manual Integrations
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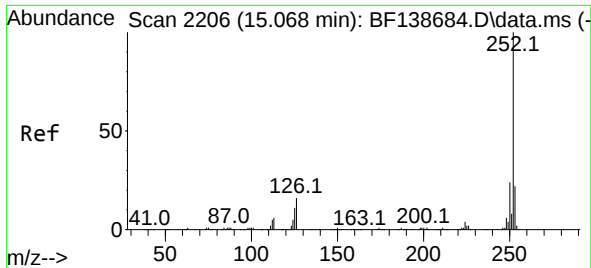
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#88
Benzo(b)fluoranthene
Concen: 47.386 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:252 Resp: 263687
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.1 8.9 13.3





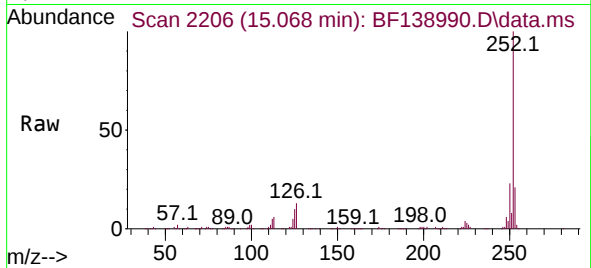
#89
Benzo(k)fluoranthene
Concen: 52.850 ng
RT: 15.068 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162577BS



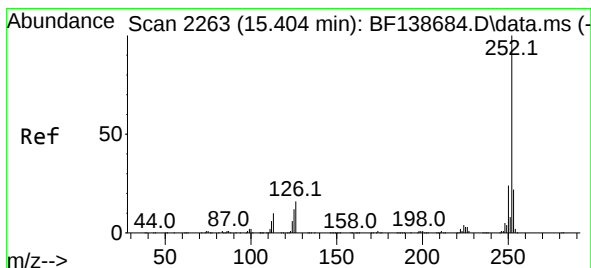
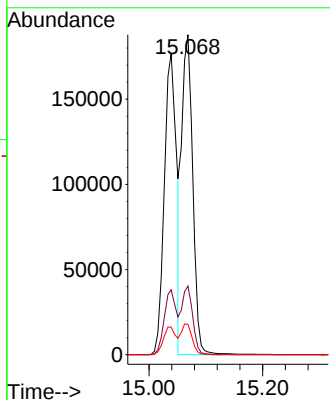
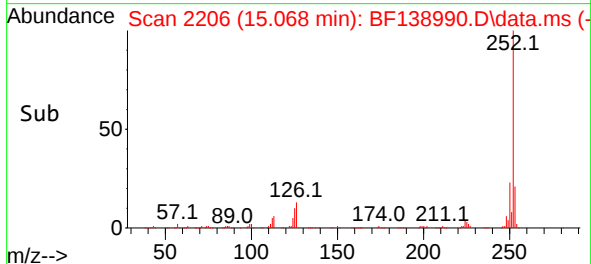
Tgt Ion:252 Resp: 254630
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.5 8.6 13.0

Manual Integrations

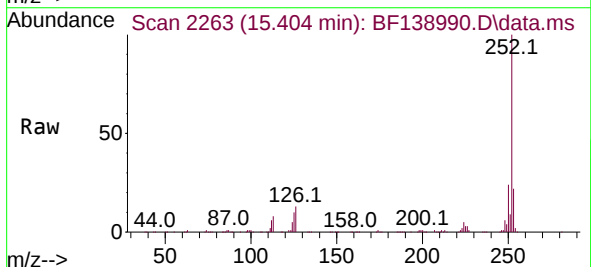
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

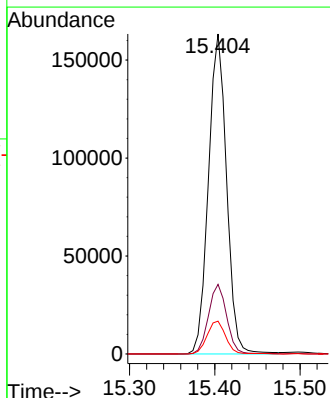
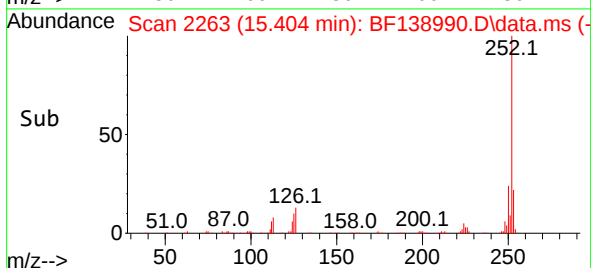
Supervised By :mohammad ahmed 08/16/2024



#90
Benzo(a)pyrene
Concen: 51.580 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02



Tgt Ion:252 Resp: 241431
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.3 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.129 ng
RT: 16.951 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Instrument :

BNA_F

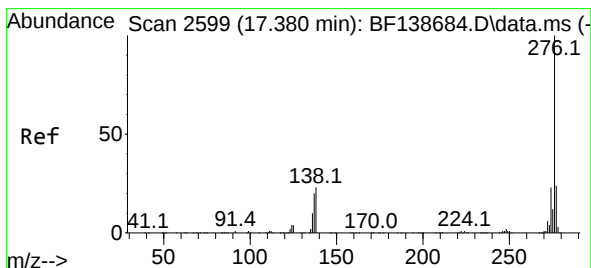
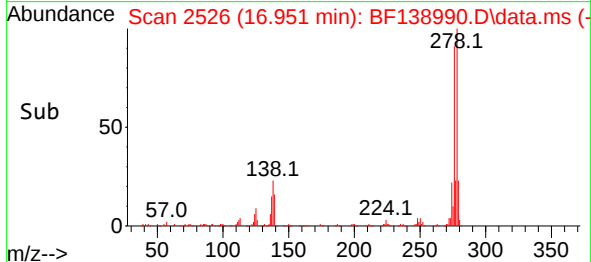
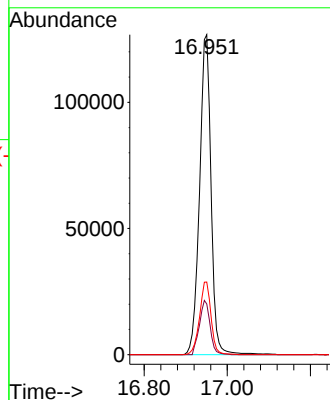
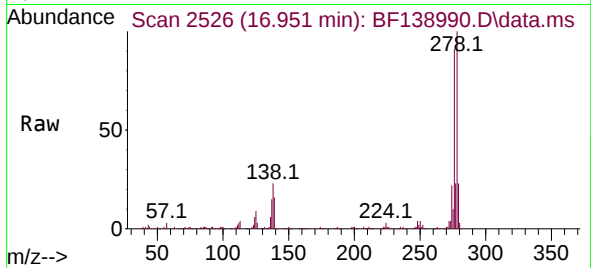
ClientSampleId :

PB162577BS

Tgt Ion:278 Resp: 243594
Ion Ratio Lower Upper
278 100
139 15.8 14.0 21.0
279 22.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#92
Benzo(g,h,i)perylene
Concen: 41.159 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138990.D
Acq: 14 Aug 2024 13:02

Tgt Ion:276 Resp: 225544
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 19.9 18.5 27.7

