

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140986.D
 Acq On : 27 Dec 2024 10:30
 Operator : RC/JU
 Sample : PB165790BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165790BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 27 11:25:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	261156	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1063123	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	574048	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	946299	20.000	ng	0.00
76) Chrysene-d12	13.986	240	675865	20.000	ng	0.00
86) Perylene-d12	15.439	264	556523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2304194	132.997	ng	0.01
7) Phenol-d6	6.451	99	2952046	132.269	ng	0.00
23) Nitrobenzene-d5	7.393	82	1805232	108.637	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	839700	150.536	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	3179773	88.253	ng	0.00
79) Terphenyl-d14	12.933	244	3667210	90.125	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	331421	42.253	ng	99
3) Pyridine	3.405	79	871005	45.439	ng	100
4) n-Nitrosodimethylamine	3.352	42	467012	48.084	ng	100
6) Aniline	6.487	93	905142	45.473	ng	98
8) 2-Chlorophenol	6.610	128	913187	49.993	ng	99
9) Benzaldehyde	6.375	77	197600	12.400	ng	97
10) Phenol	6.469	94	1149507	49.810	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	862201	46.270	ng	99
12) 1,3-Dichlorobenzene	6.769	146	915505	45.415	ng	99
13) 1,4-Dichlorobenzene	6.846	146	931646	45.845	ng	100
14) 1,2-Dichlorobenzene	6.998	146	898301	47.411	ng	98
15) Benzyl Alcohol	6.969	79	796662	49.673	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1392551	49.416	ng	99
17) 2-Methylphenol	7.075	107	744296	49.047	ng	99
18) Hexachloroethane	7.340	117	342810	47.487	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	646290	47.267	ng	99
20) 3+4-Methylphenols	7.228	107	916761	47.739	ng	93
22) Acetophenone	7.240	105	1194058	45.785	ng	99
24) Nitrobenzene	7.410	77	943351	50.806	ng	98
25) Isophorone	7.651	82	1741718	48.168	ng	100
26) 2-Nitrophenol	7.728	139	398990	51.945	ng	98
27) 2,4-Dimethylphenol	7.757	122	742552	56.189	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	1061221	46.321	ng	100
29) 2,4-Dichlorophenol	7.963	162	727055	48.509	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	754054	44.450	ng	100
31) Naphthalene	8.134	128	2578516	46.028	ng	100
32) Benzoic acid	7.875	122	516972	47.610	ng	98
33) 4-Chloroaniline	8.175	127	406674	20.066	ng	99
34) Hexachlorobutadiene	8.251	225	447591	44.755	ng	99
35) Caprolactam	8.545	113	246561m	48.390	ng	
36) 4-Chloro-3-methylphenol	8.651	107	792766	47.628	ng	99
37) 2-Methylnaphthalene	8.822	142	1662646	46.393	ng	100
38) 1-Methylnaphthalene	8.922	142	1557262	44.214	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	716972	45.399	ng	99
41) Hexachlorocyclopentadiene	8.975	237	866738	165.612	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	536226	51.016	ng	99

12/30/2024
 Supervised By :mohammad
 Ahmed

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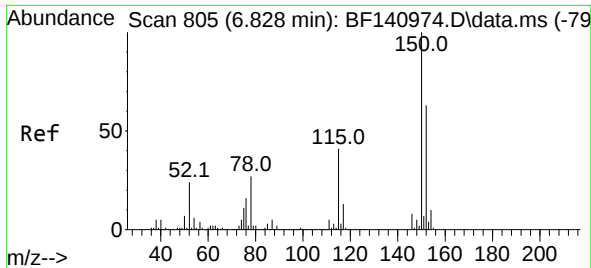
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.134	196	502104	46.687	ng	99	12/30/2024
46) 1,1'-Biphenyl	9.287	154	2022375	46.011	ng	100	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.310	162	1524945	44.733	ng	100	
48) 2-Nitroaniline	9.404	65	473616	52.613	ng	95	
49) Acenaphthylene	9.728	152	2393074	48.765	ng	99	
50) Dimethylphthalate	9.586	163	1789506	47.393	ng	100	
51) 2,6-Dinitrotoluene	9.645	165	391451	50.619	ng	99	12/30/2024
52) Acenaphthene	9.898	154	1677363	50.559	ng	100	
53) 3-Nitroaniline	9.810	138	264204	32.669	ng	# 97	
54) 2,4-Dinitrophenol	9.916	184	318932	95.468	ng	# 1	
55) Dibenzofuran	10.069	168	2176166	46.675	ng	100	
56) 4-Nitrophenol	9.969	139	717401	111.071	ng	97	
57) 2,4-Dinitrotoluene	10.051	165	510765	53.623	ng	98	
58) Fluorene	10.410	166	1636276	45.258	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.181	232	457120	51.321	ng	99	
60) Diethylphthalate	10.292	149	1730880	46.433	ng	99	
61) 4-Chlorophenyl-phenyle...	10.404	204	784381	45.088	ng	100	
62) 4-Nitroaniline	10.428	138	416991	49.715	ng	97	
63) Azobenzene	10.563	77	1819316	46.498	ng	99	
65) 4,6-Dinitro-2-methylph...	10.457	198	221868	56.701	ng	95	
66) n-Nitrosodiphenylamine	10.522	169	1498997	50.304	ng	99	
67) 4-Bromophenyl-phenylether	10.892	248	516208	50.462	ng	99	
68) Hexachlorobenzene	10.957	284	557548	49.429	ng	99	
69) Atrazine	11.051	200	510985	61.381	ng	99	
70) Pentachlorophenol	11.151	266	701410	99.875	ng	99	
71) Phenanthrene	11.375	178	2487437	49.944	ng	100	
72) Anthracene	11.428	178	2525629	51.752	ng	99	
73) Carbazole	11.575	167	2309370	49.225	ng	100	
74) Di-n-butylphthalate	11.916	149	2619826	49.097	ng	100	
75) Fluoranthene	12.557	202	2606996	48.263	ng	100	
77) Benzidine	12.680	184	796437	55.758	ng	99	
78) Pyrene	12.786	202	2683823	45.404	ng	100	
80) Butylbenzylphthalate	13.416	149	1072079	49.670	ng	99	
81) Benzo(a)anthracene	13.974	228	2212625	46.973	ng	100	
82) 3,3'-Dichlorobenzidine	13.939	252	394108	27.848	ng	99	
83) Chrysene	14.016	228	1936206	45.598	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.974	149	1343005	47.969	ng	100	
85) Di-n-octyl phthalate	14.592	149	2097093	51.752	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.892	276	1887319	53.828	ng	99	
88) Benzo(b)fluoranthene	15.021	252	1767530	45.538	ng	99	
89) Benzo(k)fluoranthene	15.051	252	1623474	53.367	ng	99	
90) Benzo(a)pyrene	15.380	252	1568457	52.062	ng	99	
91) Dibenzo(a,h)anthracene	16.915	278	1518414	53.424	ng	99	
92) Benzo(g,h,i)perylene	17.333	276	1432292	48.588	ng	100	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

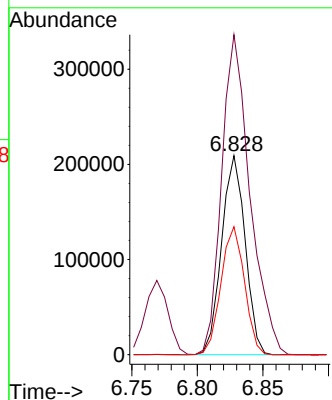
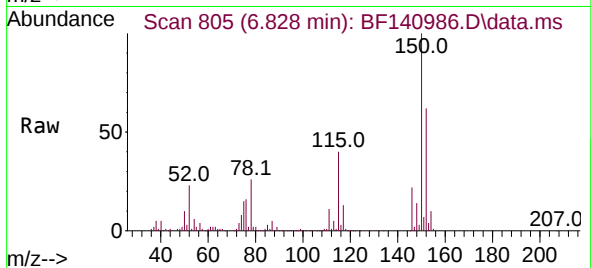
ClientSampleId :

PB165790BS

Tgt Ion:152 Resp: 261150
Ion Ratio Lower Upper
152 100
150 160.7 127.0 190.6
115 64.3 51.7 77.5

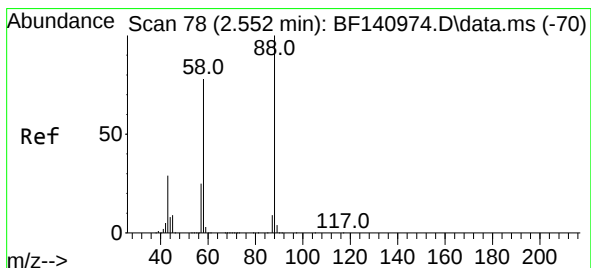
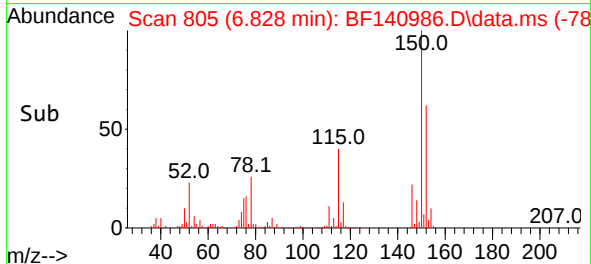
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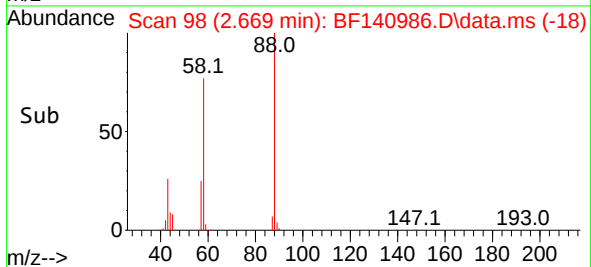
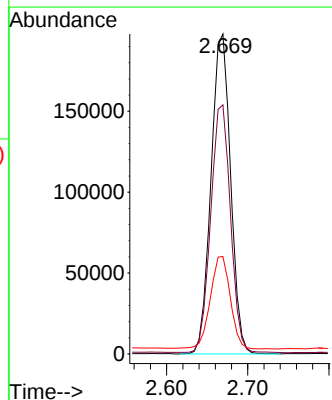
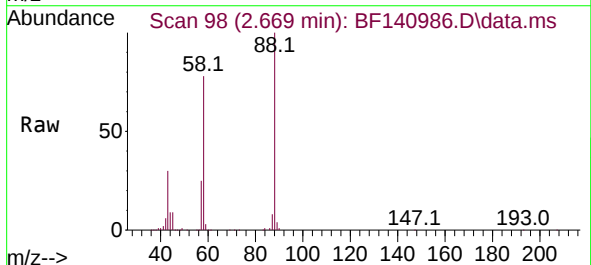
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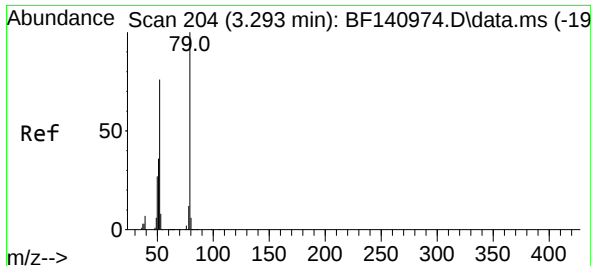
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#2
1,4-Dioxane
Concen: 42.253 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.118 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

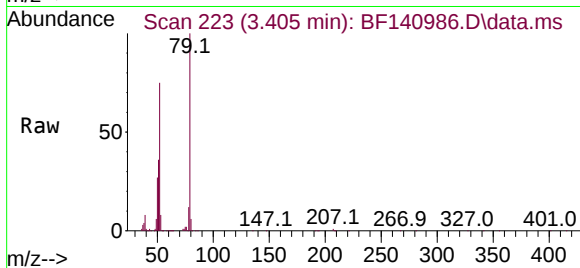
Tgt Ion: 88 Resp: 331421
Ion Ratio Lower Upper
88 100
58 78.2 63.0 94.4
43 29.7 23.4 35.2





#3
Pyridine
Concen: 45.439 ng
RT: 3.405 min Scan# 210
Delta R.T. 0.112 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

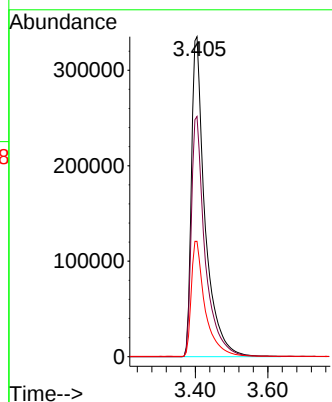
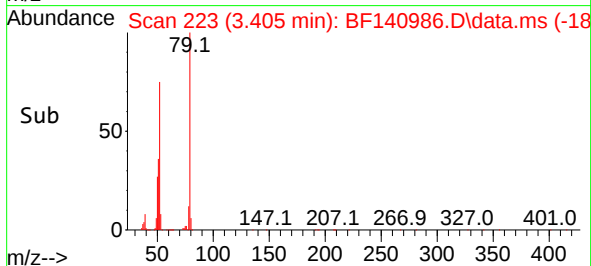
Instrument :
BNA_F
ClientSampleId :
PB165790BS



Tgt Ion: 79 Resp: 87100
Ion Ratio Lower Upper
79 100
52 75.0 60.4 90.6
51 36.0 28.8 43.2

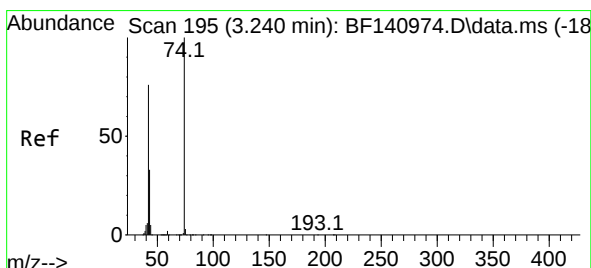
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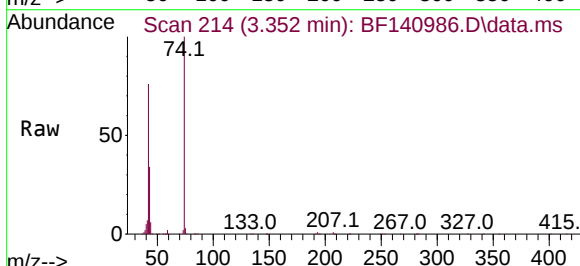


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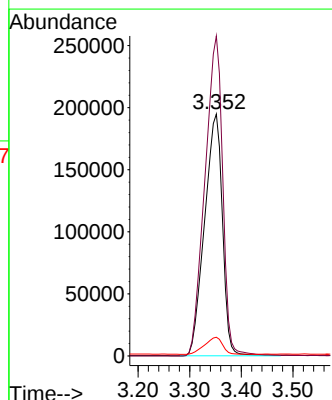
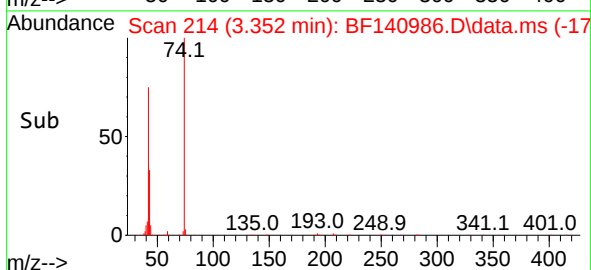
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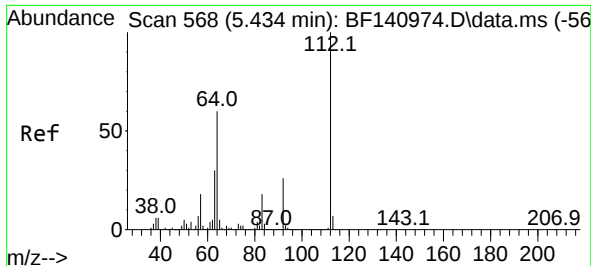


#4
n-Nitrosodimethylamine
Concen: 48.084 ng
RT: 3.352 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



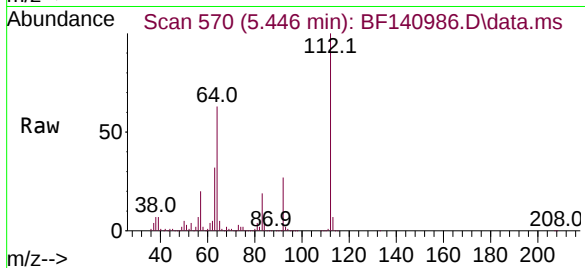
Tgt Ion: 42 Resp: 467012
Ion Ratio Lower Upper
42 100
74 132.3 105.8 158.6
44 7.8 6.6 10.0





#5
2-Fluorophenol
Concen: 132.997 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

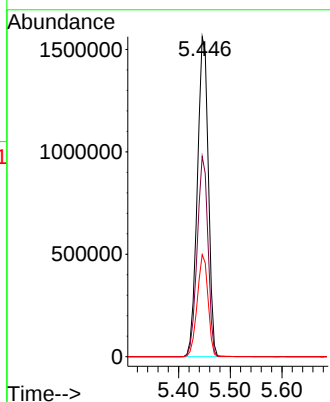
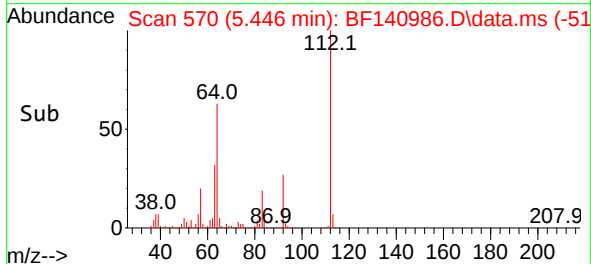
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Tgt Ion:112 Resp: 2304194
Ion Ratio Lower Upper
112 100
64 62.6 47.7 71.5
63 31.9 24.2 36.2

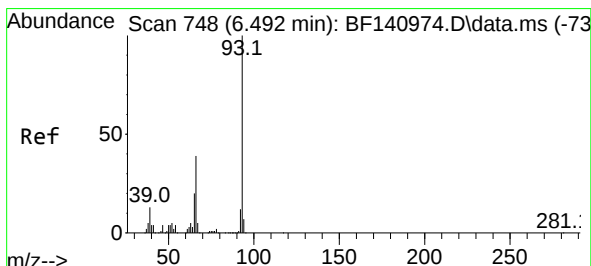
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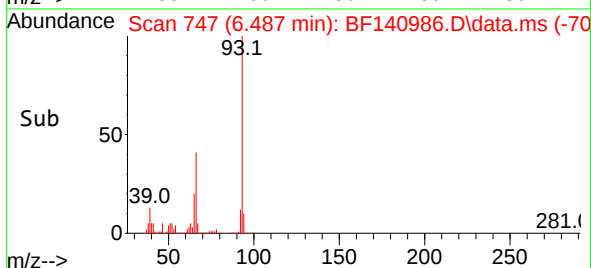
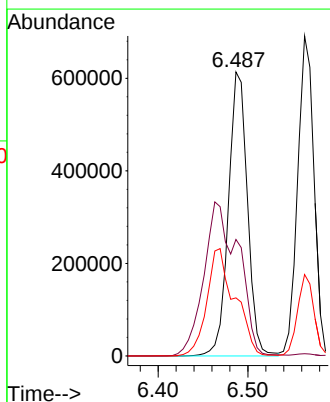
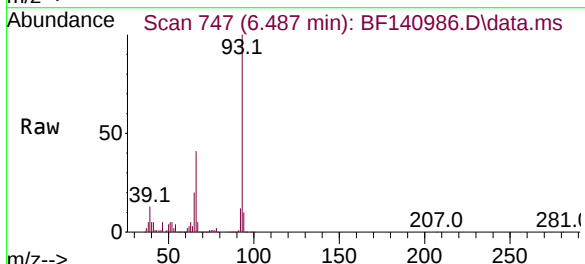
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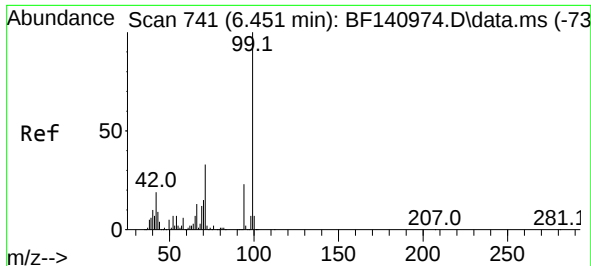
12/30/2024



#6
Aniline
Concen: 45.473 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.023 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

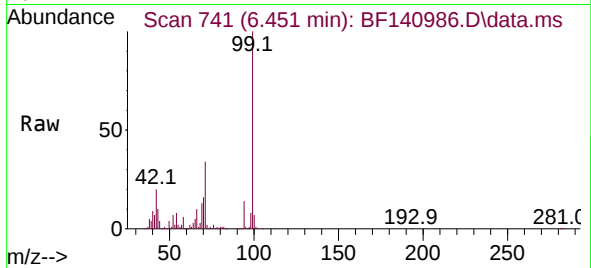
Tgt Ion: 93 Resp: 905142
Ion Ratio Lower Upper
93 100
66 41.0 31.8 47.8
65 20.5 15.4 23.0





#7
Phenol-d6
Concen: 132.269 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

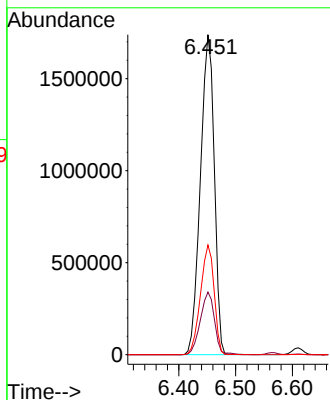
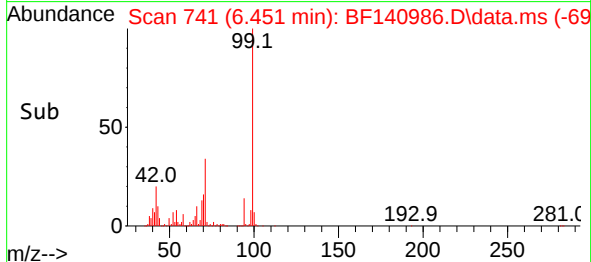
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Tgt Ion: 99 Resp: 2952040
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 34.2 26.2 39.2

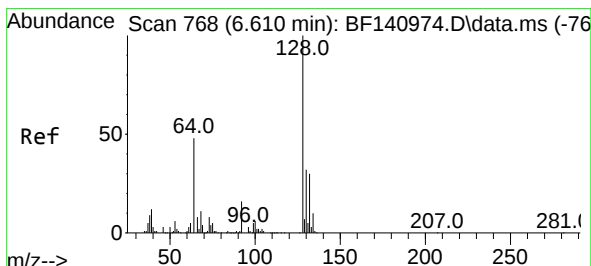
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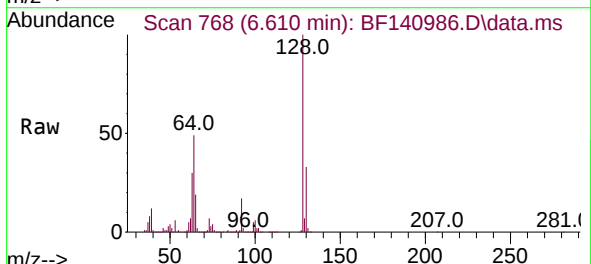


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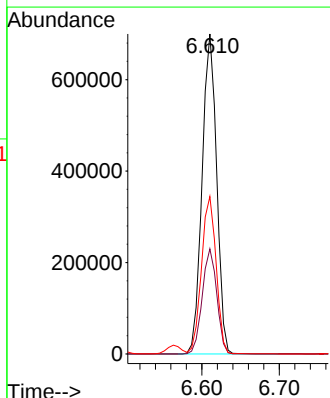
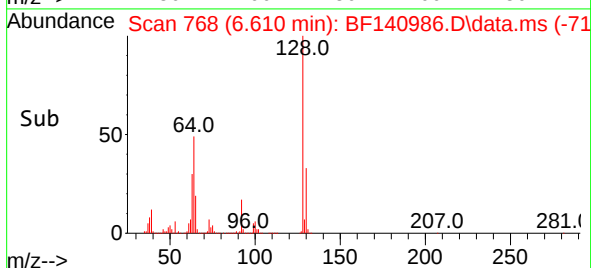
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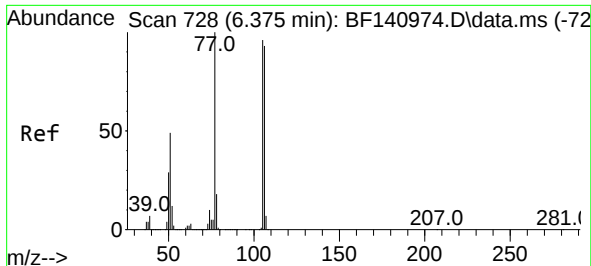


#8
2-Chlorophenol
Concen: 49.993 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



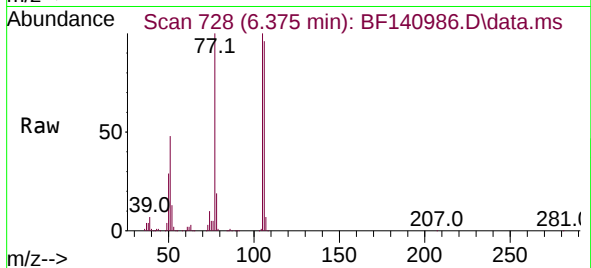
Tgt Ion:128 Resp: 913187
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 49.2 30.3 70.3





#9
Benzaldehyde
Concen: 12.400 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

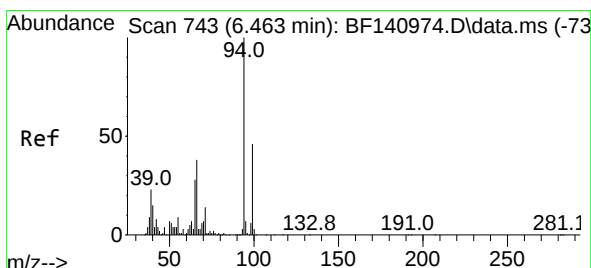
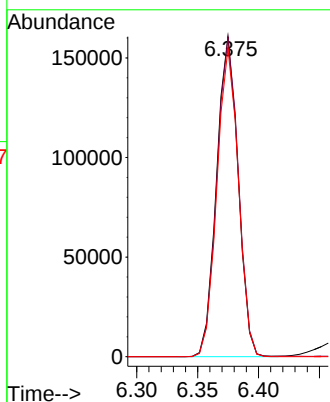
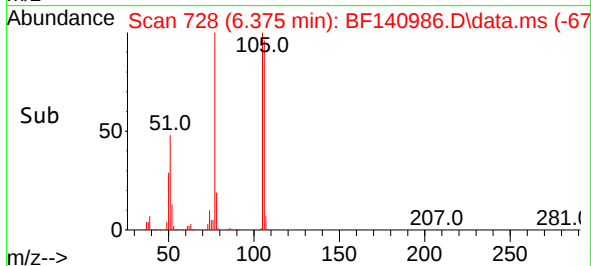
Instrument :
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PB165790BS



Tgt Ion: 77 Resp: 197600
Ion Ratio Lower Upper
77 100
105 99.8 76.2 116.2
106 96.4 73.4 113.4

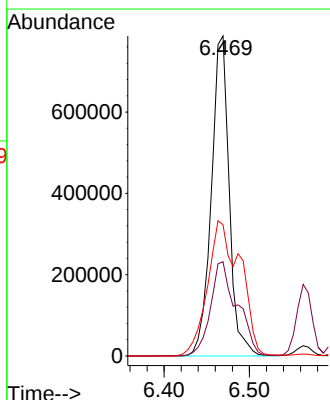
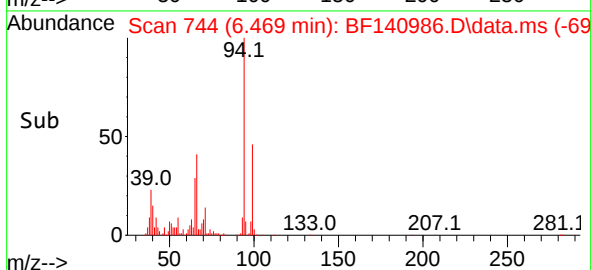
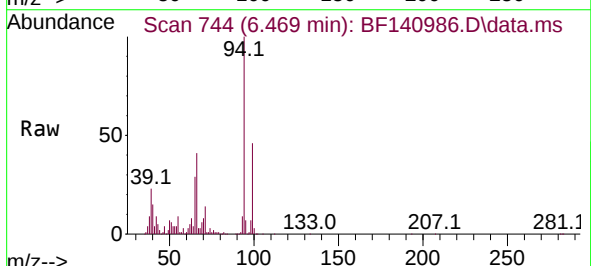
Manual Integrations
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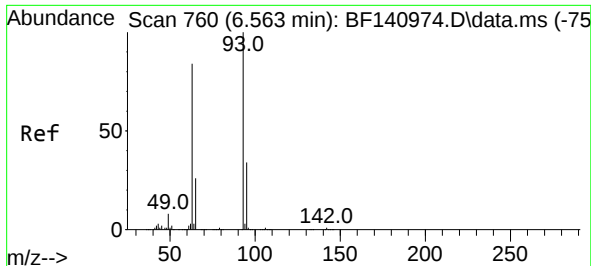
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Phenol
Concen: 49.810 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion: 94 Resp: 1149507
Ion Ratio Lower Upper
94 100
65 29.5 8.1 48.1
66 41.0 18.7 58.7





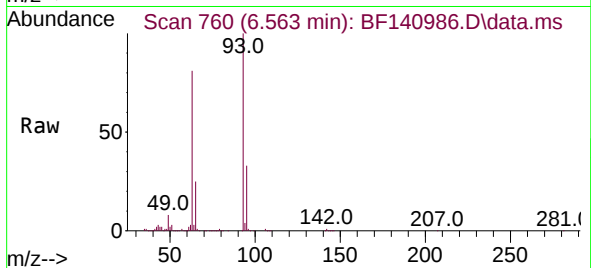
#11
bis(2-Chloroethyl)ether
Concen: 46.270 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

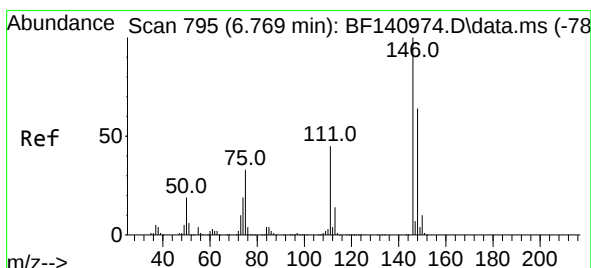
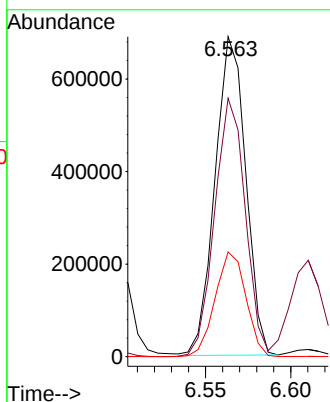
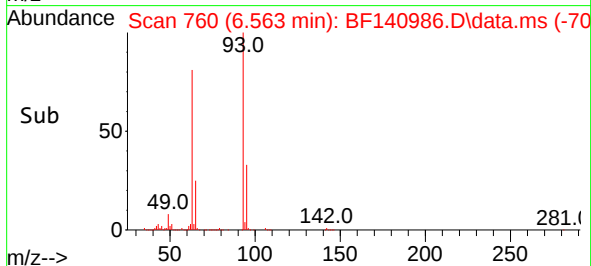
PB165790BS



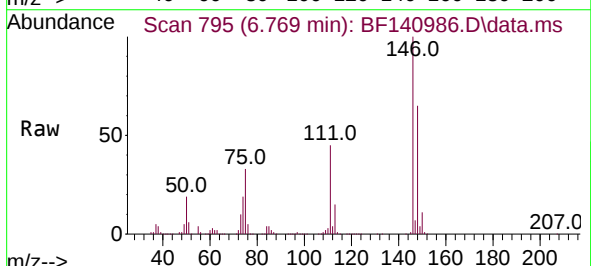
Tgt Ion: 93 Resp: 86220
Ion Ratio Lower Upper
93 100
63 80.7 60.3 100.3
95 32.8 12.2 52.2

Manual Integrations
APPROVED

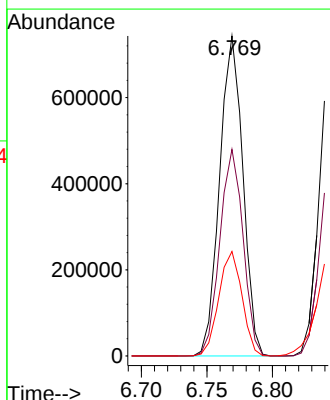
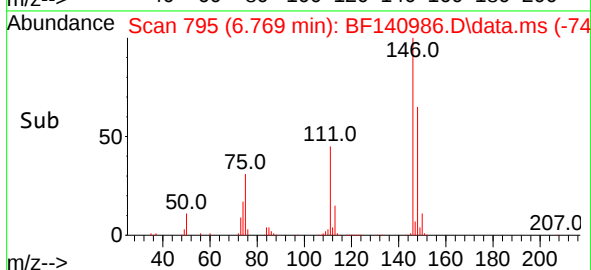
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

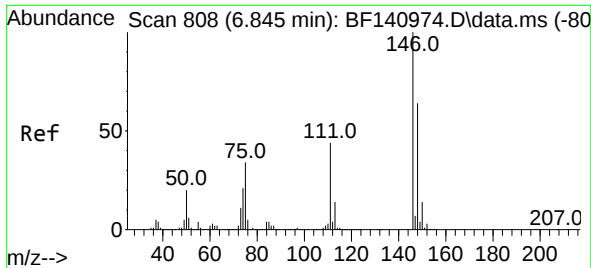


#12
1,3-Dichlorobenzene
Concen: 45.415 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:146 Resp: 915505
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 32.7 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 45.845 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

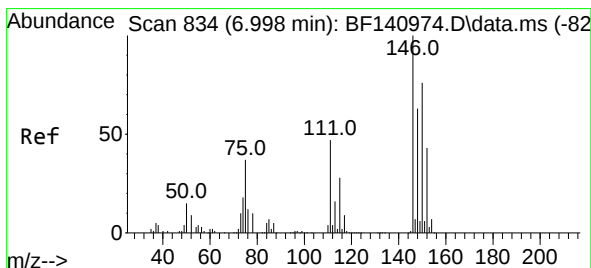
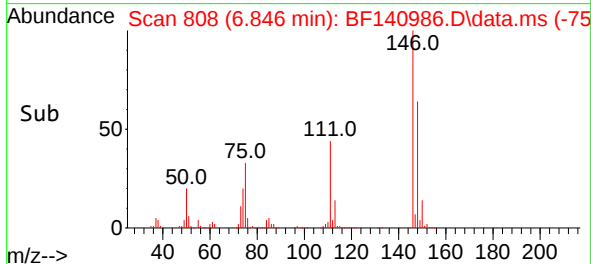
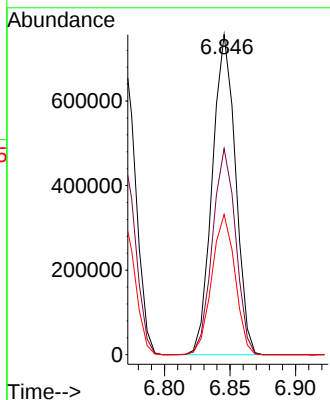
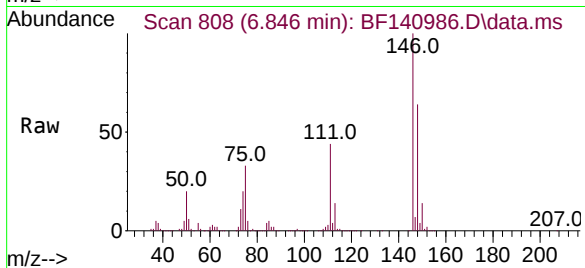
ClientSampleId :

PB165790BS

Tgt Ion:146 Resp: 931640
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
111 43.8 35.3 52.9

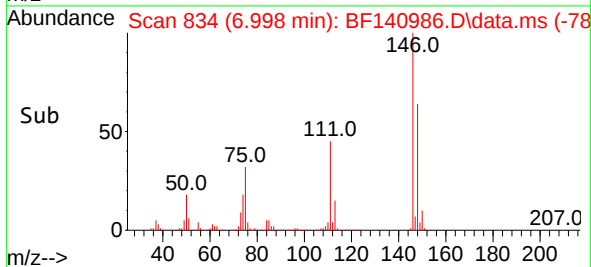
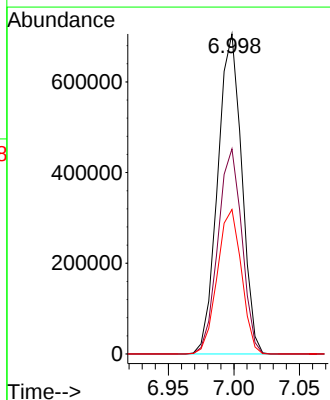
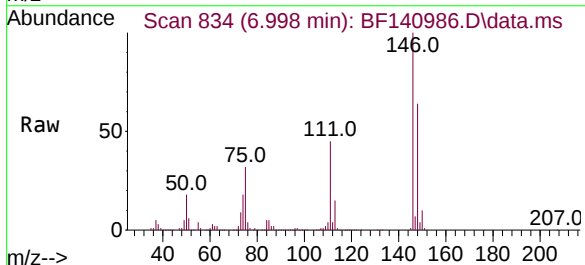
Manual Integrations
APPROVED

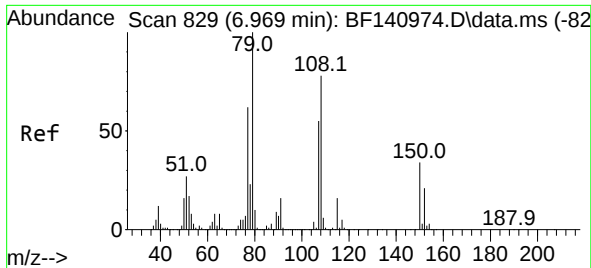
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
1,2-Dichlorobenzene
Concen: 47.411 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

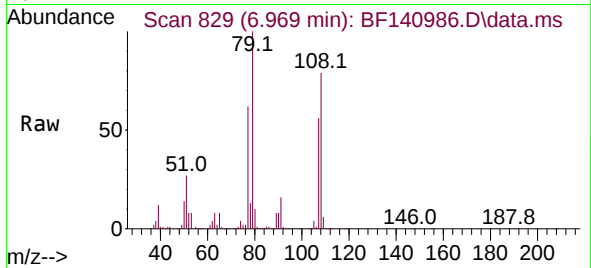
Tgt Ion:146 Resp: 898301
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 45.2 37.3 55.9





#15
Benzyl Alcohol
Concen: 49.673 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

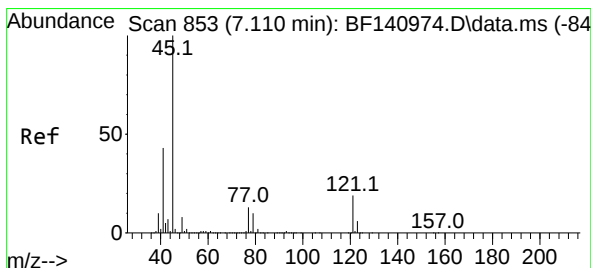
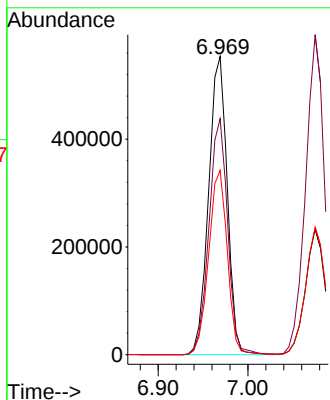
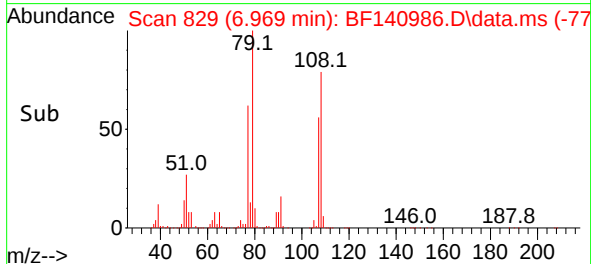
Instrument :
BNA_F
ClientSampleId :
PB165790BS



Tgt Ion: 79 Resp: 796662
Ion Ratio Lower Upper
79 100
108 79.1 62.5 93.7
77 61.8 49.3 73.9

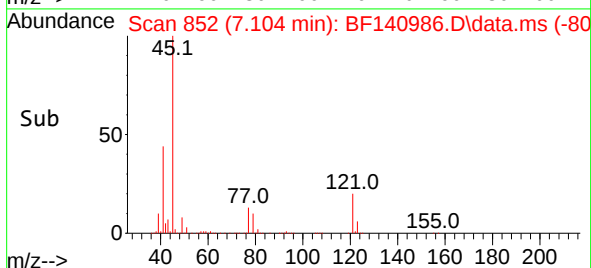
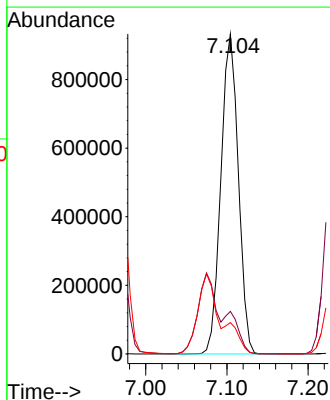
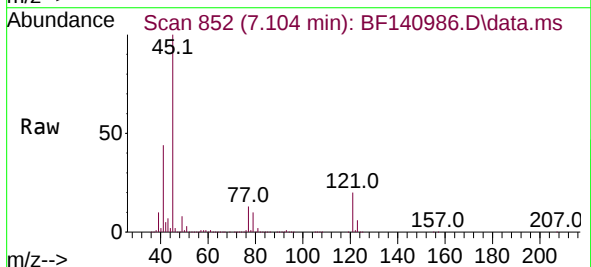
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.416 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion: 45 Resp: 1392551
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.1
79 9.8 0.0 30.1





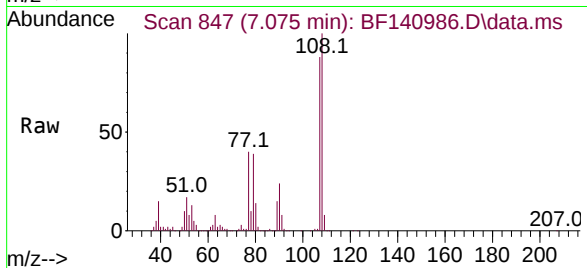
#17
2-Methylphenol
Concen: 49.047 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



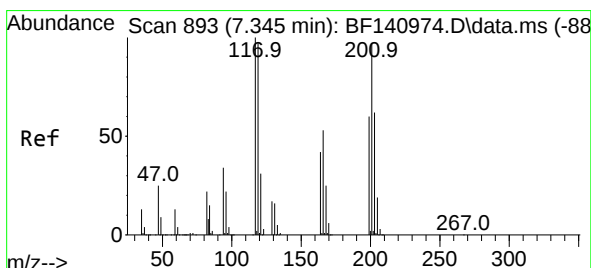
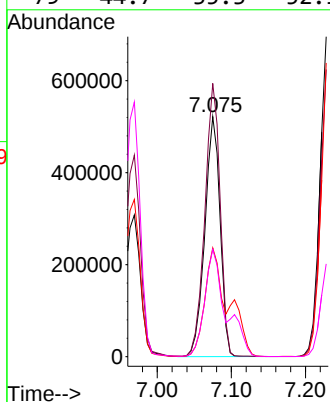
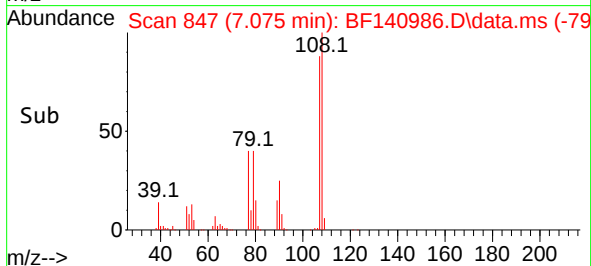
Tgt Ion:107 Resp: 744290
Ion Ratio Lower Upper
107 100
108 113.8 90.6 136.0
77 45.3 35.3 52.9
79 44.7 35.3 52.9

Manual Integrations

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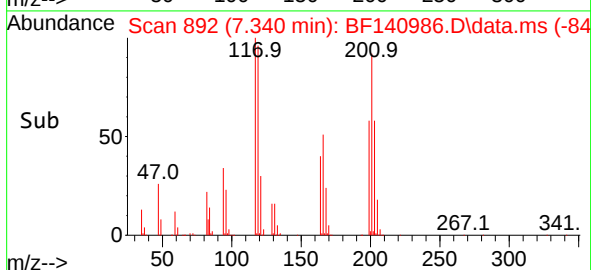
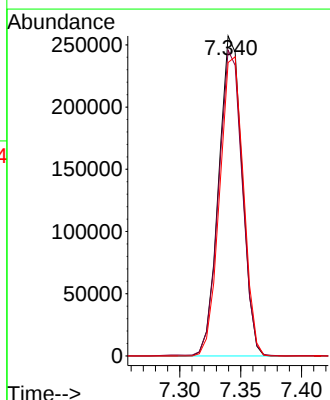
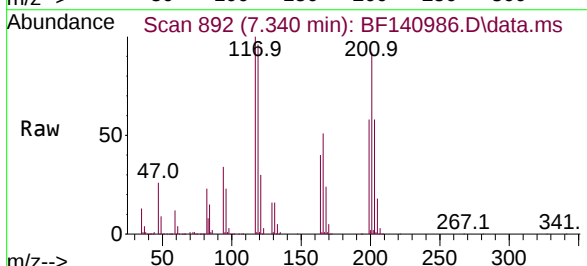
Reviewed By :Yogesh Patel 12/30/2024

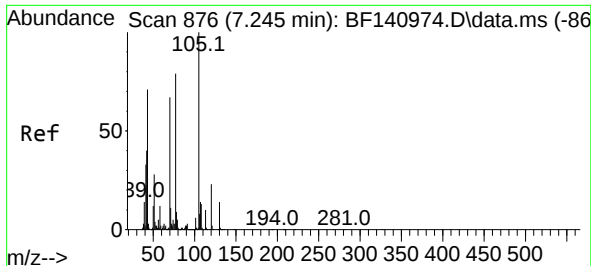
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 47.487 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:117 Resp: 342810
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
201 91.7 77.4 116.2





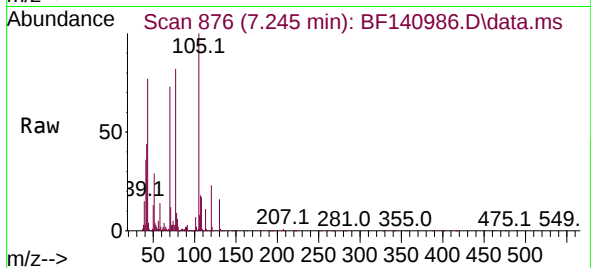
#19
n-Nitroso-di-n-propylamine
Concen: 47.267 ng
RT: 7.245 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



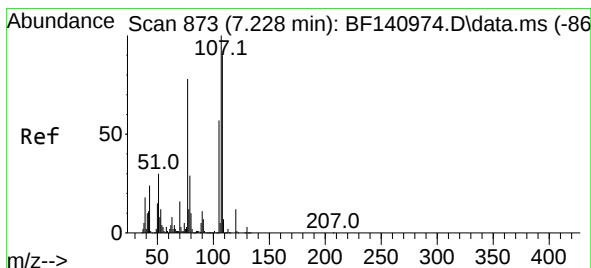
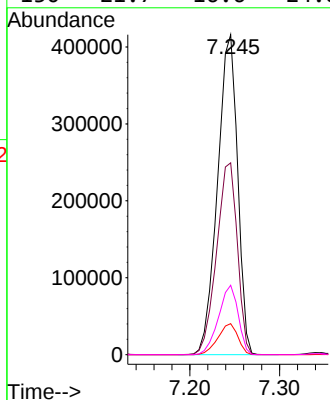
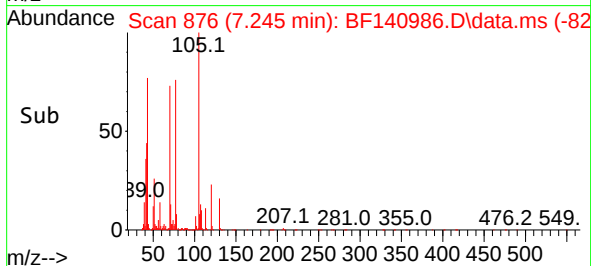
Tgt Ion: 70 Resp: 646290
Ion Ratio Lower Upper
70 100
42 59.9 48.1 72.1
101 9.7 7.6 11.4
130 21.7 16.6 24.8

Manual Integrations

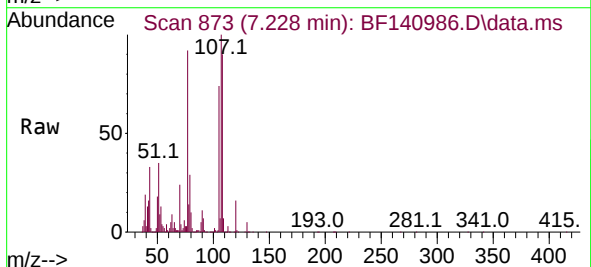
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

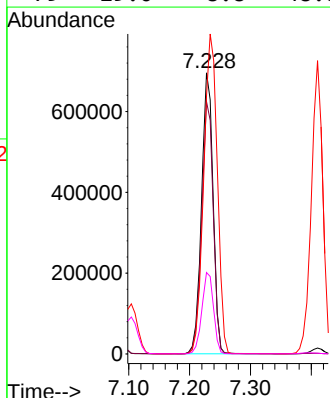
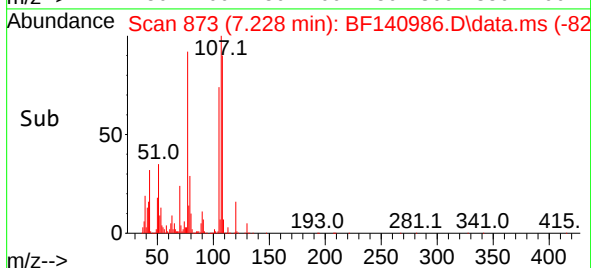
Supervised By :mohammad ahmed 12/30/2024

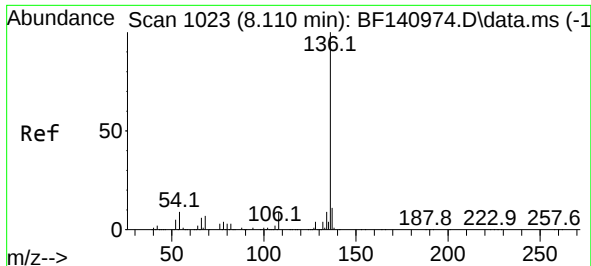


#20
3+4-Methylphenols
Concen: 47.739 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:107 Resp: 916761
Ion Ratio Lower Upper
107 100
108 89.8 69.6 109.6
77 91.8 57.6 97.6
79 29.0 8.8 48.8





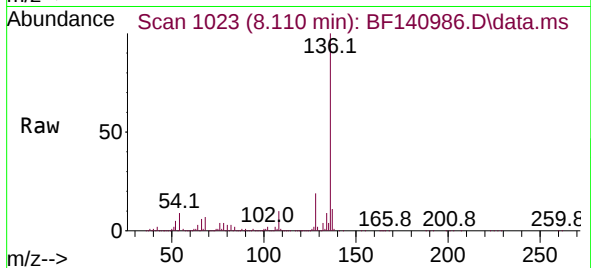
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



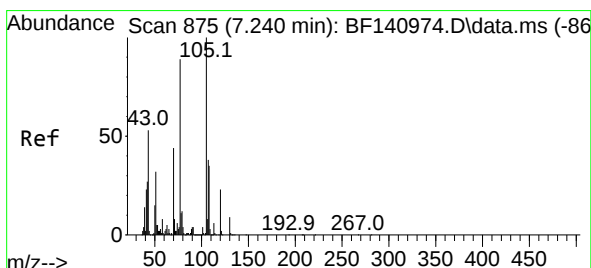
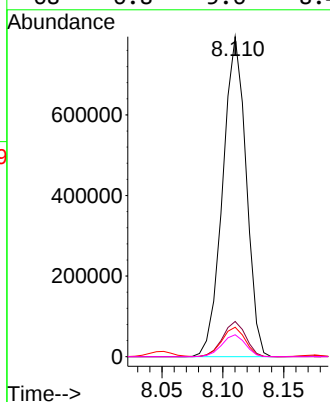
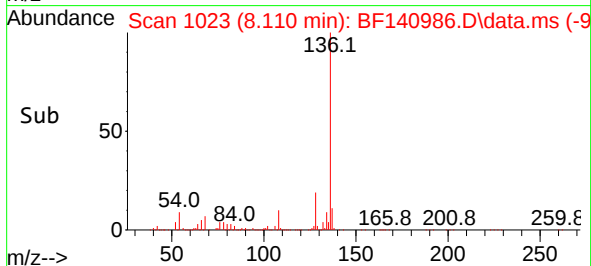
Tgt Ion:136 Resp: 106312
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.2 7.6 11.4
68 6.8 5.6 8.4

Manual Integrations

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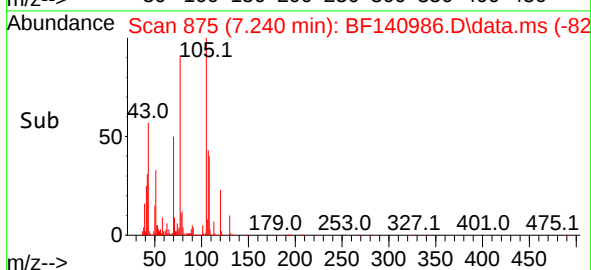
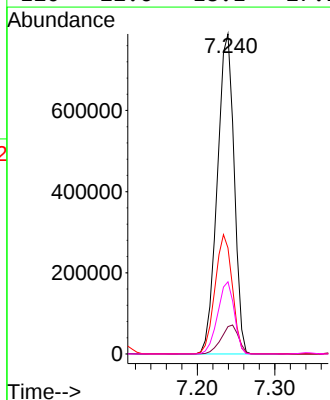
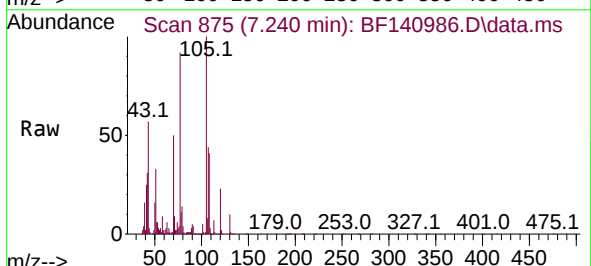
Reviewed By :Yogesh Patel 12/30/2024

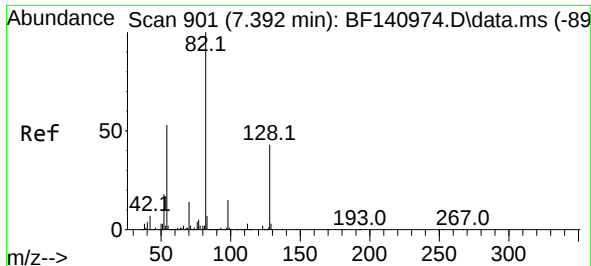
Supervised By :mohammad ahmed 12/30/2024



#22
Acetophenone
Concen: 45.785 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:105 Resp: 1194058
Ion Ratio Lower Upper
105 100
71 8.6 6.1 9.1
51 33.2 25.8 38.6
120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 108.637 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS

Tgt Ion: 82 Resp: 180523

Ion Ratio Lower Upper

82 100

128 44.0 34.4 51.6

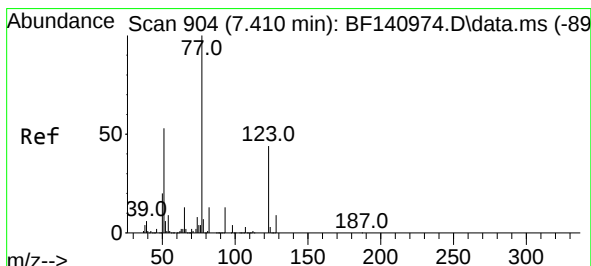
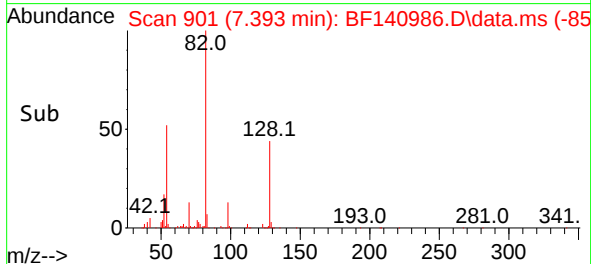
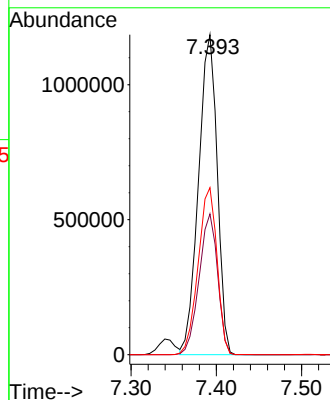
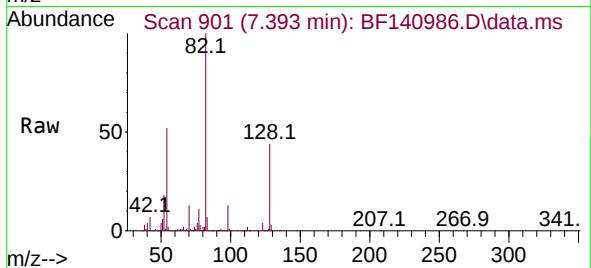
54 52.2 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 50.806 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

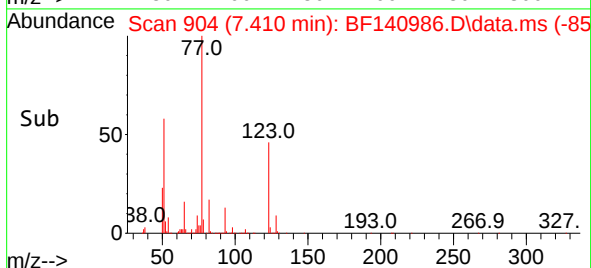
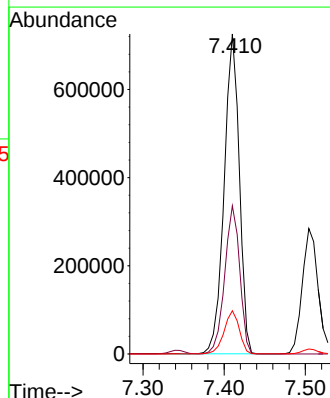
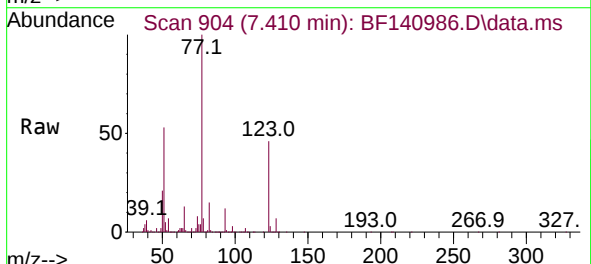
Tgt Ion: 77 Resp: 943351

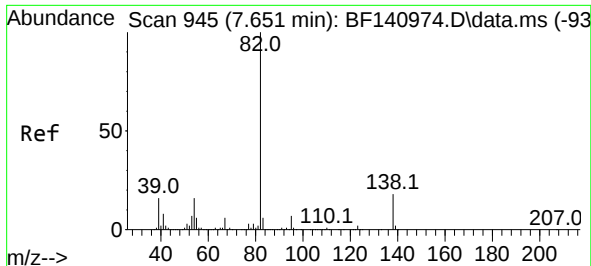
Ion Ratio Lower Upper

77 100

123 46.3 35.4 53.2

65 13.5 10.7 16.1





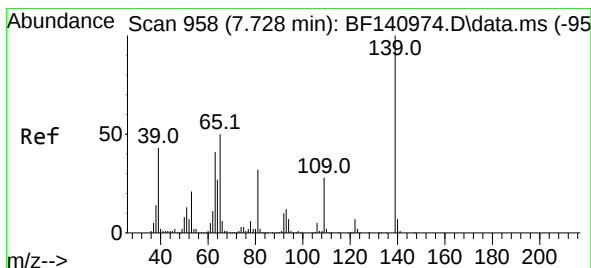
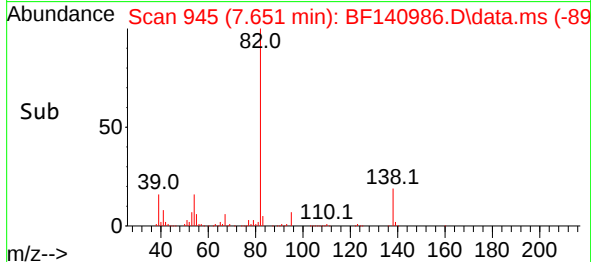
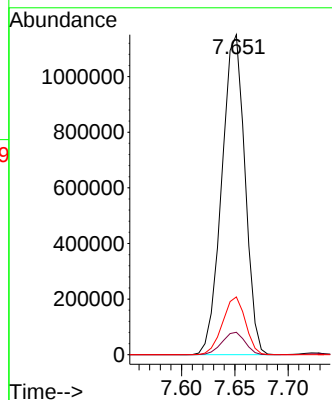
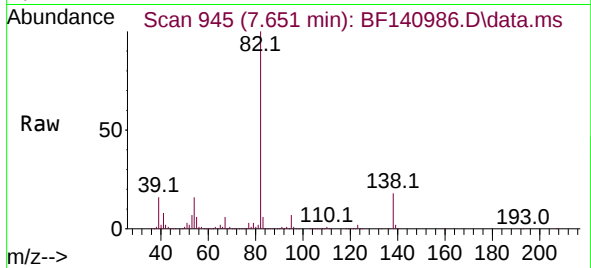
#25
Isophorone
Concen: 48.168 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :
BNA_F
ClientSampleId :
PB165790BS

Tgt Ion: 82 Resp: 1741718
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.0 14.6 21.8

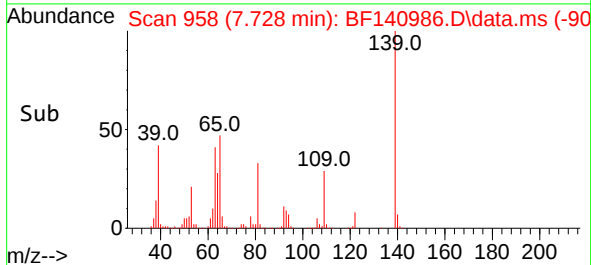
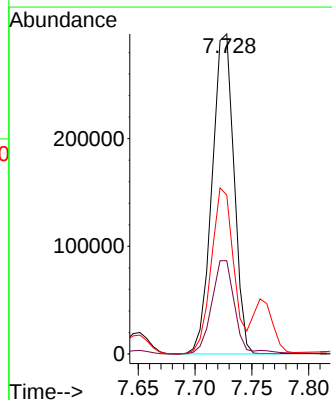
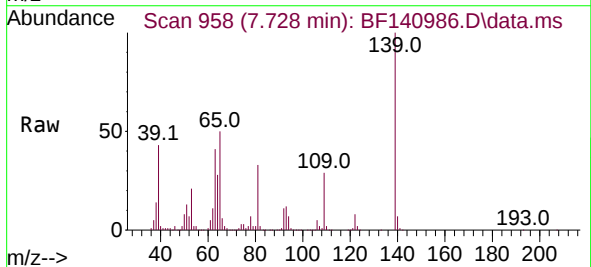
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 51.945 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:139 Resp: 398990
Ion Ratio Lower Upper
139 100
109 29.2 22.2 33.4
65 49.6 40.2 60.4





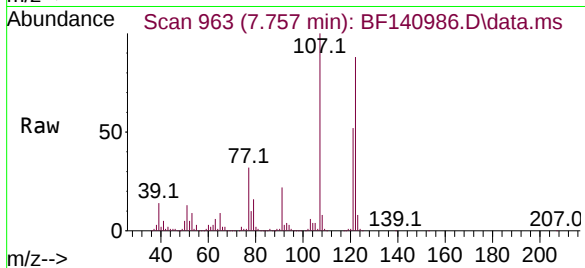
#27
2,4-Dimethylphenol
Concen: 56.189 ng
RT: 7.757 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



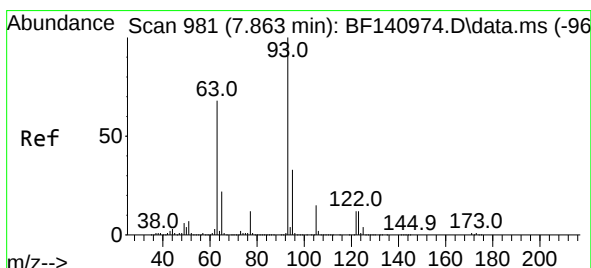
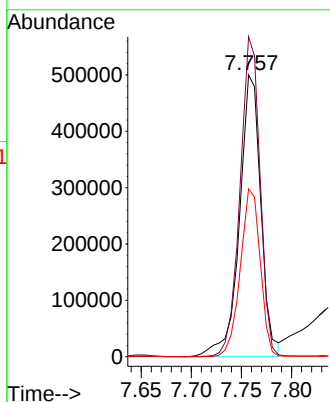
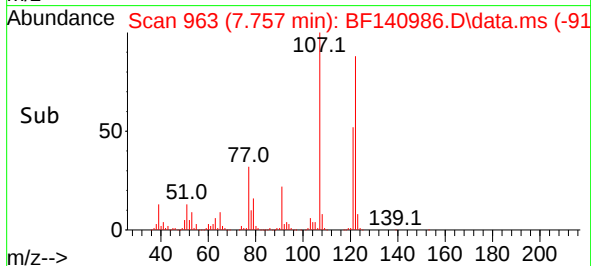
Tgt Ion:122 Resp: 742552
Ion Ratio Lower Upper
122 100
107 113.6 89.4 134.2
121 59.5 46.7 70.1

Manual Integrations

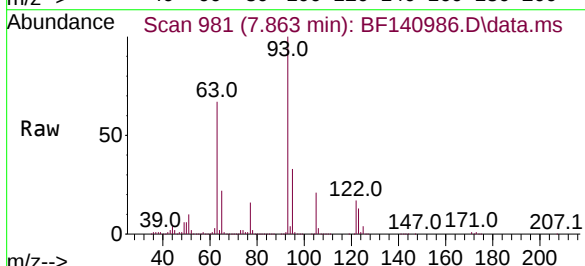
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

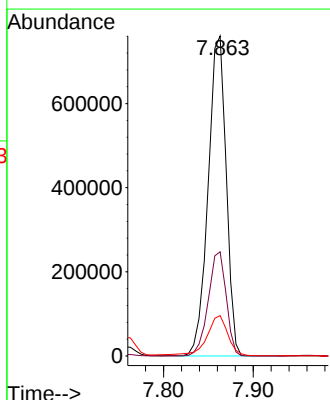
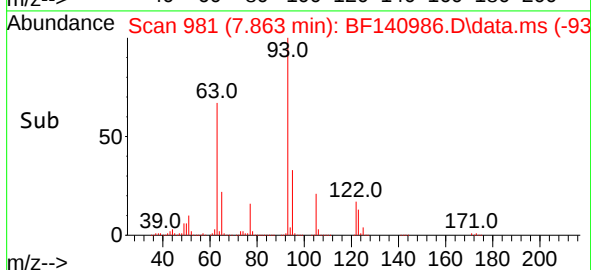
Supervised By :mohammad ahmed 12/30/2024

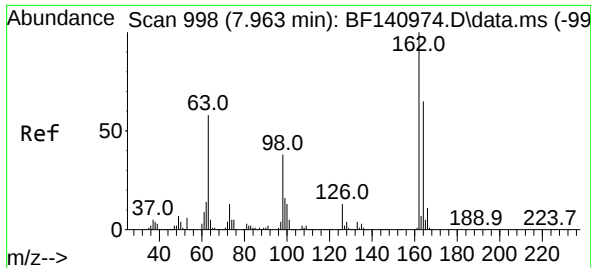


#28
bis(2-Chloroethoxy)methane
Concen: 46.321 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion: 93 Resp: 1061221
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 12.6 9.9 14.9





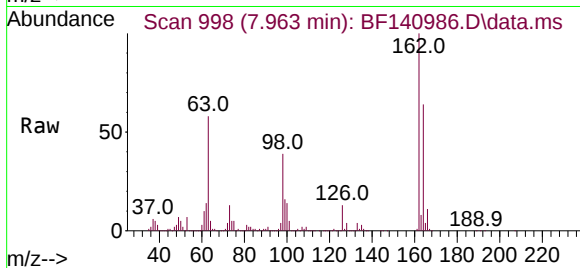
#29
2,4-Dichlorophenol
Concen: 48.509 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

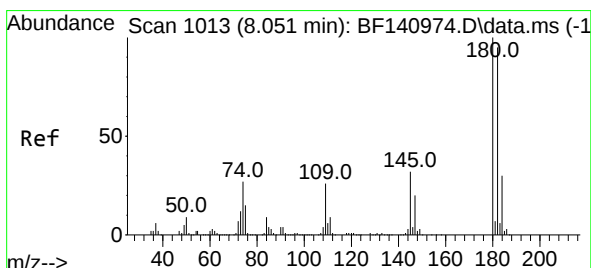
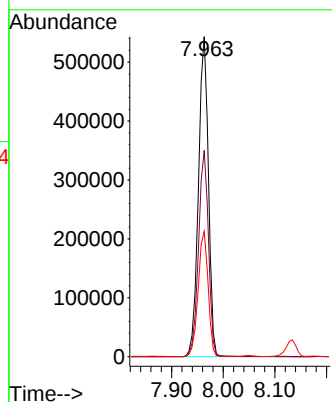
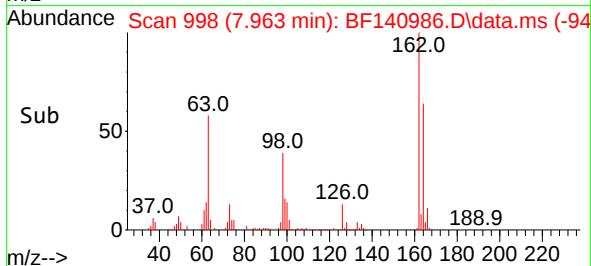
PB165790BS



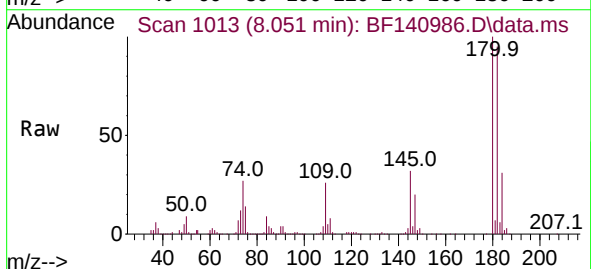
Tgt Ion:162 Resp: 727054
Ion Ratio Lower Upper
162 100
164 64.4 44.8 84.8
98 39.1 18.6 58.6

Manual Integrations
APPROVED

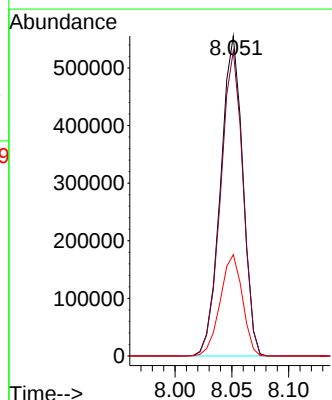
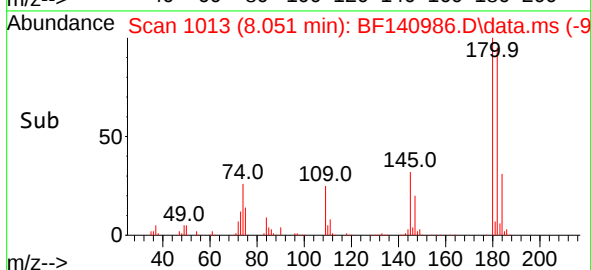
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

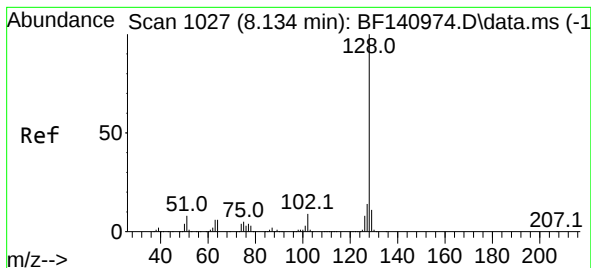


#30
1,2,4-Trichlorobenzene
Concen: 44.450 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:180 Resp: 754054
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.4
145 31.6 25.4 38.2





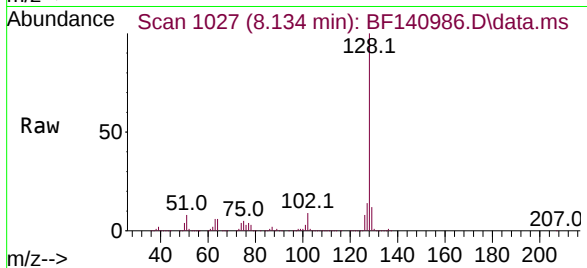
#31
Naphthalene
Concen: 46.028 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



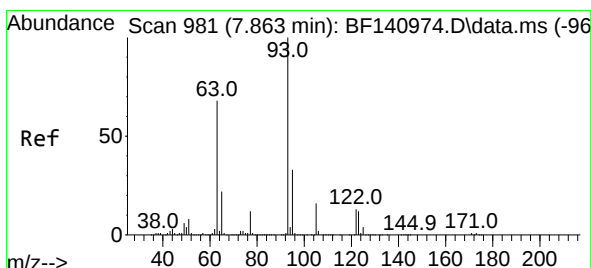
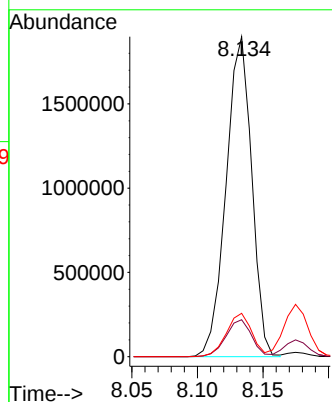
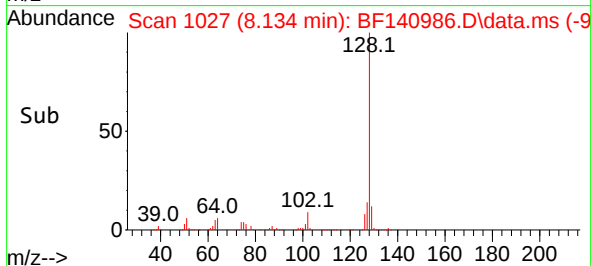
Tgt Ion:128 Resp: 2578510
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 11.0 16.4

Manual Integrations

APPROVED

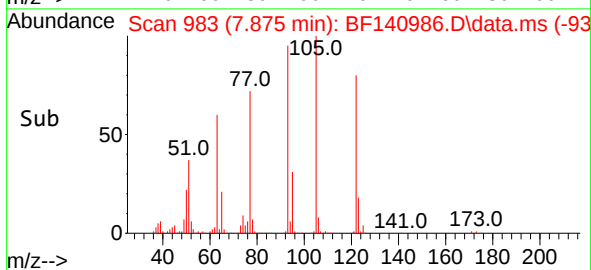
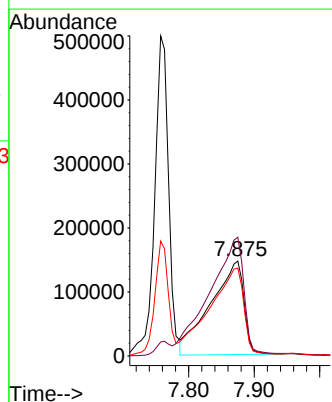
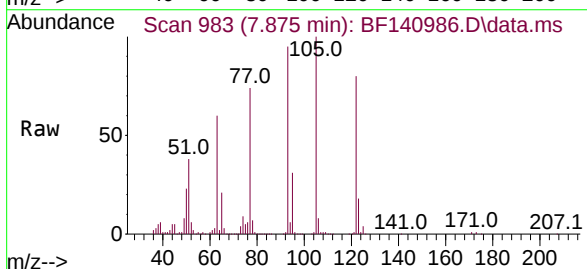
Reviewed By :Yogesh Patel 12/30/2024

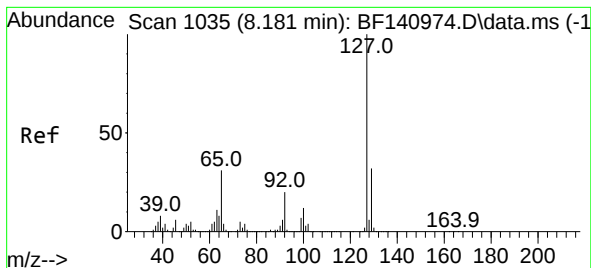
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 47.610 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:122 Resp: 516972
Ion Ratio Lower Upper
122 100
105 125.2 105.4 145.4
77 92.7 76.4 116.4





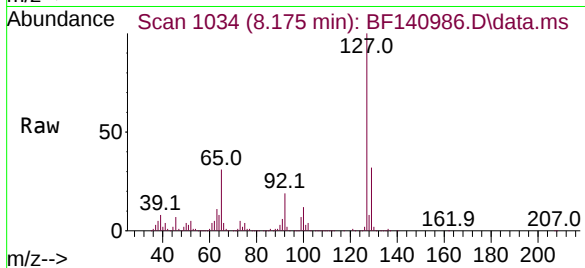
#33
4-Chloroaniline
Concen: 20.066 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



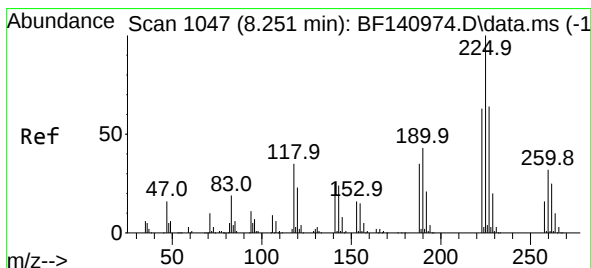
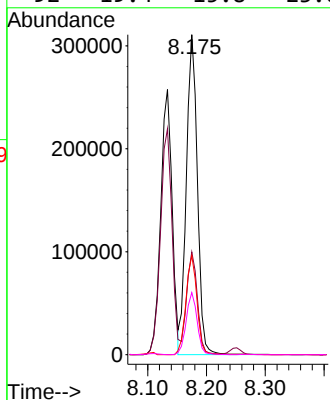
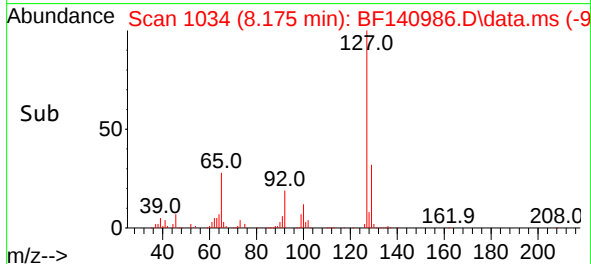
Tgt Ion:127 Resp: 406674
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1
65 30.9 24.6 37.0
92 19.4 15.8 23.6

Manual Integrations

APPROVED

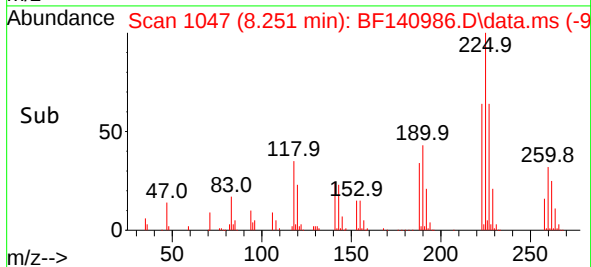
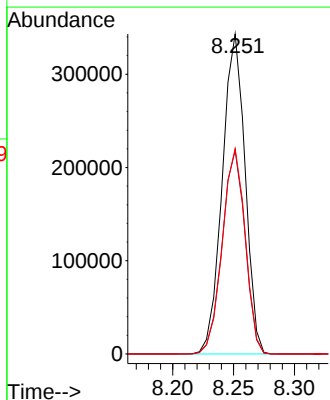
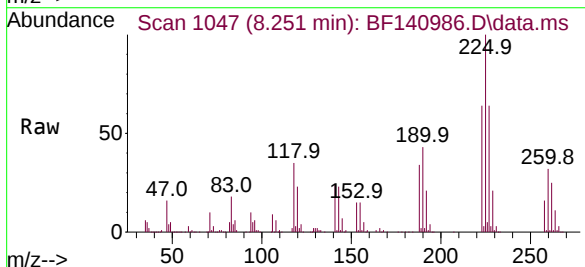
Reviewed By :Yogesh Patel 12/30/2024

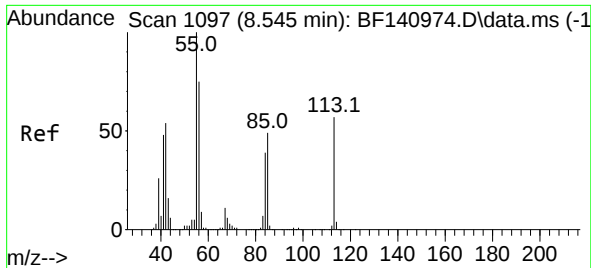
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 44.755 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

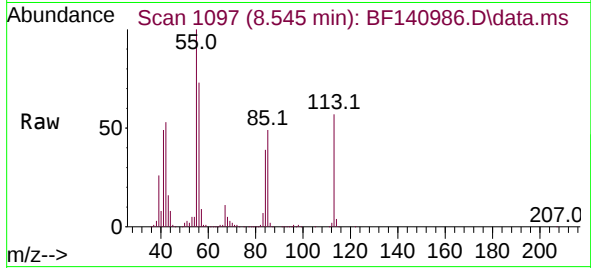
Tgt Ion:225 Resp: 447591
Ion Ratio Lower Upper
225 100
223 63.5 50.3 75.5
227 64.2 50.8 76.2





#35
Caprolactam
Concen: 48.390 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

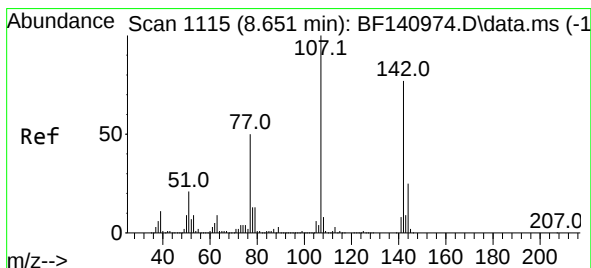
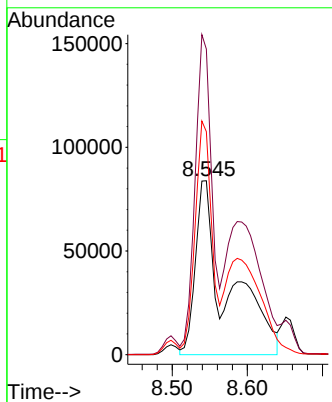
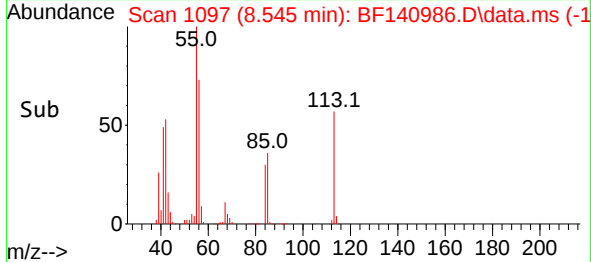
Instrument :
BNA_F
ClientSampleId :
PB165790BS



Tgt Ion:113 Resp: 24656
Ion Ratio Lower Upper
113 100
55 175.7 156.6 196.6
56 128.3 111.7 151.7

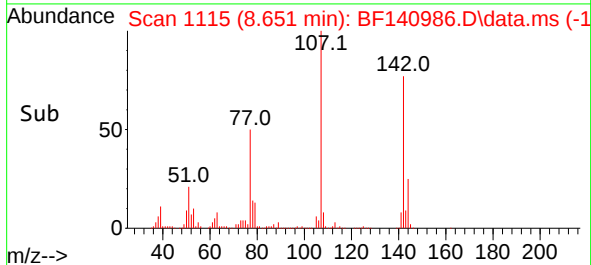
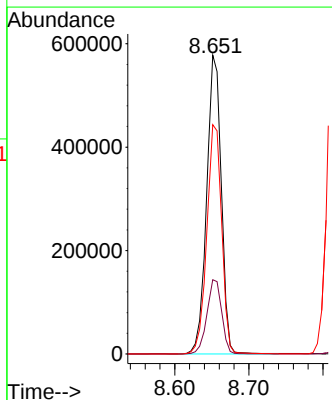
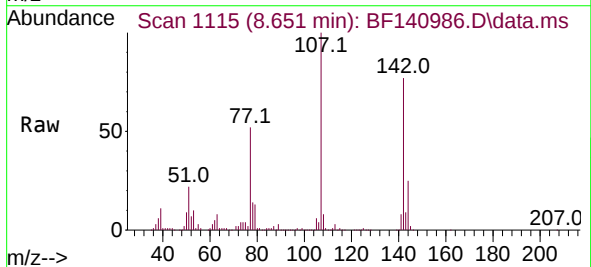
Manual Integrations
APPROVED

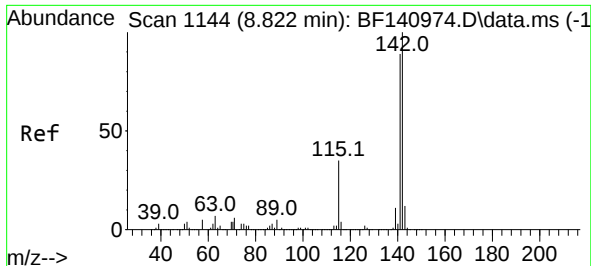
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#36
4-Chloro-3-methylphenol
Concen: 47.628 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:107 Resp: 792766
Ion Ratio Lower Upper
107 100
144 24.8 19.9 29.9
142 76.7 61.8 92.8





#37
2-Methylnaphthalene
Concen: 46.393 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

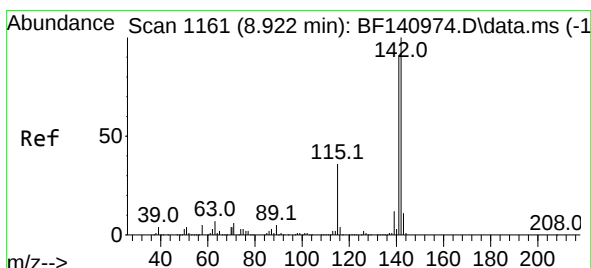
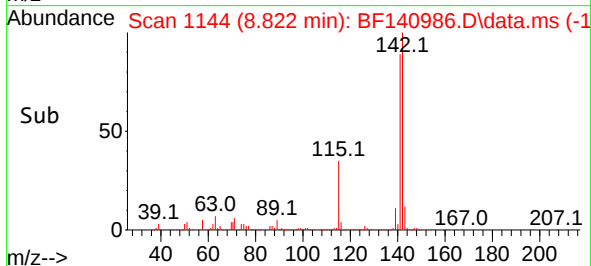
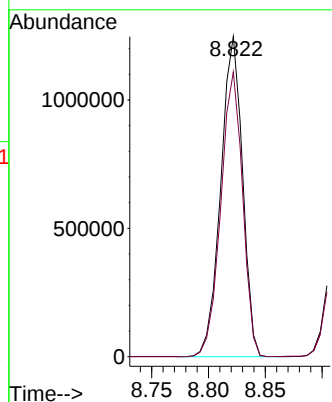
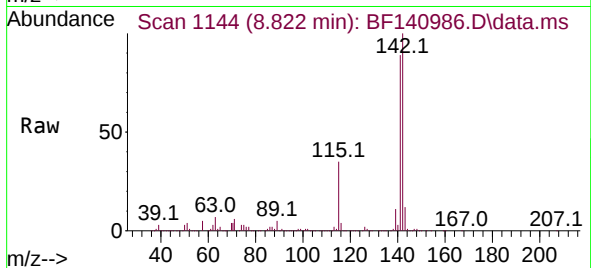
PB165790BS

Tgt Ion:142 Resp: 1662640
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7

Manual Integrations

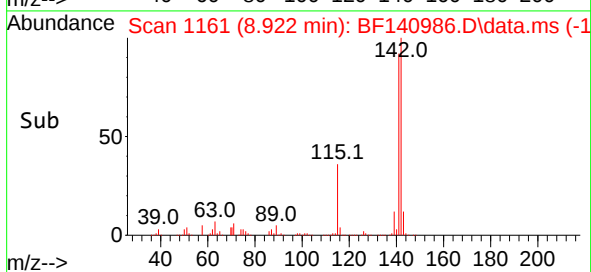
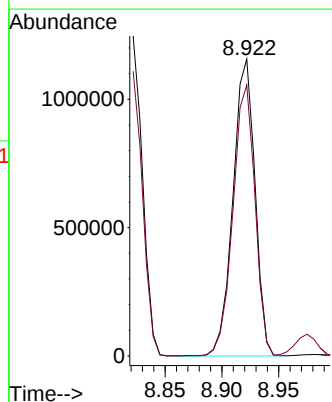
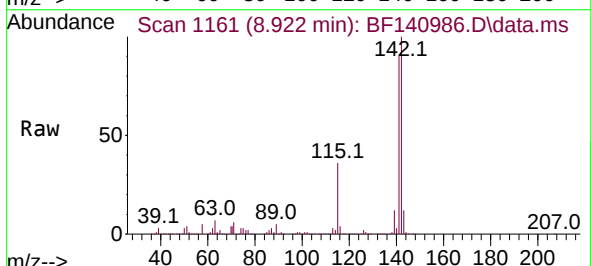
APPROVED

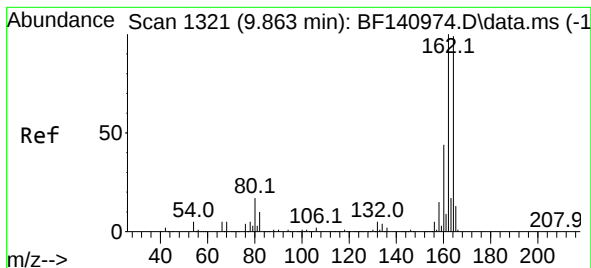
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 44.214 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:142 Resp: 1557262
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140986.D

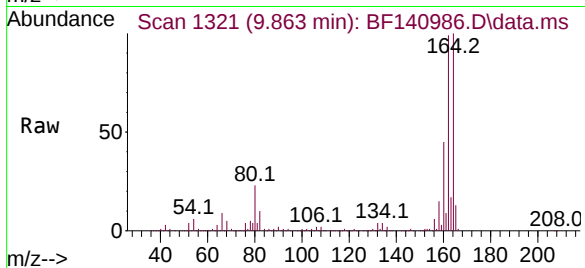
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



Tgt Ion:164 Resp: 57404

Ion Ratio Lower Upper

164 100

162 99.3 80.6 120.8

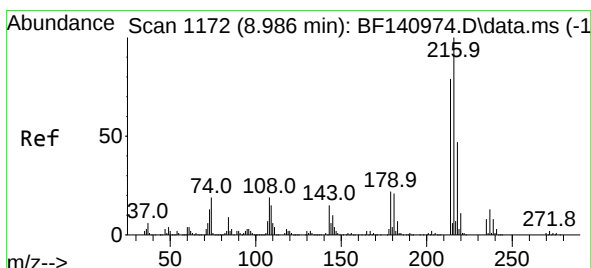
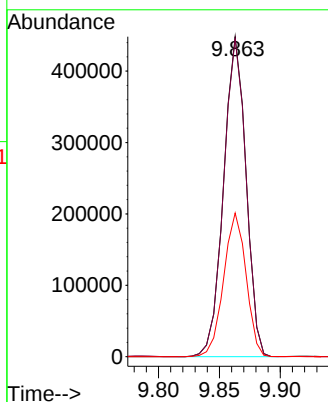
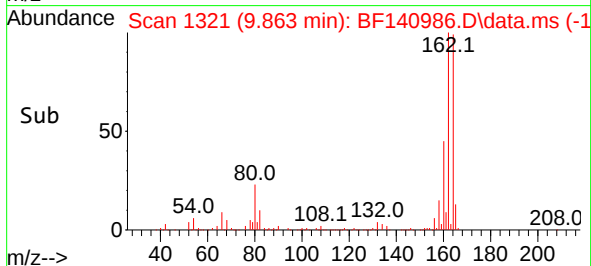
160 44.9 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.399 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

Tgt Ion:216 Resp: 716972

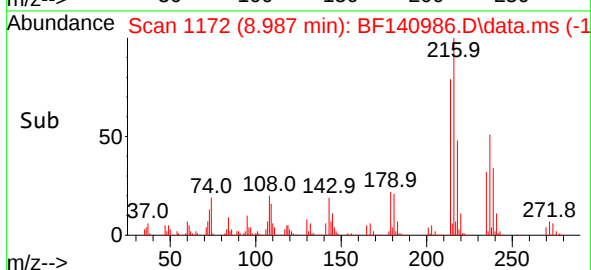
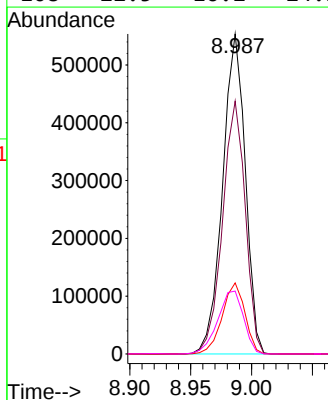
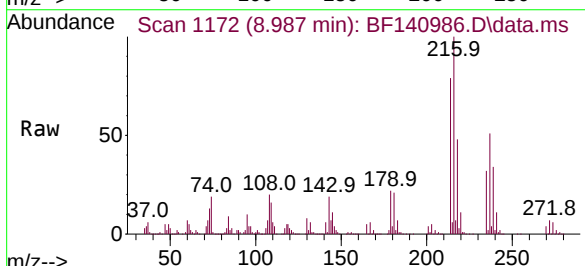
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.6

179 22.3 17.9 26.9

108 22.5 16.2 24.2





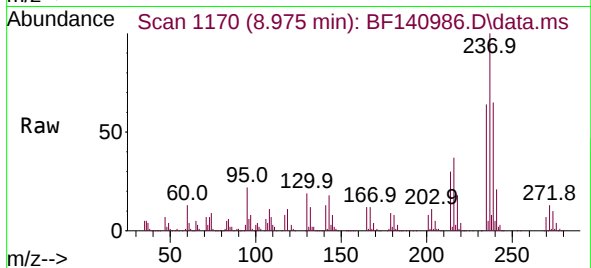
#41
Hexachlorocyclopentadiene
Concen: 165.612 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS

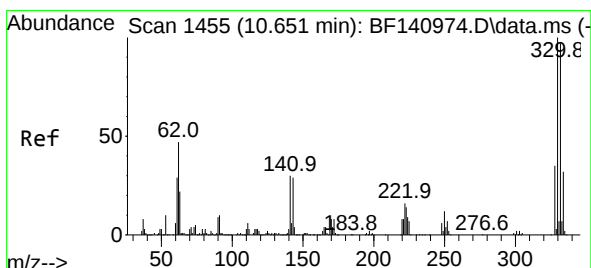
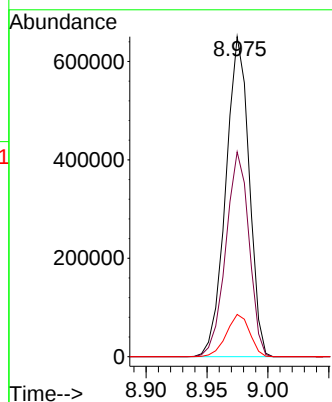
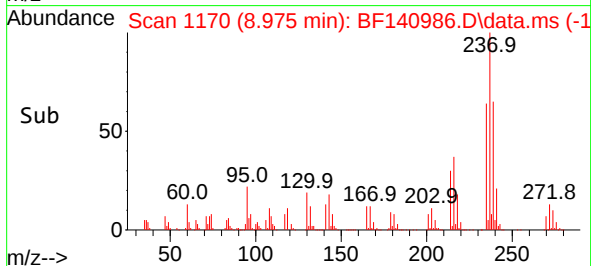


Tgt Ion:237 Resp: 866738
Ion Ratio Lower Upper
237 100
235 64.0 43.4 83.4
272 13.2 0.0 32.6

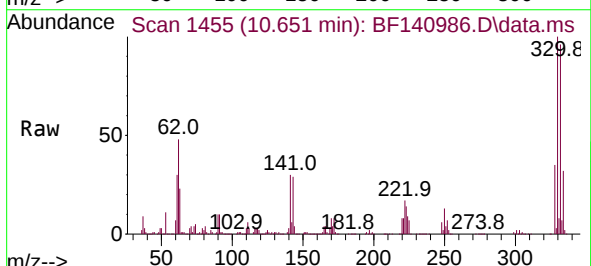
Manual Integrations

APPROVED

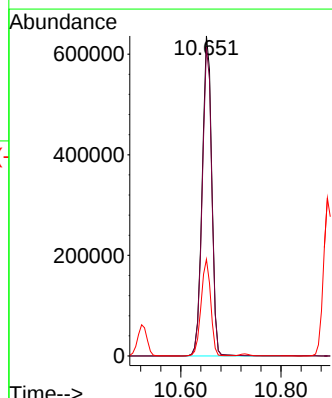
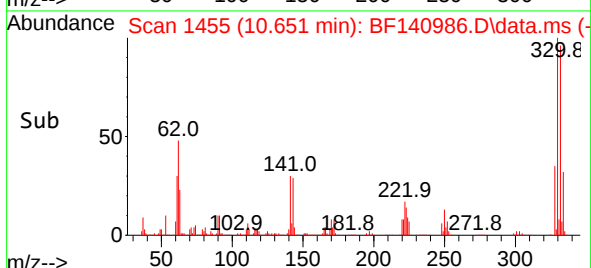
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

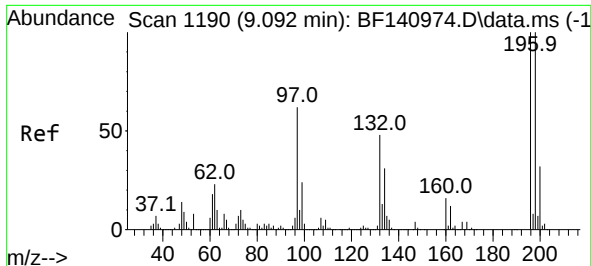


#42
2,4,6-Tribromophenol
Concen: 150.536 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:330 Resp: 839700
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 30.4 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 51.016 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF140986.D

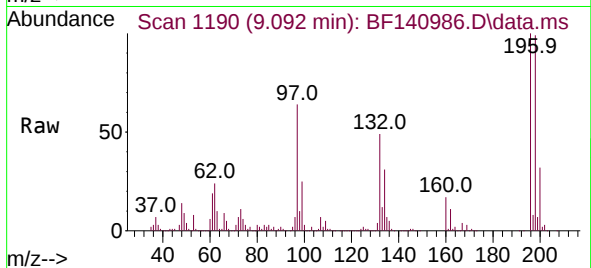
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



Tgt Ion:196 Resp: 536220

Ion Ratio Lower Upper

196 100

198 98.8 80.2 120.4

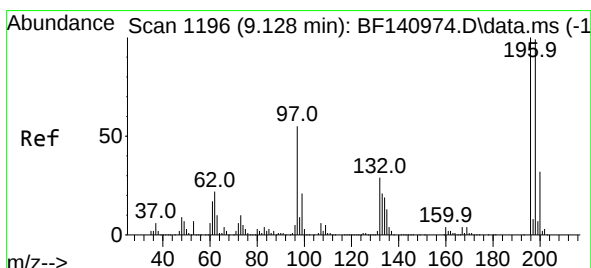
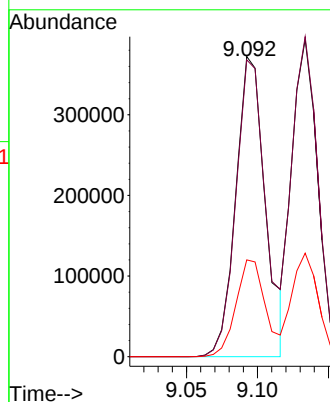
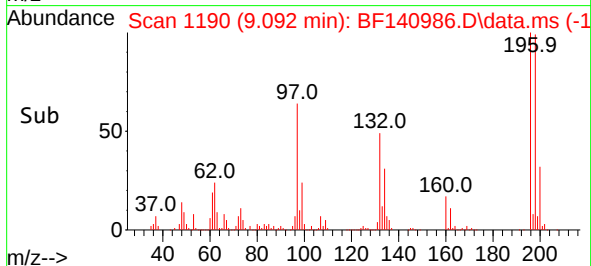
200 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#44

2,4,5-Trichlorophenol

Concen: 46.687 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

Tgt Ion:196 Resp: 502104

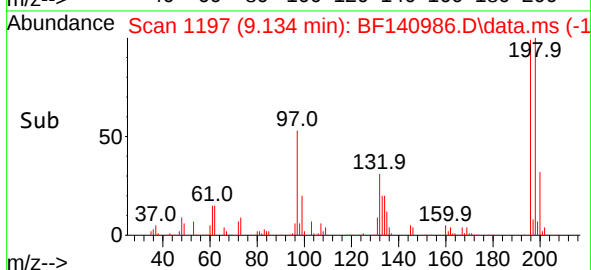
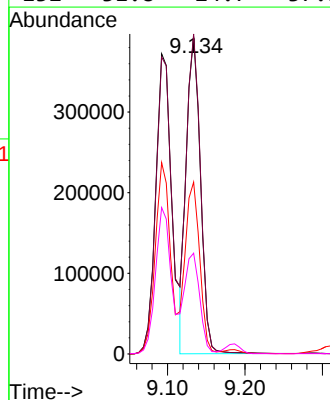
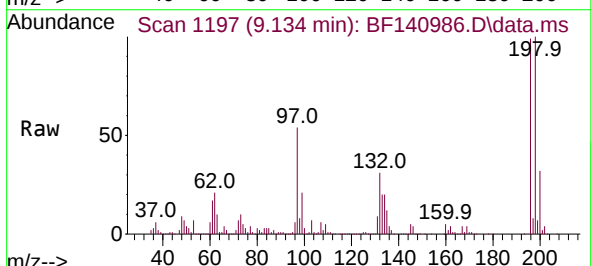
Ion Ratio Lower Upper

196 100

198 100.9 79.9 119.9

97 54.2 44.3 66.5

132 31.8 24.7 37.1





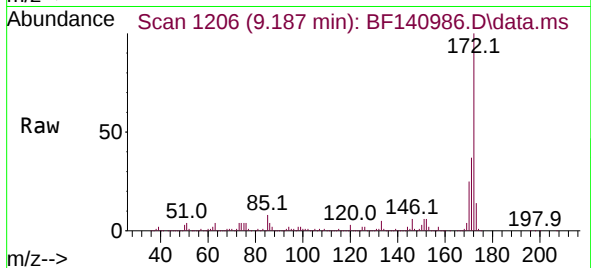
#45
2-Fluorobiphenyl
Concen: 88.253 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



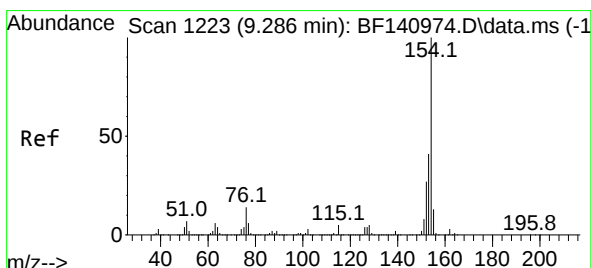
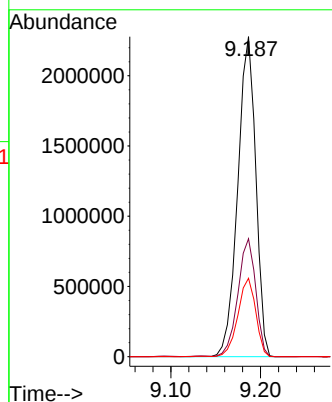
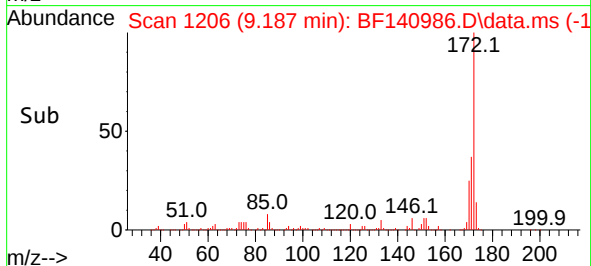
Tgt Ion:172 Resp: 317977
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.4
170 24.5 19.6 29.4

Manual Integrations

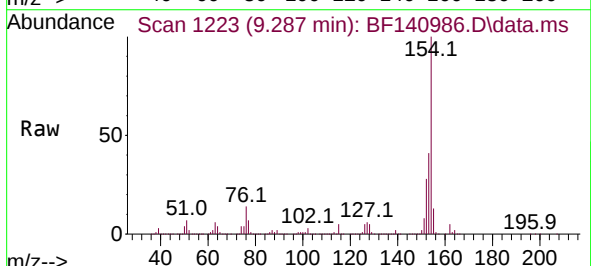
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

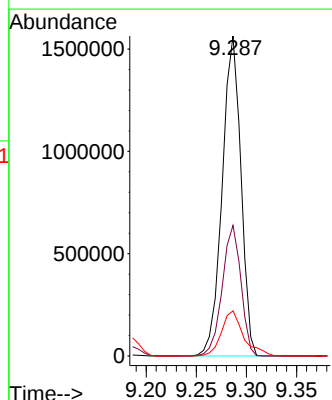
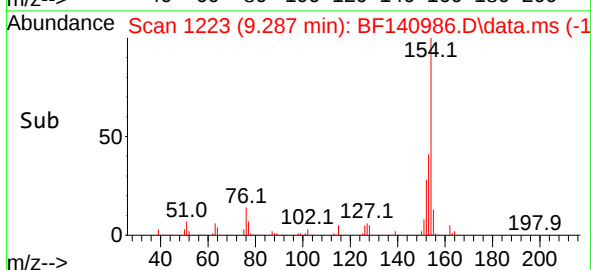
Supervised By :mohammad ahmed 12/30/2024

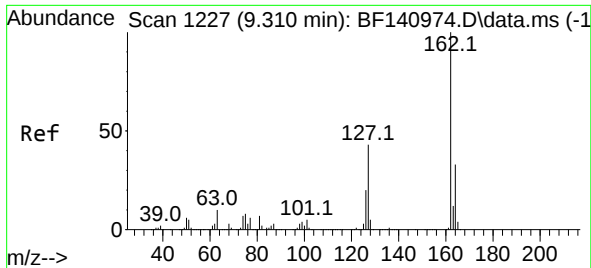


#46
1,1'-Biphenyl
Concen: 46.011 ng
RT: 9.287 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:154 Resp: 2022375
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 14.1 0.0 34.0





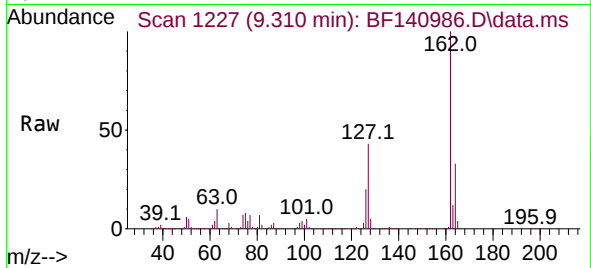
#47
2-Chloronaphthalene
Concen: 44.733 ng
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



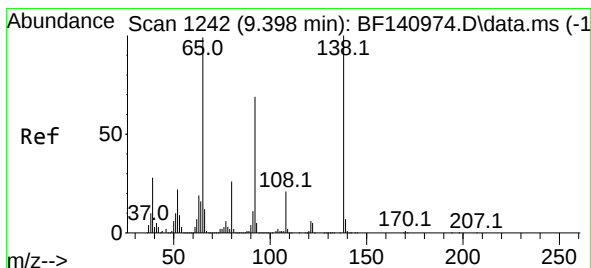
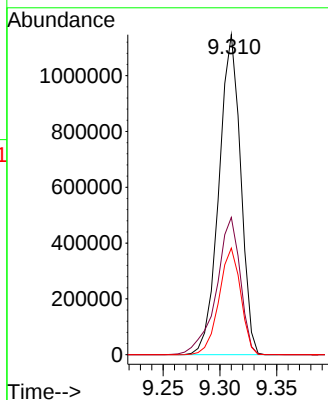
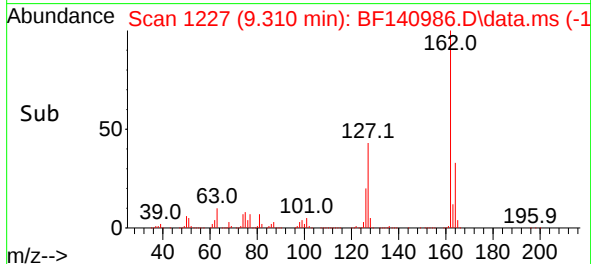
Tgt Ion:162 Resp: 152494
Ion Ratio Lower Upper
162 100
127 42.9 34.2 51.4
164 33.3 26.6 40.0

Manual Integrations

APPROVED

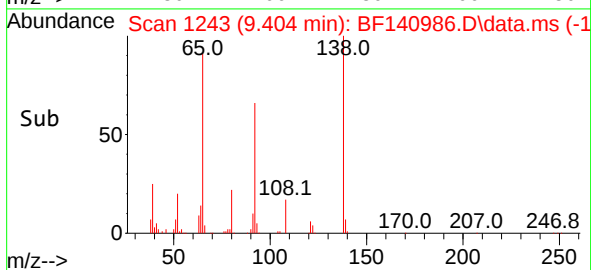
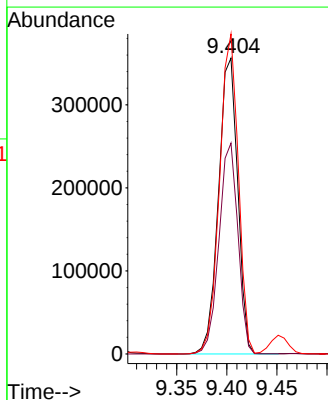
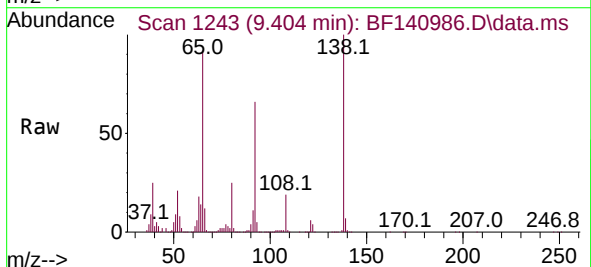
Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#48
2-Nitroaniline
Concen: 52.613 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion: 65 Resp: 473616
Ion Ratio Lower Upper
65 100
92 71.3 55.6 83.4
138 108.2 80.5 120.7





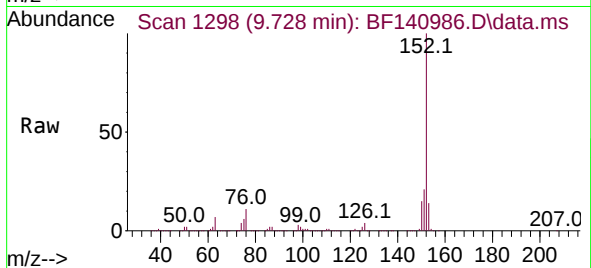
#49
Acenaphthylene
Concen: 48.765 ng
RT: 9.728 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



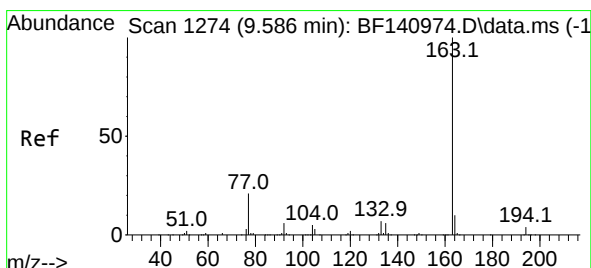
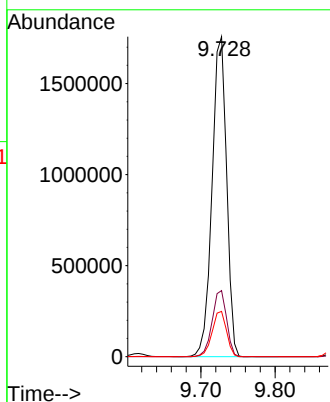
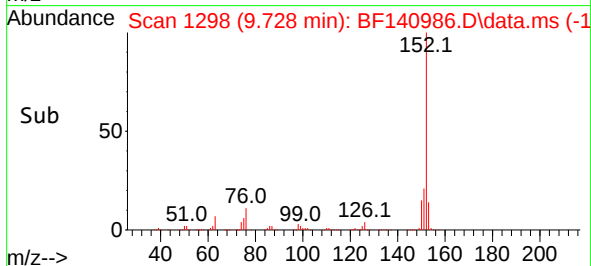
Tgt Ion:152 Resp: 2393074
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.1 11.4 17.0

Manual Integrations

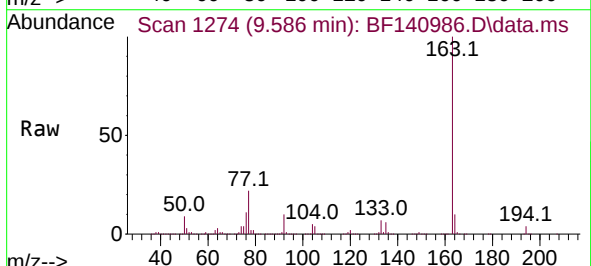
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

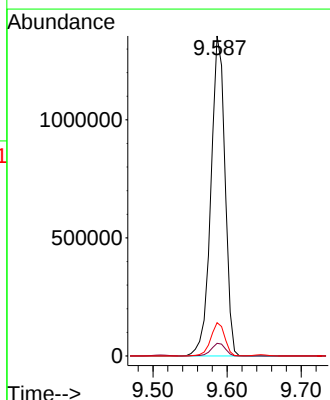
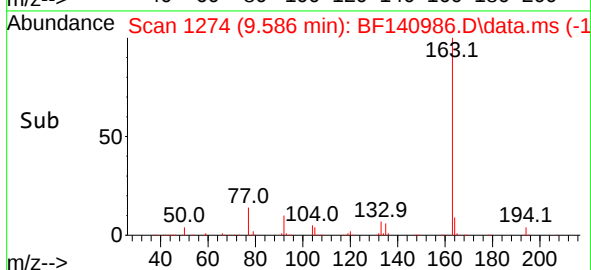
Supervised By :mohammad ahmed 12/30/2024

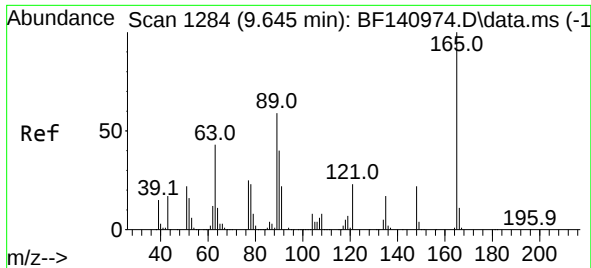


#50
Dimethylphthalate
Concen: 47.393 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:163 Resp: 1789506
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.3 12.5





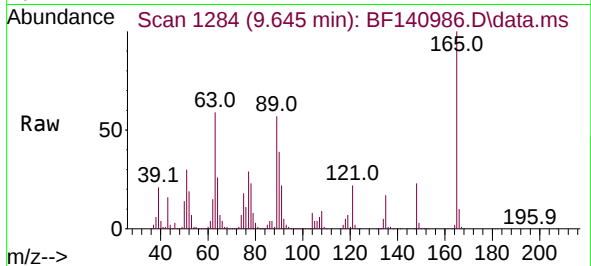
#51
2,6-Dinitrotoluene
Concen: 50.619 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS

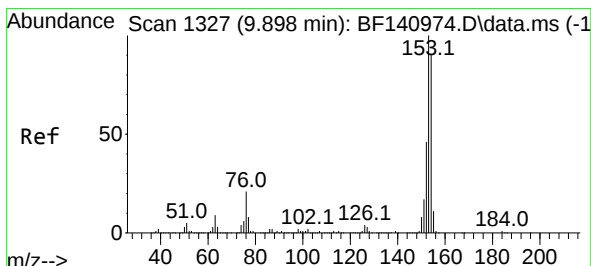
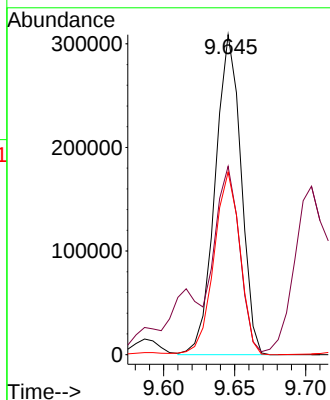
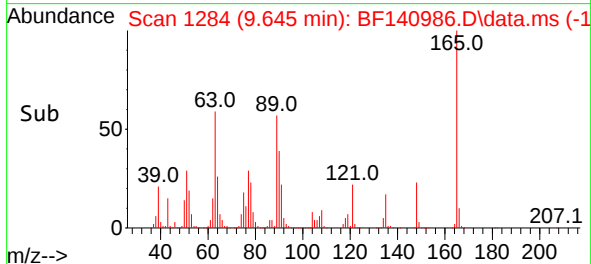


Tgt Ion:165 Resp: 39145
Ion Ratio Lower Upper
165 100
63 58.8 47.1 70.7
89 57.1 47.0 70.4

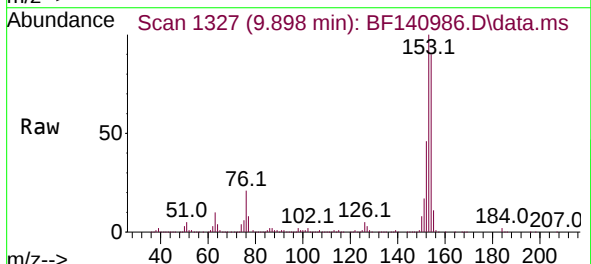
Manual Integrations

APPROVED

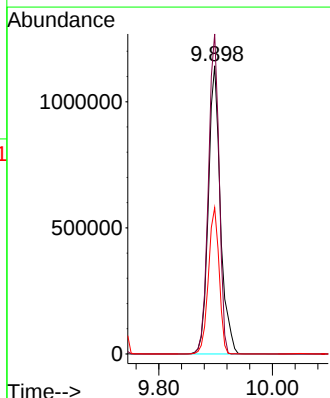
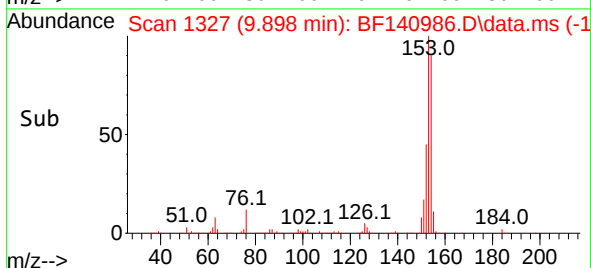
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

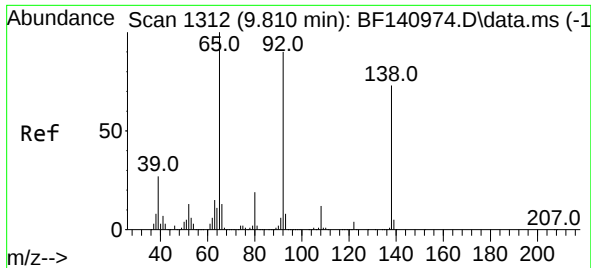


#52
Acenaphthene
Concen: 50.559 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:154 Resp: 1677363
Ion Ratio Lower Upper
154 100
153 111.1 89.2 133.8
152 50.8 40.9 61.3





#53
3-Nitroaniline
Concen: 32.669 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

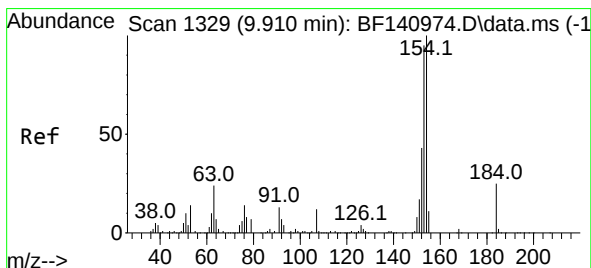
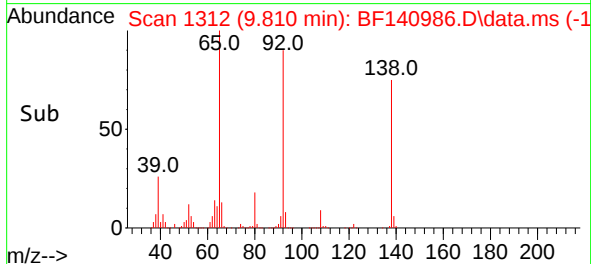
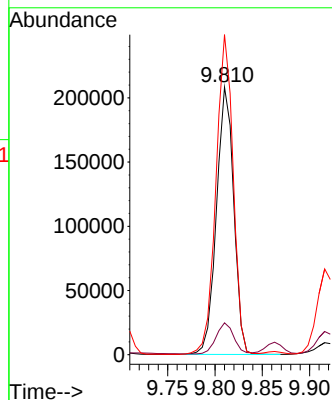
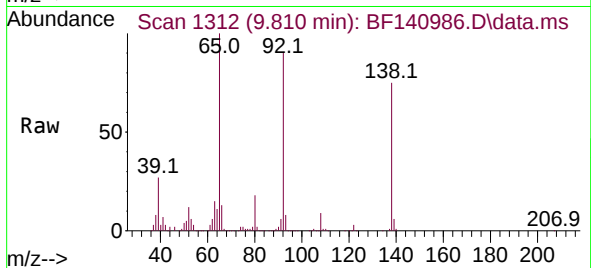
PB165790BS

Tgt Ion:138 Resp: 264204
Ion Ratio Lower Upper
138 100
108 11.9 13.5 20.3#
92 119.6 97.7 146.5

Manual Integrations

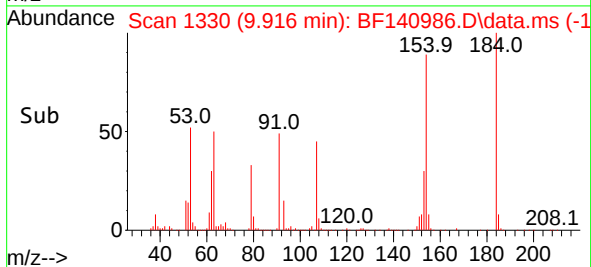
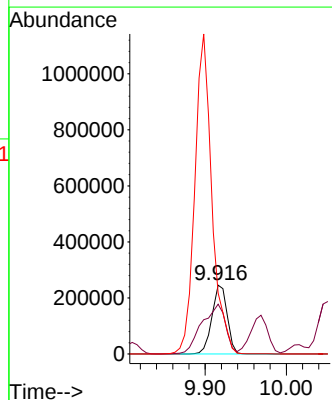
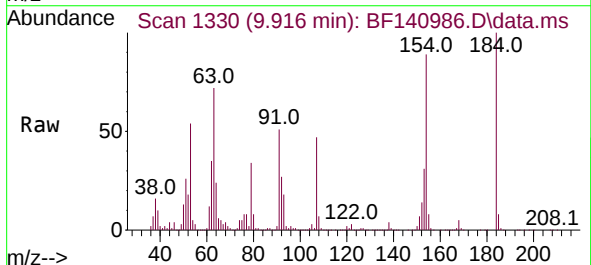
APPROVED

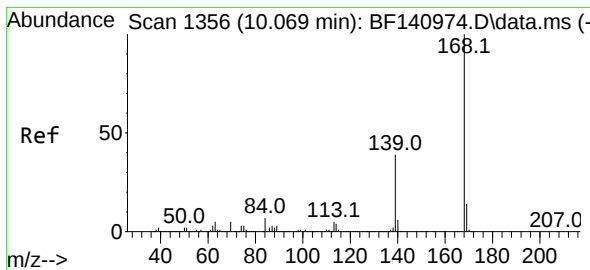
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#54
2,4-Dinitrophenol
Concen: 95.468 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:184 Resp: 318932
Ion Ratio Lower Upper
184 100
63 72.4 81.6 122.4#
154 88.6 363.5 545.3#





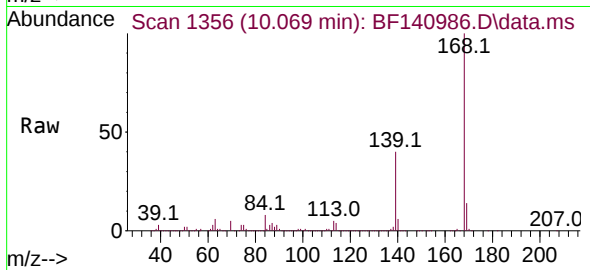
#55
Dibenzenofuran
Concen: 46.675 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



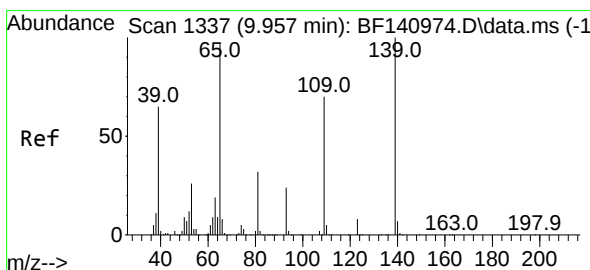
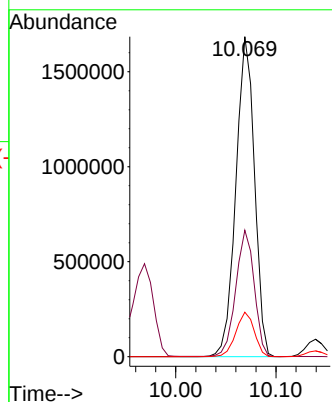
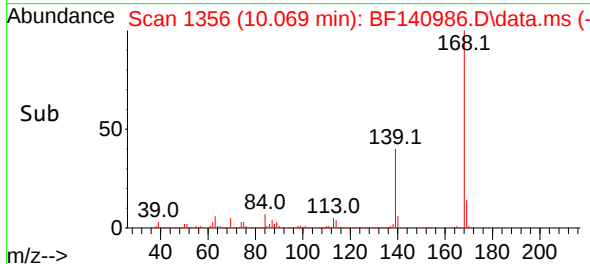
Tgt Ion:168 Resp: 217616
Ion Ratio Lower Upper
168 100
139 39.5 31.6 47.4
169 13.9 11.0 16.6

Manual Integrations

APPROVED

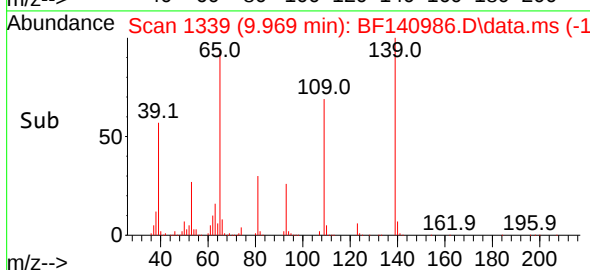
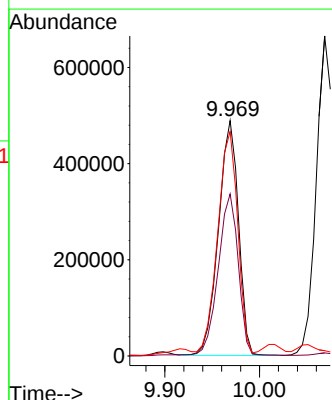
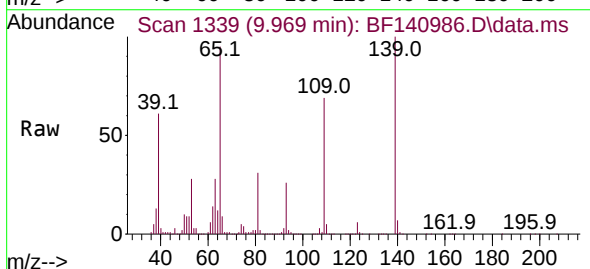
Reviewed By :Yogesh Patel 12/30/2024

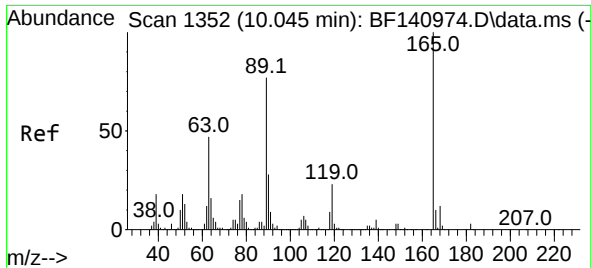
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 111.071 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:139 Resp: 717401
Ion Ratio Lower Upper
139 100
109 68.9 50.8 90.8
65 95.4 78.5 118.5





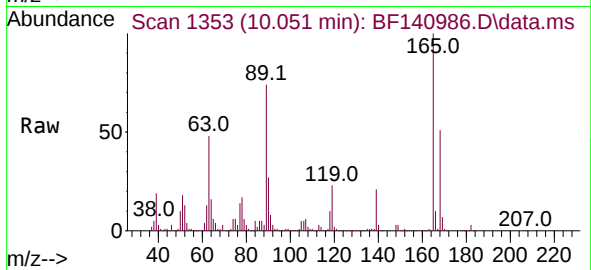
#57
2,4-Dinitrotoluene
Concen: 53.623 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

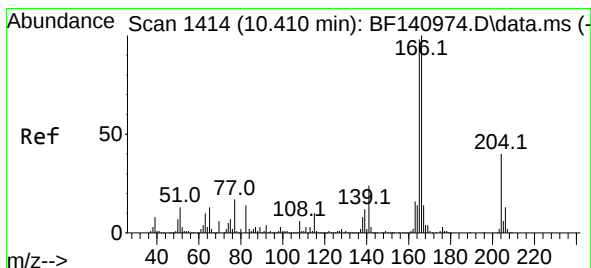
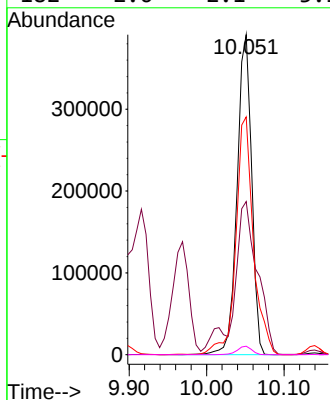
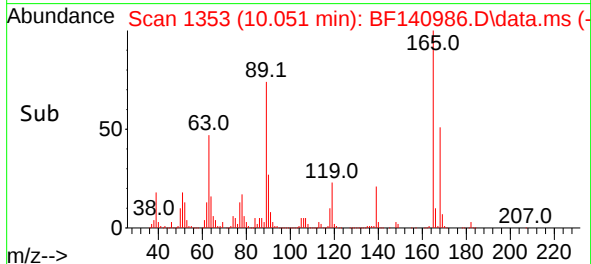
PB165790BS



Tgt Ion:165 Resp: 51076
Ion Ratio Lower Upper
165 100
63 47.9 38.1 57.1
89 74.3 61.4 92.2
182 2.6 2.1 3.1

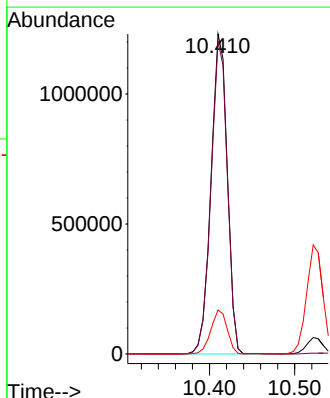
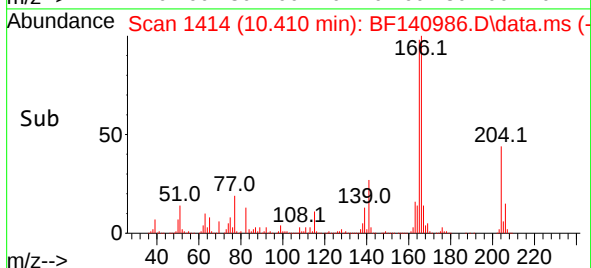
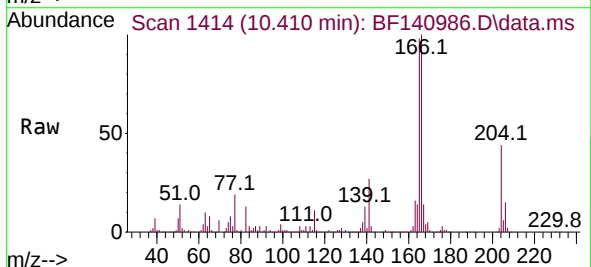
Manual Integrations
APPROVED

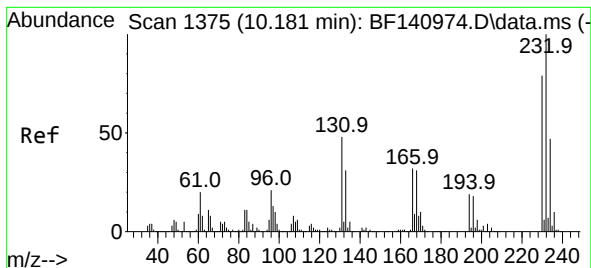
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 45.258 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

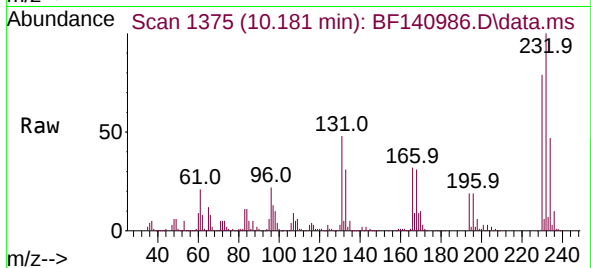
Tgt Ion:166 Resp: 1636276
Ion Ratio Lower Upper
166 100
165 97.7 78.3 117.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.321 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

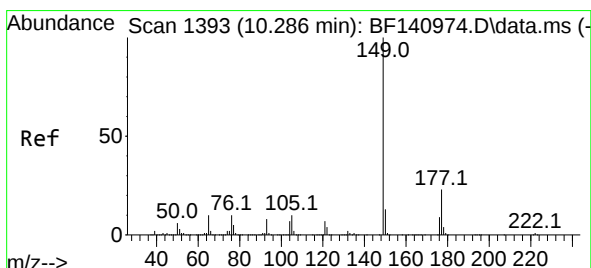
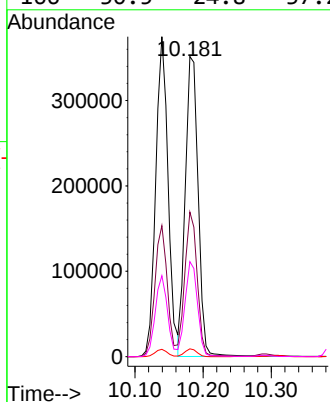
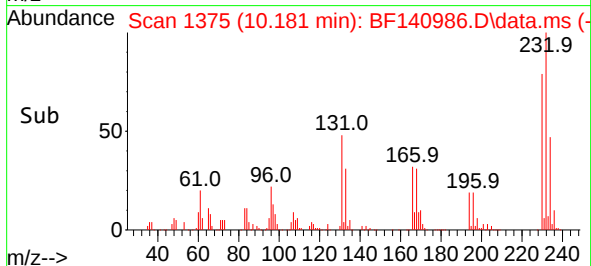
Instrument :
BNA_F
ClientSampleId :
PB165790BS



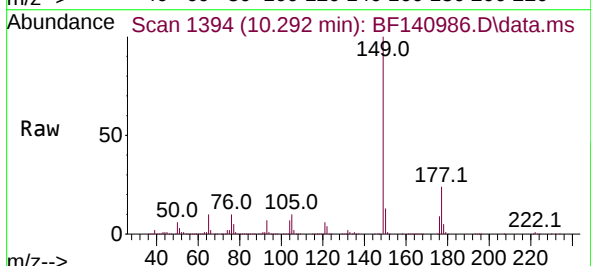
Tgt Ion:232 Resp: 457120
Ion Ratio Lower Upper
232 100
131 47.4 37.4 56.2
130 2.5 1.8 2.8
166 30.5 24.8 37.2

Manual Integrations
APPROVED

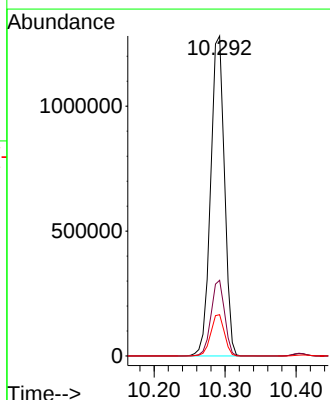
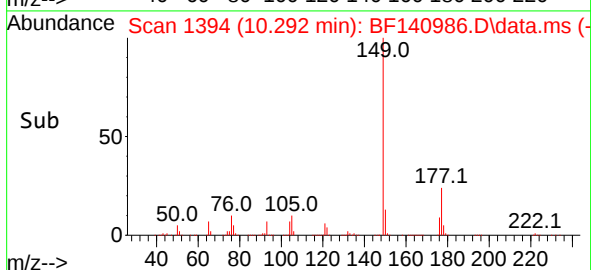
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

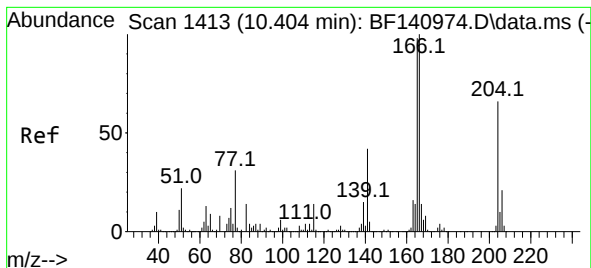


#60
Diethylphthalate
Concen: 46.433 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:149 Resp: 1730880
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.9 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 45.088 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

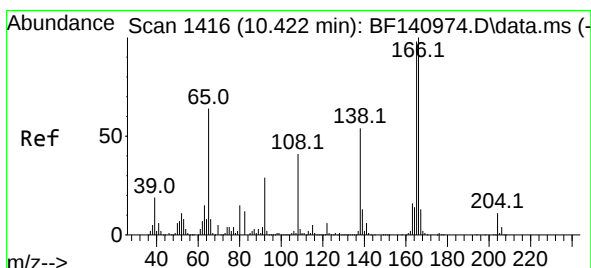
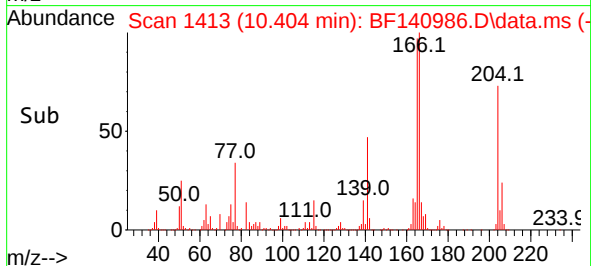
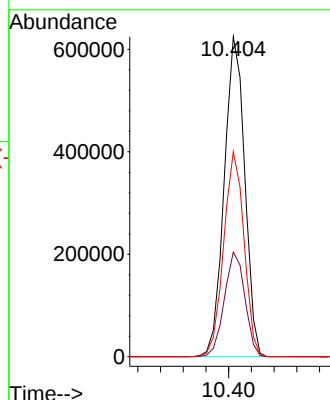
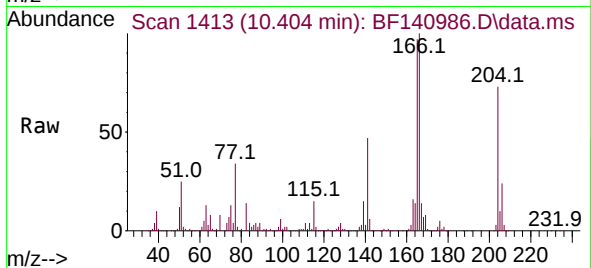
ClientSampleId :

PB165790BS

Tgt Ion:204 Resp: 78438
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 64.0 51.2 76.8

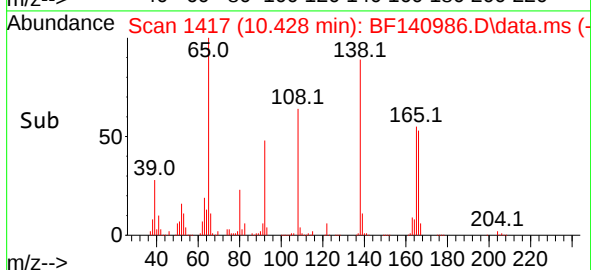
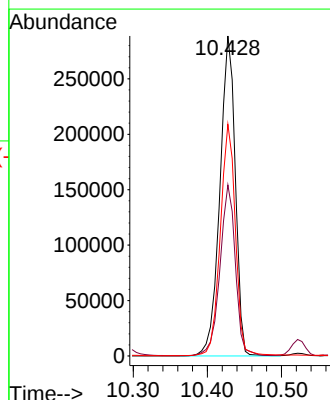
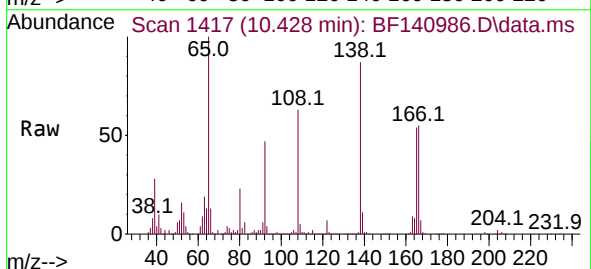
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#62
4-Nitroaniline
Concen: 49.715 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:138 Resp: 416991
Ion Ratio Lower Upper
138 100
92 53.5 34.8 74.8
108 72.4 55.9 95.9





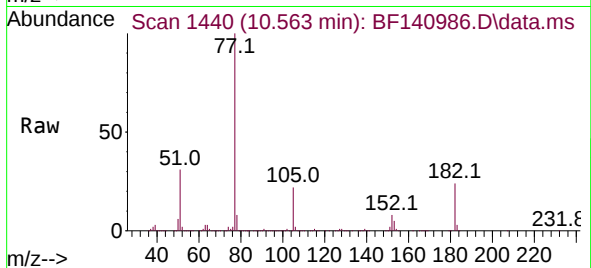
#63
Azobenzene
Concen: 46.498 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



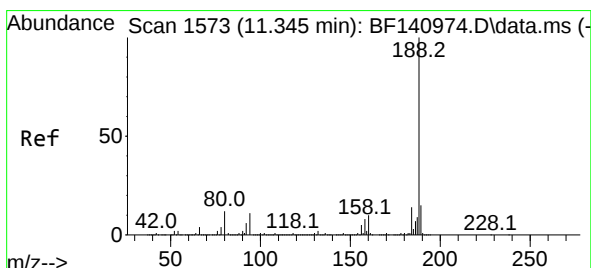
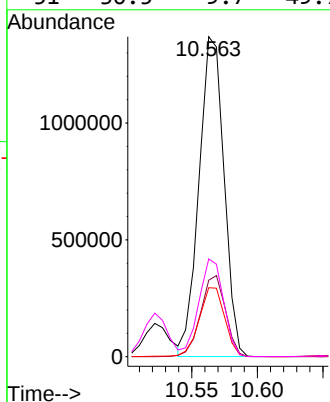
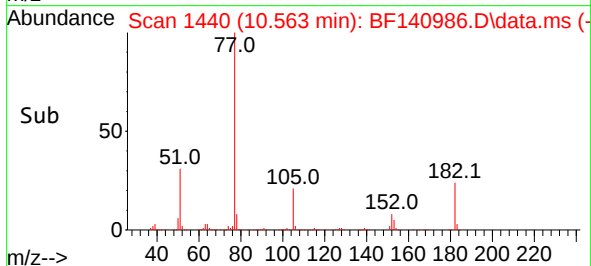
Tgt Ion: 77 Resp: 1819310
Ion Ratio Lower Upper
77 100
182 23.9 4.1 44.1
105 21.5 1.8 41.8
51 30.5 9.7 49.7

Manual Integrations

APPROVED

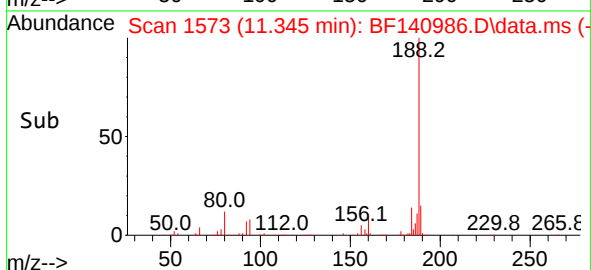
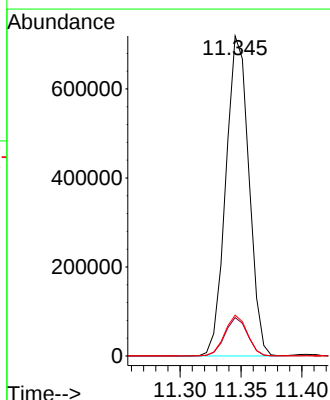
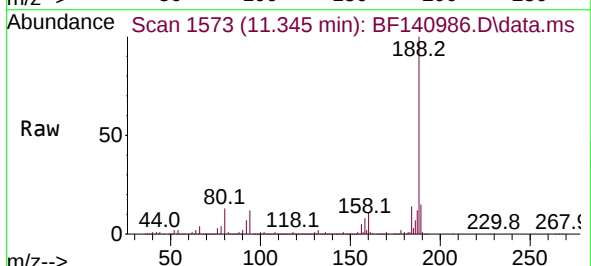
Reviewed By :Yogesh Patel 12/30/2024

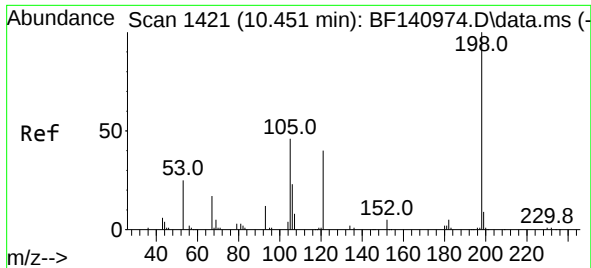
Supervised By :mohammad ahmed 12/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

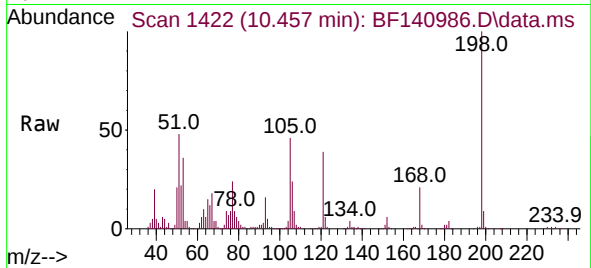
Tgt Ion:188 Resp: 946299
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.6
80 12.8 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 56.701 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

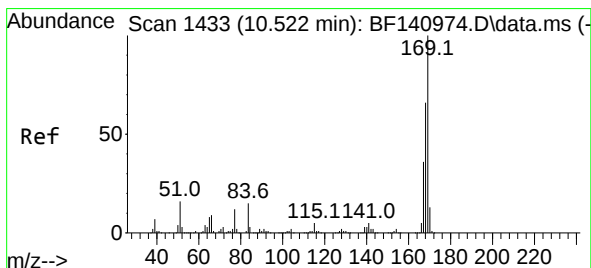
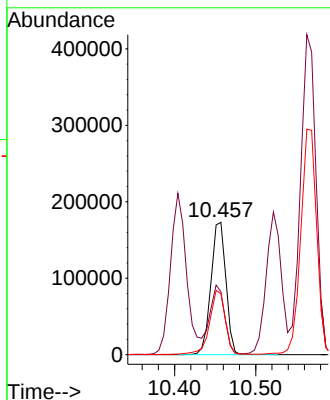
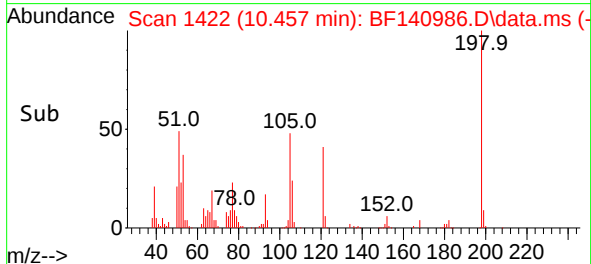
Instrument :
BNA_F
ClientSampleId :
PB165790BS



Tgt Ion:198 Resp: 221868
Ion Ratio Lower Upper
198 100
51 47.5 32.3 72.3
105 46.1 28.4 68.4

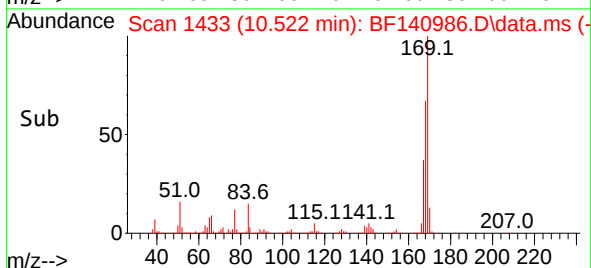
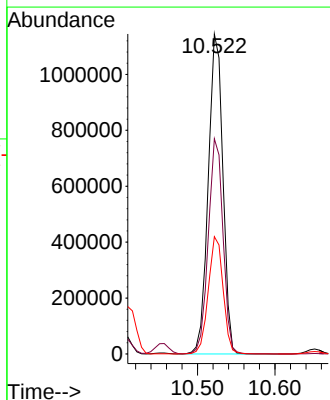
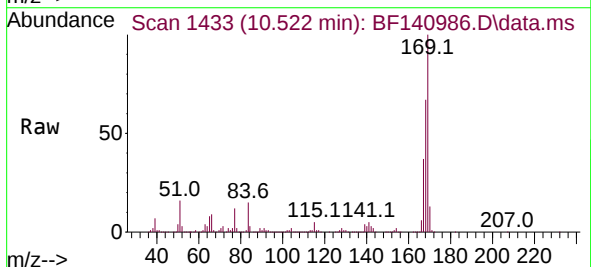
Manual Integrations
APPROVED

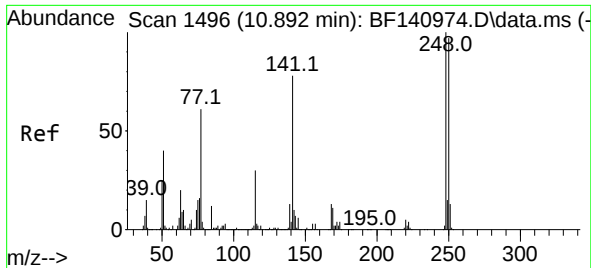
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#66
n-Nitrosodiphenylamine
Concen: 50.304 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:169 Resp: 1498997
Ion Ratio Lower Upper
169 100
168 67.2 52.6 79.0
167 36.7 29.0 43.4





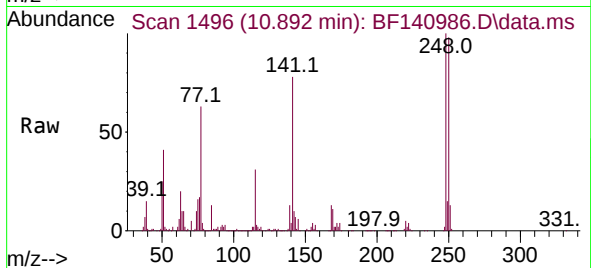
#67
4-Bromophenyl-phenylether
Concen: 50.462 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

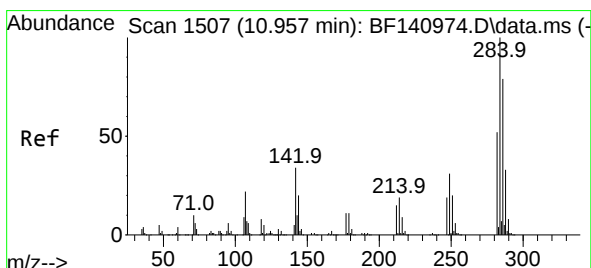
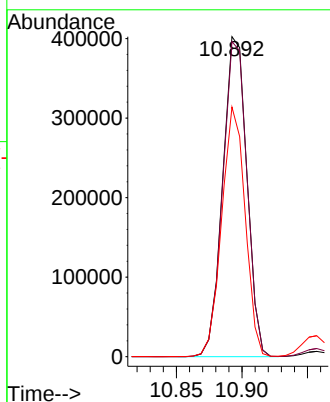
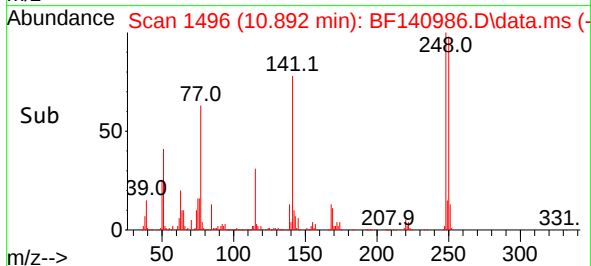
PB165790BS



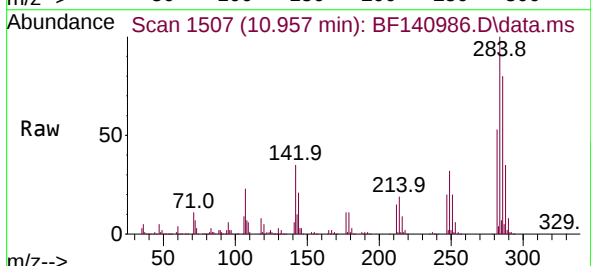
Tgt Ion:248 Resp: 516208
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 78.0 62.1 93.1

Manual Integrations
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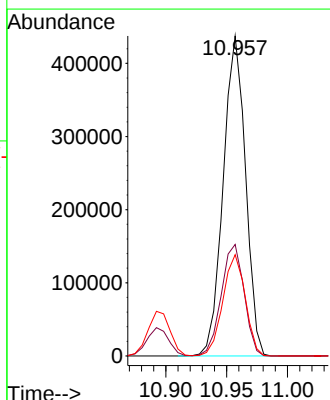
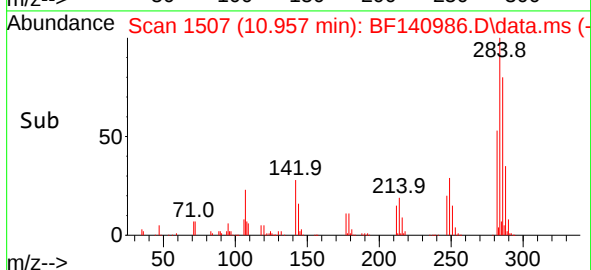
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

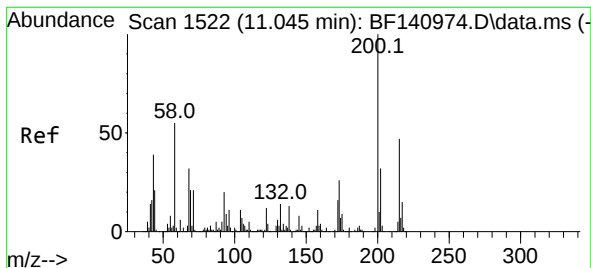


#68
Hexachlorobenzene
Concen: 49.429 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:284 Resp: 557548
Ion Ratio Lower Upper
284 100
142 34.9 27.1 40.7
249 31.7 25.1 37.7





#69

Atrazine

Concen: 61.381 ng

RT: 11.051 min Scan# 11098

Delta R.T. 0.006 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS

Tgt Ion:200 Resp: 51098

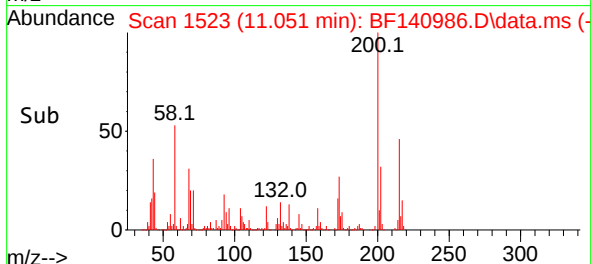
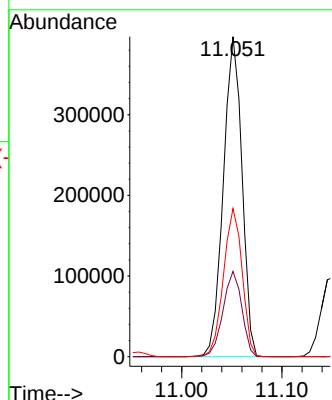
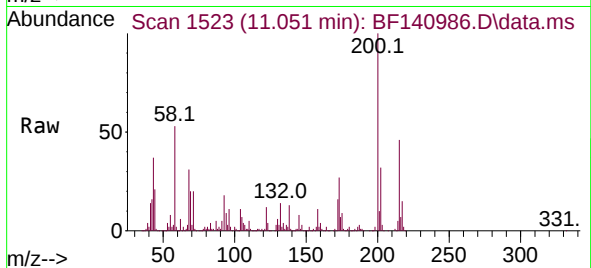
Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.4	46.4
215	46.3	27.2	67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 99.875 ng

RT: 11.151 min Scan# 1540

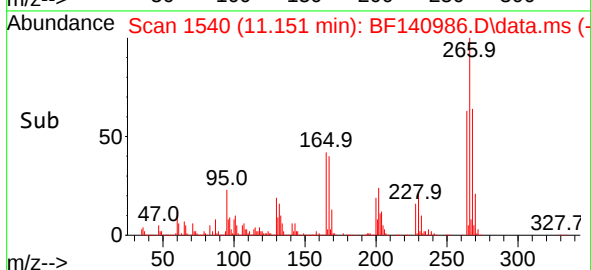
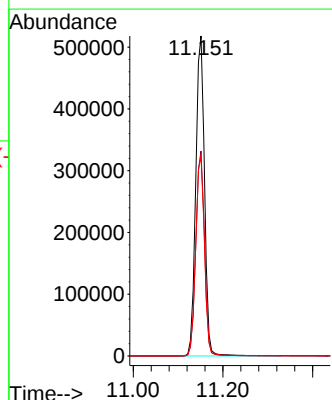
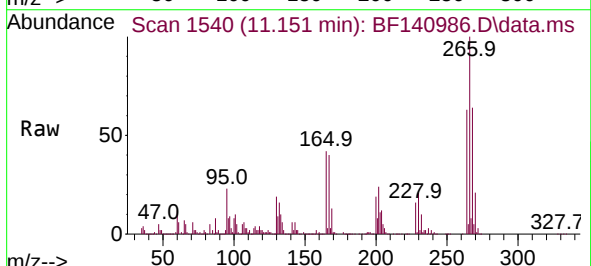
Delta R.T. 0.006 min

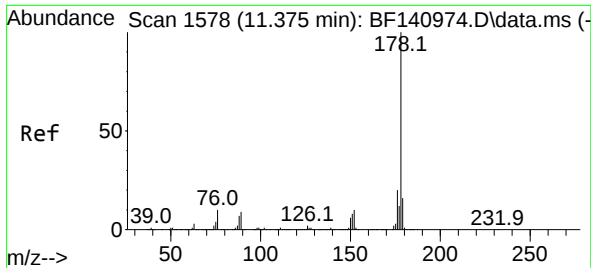
Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

Tgt Ion:266 Resp: 701410

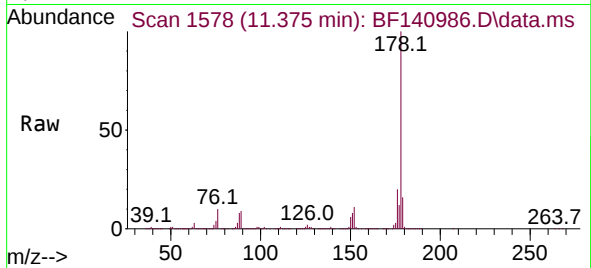
Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.5	75.7
264	62.5	50.2	75.4





#71
Phenanthrene
Concen: 49.944 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

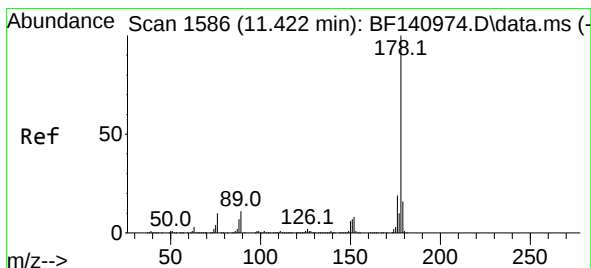
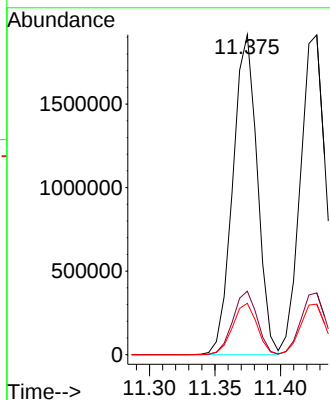
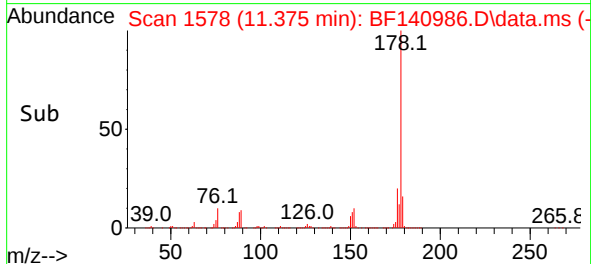
Instrument :
BNA_F
ClientSampleId :
PB165790BS



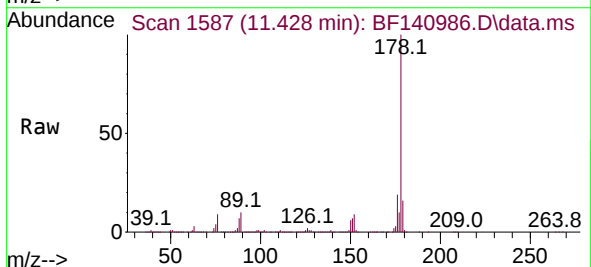
Tgt Ion:178 Resp: 248743
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.0 12.6 19.0

Manual Integrations
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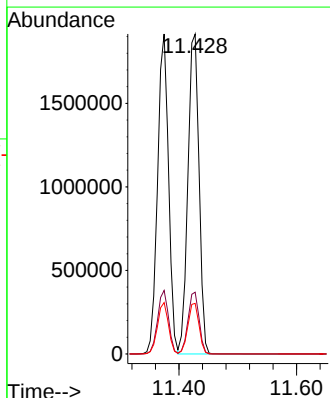
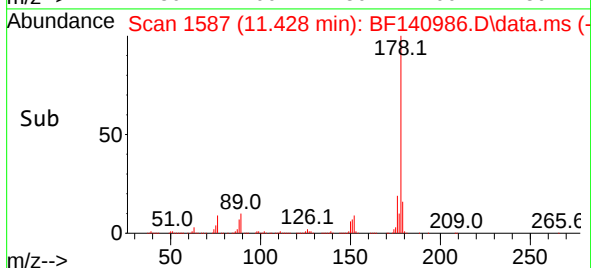
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

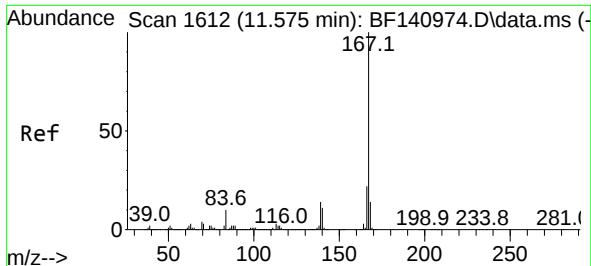


#72
Anthracene
Concen: 51.752 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



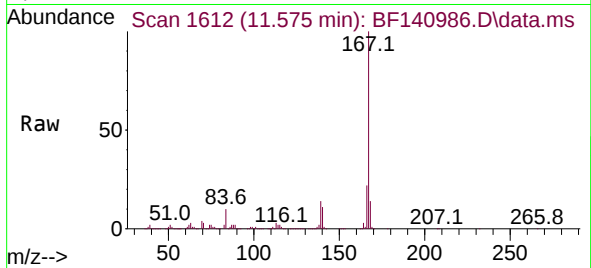
Tgt Ion:178 Resp: 2525629
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.8 12.9 19.3





#73
 Carbazole
 Concen: 49.225 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF140986.D
 Acq: 27 Dec 2024 10:30

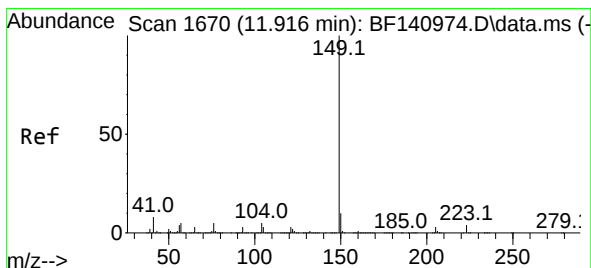
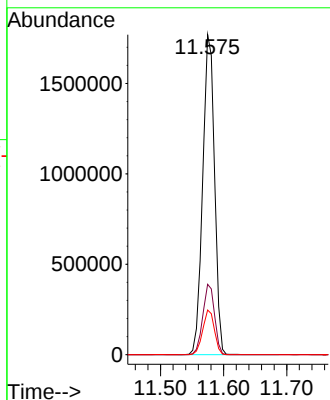
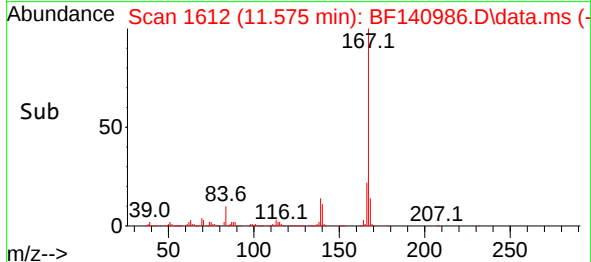
Instrument :
 BNA_F
 ClientSampleId :
 PB165790BS



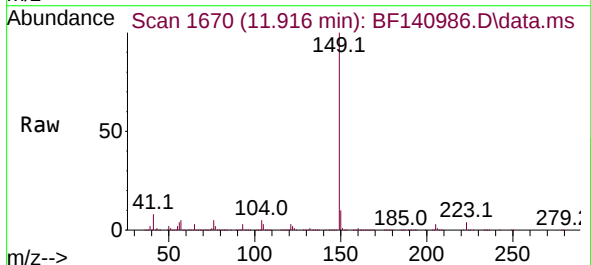
Tgt Ion:167 Resp: 2309370
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.9 11.0 16.4

Manual Integrations
 APPROVED

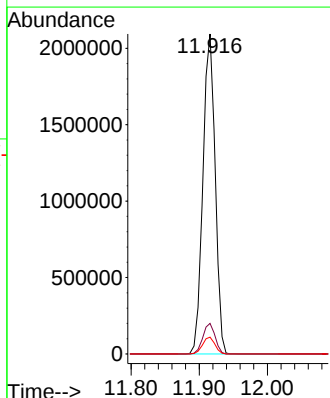
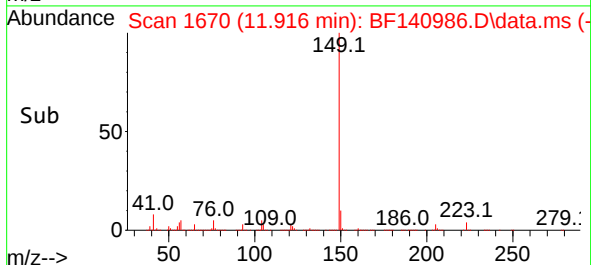
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

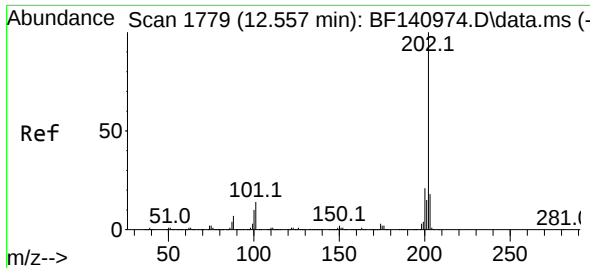


#74
 Di-n-butylphthalate
 Concen: 49.097 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF140986.D
 Acq: 27 Dec 2024 10:30



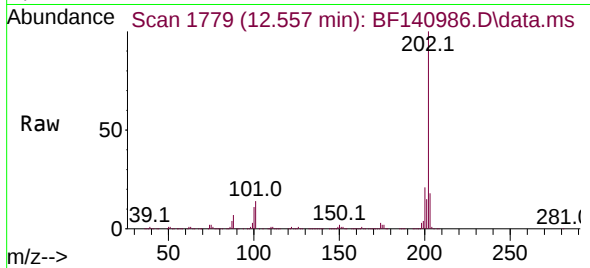
Tgt Ion:149 Resp: 2619826
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 48.263 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

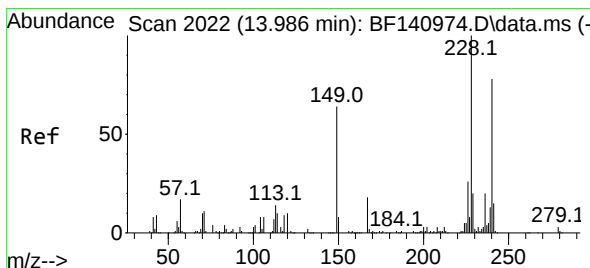
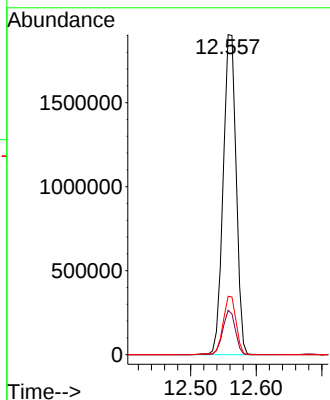
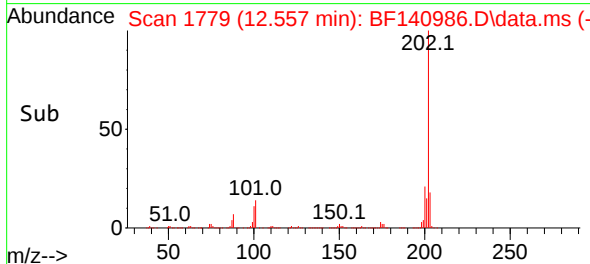
Instrument :
BNA_F
ClientSampleId :
PB165790BS



Tgt Ion:202 Resp: 2606990
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.7
203 18.2 0.0 38.1

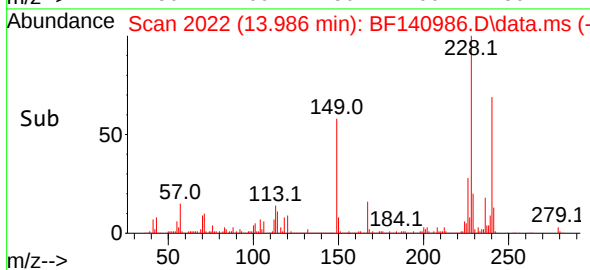
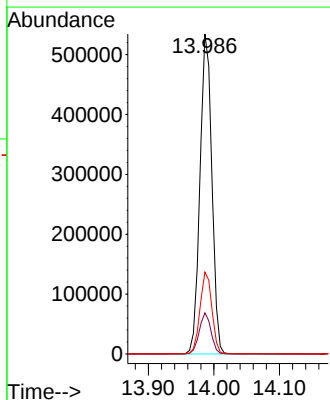
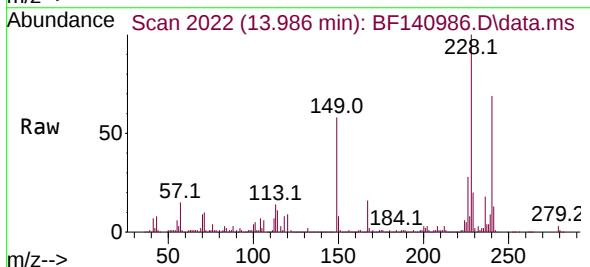
Manual Integrations
APPROVED

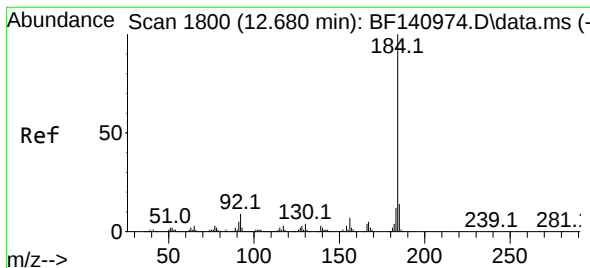
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:240 Resp: 675865
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 25.6 20.6 31.0





#77

Benzidine

Concen: 55.758 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS

Tgt Ion:184 Resp: 79643

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

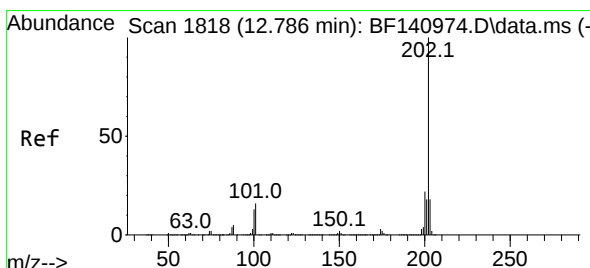
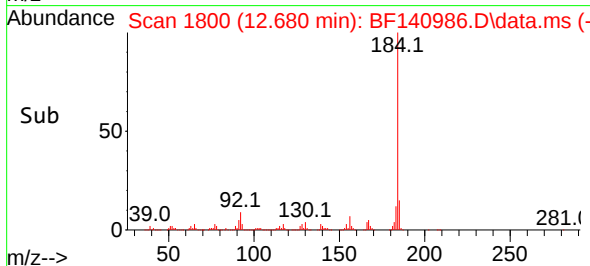
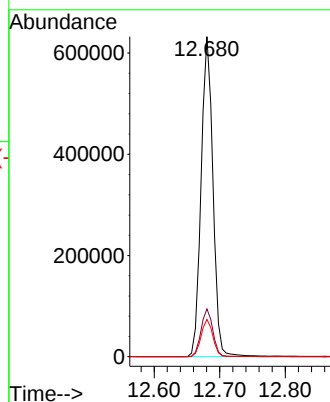
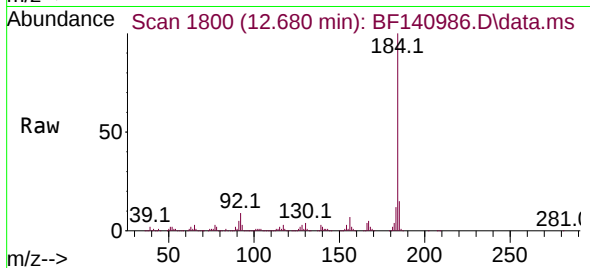
183 11.6 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#78

Pyrene

Concen: 45.404 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

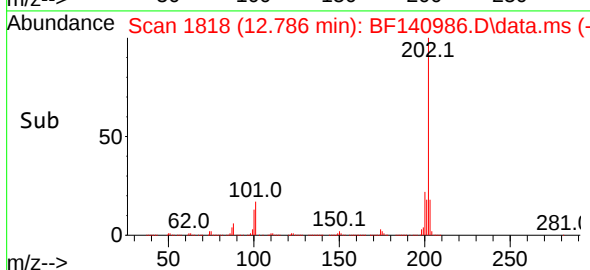
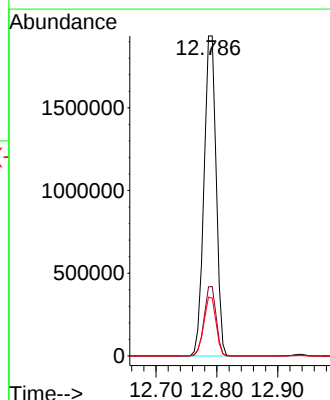
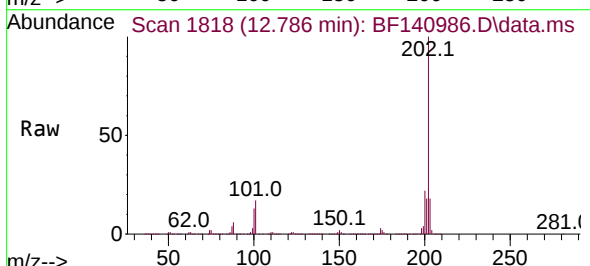
Tgt Ion:202 Resp: 2683823

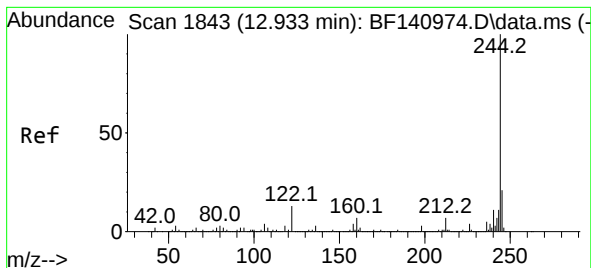
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 90.125 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF140986.D

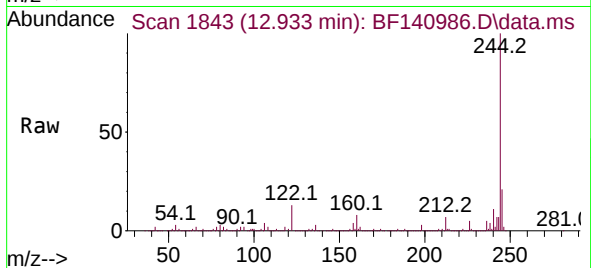
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



Tgt Ion:244 Resp: 3667210

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

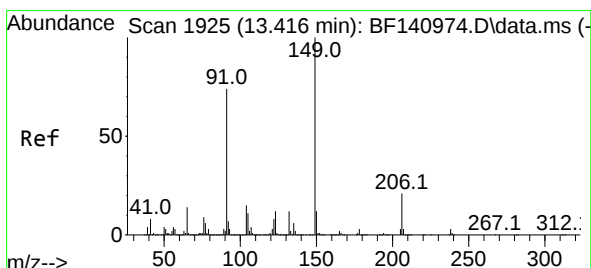
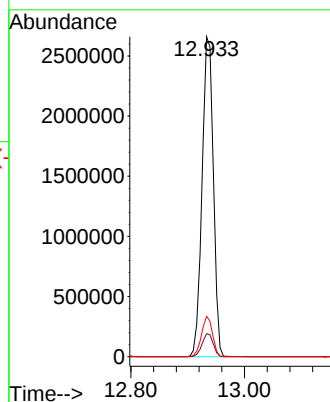
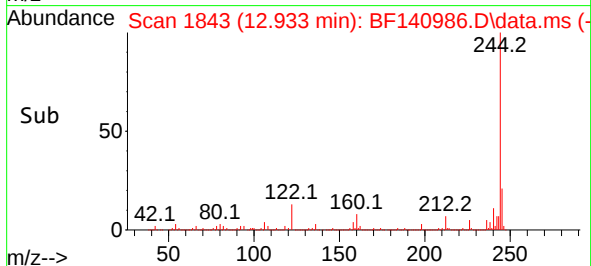
122 12.6 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#80

Butylbenzylphthalate

Concen: 49.670 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

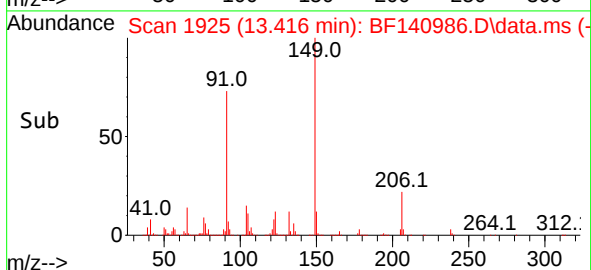
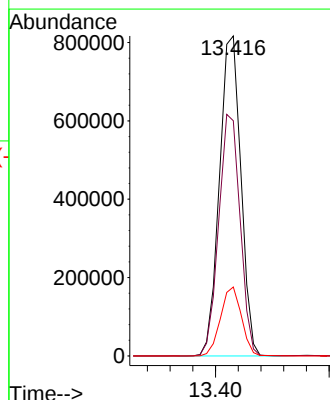
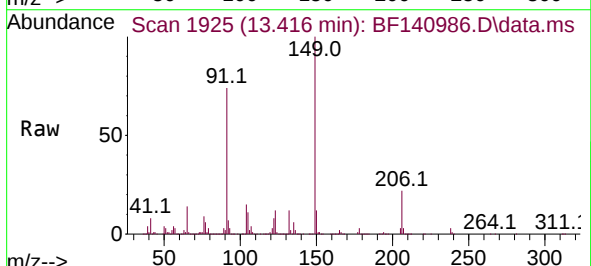
Tgt Ion:149 Resp: 1072079

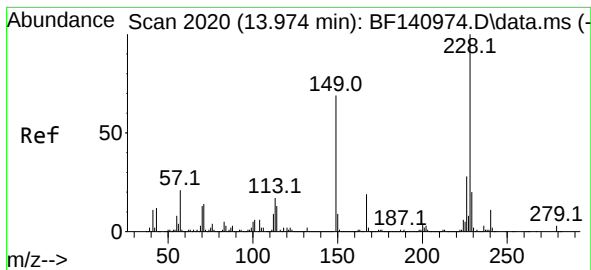
Ion Ratio Lower Upper

149 100

91 73.5 59.5 89.3

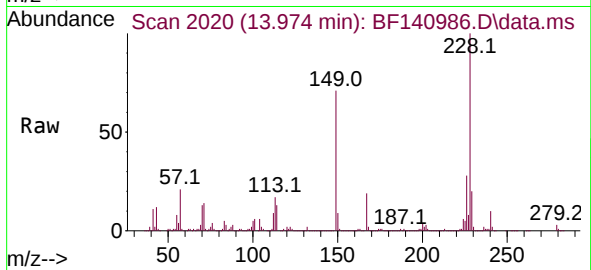
206 21.5 17.1 25.7





#81
Benzo(a)anthracene
Concen: 46.973 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

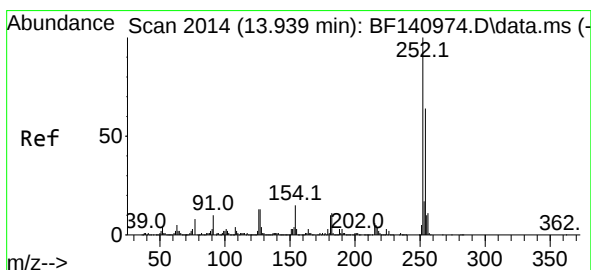
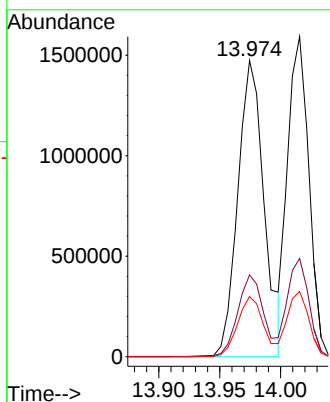
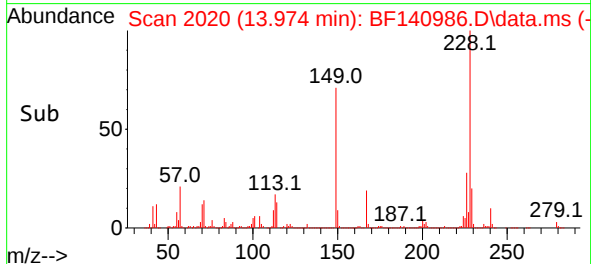
Instrument :
BNA_F
ClientSampleId :
PB165790BS



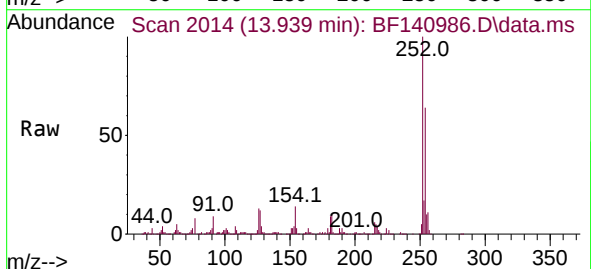
Tgt Ion:228 Resp: 221262
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.3 16.2 24.2

Manual Integrations
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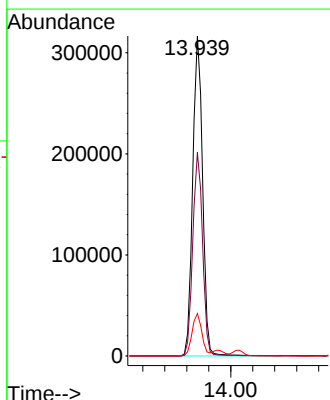
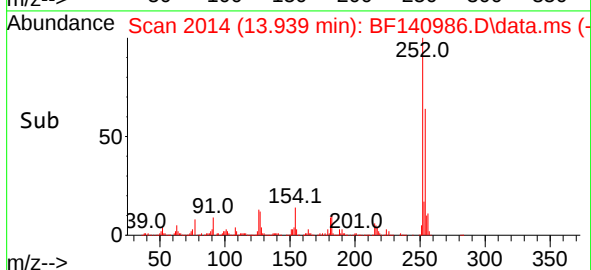
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

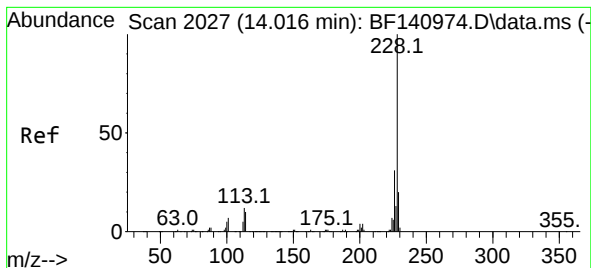


#82
3,3'-Dichlorobenzidine
Concen: 27.848 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:252 Resp: 394108
Ion Ratio Lower Upper
252 100
254 63.6 51.5 77.3
126 13.3 10.3 15.5





#83

Chrysene

Concen: 45.598 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140986.D

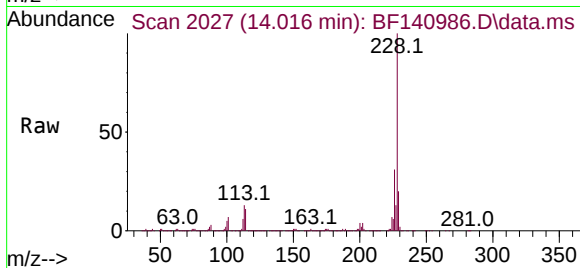
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



Tgt Ion:228 Resp: 1936200

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

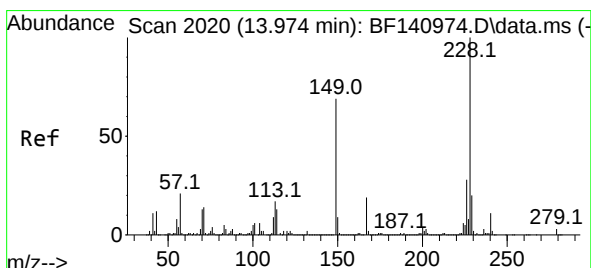
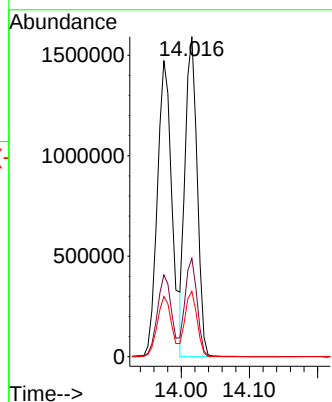
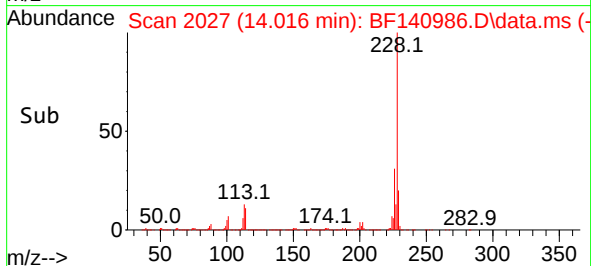
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.969 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

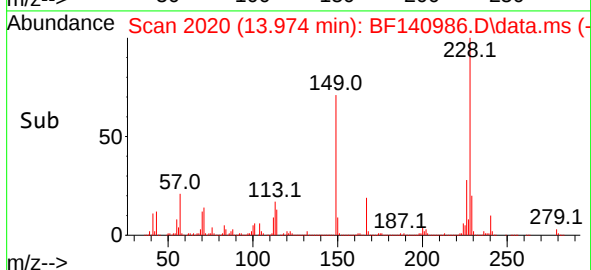
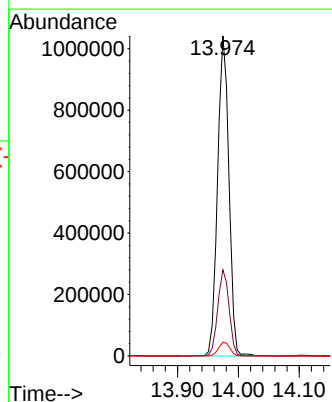
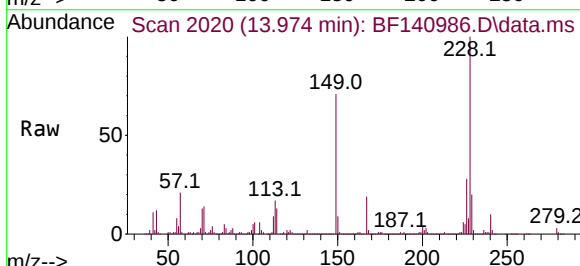
Tgt Ion:149 Resp: 1343005

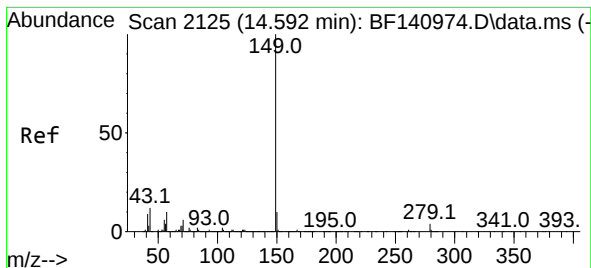
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.752 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF140986.D

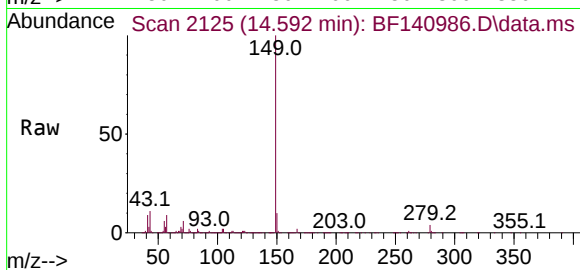
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165790BS



Tgt Ion:149 Resp: 209709

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

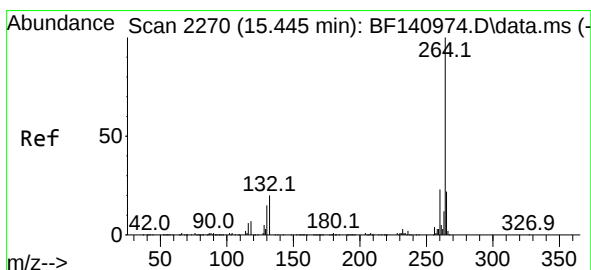
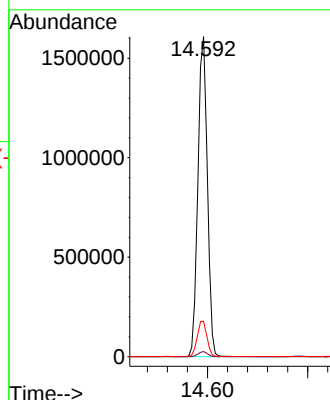
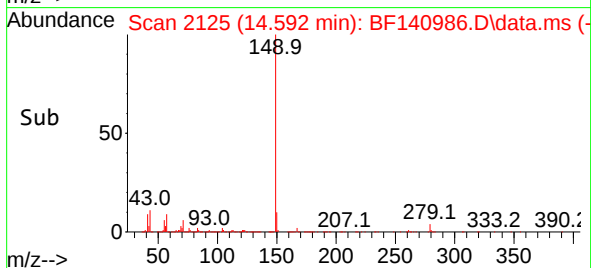
43 11.3 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF140986.D

Acq: 27 Dec 2024 10:30

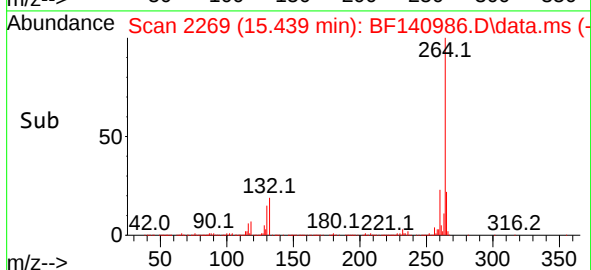
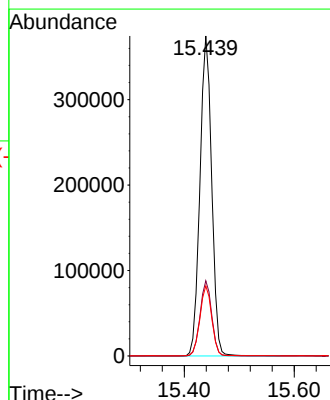
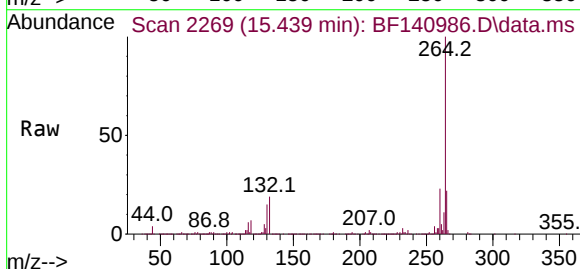
Tgt Ion:264 Resp: 556523

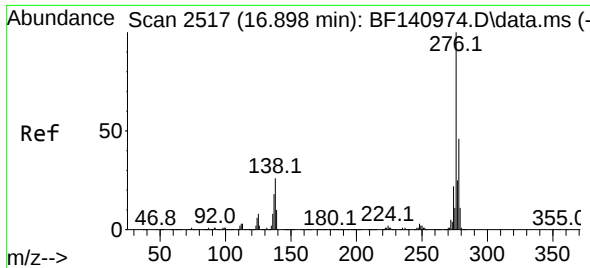
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.828 ng
RT: 16.892 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

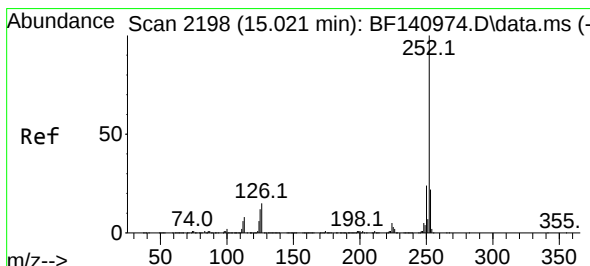
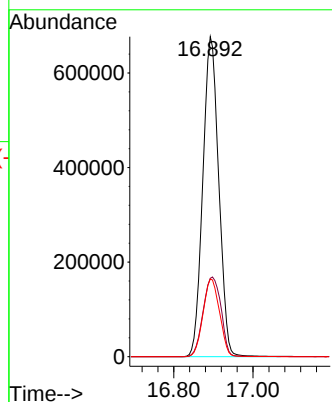
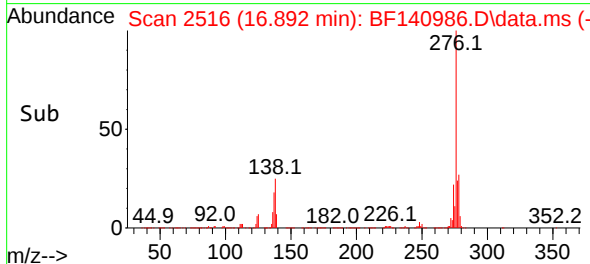
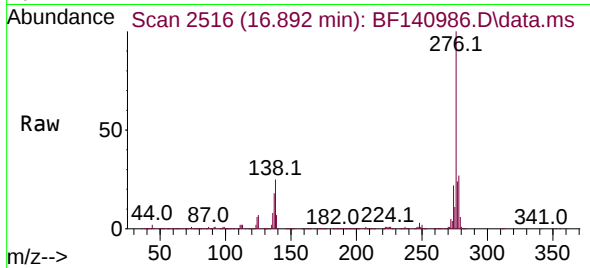
ClientSampleId :

PB165790BS

Tgt Ion:276 Resp: 1887319
Ion Ratio Lower Upper
276 100
138 28.0 23.1 34.7
277 25.2 20.4 30.6

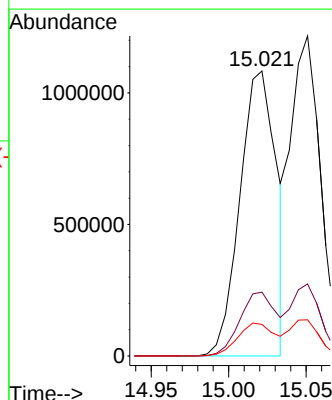
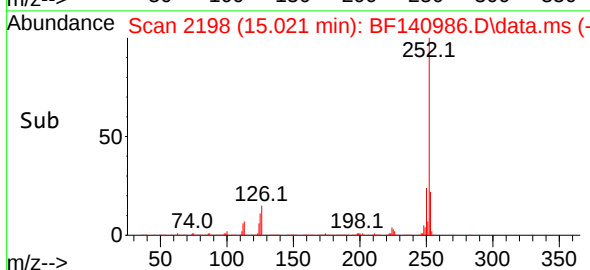
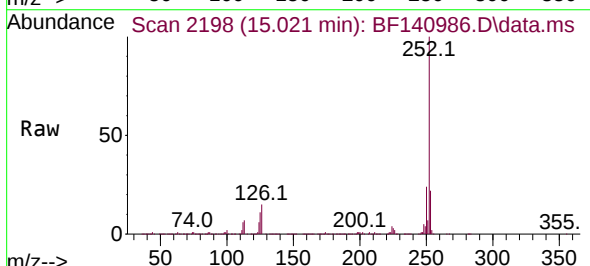
Manual Integrations
APPROVED

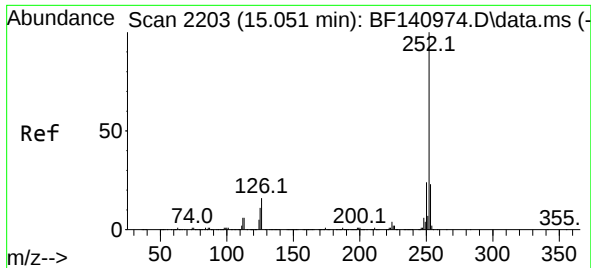
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 45.538 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

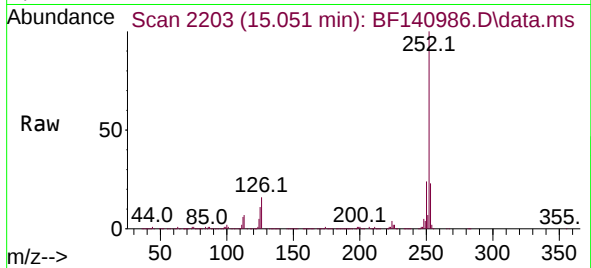
Tgt Ion:252 Resp: 1767530
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.1 9.3 13.9





#89
Benzo(k)fluoranthene
Concen: 53.367 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

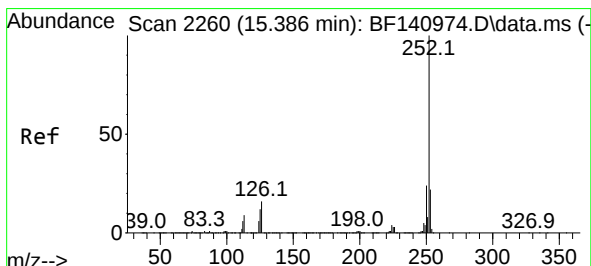
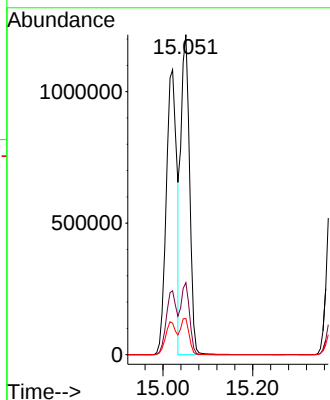
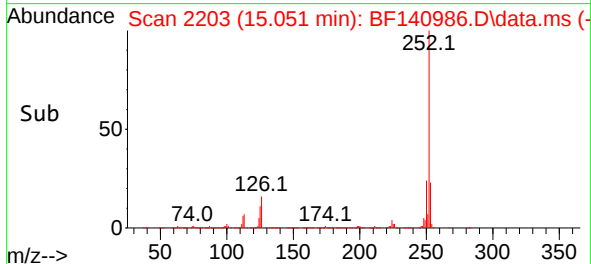
Instrument :
BNA_F
ClientSampleId :
PB165790BS



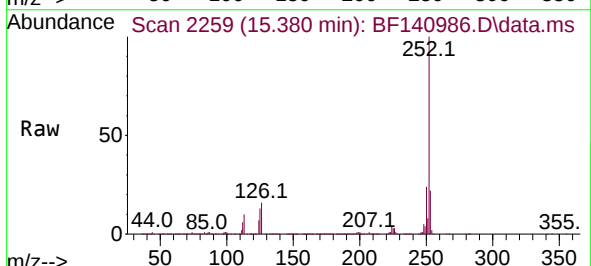
Tgt Ion:252 Resp: 1623474
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.3 9.4 14.0

Manual Integrations
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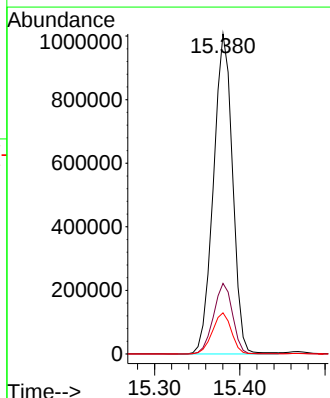
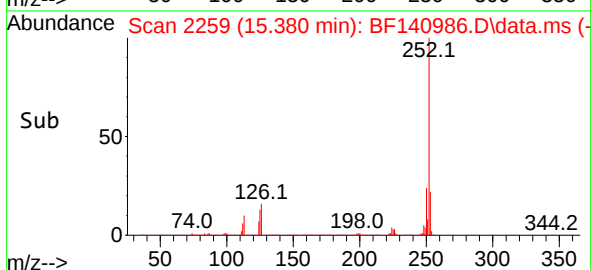
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

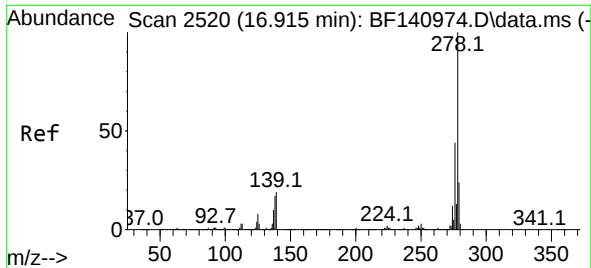


#90
Benzo(a)pyrene
Concen: 52.062 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30



Tgt Ion:252 Resp: 1568457
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.8 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 53.424 ng
RT: 16.915 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Instrument :

BNA_F

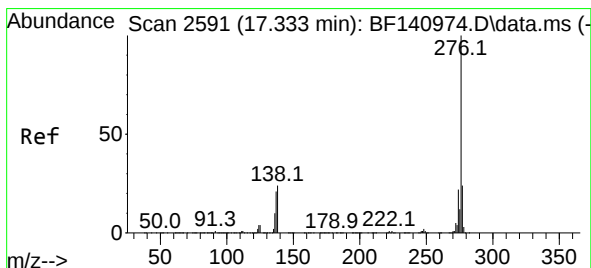
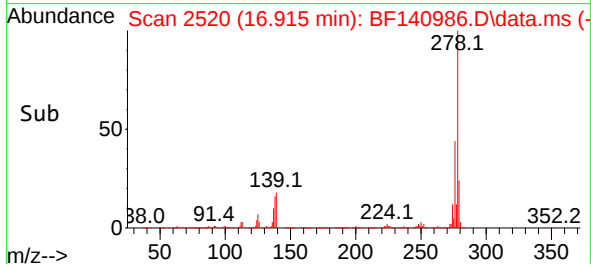
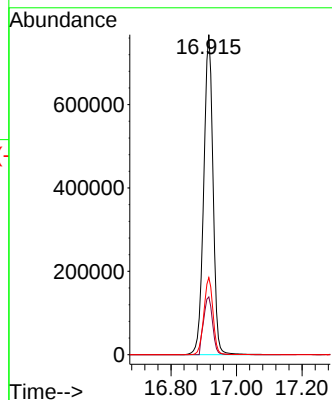
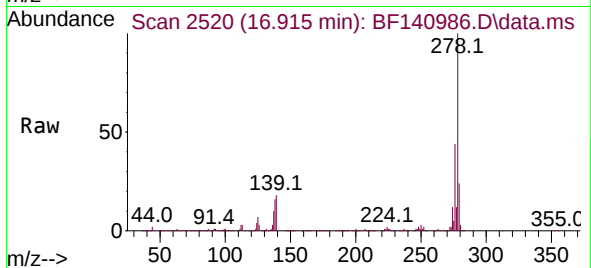
ClientSampleId :

PB165790BS

Tgt Ion:278 Resp: 1518414
Ion Ratio Lower Upper
278 100
139 18.0 14.9 22.3
279 24.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#92
Benzo(g,h,i)perylene
Concen: 48.588 ng
RT: 17.333 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF140986.D
Acq: 27 Dec 2024 10:30

Tgt Ion:276 Resp: 1432292
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 23.9 19.4 29.2

