

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141006.D
 Acq On : 27 Dec 2024 19:32
 Operator : RC/JU
 Sample : P5382-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:20:56 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	6.822	152	242878	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	970690	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	512580	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	801566	20.000	ng	0.00
76) Chrysene-d12	13.980	240	483090	20.000	ng	0.00
86) Perylene-d12	15.433	264	500993	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1619921	100.537	ng	0.00
7) Phenol-d6	6.445	99	2061740	99.330	ng	0.00
23) Nitrobenzene-d5	7.387	82	1275443	84.064	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	550944	110.614	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2271757	70.612	ng	0.00
79) Terphenyl-d14	12.927	244	2042250	70.218	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	331879	45.496	ng	99
3) Pyridine	3.375	79	864213	48.477	ng	100
4) n-Nitrosodimethylamine	3.328	42	451131	49.945	ng	100
6) Aniline	6.487	93	715486	38.650	ng	99
8) 2-Chlorophenol	6.604	128	874397	51.472	ng	99
9) Benzaldehyde	6.369	77	171186	10.837	ng	99
10) Phenol	6.463	94	1136982	52.975	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	824557	47.580	ng	98
12) 1,3-Dichlorobenzene	6.763	146	890231	47.485	ng	99
13) 1,4-Dichlorobenzene	6.845	146	902429	47.749	ng	99
14) 1,2-Dichlorobenzene	6.992	146	864464	49.058	ng	99
15) Benzyl Alcohol	6.963	79	779132	52.236	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1328198	50.679	ng	100
17) 2-Methylphenol	7.075	107	718028	50.877	ng	100
18) Hexachloroethane	7.340	117	335545	49.979	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	625228	49.168	ng	99
20) 3+4-Methylphenols	7.228	107	889193	49.788	ng	# 86
22) Acetophenone	7.234	105	1150104	48.298	ng	97
24) Nitrobenzene	7.404	77	930435	54.882	ng	98
25) Isophorone	7.645	82	1664941	50.429	ng	99
26) 2-Nitrophenol	7.722	139	439951	61.631	ng	99
27) 2,4-Dimethylphenol	7.757	122	733501	60.790	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	1013476	48.449	ng	100
29) 2,4-Dichlorophenol	7.957	162	701927	51.292	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	725510	46.840	ng	100
31) Naphthalene	8.128	128	2456550	48.027	ng	100
32) Benzoic acid	7.863	122	552233	54.393	ng	97
33) 4-Chloroaniline	8.175	127	245653	13.275	ng	98
34) Hexachlorobutadiene	8.245	225	430200	47.113	ng	100
35) Caprolactam	8.539	113	223432m	48.027	ng	
36) 4-Chloro-3-methylphenol	8.651	107	766848	50.458	ng	99
37) 2-Methylnaphthalene	8.816	142	1603890	49.015	ng	99
38) 1-Methylnaphthalene	8.916	142	1510604	46.973	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	707266	50.155	ng	99
41) Hexachlorocyclopentadiene	8.975	237	670849	143.554	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	502010	53.488	ng	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	497344	51.790	ng	99
46) 1,1'-Biphenyl	9.281	154	1952272	49.742	ng	99
47) 2-Chloronaphthalene	9.304	162	1475427	48.471	ng	100
48) 2-Nitroaniline	9.398	65	473694	58.374	ng	95
49) Acenaphthylene	9.722	152	2262272	51.627	ng	100
50) Dimethylphthalate	9.586	163	1727808	51.246	ng	100
51) 2,6-Dinitrotoluene	9.645	165	384198	55.277	ng	94
52) Acenaphthene	9.892	154	1623426	54.801	ng	99
53) 3-Nitroaniline	9.804	138	223199	31.084	ng	# 98
54) 2,4-Dinitrophenol	9.910	184	291687	96.987	ng	# 1
55) Dibenzofuran	10.069	168	2075476	49.853	ng	99
56) 4-Nitrophenol	9.963	139	607106	105.266	ng	95
57) 2,4-Dinitrotoluene	10.045	165	507277	59.138	ng	96
58) Fluorene	10.410	166	1544187	47.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	426532	53.630	ng	99
60) Diethylphthalate	10.286	149	1670865	50.198	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	751275	48.363	ng	100
62) 4-Nitroaniline	10.422	138	354264	47.464	ng	95
63) Azobenzene	10.563	77	1860403	53.250	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	214074	63.288	ng	92
66) n-Nitrosodiphenylamine	10.522	169	1412624	55.965	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	492101	56.791	ng	97
68) Hexachlorobenzene	10.951	284	519404	54.362	ng	98
69) Atrazine	11.045	200	461855	65.497	ng	99
70) Pentachlorophenol	11.145	266	592972	99.680	ng	99
71) Phenanthrene	11.369	178	2422705	57.428	ng	100
72) Anthracene	11.422	178	2287159	55.328	ng	100
73) Carbazole	11.575	167	1870419	47.067	ng	100
74) Di-n-butylphthalate	11.910	149	2392727	52.937	ng	100
75) Fluoranthene	12.557	202	2204500	48.181	ng	99
77) Benzidine	12.675	184	516936	50.632	ng	99
78) Pyrene	12.780	202	2178722	51.567	ng	100
80) Butylbenzylphthalate	13.410	149	802945	52.046	ng	99
81) Benzo(a)anthracene	13.969	228	1717757	51.020	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	367920	36.372	ng	100
83) Chrysene	14.010	228	1660221	54.701	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	1012227	50.581	ng	100
85) Di-n-octyl phthalate	14.580	149	1763903	60.899	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1427541	45.227	ng	99
88) Benzo(b)fluoranthene	15.010	252	1836997	52.574	ng	99
89) Benzo(k)fluoranthene	15.039	252	1525297	55.697	ng	99
90) Benzo(a)pyrene	15.374	252	1566908	57.775	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	1153285	45.075	ng	99
92) Benzo(g,h,i)perylene	17.315	276	1033155	38.932	ng	99

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

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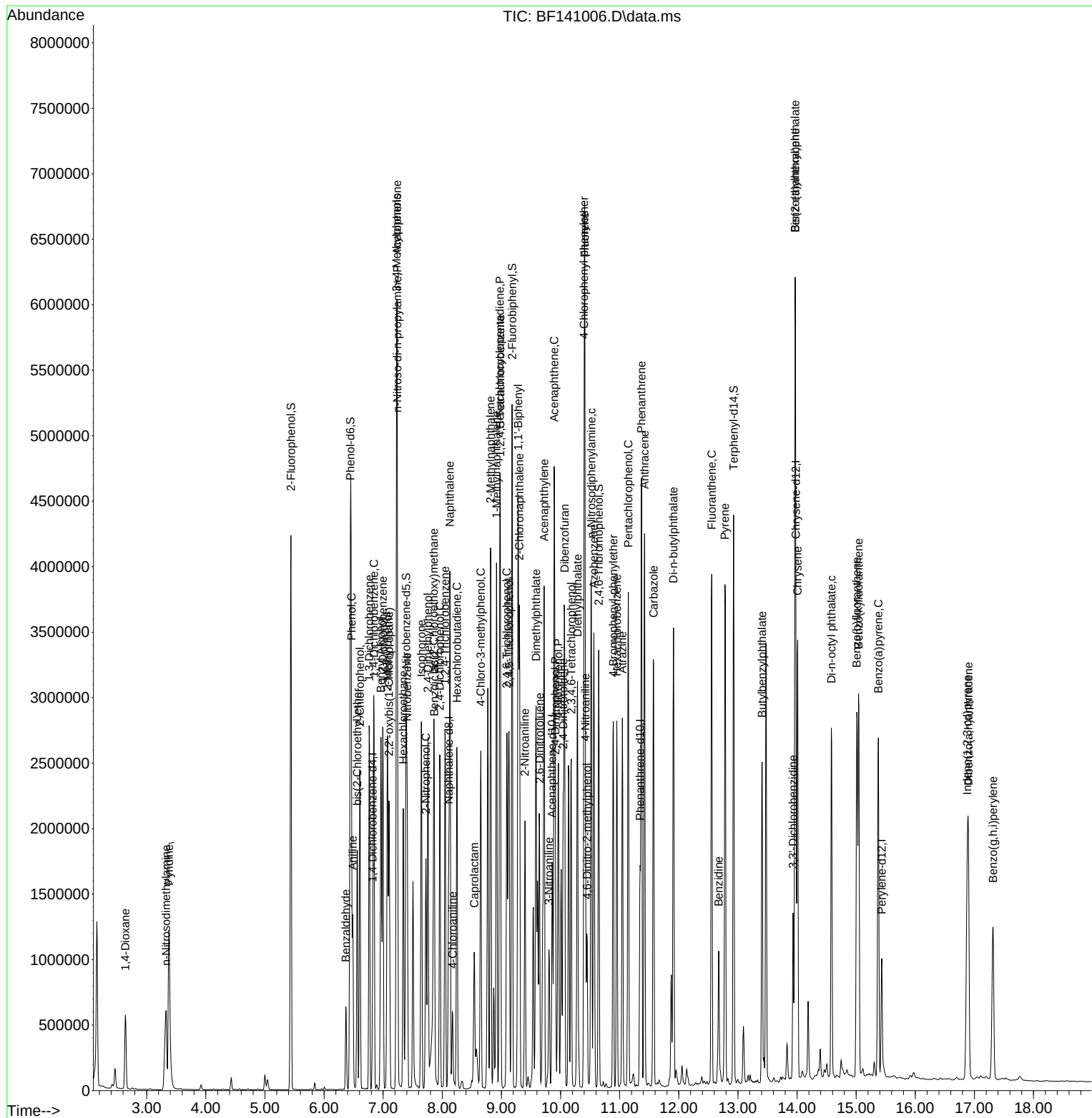
Manual Integrations

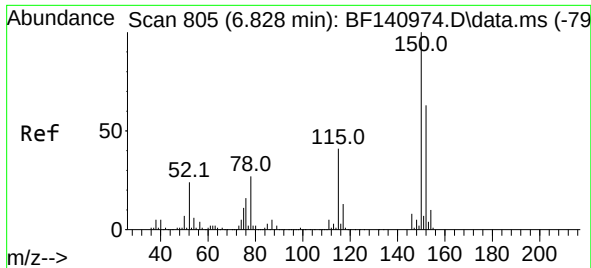
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024

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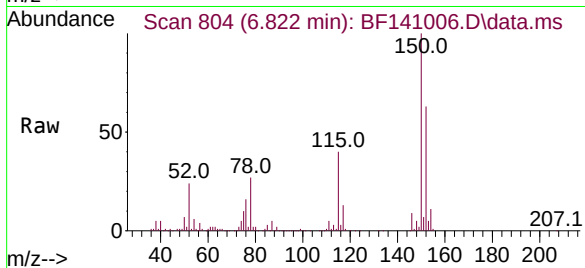
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141006.D
 Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

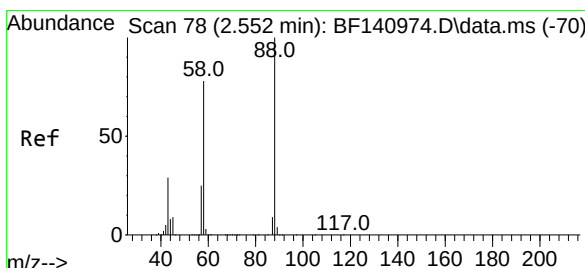
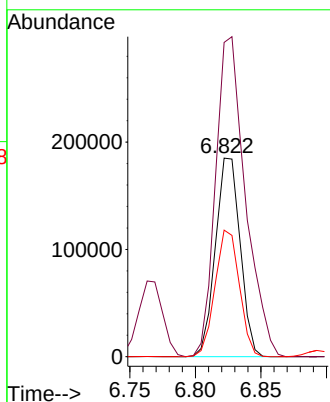
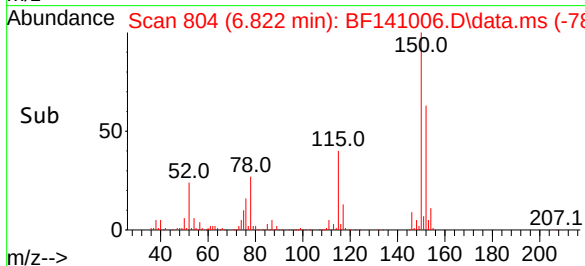


Tgt Ion:152 Resp: 242878
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.0 190.6
 115 63.7 51.7 77.5

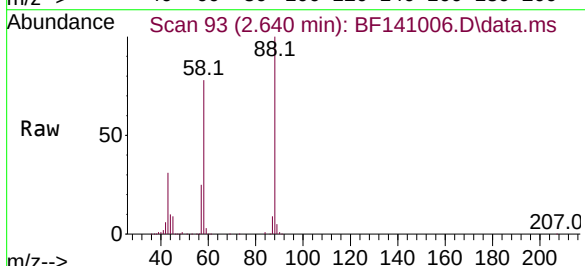
Manual Integrations

APPROVED

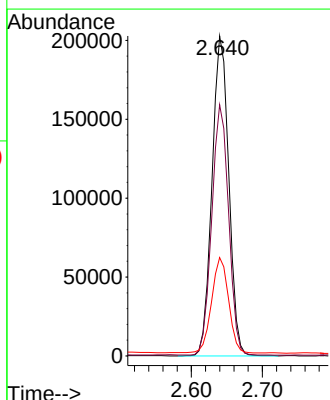
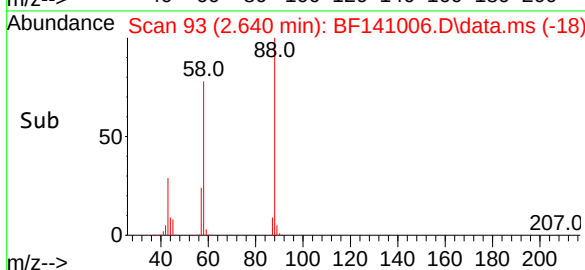
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 Supervised By :mohammad ahmed 12/30/2024

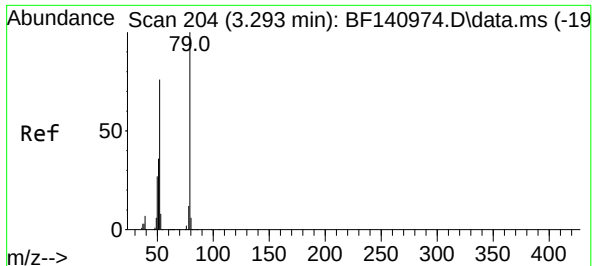


#2
 1,4-Dioxane
 Concen: 45.496 ng
 RT: 2.640 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF141006.D
 Acq: 27 Dec 2024 19:32



Tgt Ion: 88 Resp: 331879
 Ion Ratio Lower Upper
 88 100
 58 78.6 63.0 94.4
 43 30.1 23.4 35.2





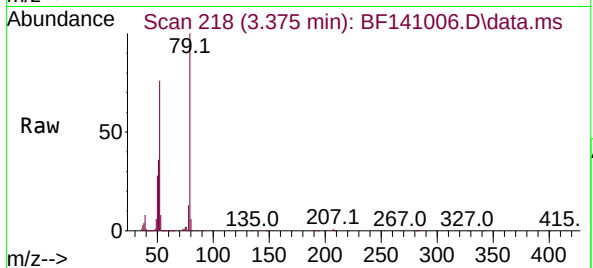
#3
Pyridine
Concen: 48.477 ng
RT: 3.375 min Scan# 210
Delta R.T. 0.082 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

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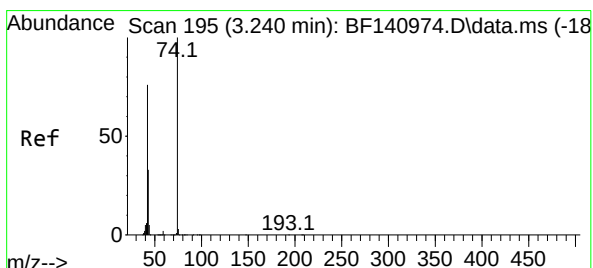
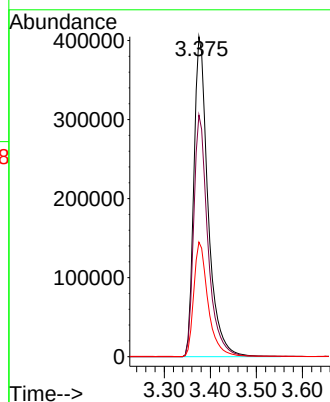
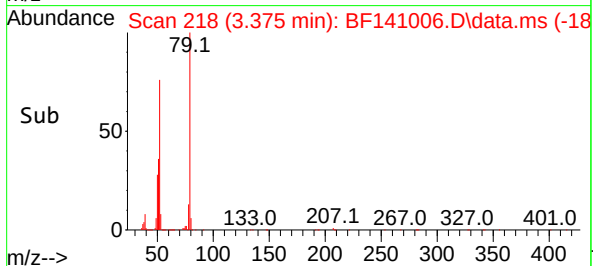
Tgt Ion: 79 Resp: 864211
Ion Ratio Lower Upper
79 100
52 75.5 60.4 90.6
51 35.8 28.8 43.2

Manual Integrations

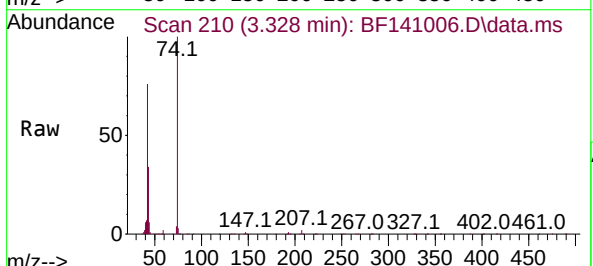
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

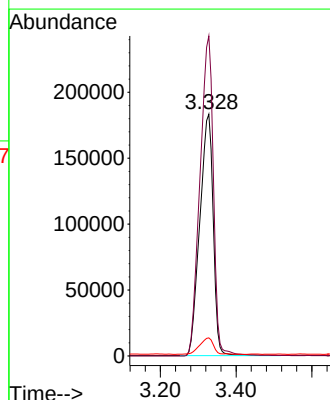
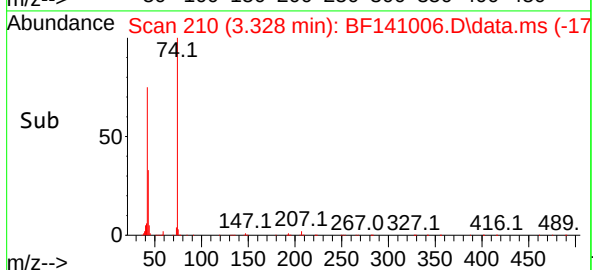
Supervised By :mohammad ahmed 12/30/2024

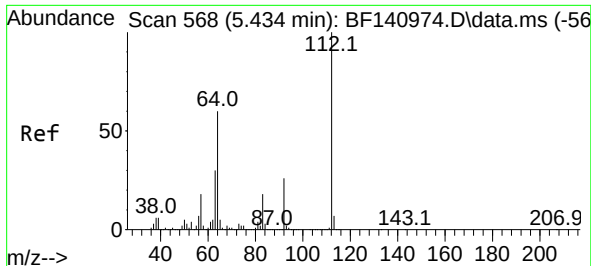


#4
n-Nitrosodimethylamine
Concen: 49.945 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion: 42 Resp: 451131
Ion Ratio Lower Upper
42 100
74 132.4 105.8 158.6
44 7.5 6.6 10.0





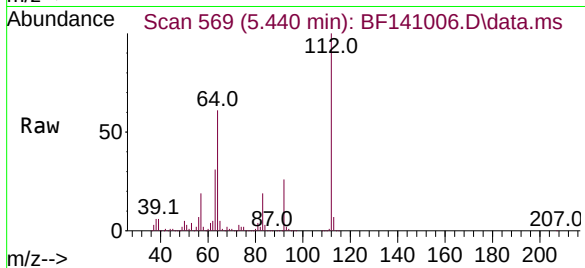
#5
2-Fluorophenol
Concen: 100.537 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

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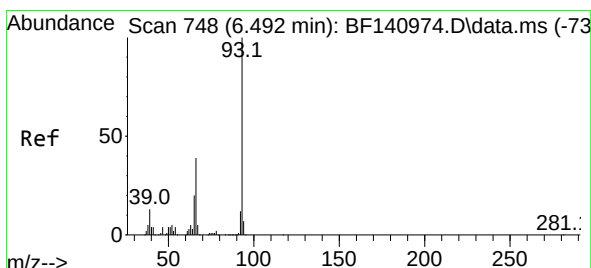
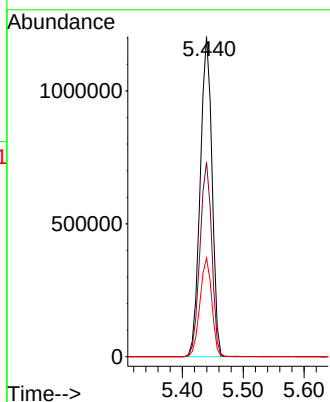
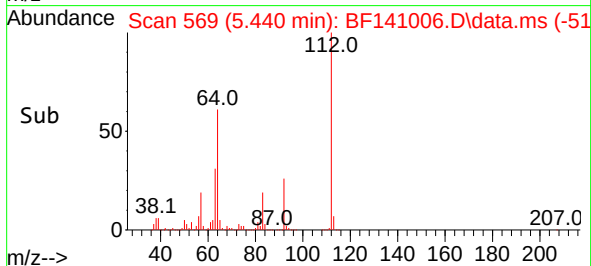
Tgt Ion:112 Resp: 161992
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 30.8 24.2 36.2

Manual Integrations

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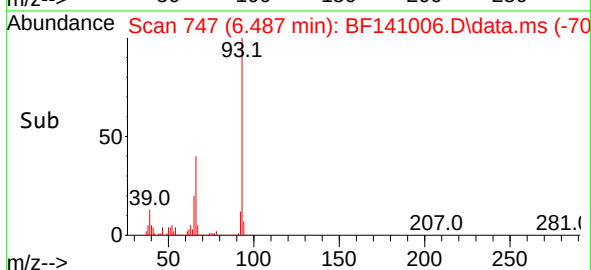
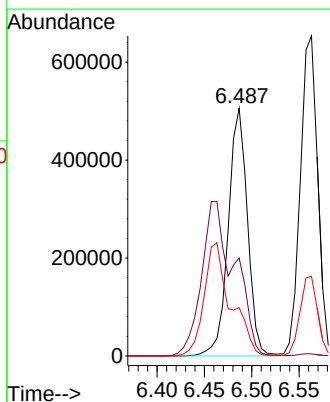
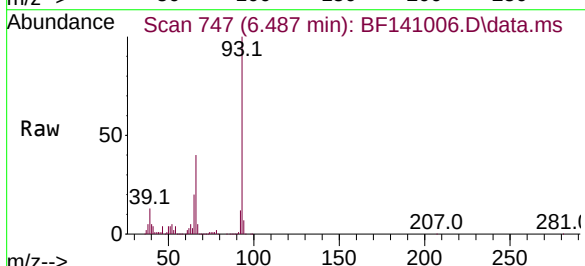
Reviewed By :Yogesh Patel 12/30/2024

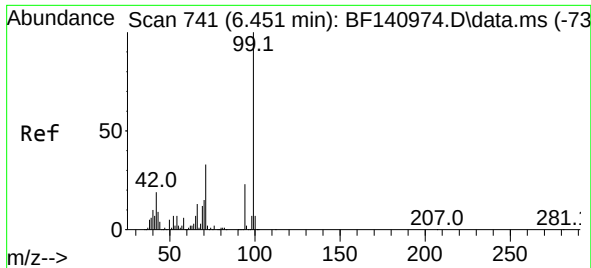
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 38.650 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.023 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

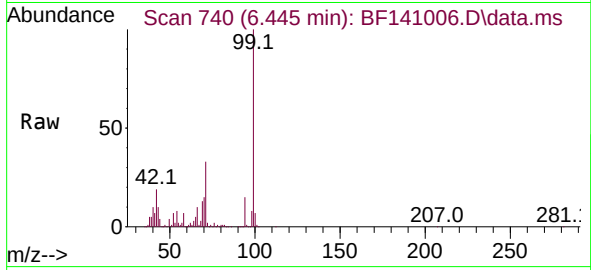
Tgt Ion: 93 Resp: 715486
Ion Ratio Lower Upper
93 100
66 39.5 31.8 47.8
65 19.5 15.4 23.0





#7
Phenol-d6
Concen: 99.330 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

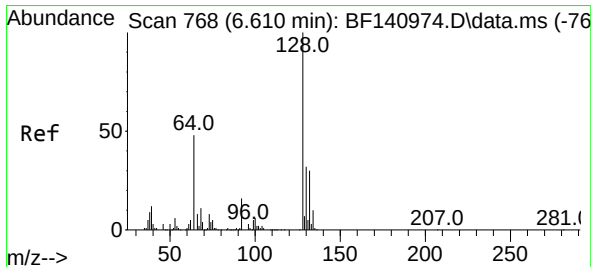
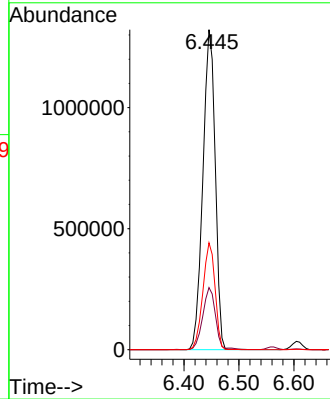
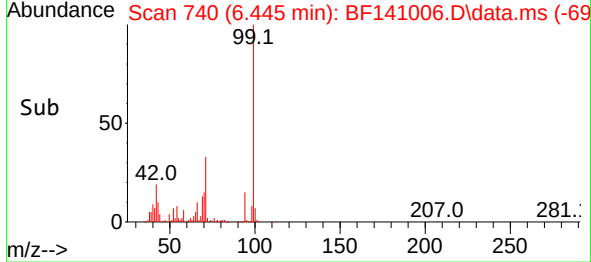
Instrument :
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Tgt Ion: 99 Resp: 2061740
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 33.4 26.2 39.2

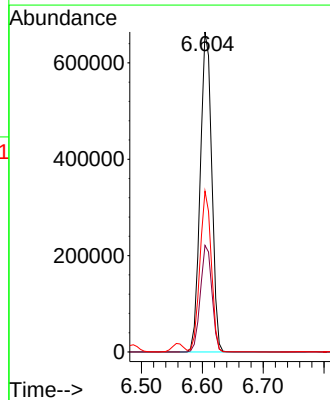
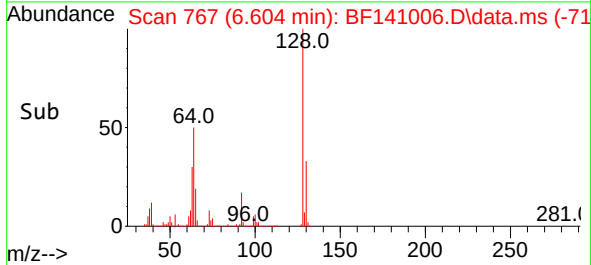
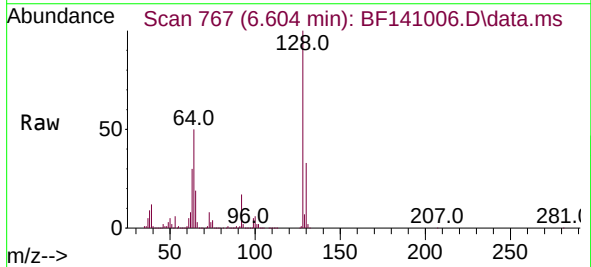
Manual Integrations
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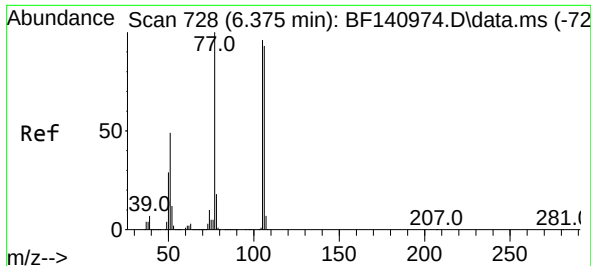
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#8
2-Chlorophenol
Concen: 51.472 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:128 Resp: 874397
Ion Ratio Lower Upper
128 100
130 33.3 12.2 52.2
64 50.2 30.3 70.3





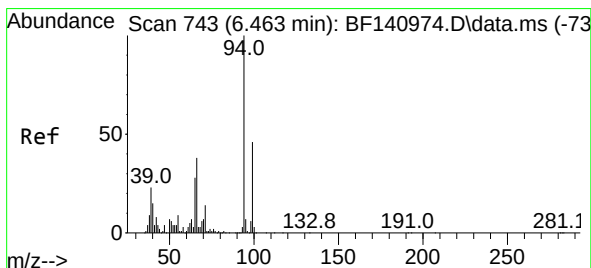
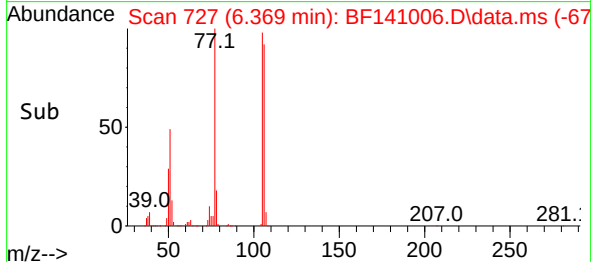
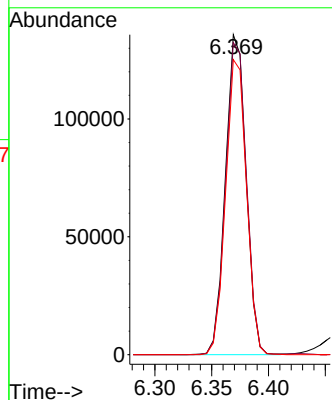
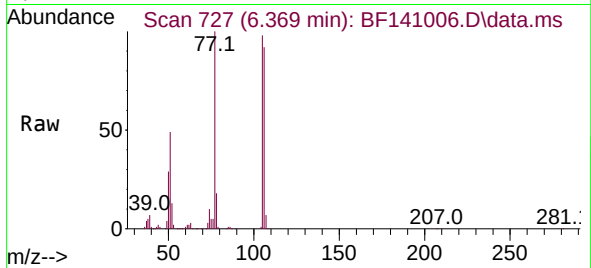
#9
Benzaldehyde
Concen: 10.837 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 171180
Ion Ratio Lower Upper
77 100
105 97.5 76.2 116.2
106 92.2 73.4 113.4

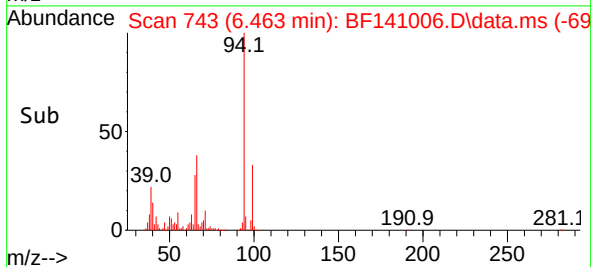
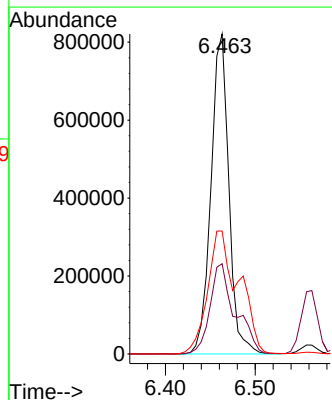
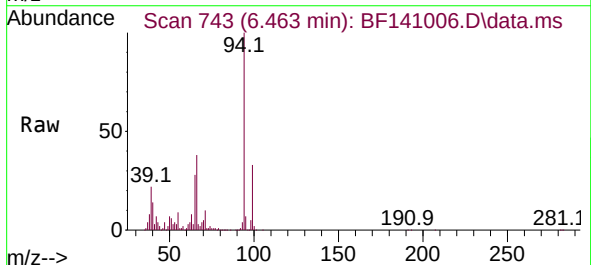
Manual Integrations
APPROVED

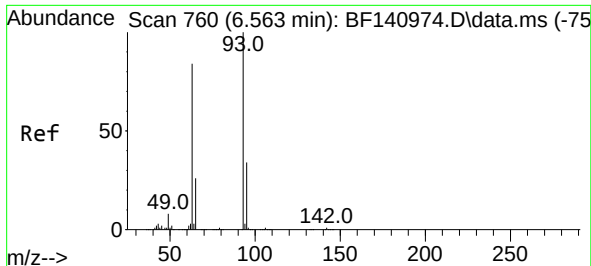
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Phenol
Concen: 52.975 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion: 94 Resp: 1136982
Ion Ratio Lower Upper
94 100
65 28.2 8.1 48.1
66 38.4 18.7 58.7





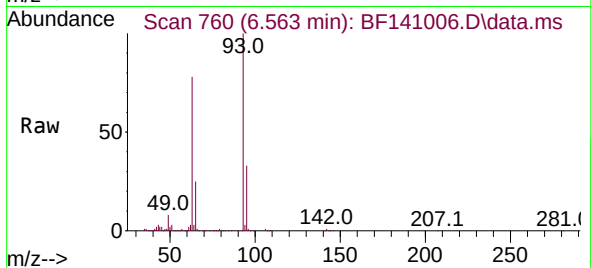
#11
bis(2-Chloroethyl)ether
Concen: 47.580 ng
RT: 6.563 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

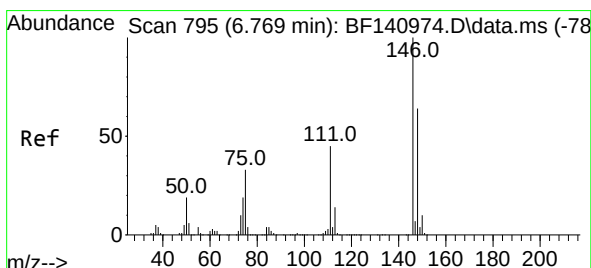
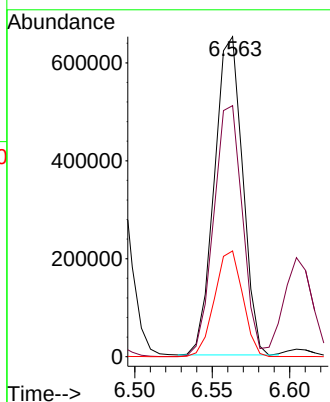
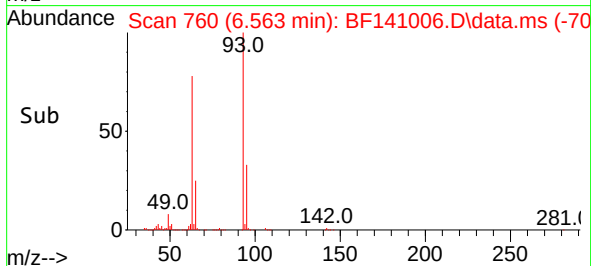
COMP-1MSD



Tgt Ion: 93 Resp: 82455
Ion Ratio Lower Upper
93 100
63 78.4 60.3 100.3
95 33.0 12.2 52.2

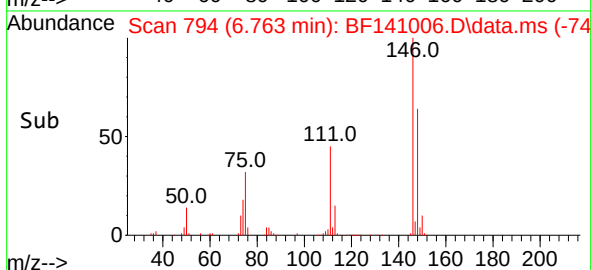
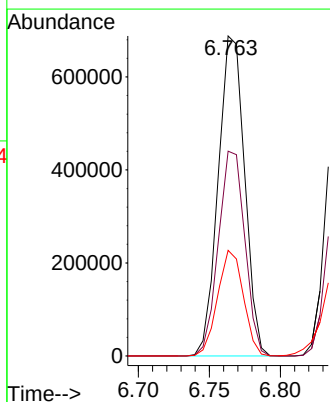
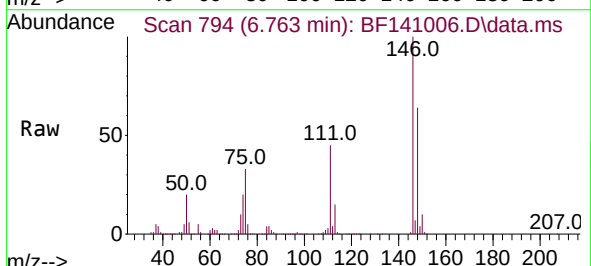
Manual Integrations
APPROVED

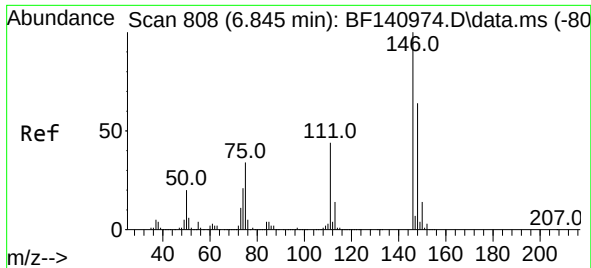
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#12
1,3-Dichlorobenzene
Concen: 47.485 ng
RT: 6.763 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:146 Resp: 890231
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 33.0 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 47.749 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

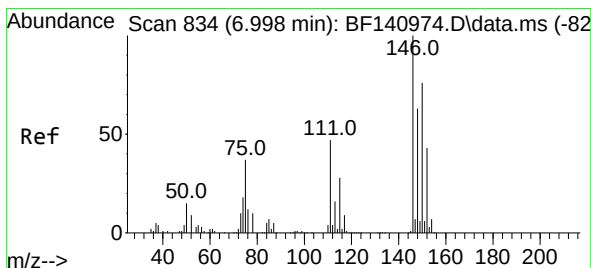
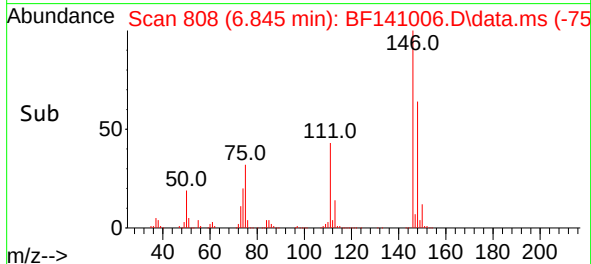
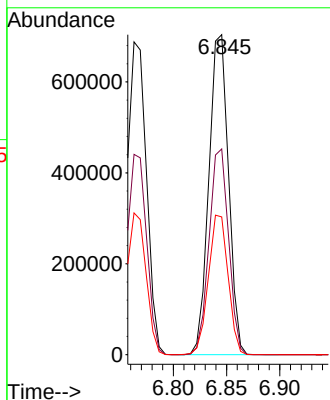
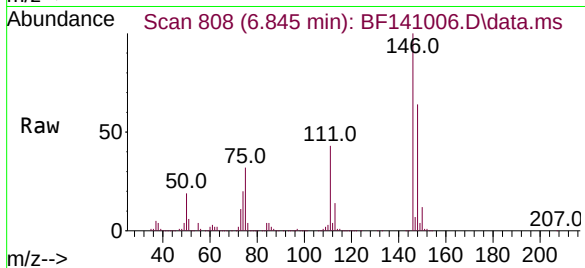
ClientSampleId :

COMP-1MSD

Tgt Ion:146 Resp: 902429
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 43.1 35.3 52.9

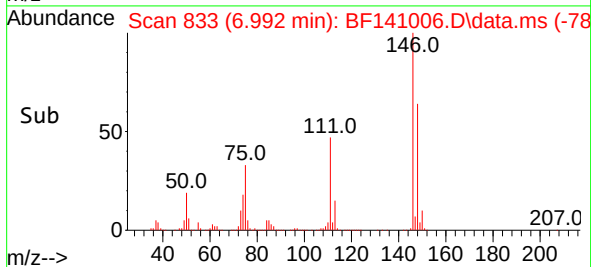
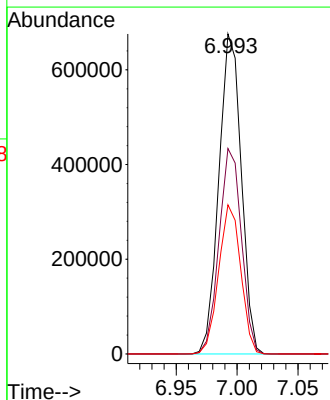
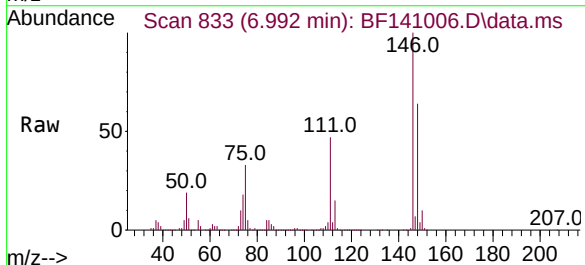
Manual Integrations
APPROVED

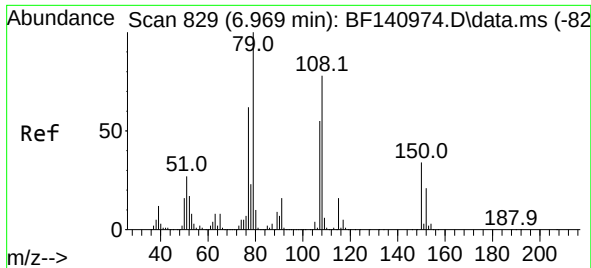
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
1,2-Dichlorobenzene
Concen: 49.058 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:146 Resp: 864464
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
111 46.6 37.3 55.9





#15
Benzyl Alcohol
Concen: 52.236 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

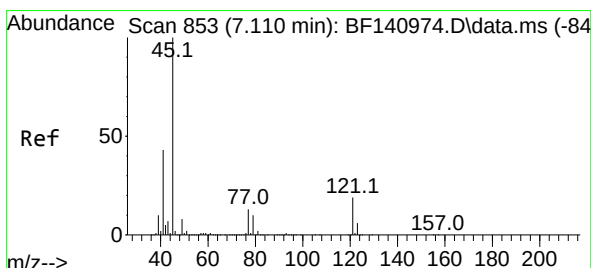
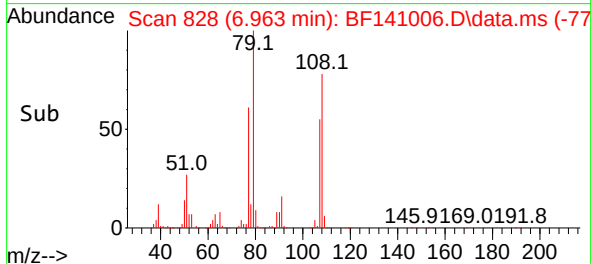
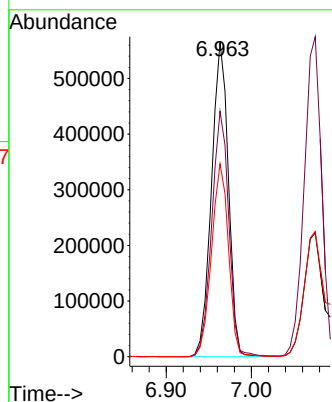
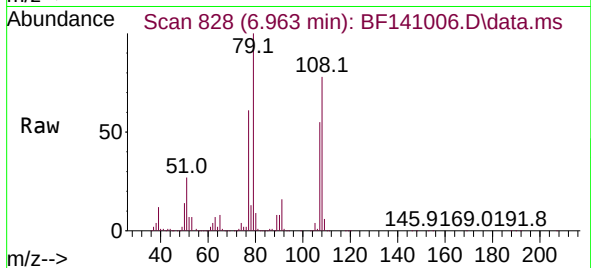
ClientSampleId :

COMP-1MSD

Tgt Ion: 79 Resp: 77913
Ion Ratio Lower Upper
79 100
108 78.0 62.5 93.7
77 61.3 49.3 73.9

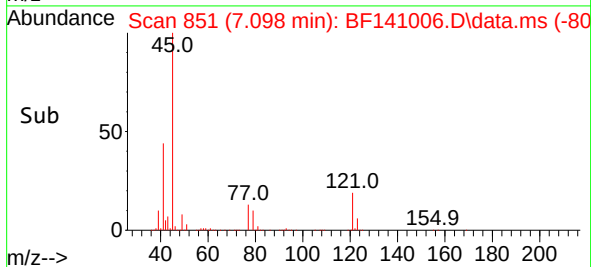
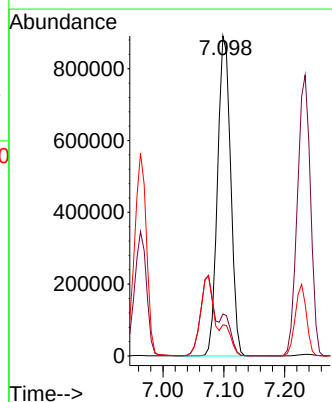
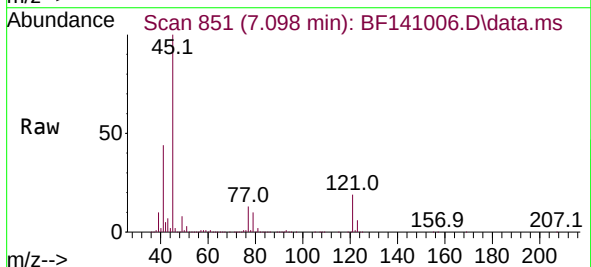
Manual Integrations
APPROVED

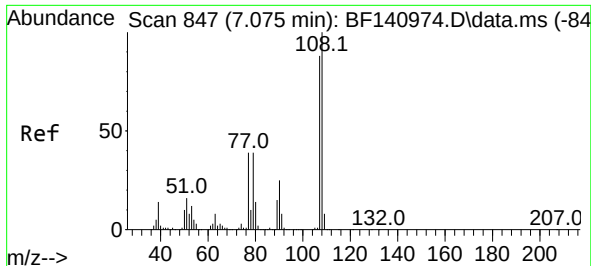
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.679 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion: 45 Resp: 1328198
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.1
79 9.7 0.0 30.1





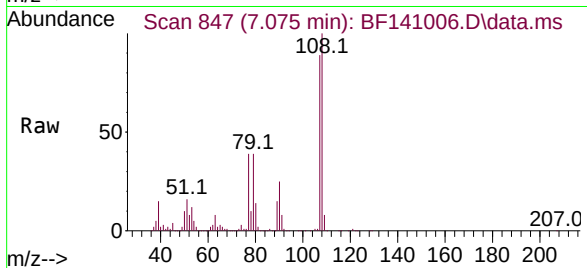
#17
2-Methylphenol
Concen: 50.877 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

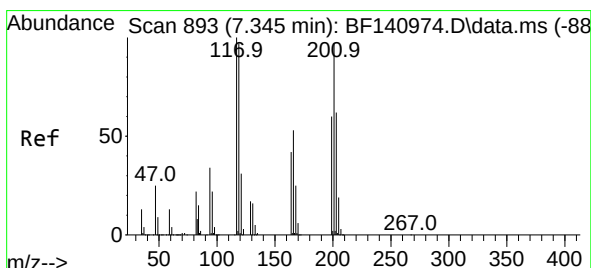
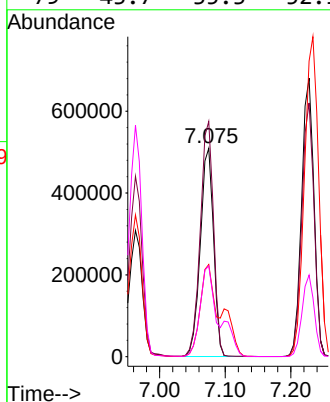
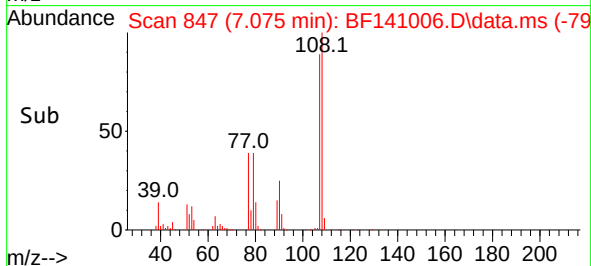


Tgt Ion:107 Resp: 718028
Ion Ratio Lower Upper
107 100
108 112.9 90.6 136.0
77 44.2 35.3 52.9
79 43.7 35.3 52.9

Manual Integrations

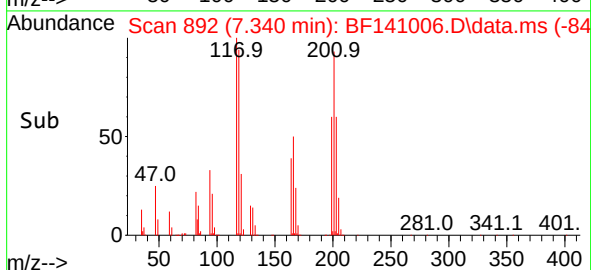
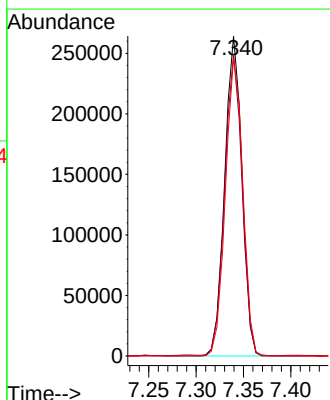
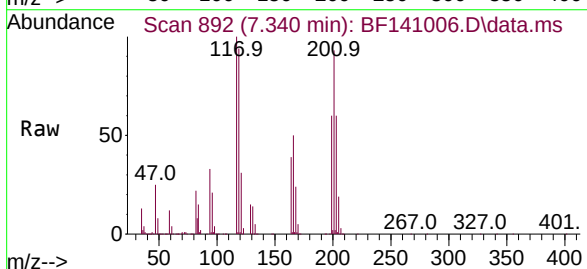
APPROVED

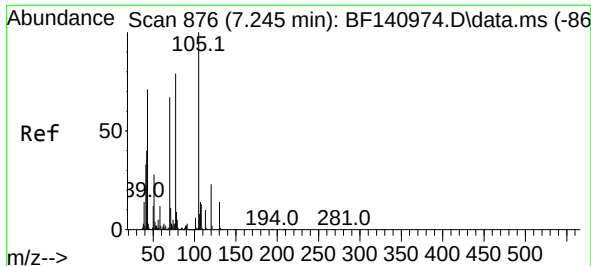
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 49.979 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:117 Resp: 335545
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3
201 93.2 77.4 116.2





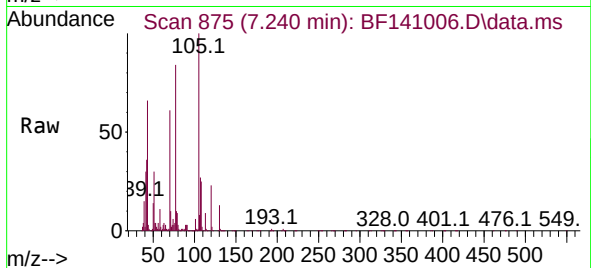
#19
n-Nitroso-di-n-propylamine
Concen: 49.168 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

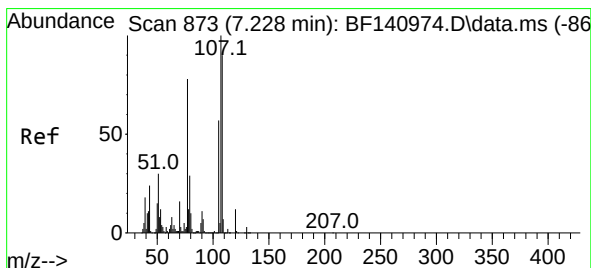
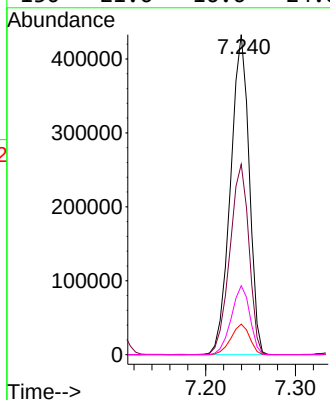
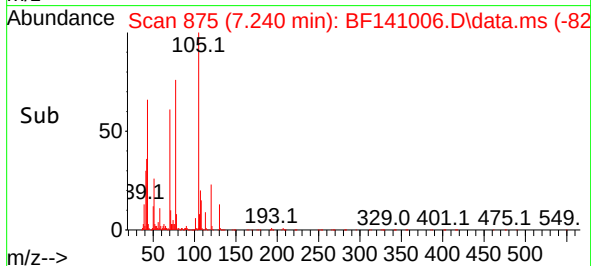


Tgt Ion: 70 Resp: 625228
Ion Ratio Lower Upper
70 100
42 59.5 48.1 72.1
101 9.6 7.6 11.4
130 21.6 16.6 24.8

Manual Integrations

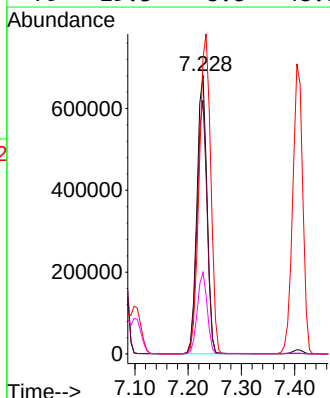
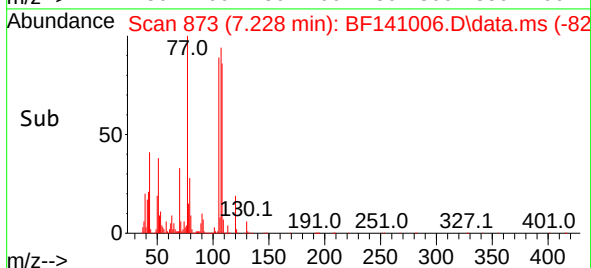
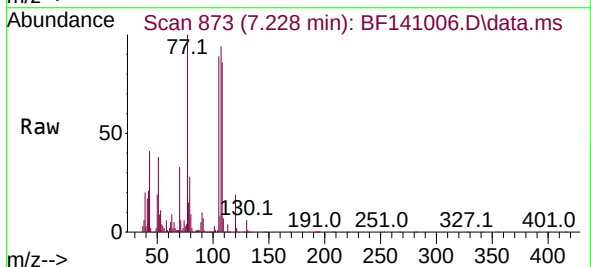
APPROVED

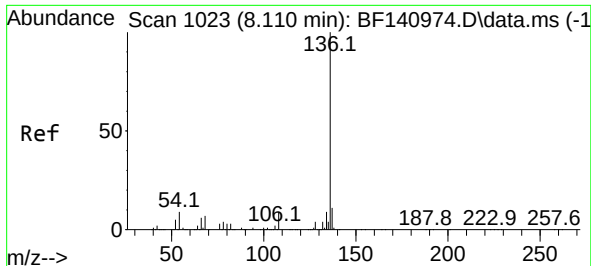
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#20
3+4-Methylphenols
Concen: 49.788 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:107 Resp: 889193
Ion Ratio Lower Upper
107 100
108 91.1 69.6 109.6
77 106.1 57.6 97.6#
79 29.3 8.8 48.8





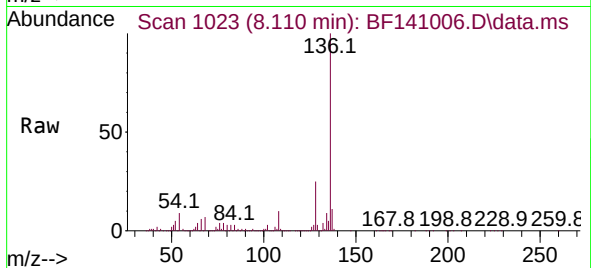
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

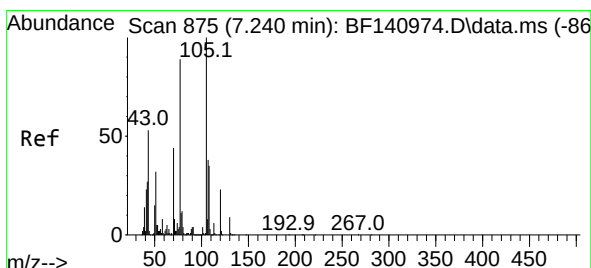
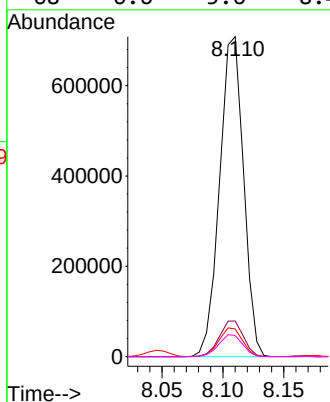
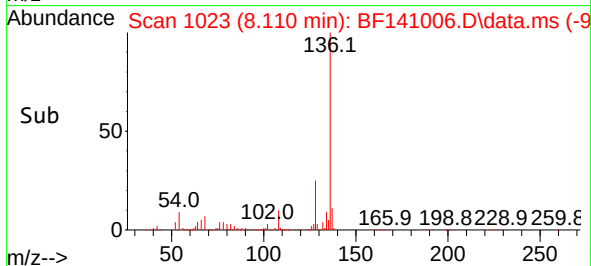


Tgt Ion:136 Resp: 970690
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.7 7.6 11.4
68 6.6 5.6 8.4

Manual Integrations

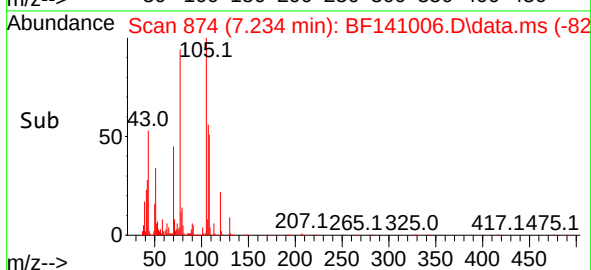
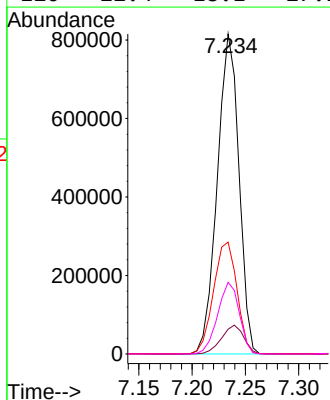
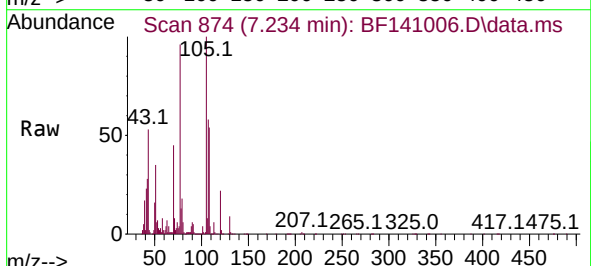
APPROVED

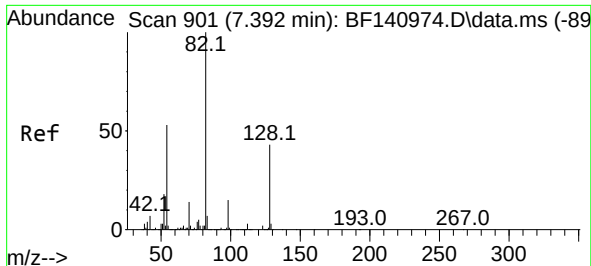
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Acetophenone
Concen: 48.298 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:105 Resp: 1150104
Ion Ratio Lower Upper
105 100
71 7.7 6.1 9.1
51 34.9 25.8 38.6
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 84.064 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion: 82 Resp: 127544

Ion Ratio Lower Upper

82 100

128 43.7 34.4 51.6

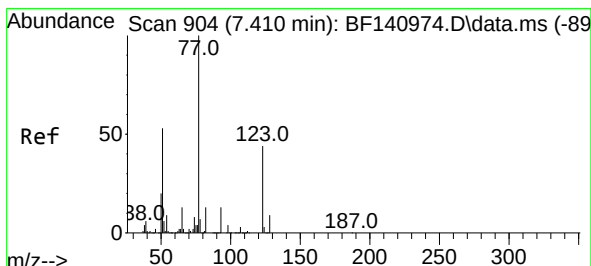
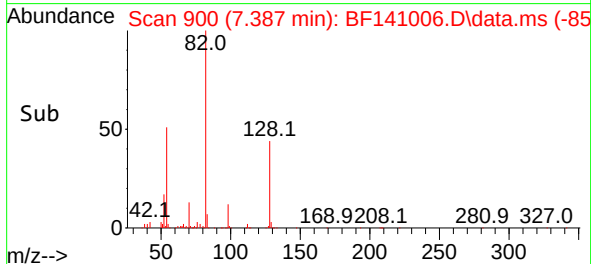
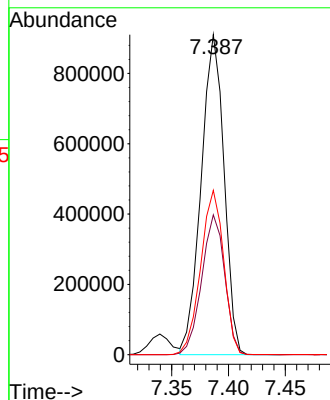
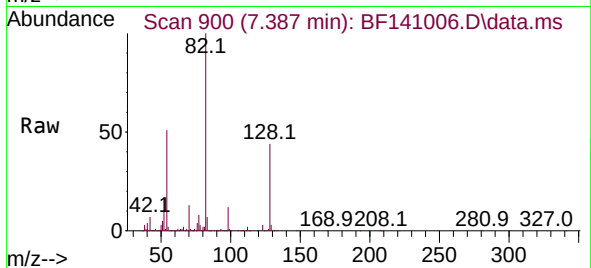
54 51.4 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 54.882 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

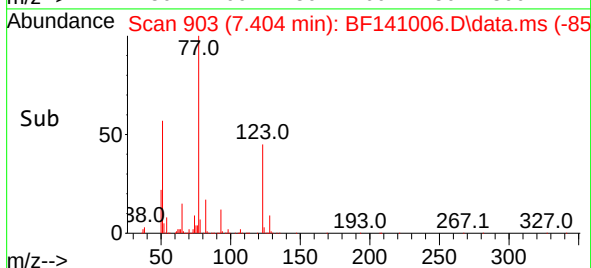
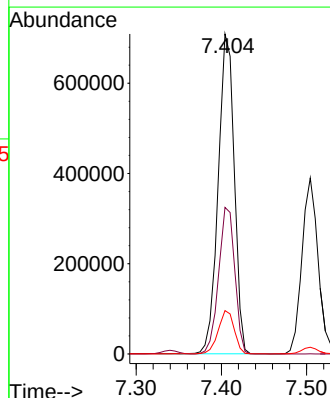
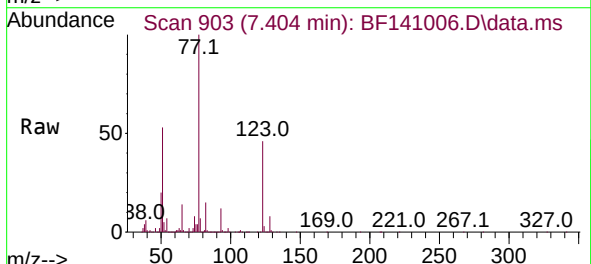
Tgt Ion: 77 Resp: 930435

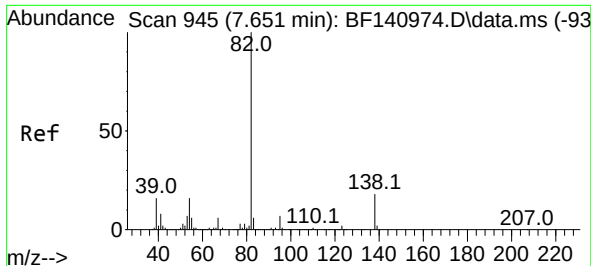
Ion Ratio Lower Upper

77 100

123 45.8 35.4 53.2

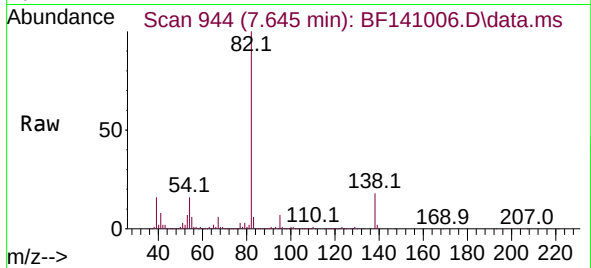
65 13.5 10.7 16.1





#25
Isophorone
Concen: 50.429 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

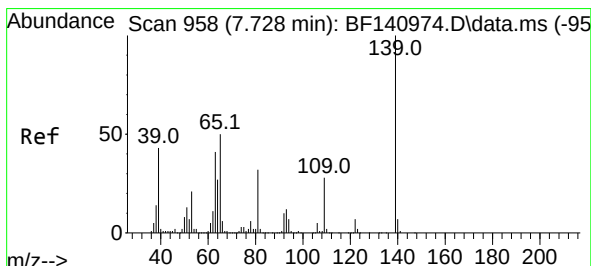
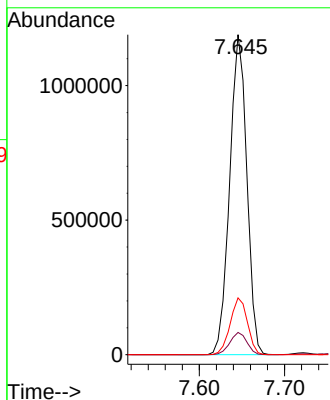
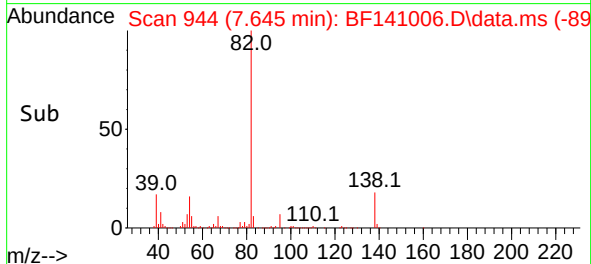
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion: 82 Resp: 166494
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 14.6 21.8

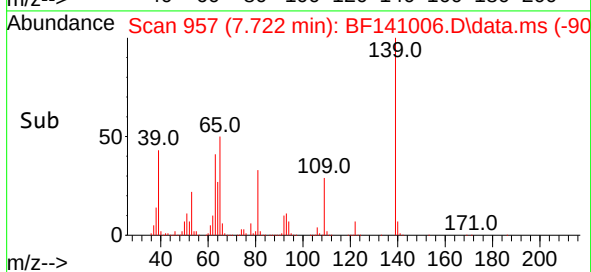
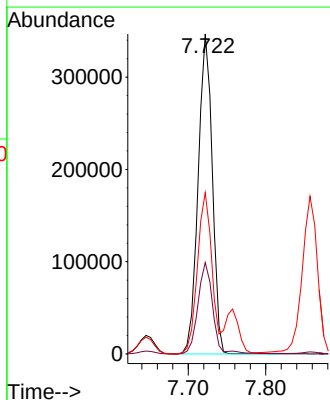
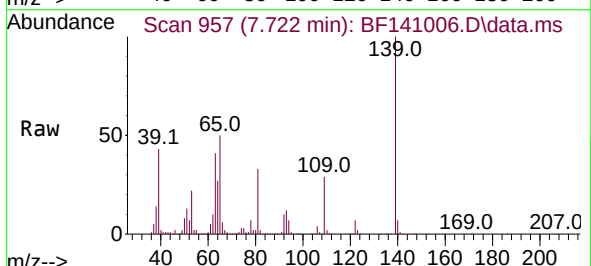
Manual Integrations
APPROVED

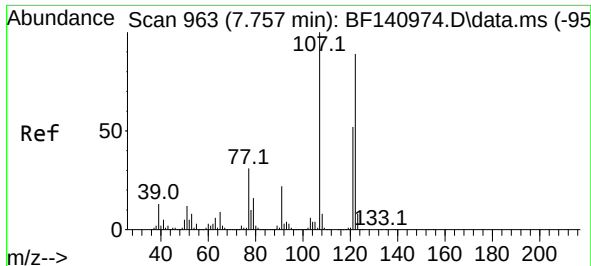
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 61.631 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:139 Resp: 439951
Ion Ratio Lower Upper
139 100
109 28.6 22.2 33.4
65 50.4 40.2 60.4





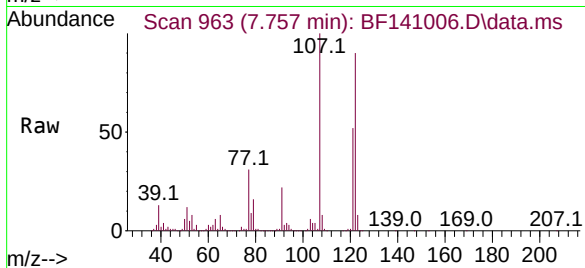
#27
2,4-Dimethylphenol
Concen: 60.790 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



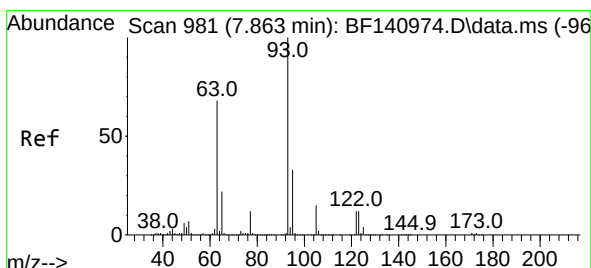
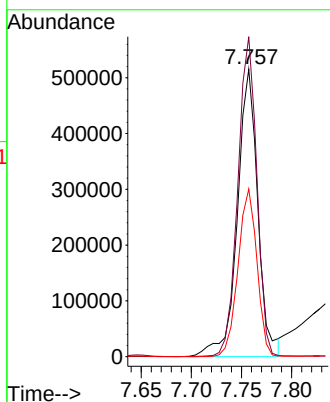
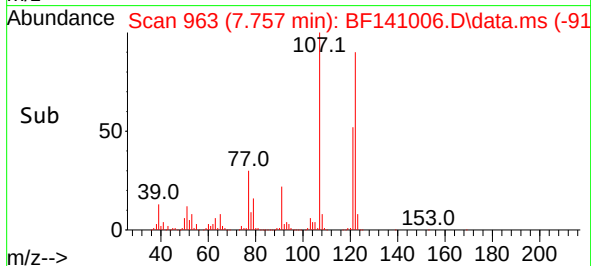
Tgt Ion:122 Resp: 73350
Ion Ratio Lower Upper
122 100
107 111.3 89.4 134.2
121 58.3 46.7 70.1

Manual Integrations

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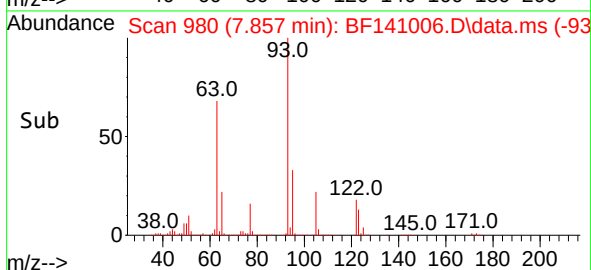
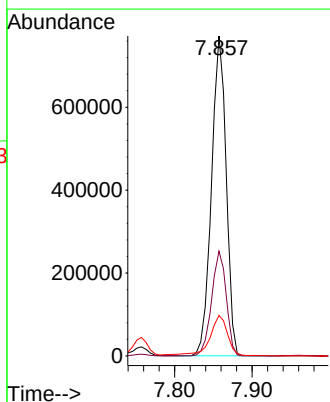
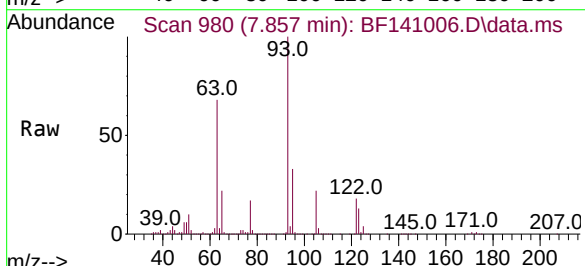
Reviewed By :Yogesh Patel 12/30/2024

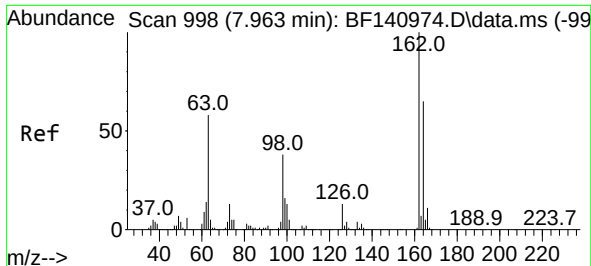
Supervised By :mohammad ahmed 12/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.449 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion: 93 Resp: 1013476
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 51.292 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

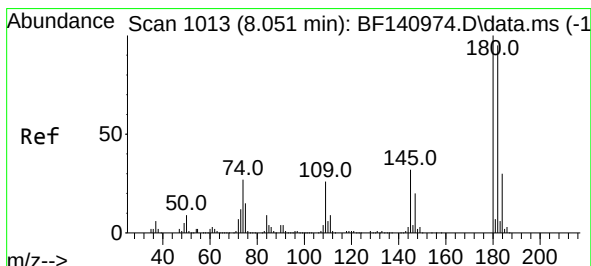
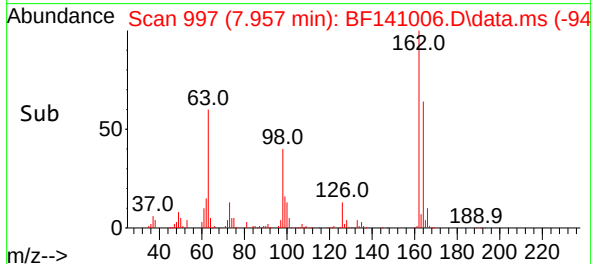
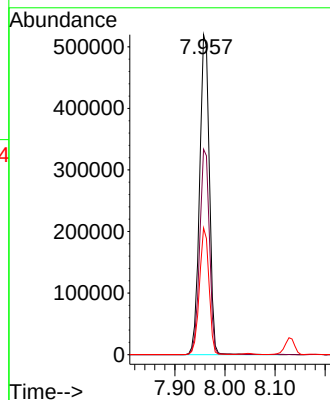
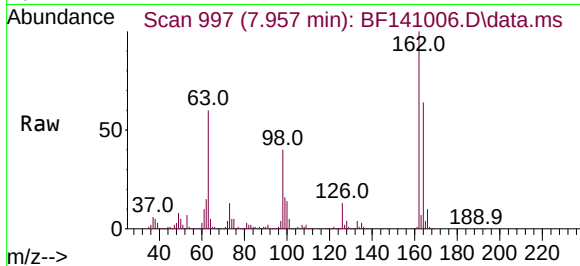
Tgt Ion:162 Resp: 70192
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.8 84.8
 98 39.6 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.840 ng

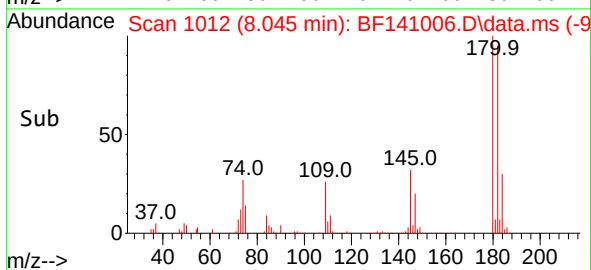
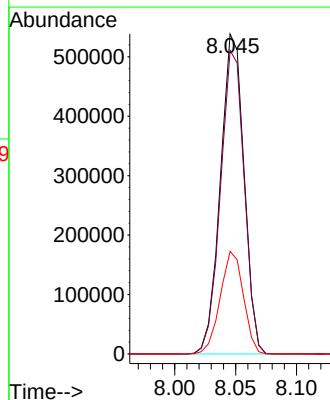
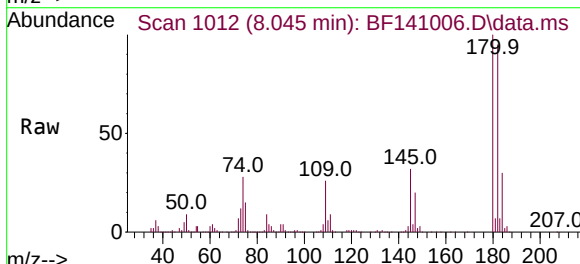
RT: 8.045 min Scan# 1012

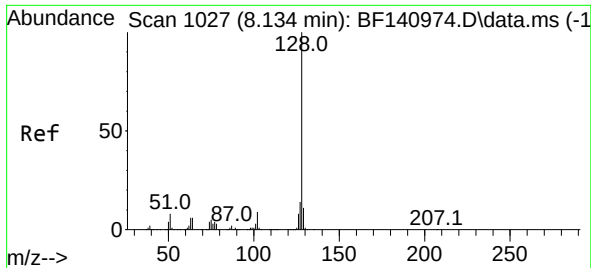
Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Tgt Ion:180 Resp: 725510
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.2 114.4
 145 32.1 25.4 38.2





#31
Naphthalene
Concen: 48.027 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

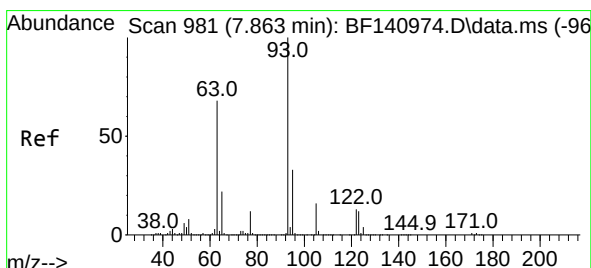
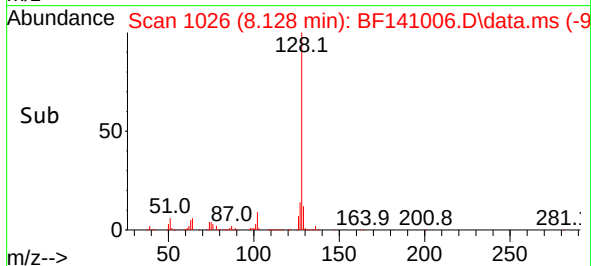
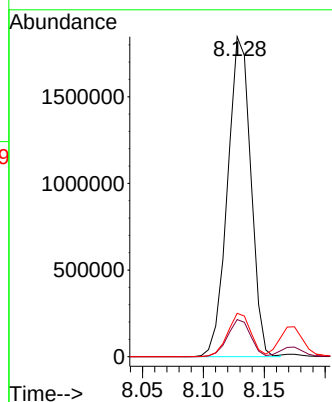
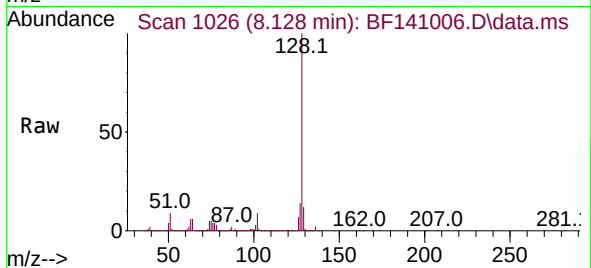
Tgt Ion:128 Resp: 2456550
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 11.0 16.4

Manual Integrations

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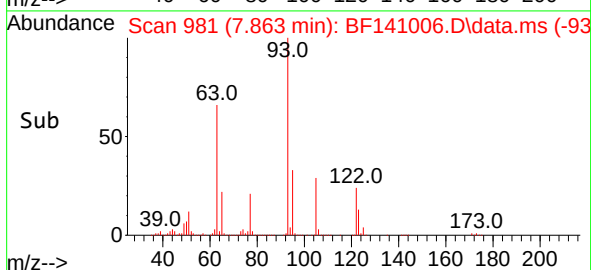
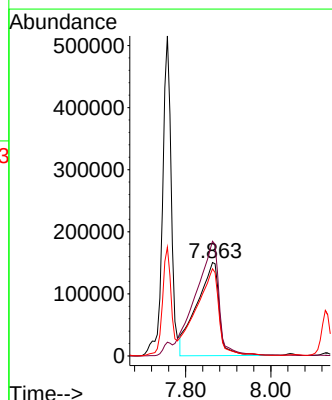
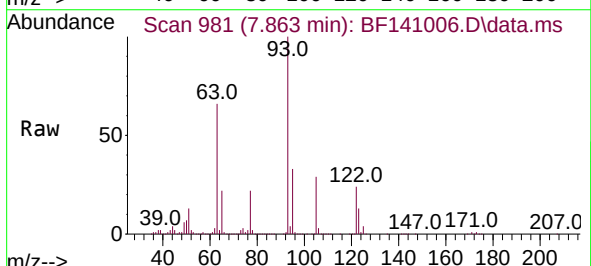
Reviewed By :Yogesh Patel 12/30/2024

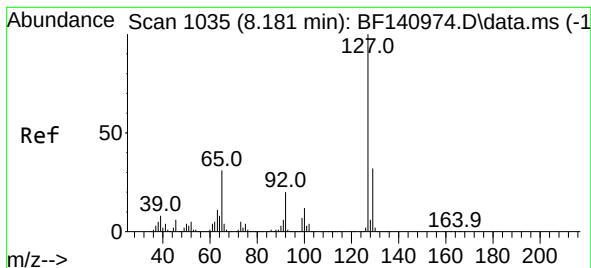
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 54.393 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:122 Resp: 552233
Ion Ratio Lower Upper
122 100
105 122.7 105.4 145.4
77 93.2 76.4 116.4





#33
4-Chloroaniline
Concen: 13.275 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

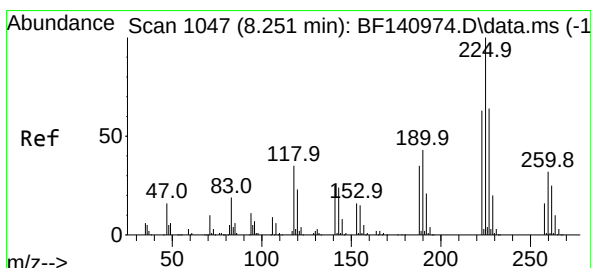
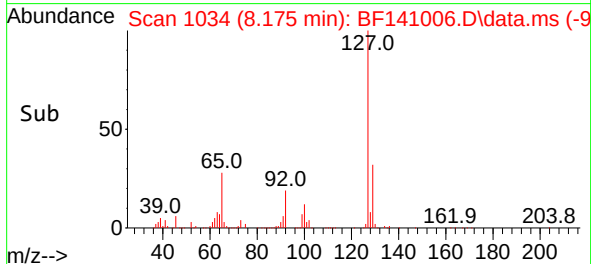
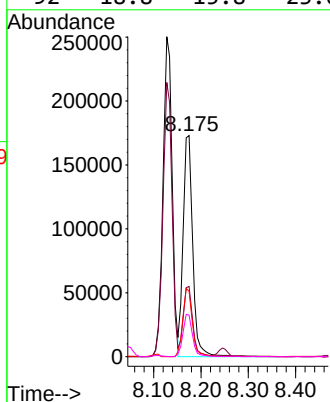
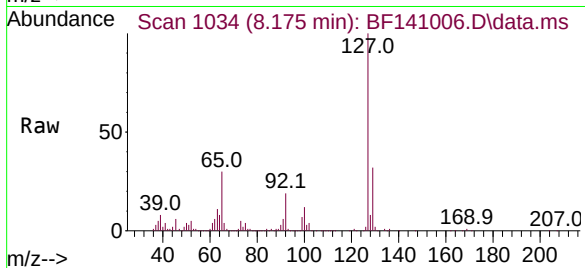
COMP-1MSD

Tgt Ion:127 Resp: 24565
Ion Ratio Lower Upper
127 100
129 31.8 26.1 39.1
65 29.6 24.6 37.0
92 18.8 15.8 23.6

Manual Integrations

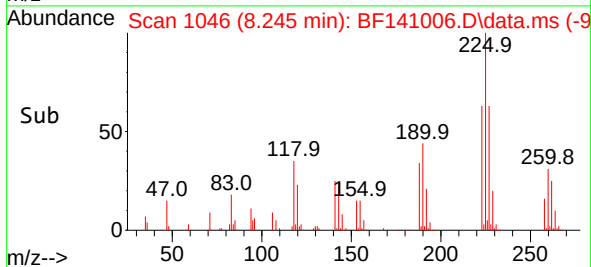
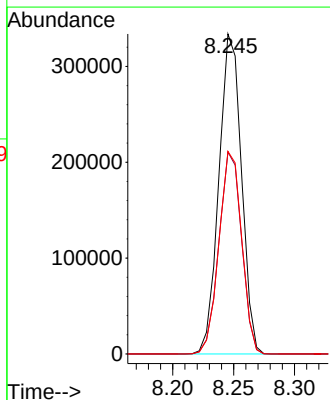
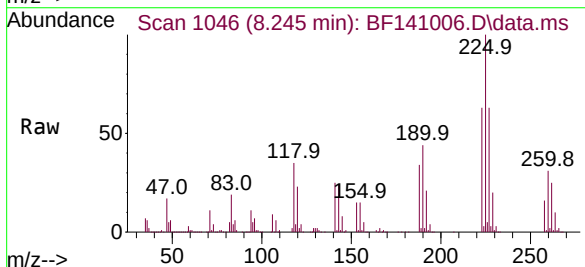
APPROVED

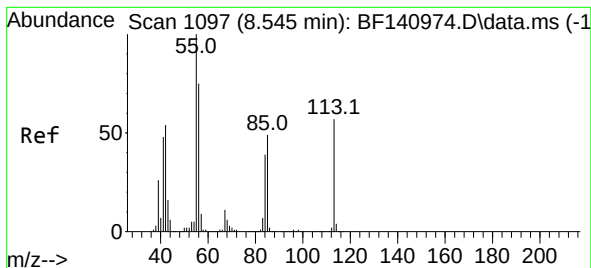
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 47.113 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:225 Resp: 430200
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 63.3 50.8 76.2





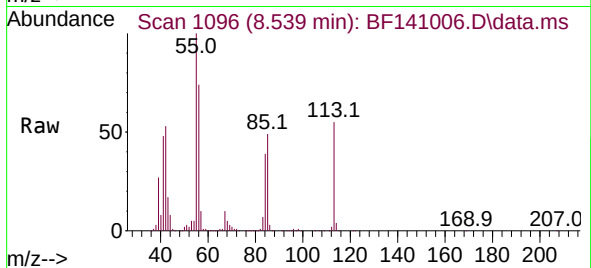
#35
Caprolactam
Concen: 48.027 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

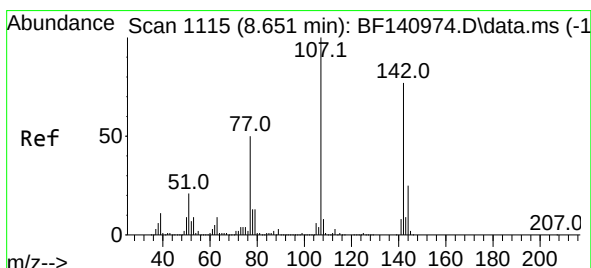
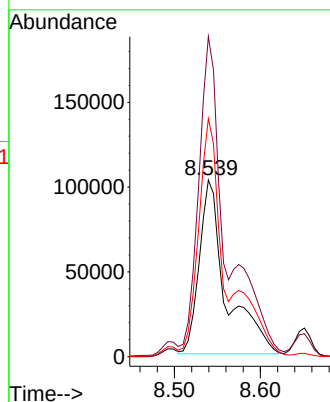
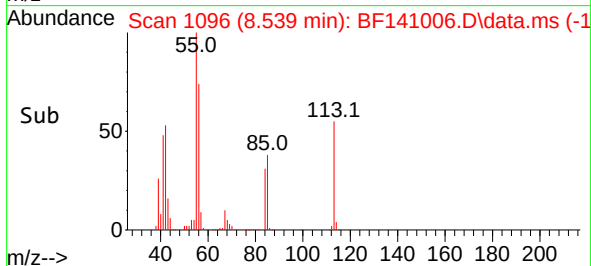


Tgt Ion:113 Resp: 223432
Ion Ratio Lower Upper
113 100
55 181.2 156.6 196.6
56 134.8 111.7 151.7

Manual Integrations

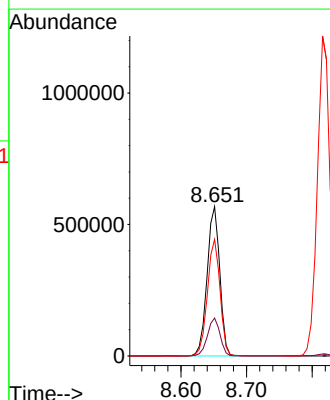
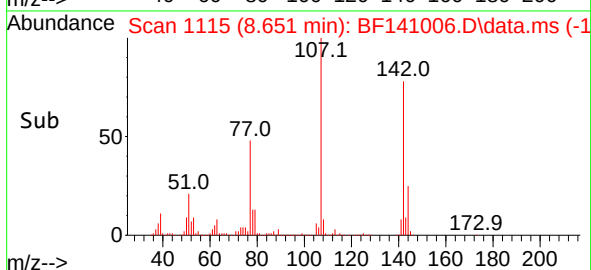
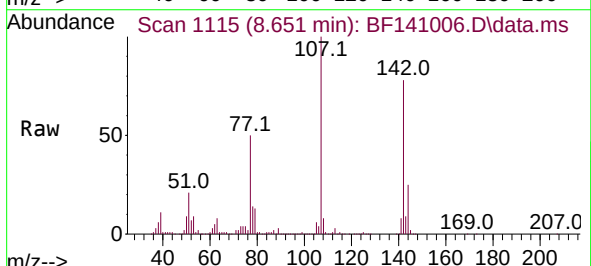
APPROVED

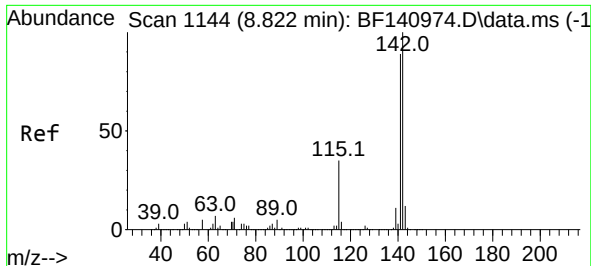
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#36
4-Chloro-3-methylphenol
Concen: 50.458 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:107 Resp: 766848
Ion Ratio Lower Upper
107 100
144 25.4 19.9 29.9
142 78.1 61.8 92.8





#37

2-Methylnaphthalene

Concen: 49.015 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:142 Resp: 1603890

Ion Ratio Lower Upper

142 100

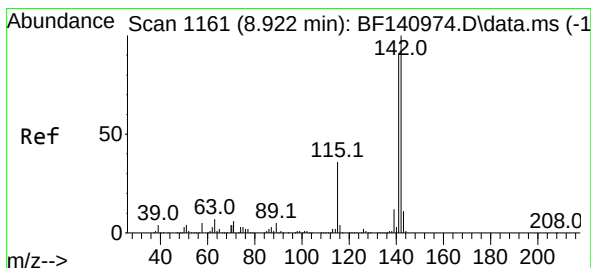
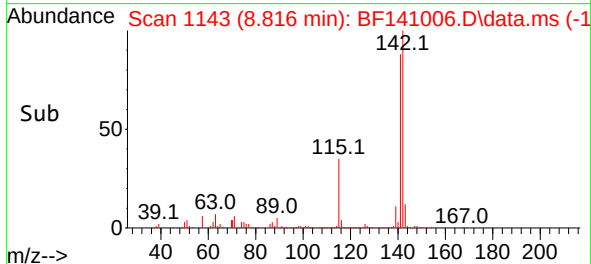
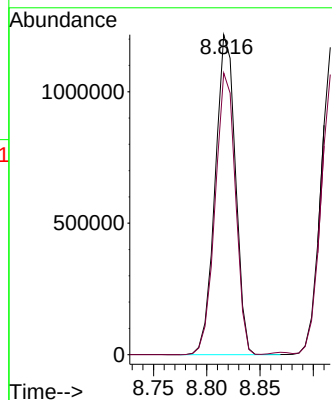
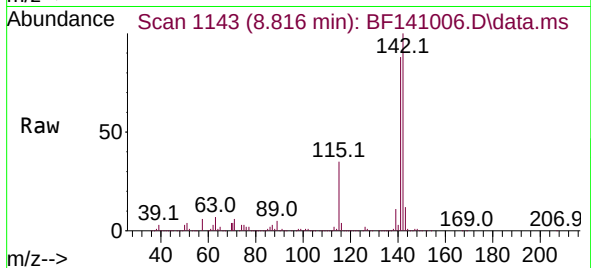
141 88.1 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#38

1-Methylnaphthalene

Concen: 46.973 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF141006.D

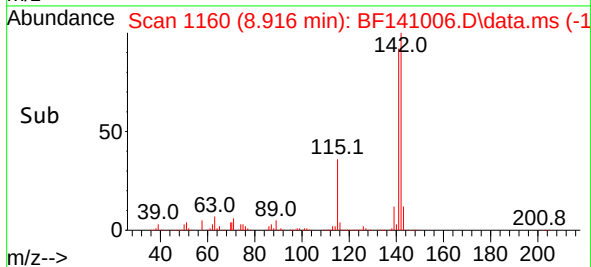
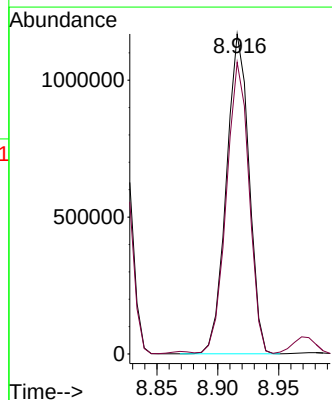
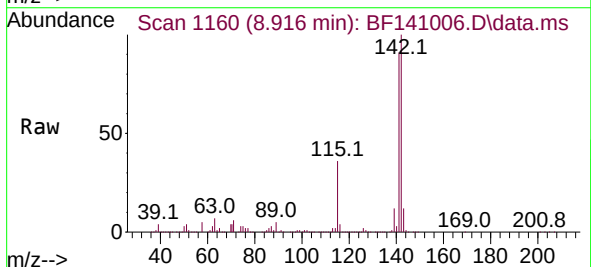
Acq: 27 Dec 2024 19:32

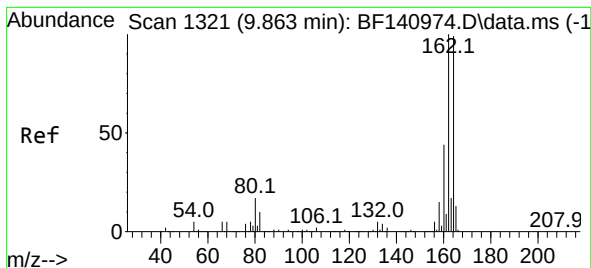
Tgt Ion:142 Resp: 1510604

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141006.D

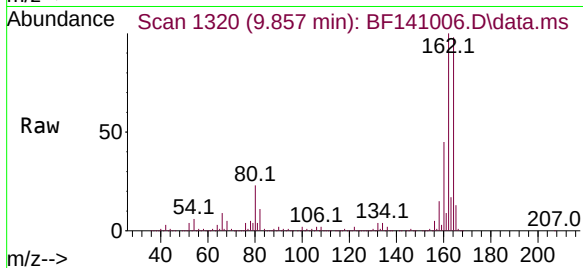
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:164 Resp: 512580

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

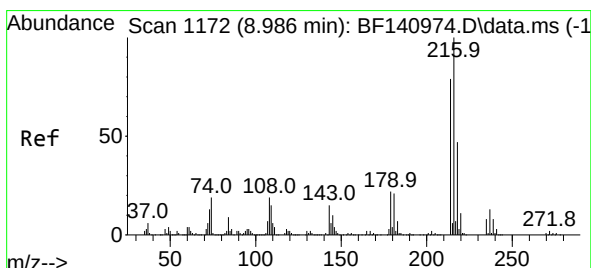
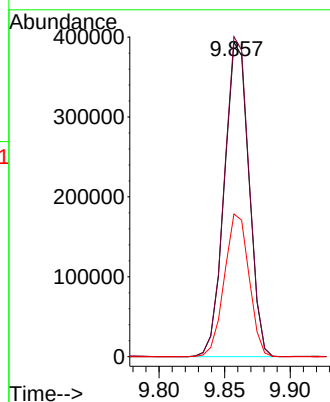
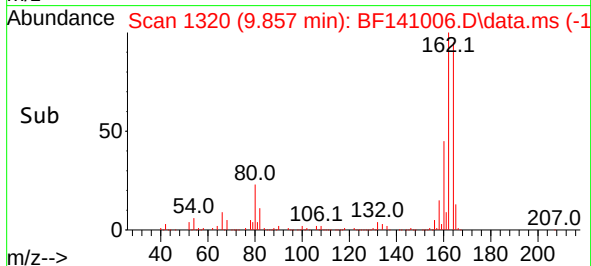
160 45.4 35.7 53.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.155 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Tgt Ion:216 Resp: 707266

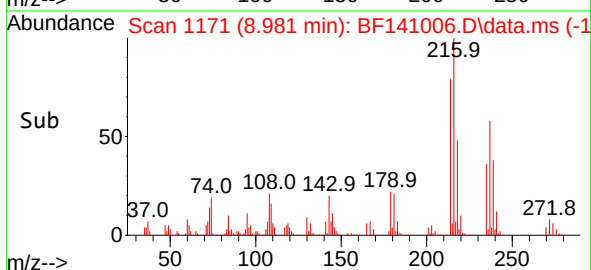
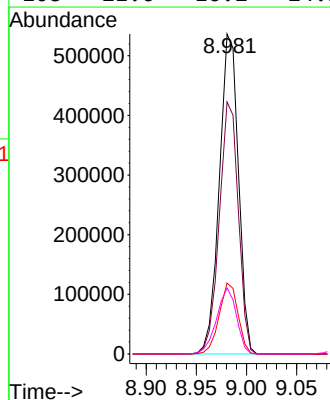
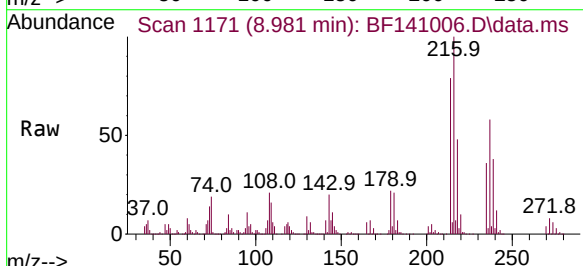
Ion Ratio Lower Upper

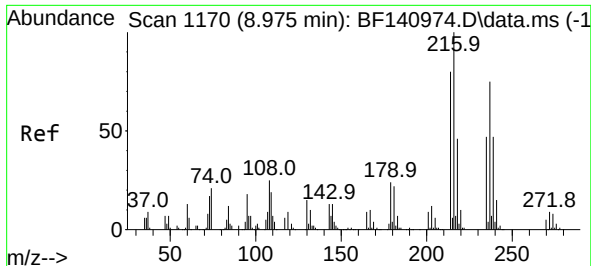
216 100

214 78.4 63.0 94.6

179 21.9 17.9 26.9

108 21.6 16.2 24.2





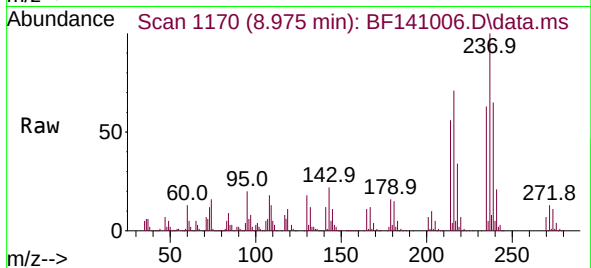
#41
Hexachlorocyclopentadiene
Concen: 143.554 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

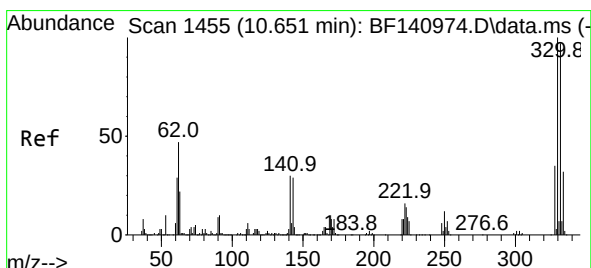
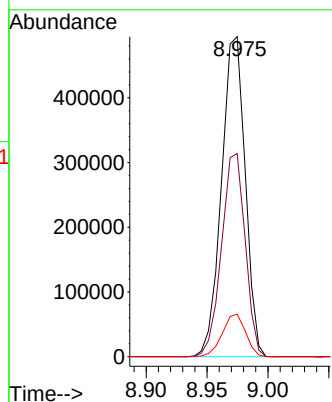
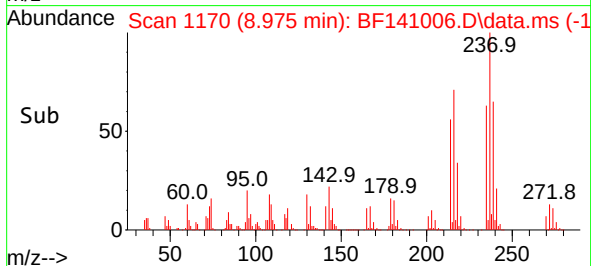


Tgt Ion:237 Resp: 670849
Ion Ratio Lower Upper
237 100
235 63.5 43.4 83.4
272 13.3 0.0 32.6

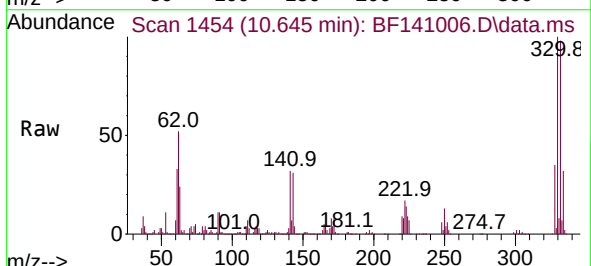
Manual Integrations

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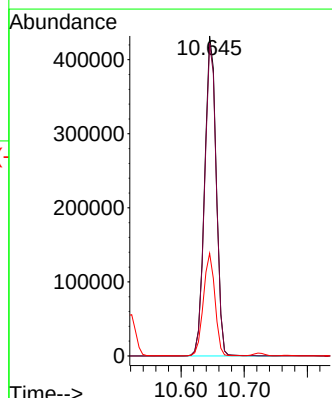
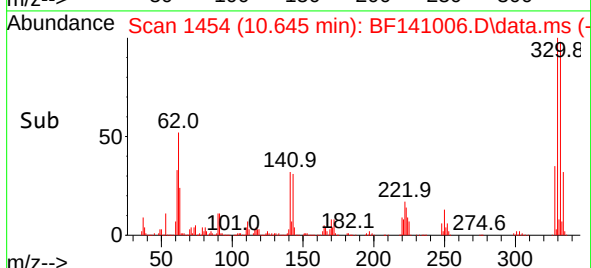
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

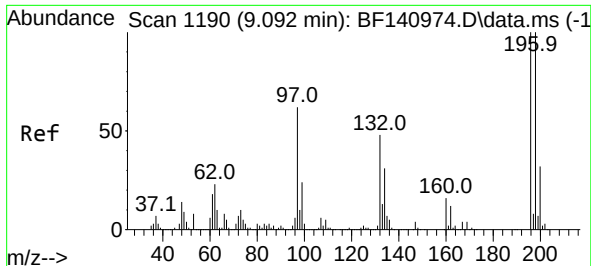


#42
2,4,6-Tribromophenol
Concen: 110.614 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:330 Resp: 550944
Ion Ratio Lower Upper
330 100
332 98.0 78.0 117.0
141 31.9 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 53.488 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF141006.D

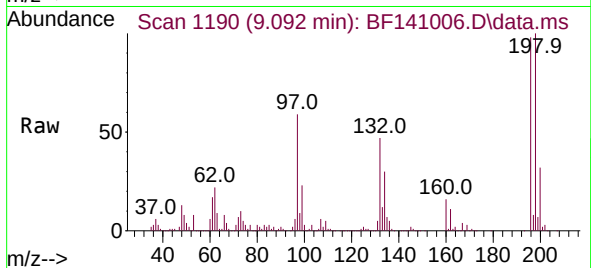
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:196 Resp: 502010

Ion Ratio Lower Upper

196 100

198 101.5 80.2 120.4

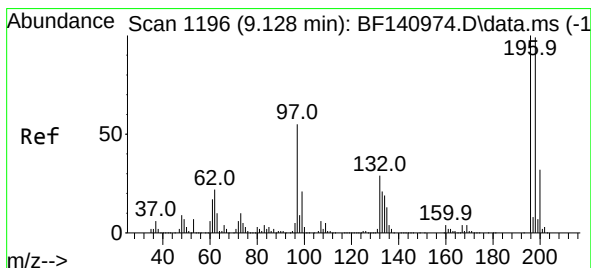
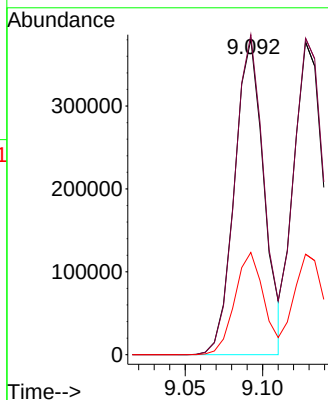
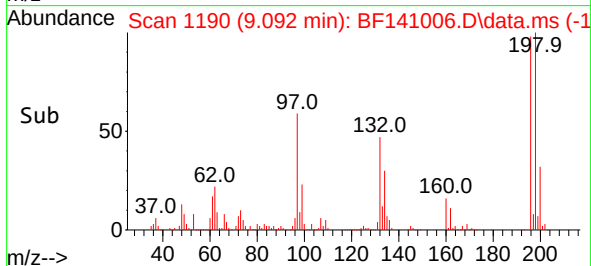
200 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#44

2,4,5-Trichlorophenol

Concen: 51.790 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Tgt Ion:196 Resp: 497344

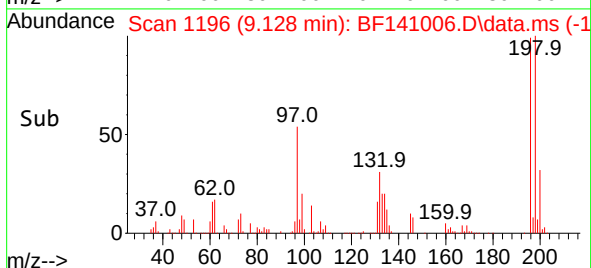
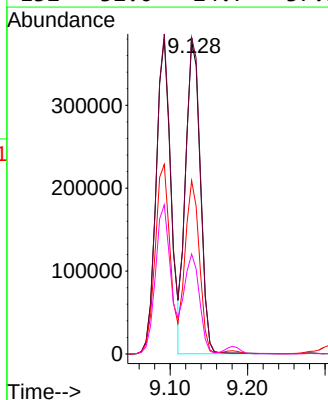
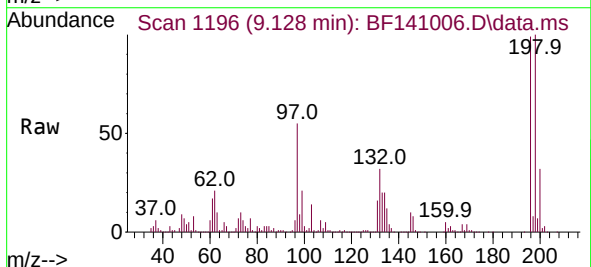
Ion Ratio Lower Upper

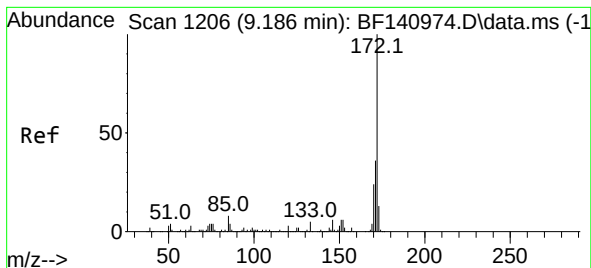
196 100

198 101.3 79.9 119.9

97 55.4 44.3 66.5

132 32.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 70.612 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:172 Resp: 227175

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

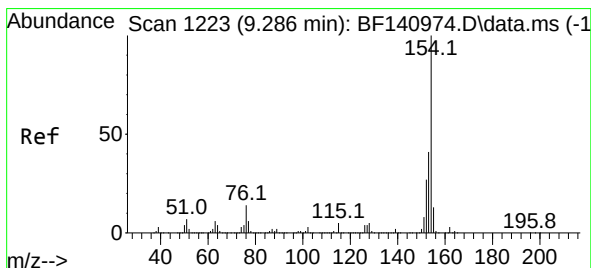
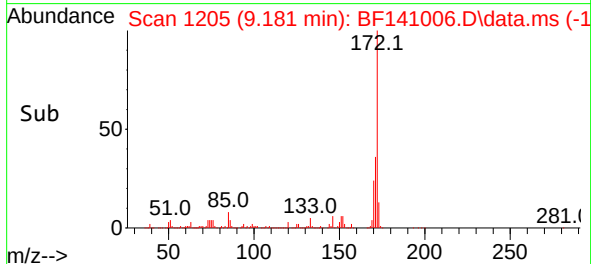
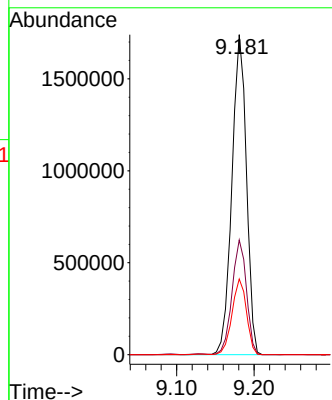
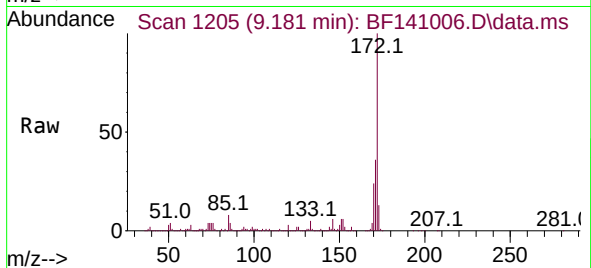
170 23.7 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#46

1,1'-Biphenyl

Concen: 49.742 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.005 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

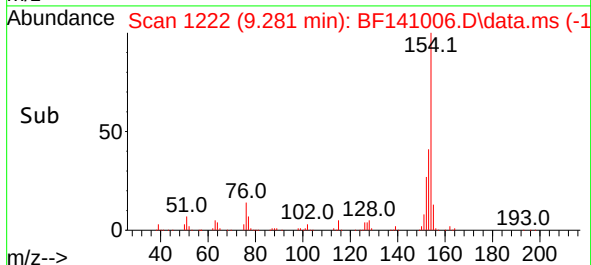
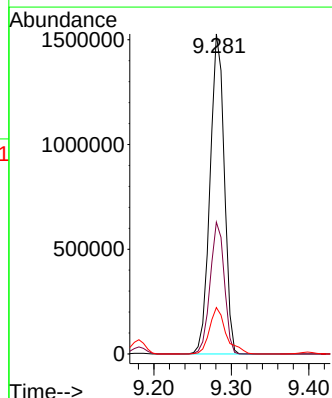
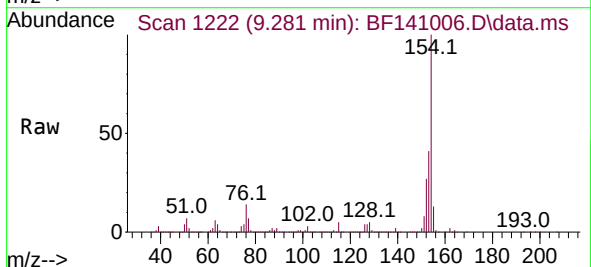
Tgt Ion:154 Resp: 1952272

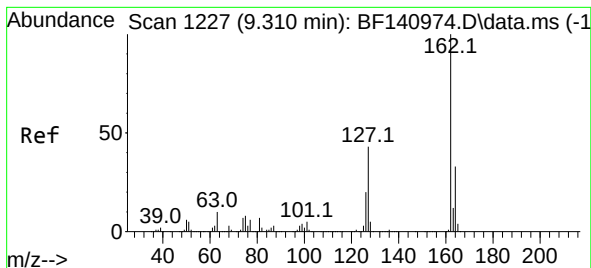
Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

76 14.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.471 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:162 Resp: 147542

Ion Ratio Lower Upper

162 100

127 42.8 34.2 51.4

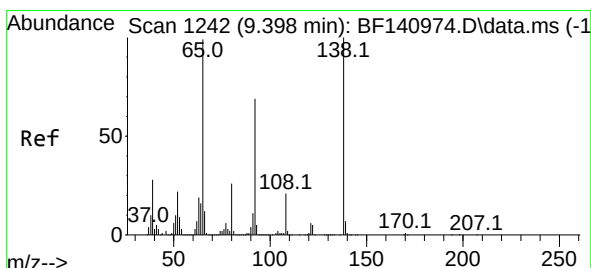
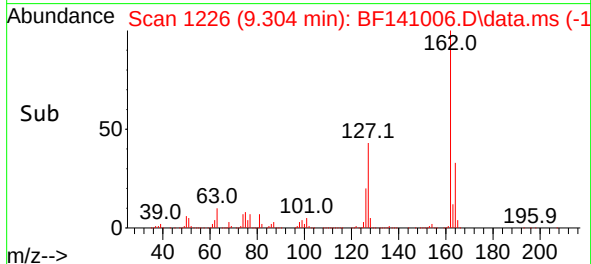
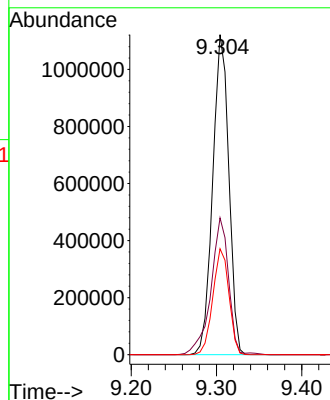
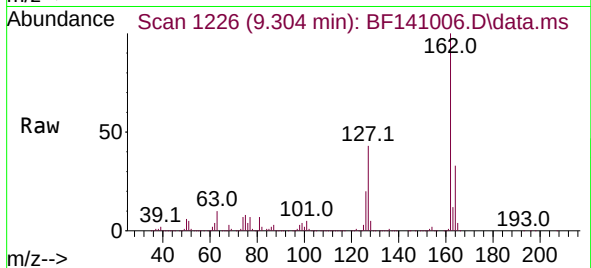
164 33.1 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#48

2-Nitroaniline

Concen: 58.374 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

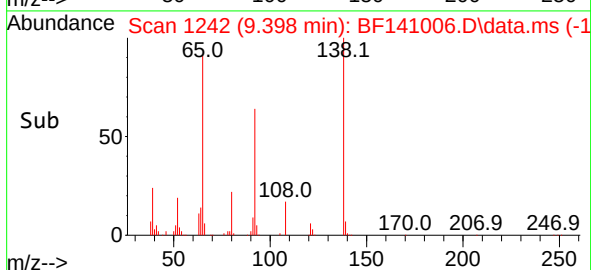
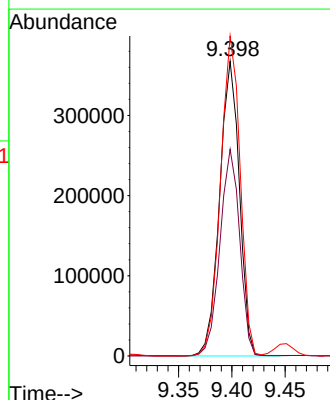
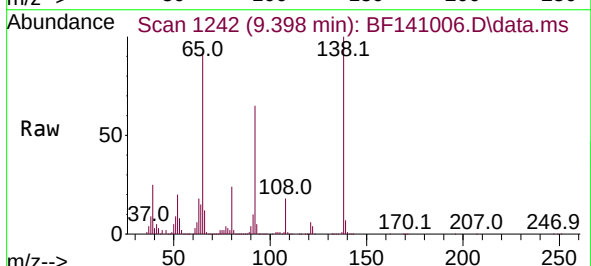
Tgt Ion: 65 Resp: 473694

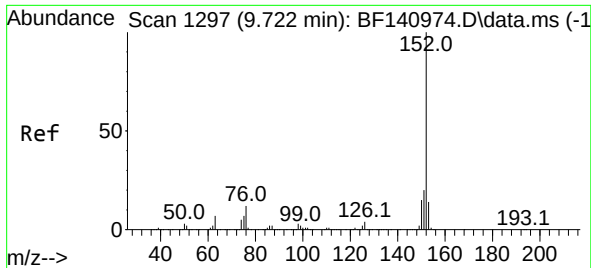
Ion Ratio Lower Upper

65 100

92 70.1 55.6 83.4

138 108.6 80.5 120.7





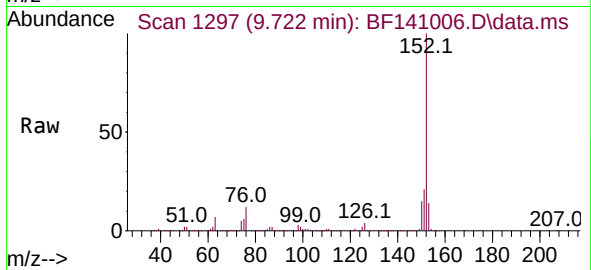
#49
Acenaphthylene
Concen: 51.627 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



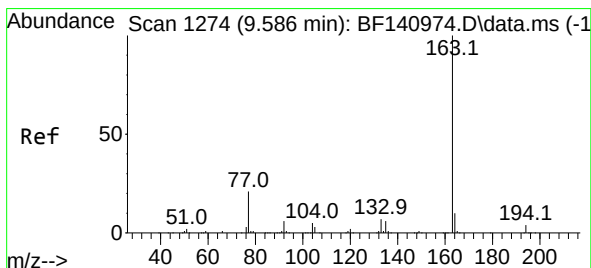
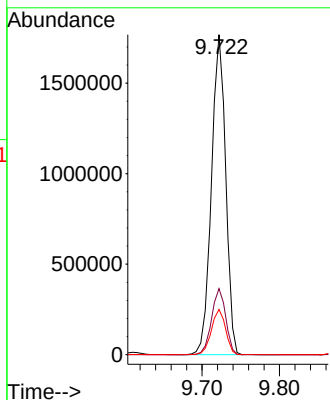
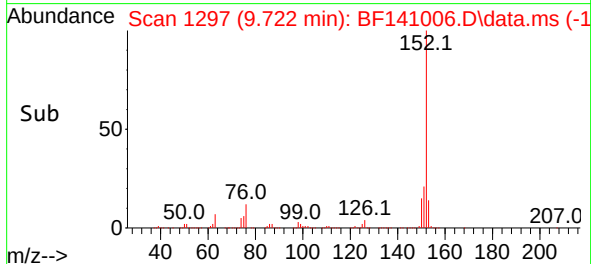
Tgt Ion:152 Resp: 226227
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.2 11.4 17.0

Manual Integrations

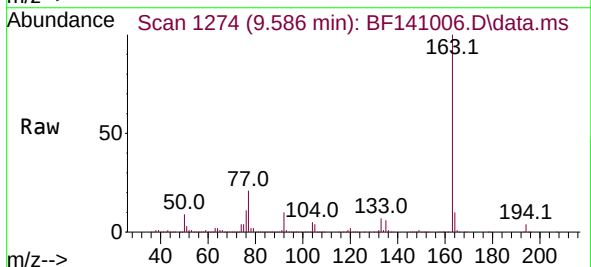
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

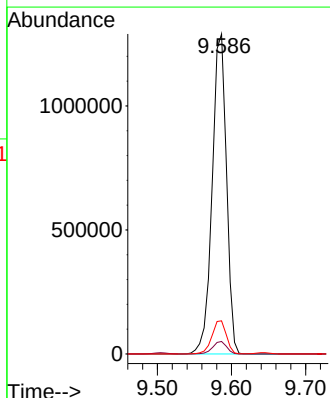
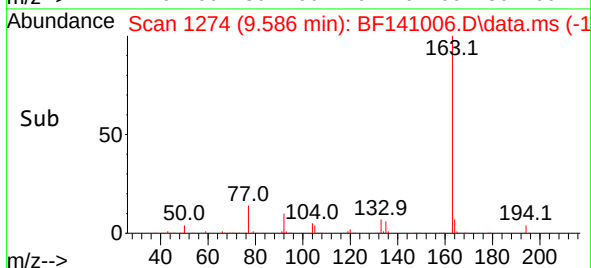
Supervised By :mohammad ahmed 12/30/2024

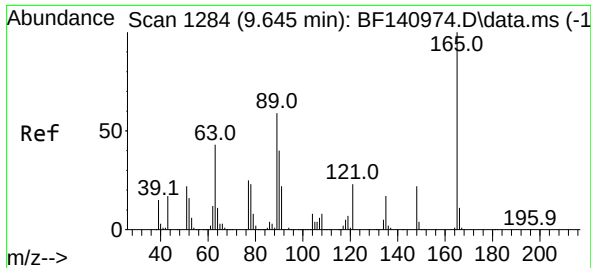


#50
Dimethylphthalate
Concen: 51.246 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:163 Resp: 1727808
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.3 12.5





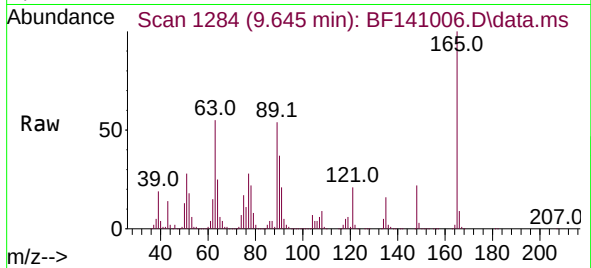
#51
2,6-Dinitrotoluene
Concen: 55.277 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

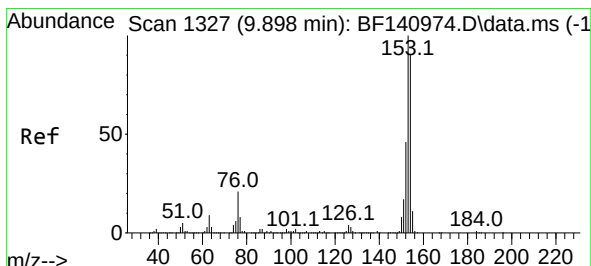
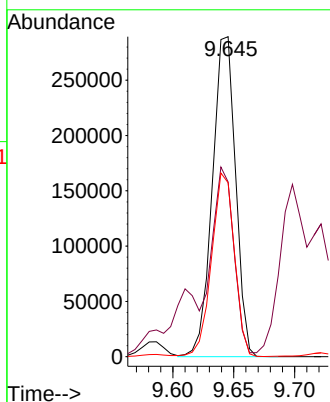
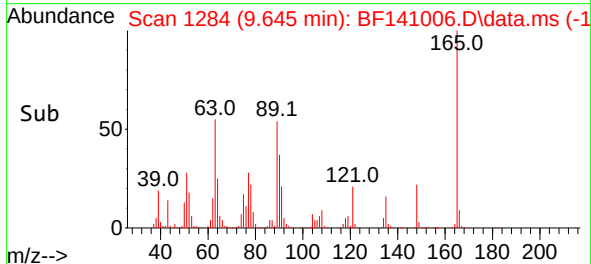


Tgt Ion:165 Resp: 384198
Ion Ratio Lower Upper
165 100
63 54.6 47.1 70.7
89 54.3 47.0 70.4

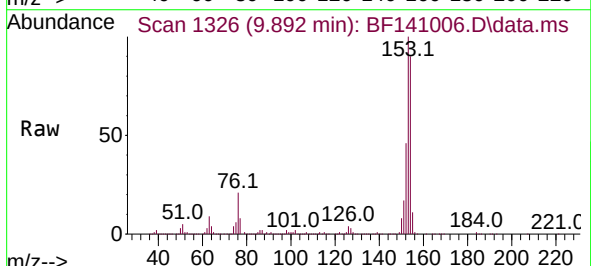
Manual Integrations

APPROVED

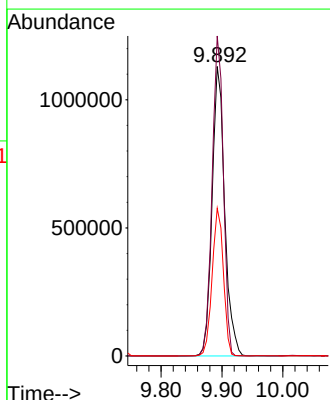
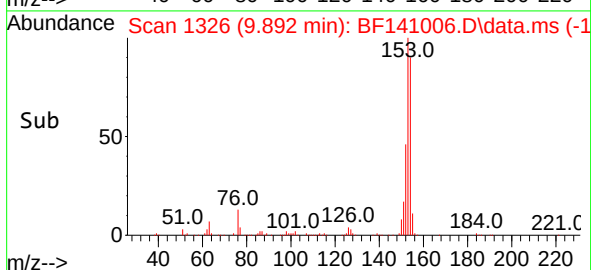
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

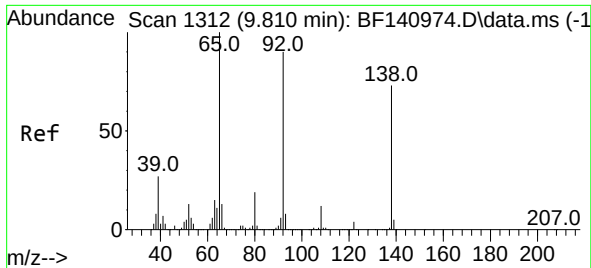


#52
Acenaphthene
Concen: 54.801 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:154 Resp: 1623426
Ion Ratio Lower Upper
154 100
153 110.6 89.2 133.8
152 51.0 40.9 61.3





#53
3-Nitroaniline
Concen: 31.084 ng
RT: 9.804 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

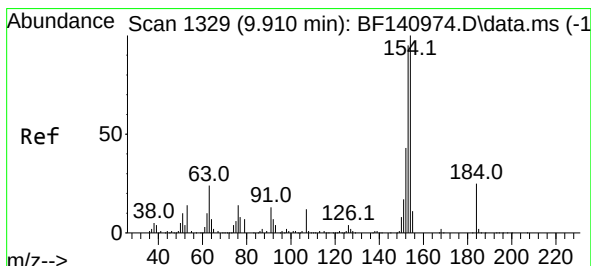
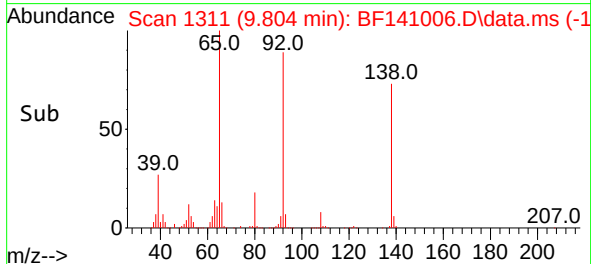
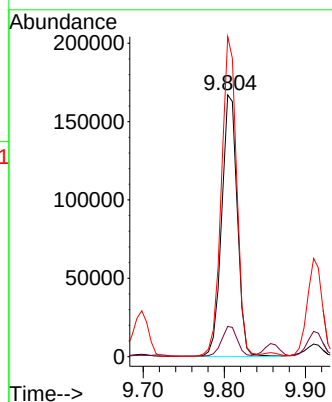
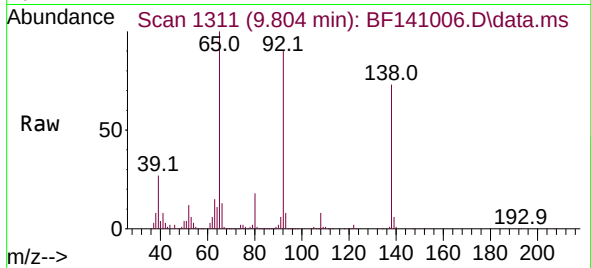
Tgt Ion:138 Resp: 223199
Ion Ratio Lower Upper
138 100
108 11.5 13.5 20.3#
92 122.2 97.7 146.5

Manual Integrations

APPROVED

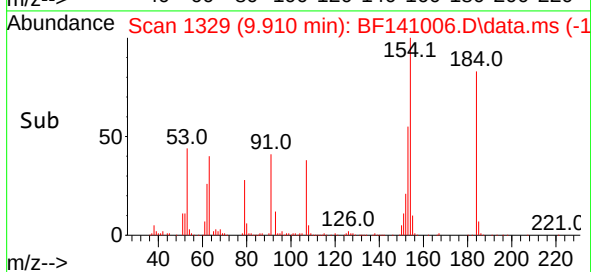
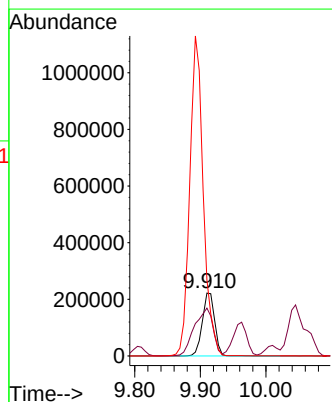
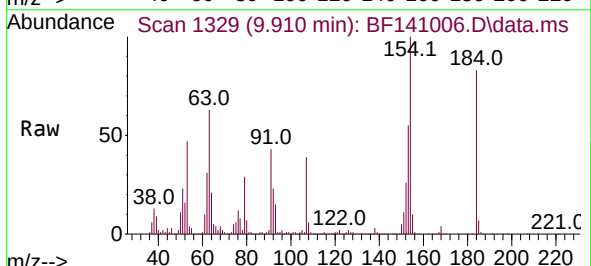
Reviewed By :Yogesh Patel 12/30/2024

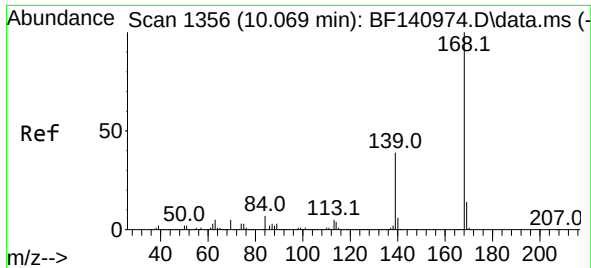
Supervised By :mohammad ahmed 12/30/2024



#54
2,4-Dinitrophenol
Concen: 96.987 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:184 Resp: 291687
Ion Ratio Lower Upper
184 100
63 76.0 81.6 122.4#
154 120.9 363.5 545.3#





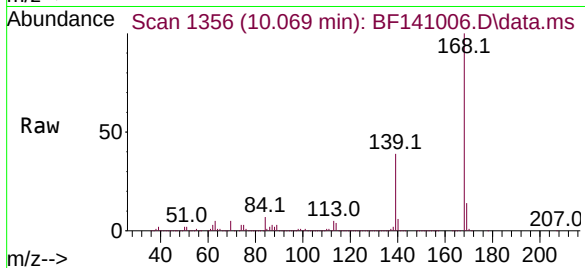
#55
Dibenzofuran
Concen: 49.853 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



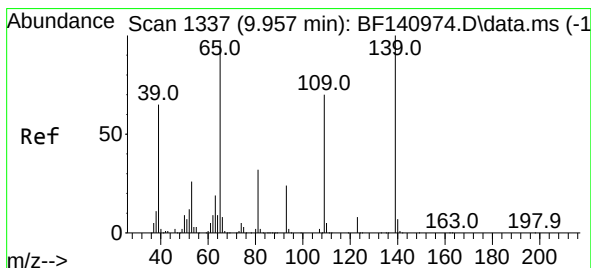
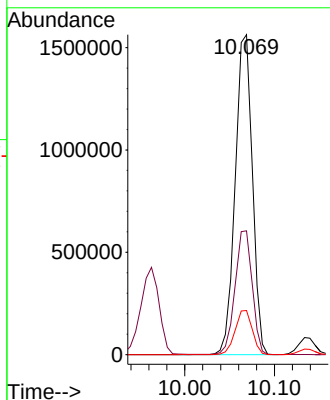
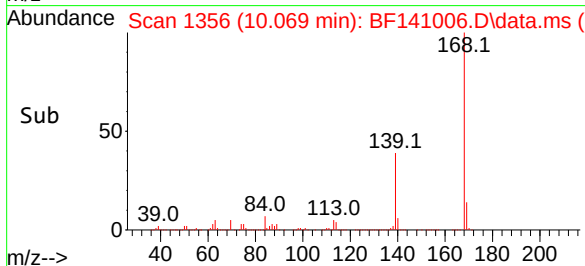
Tgt Ion:168 Resp: 2075470
Ion Ratio Lower Upper
168 100
139 38.7 31.6 47.4
169 13.8 11.0 16.6

Manual Integrations

APPROVED

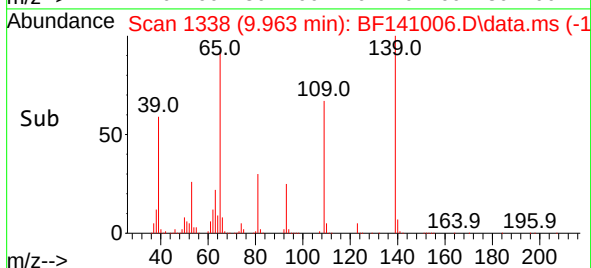
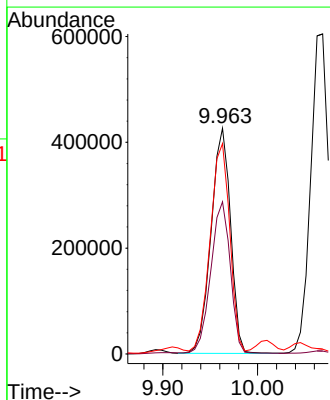
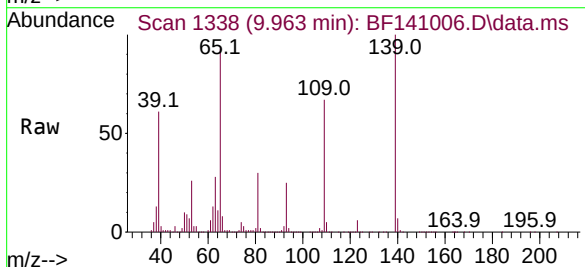
Reviewed By :Yogesh Patel 12/30/2024

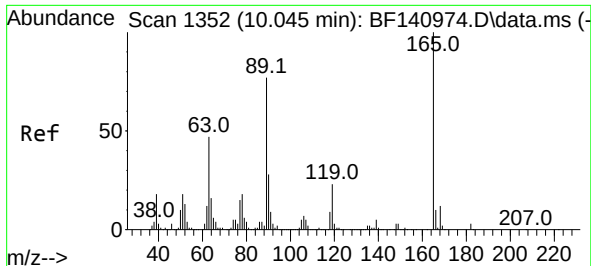
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 105.266 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:139 Resp: 607106
Ion Ratio Lower Upper
139 100
109 67.4 50.8 90.8
65 93.2 78.5 118.5





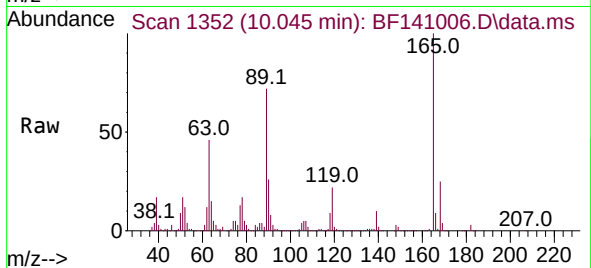
#57
2,4-Dinitrotoluene
Concen: 59.138 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



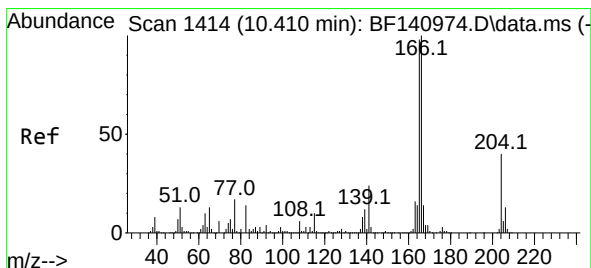
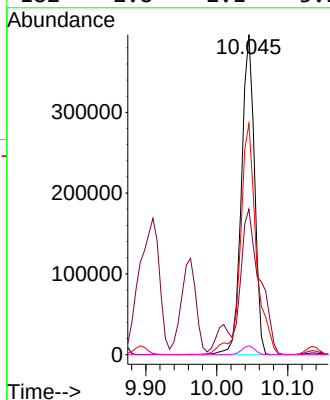
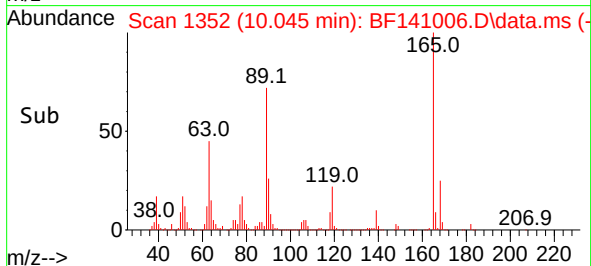
Tgt Ion:165 Resp: 50727
Ion Ratio Lower Upper
165 100
63 45.5 38.1 57.1
89 72.2 61.4 92.2
182 2.8 2.1 3.1

Manual Integrations

APPROVED

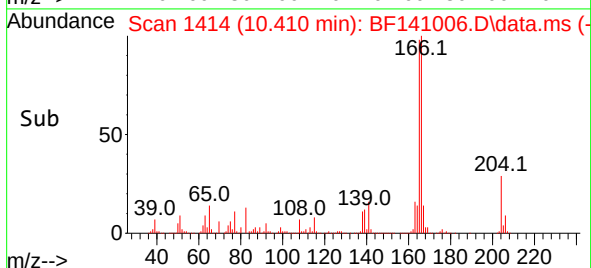
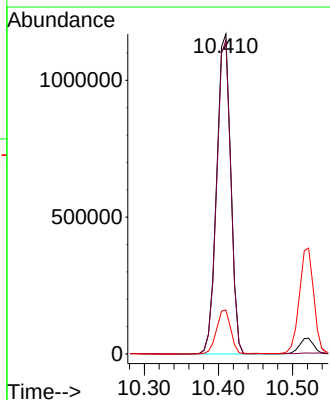
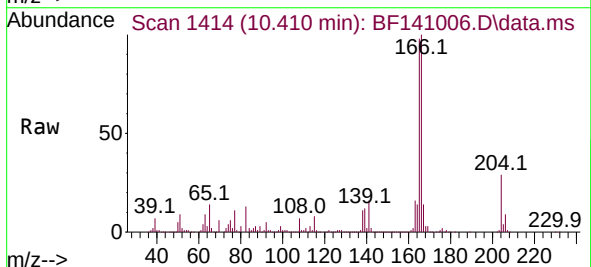
Reviewed By :Yogesh Patel 12/30/2024

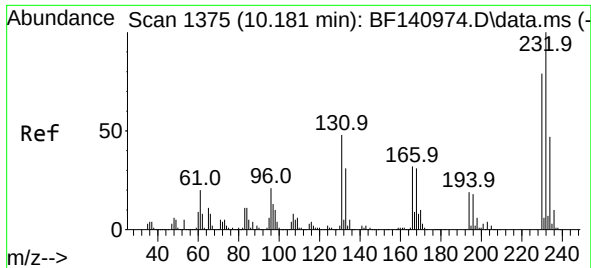
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 47.832 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:166 Resp: 1544187
Ion Ratio Lower Upper
166 100
165 98.1 78.3 117.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.630 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

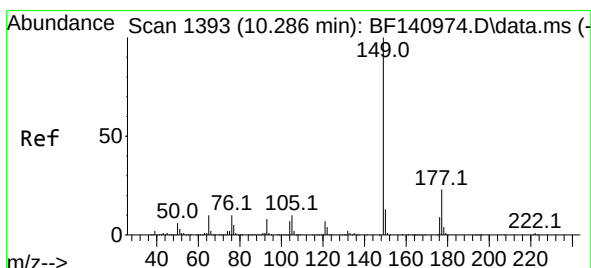
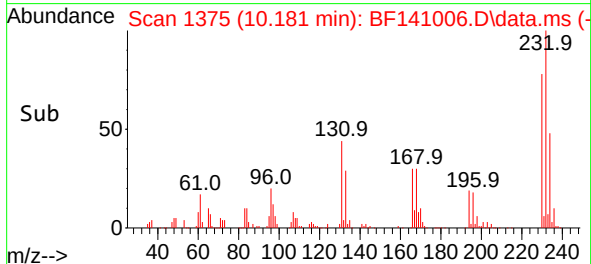
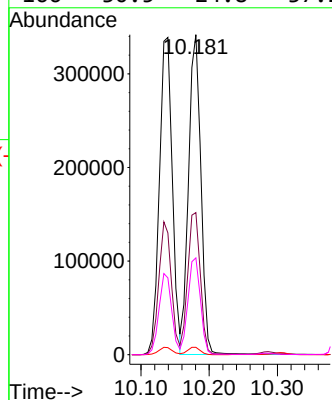
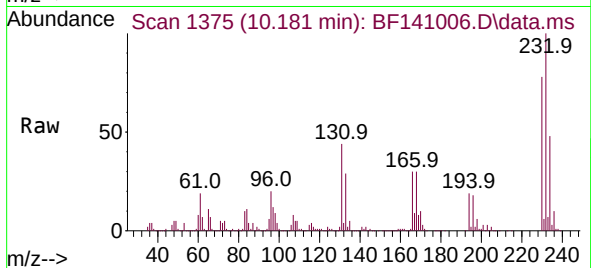
COMP-1MSD

Tgt Ion:232 Resp: 426532
Ion Ratio Lower Upper
232 100
131 45.6 37.4 56.2
130 2.4 1.8 2.8
166 30.5 24.8 37.2

Manual Integrations

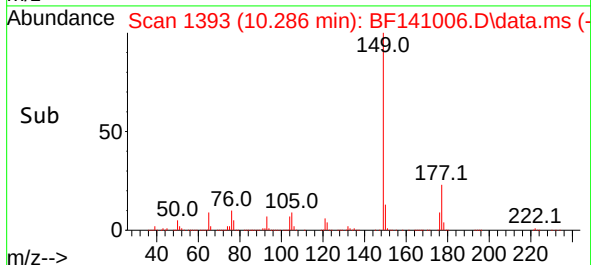
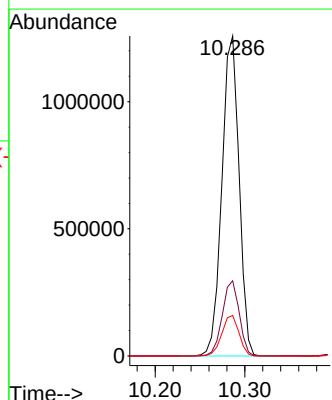
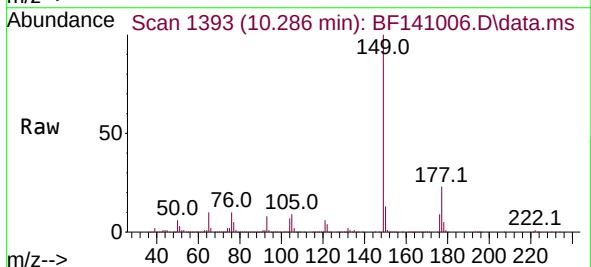
APPROVED

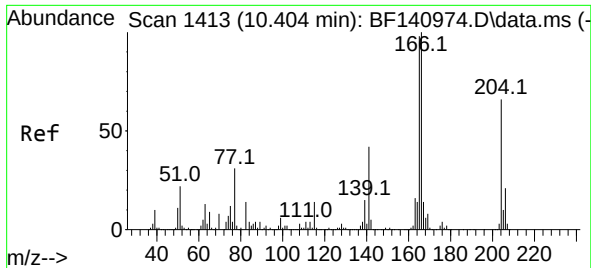
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#60
Diethylphthalate
Concen: 50.198 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:149 Resp: 1670865
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.6 10.4 15.6





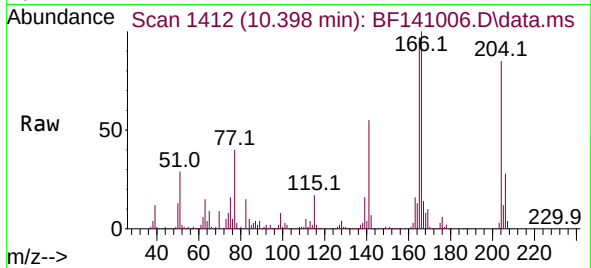
#61
4-Chlorophenyl-phenylether
Concen: 48.363 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

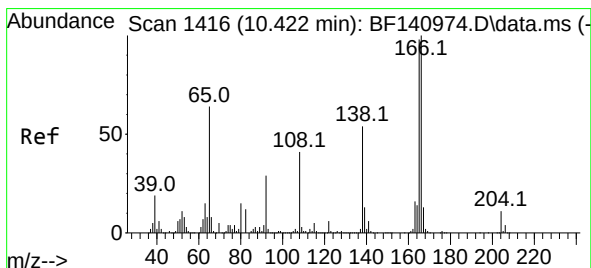
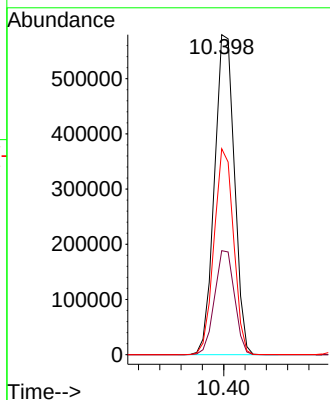
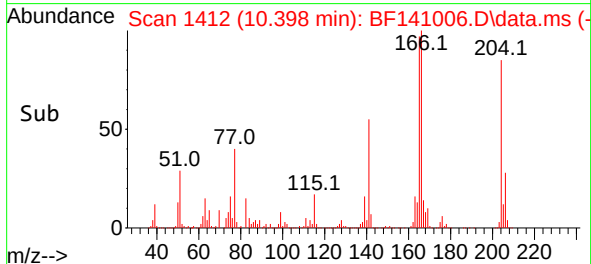


Tgt Ion:204 Resp: 751275
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 64.3 51.2 76.8

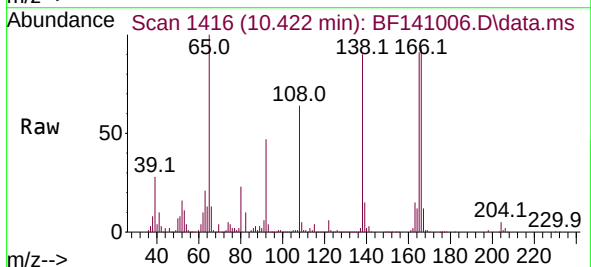
Manual Integrations

APPROVED

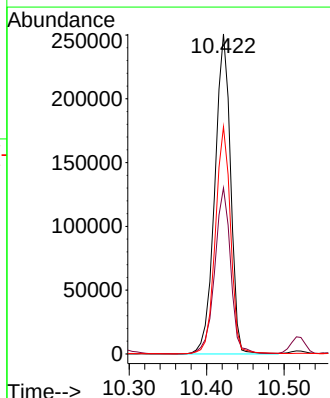
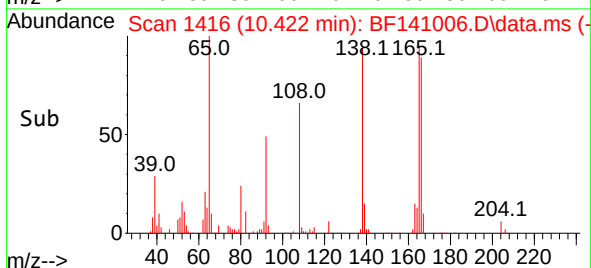
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

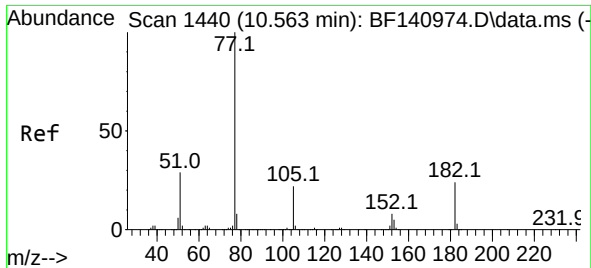


#62
4-Nitroaniline
Concen: 47.464 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:138 Resp: 354264
Ion Ratio Lower Upper
138 100
92 51.9 34.8 74.8
108 71.0 55.9 95.9





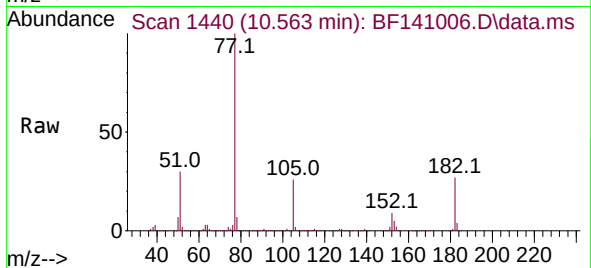
#63
Azobenzene
Concen: 53.250 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



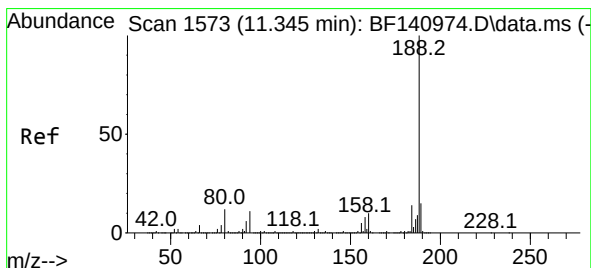
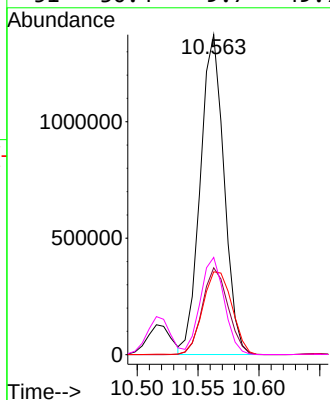
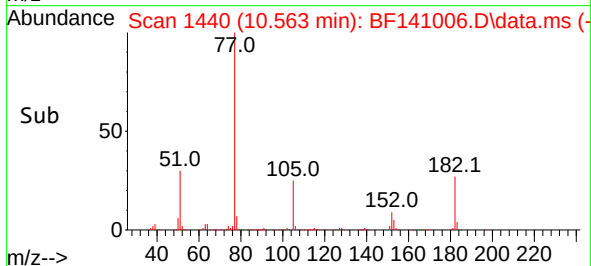
Tgt Ion: 77 Resp: 186040
Ion Ratio Lower Upper
77 100
182 27.1 4.1 44.1
105 25.9 1.8 41.8
51 30.4 9.7 49.7

Manual Integrations

APPROVED

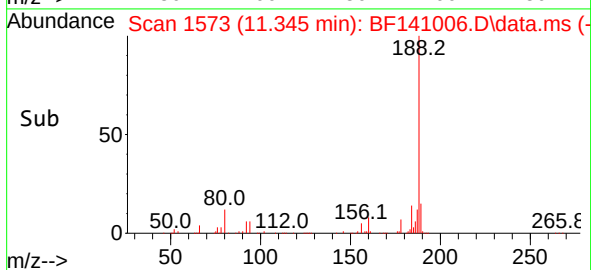
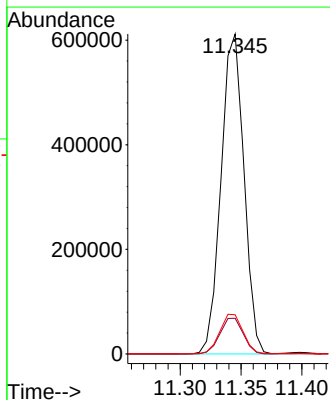
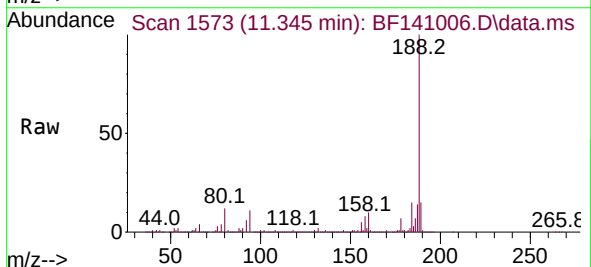
Reviewed By :Yogesh Patel 12/30/2024

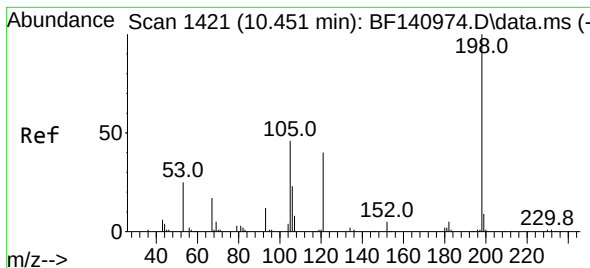
Supervised By :mohammad ahmed 12/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

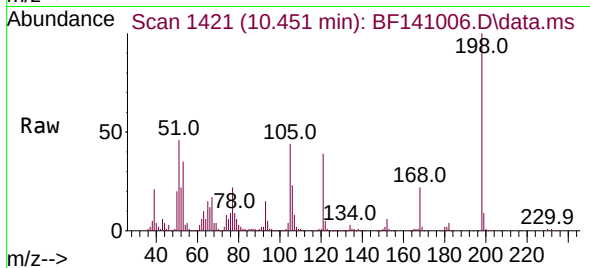
Tgt Ion:188 Resp: 801566
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 12.3 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 63.288 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

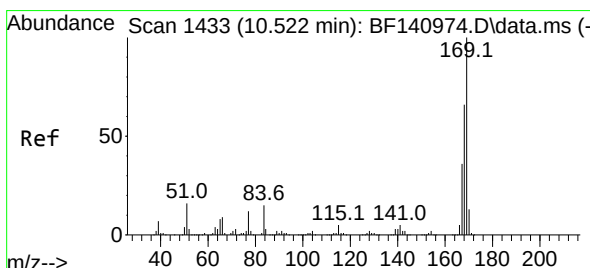
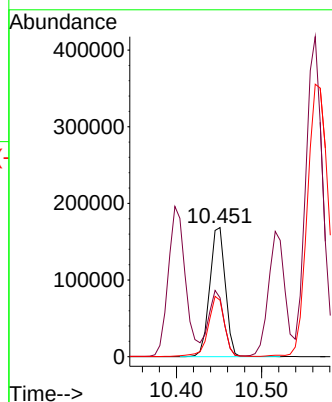
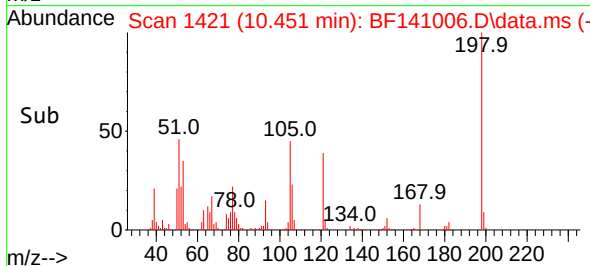
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



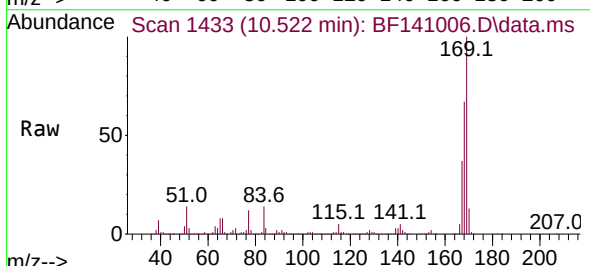
Tgt Ion:198 Resp: 214074
Ion Ratio Lower Upper
198 100
51 45.6 32.3 72.3
105 43.8 28.4 68.4

Manual Integrations
APPROVED

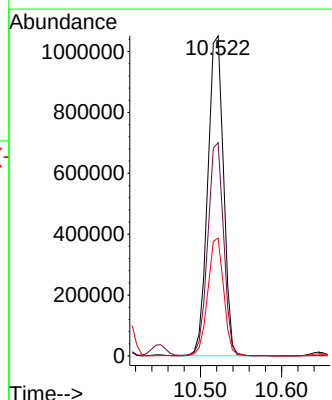
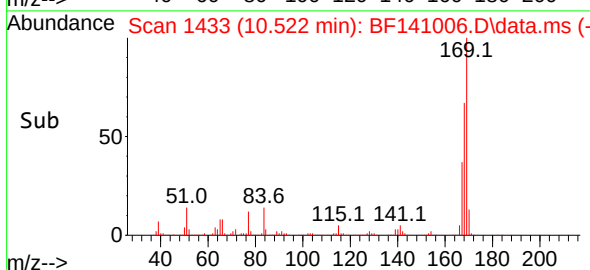
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

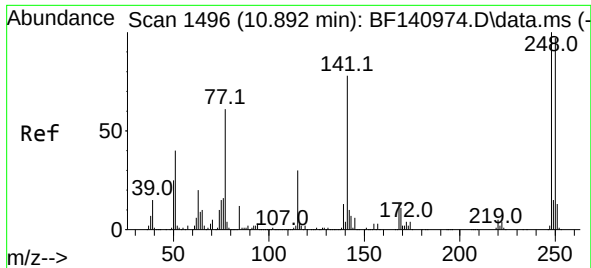


#66
n-Nitrosodiphenylamine
Concen: 55.965 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:169 Resp: 1412624
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.8 29.0 43.4





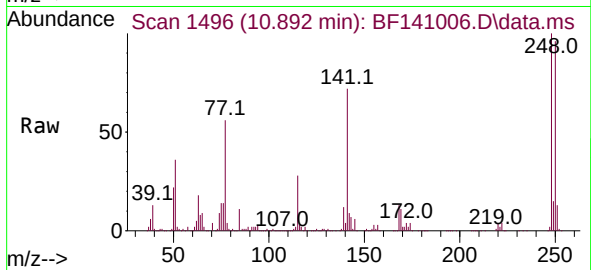
#67
4-Bromophenyl-phenylether
Concen: 56.791 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

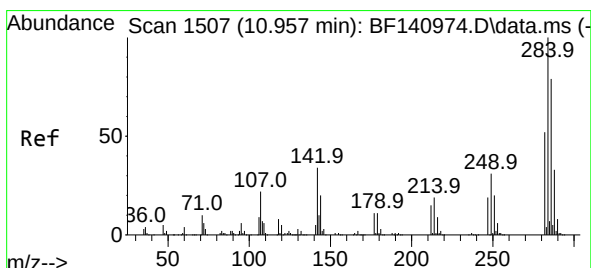
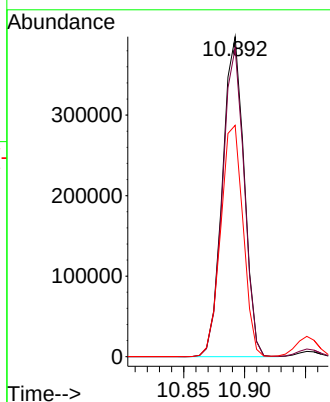
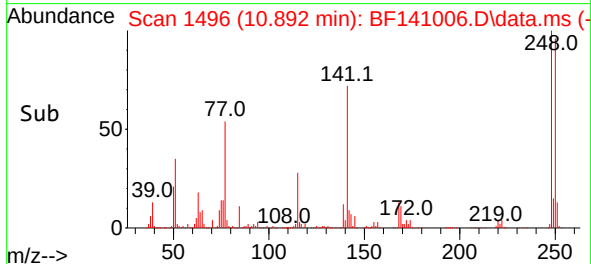


Tgt Ion:248 Resp: 49210
Ion Ratio Lower Upper
248 100
250 96.5 77.7 116.5
141 72.3 62.1 93.1

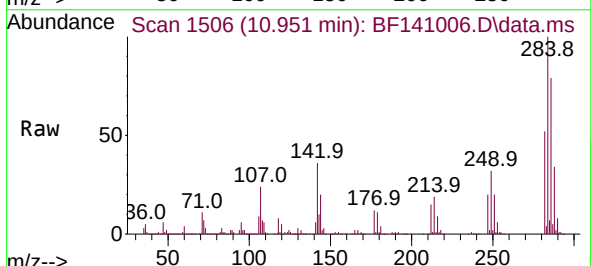
Manual Integrations

APPROVED

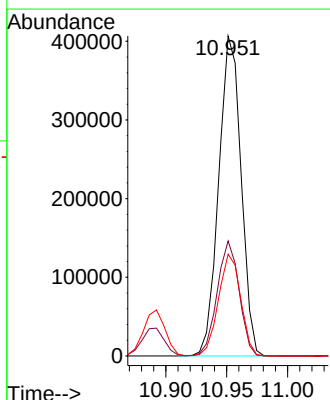
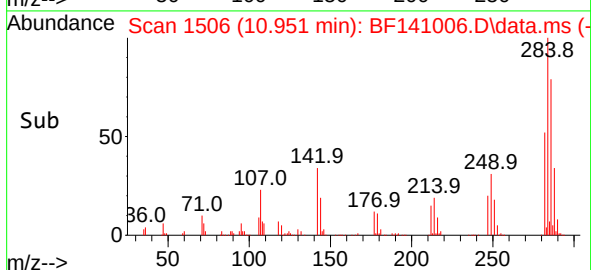
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

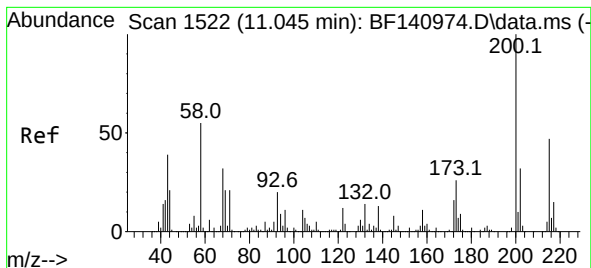


#68
Hexachlorobenzene
Concen: 54.362 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:284 Resp: 519404
Ion Ratio Lower Upper
284 100
142 36.0 27.1 40.7
249 31.8 25.1 37.7





#69

Atrazine

Concen: 65.497 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:200 Resp: 46185

Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

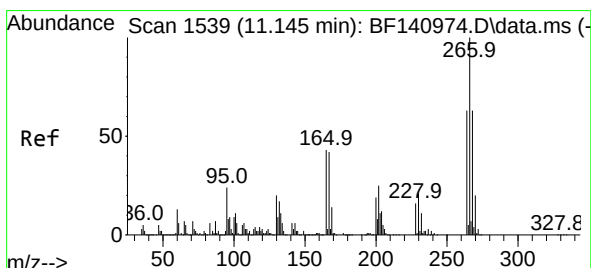
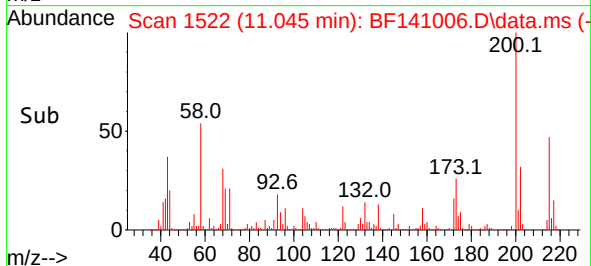
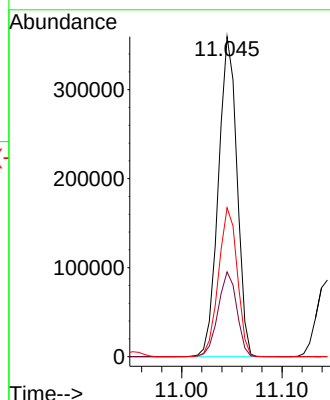
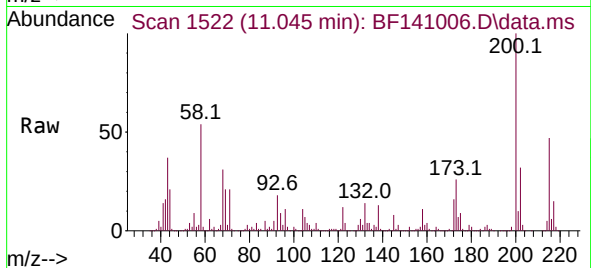
215 46.5 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 99.680 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

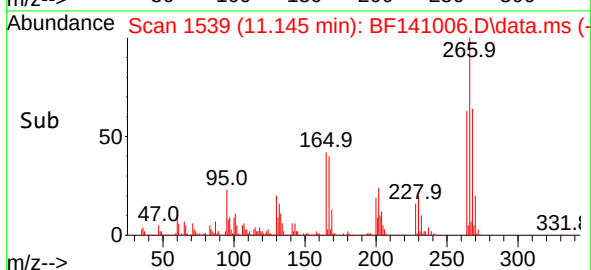
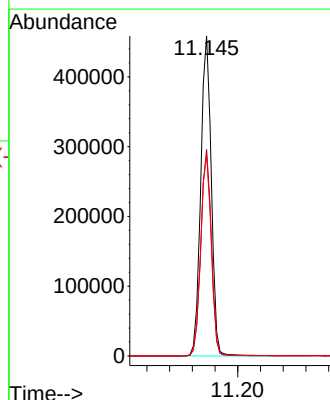
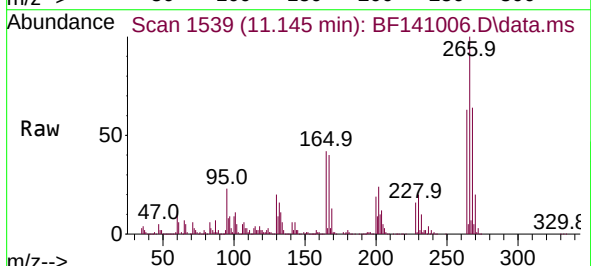
Tgt Ion:266 Resp: 592972

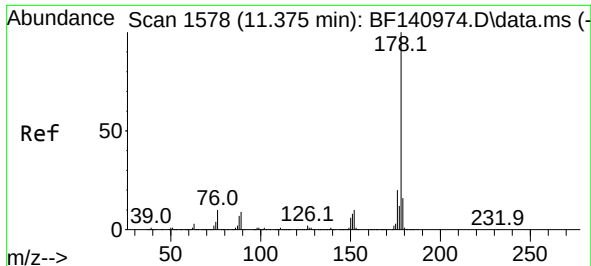
Ion Ratio Lower Upper

266 100

268 64.5 50.5 75.7

264 62.9 50.2 75.4





#71
Phenanthrene
Concen: 57.428 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

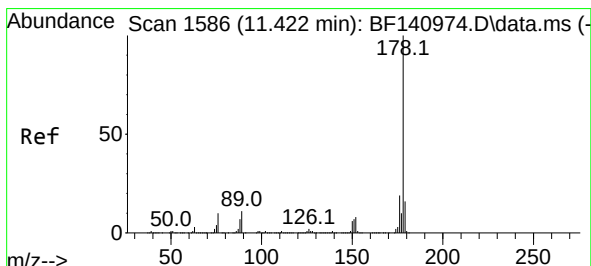
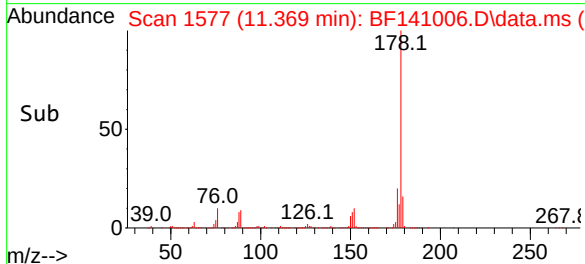
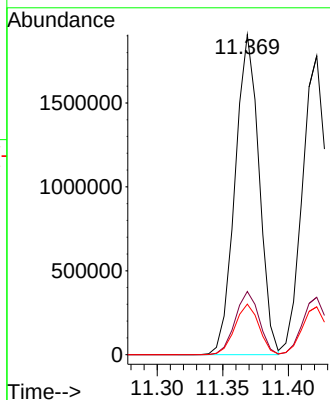
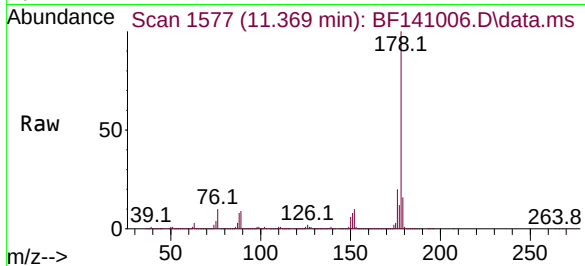
COMP-1MSD

Tgt Ion:178 Resp: 2422705
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 12.6 19.0

Manual Integrations

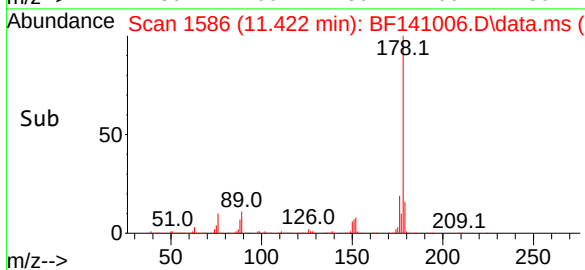
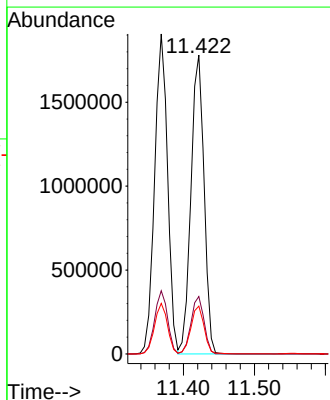
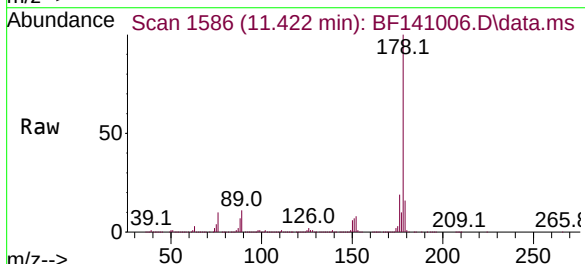
APPROVED

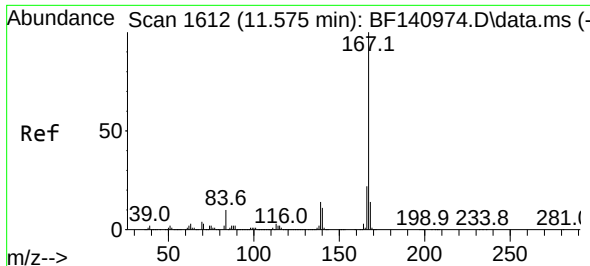
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 55.328 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:178 Resp: 2287159
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.0 12.9 19.3





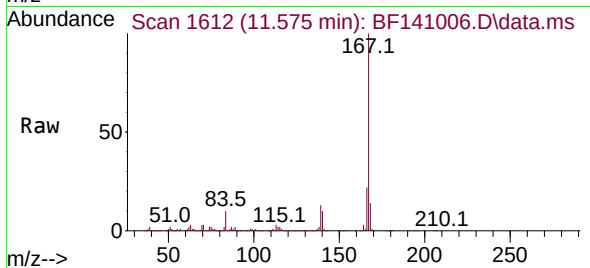
#73
 Carbazole
 Concen: 47.067 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141006.D
 Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

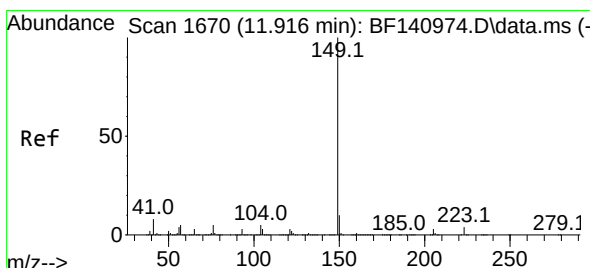
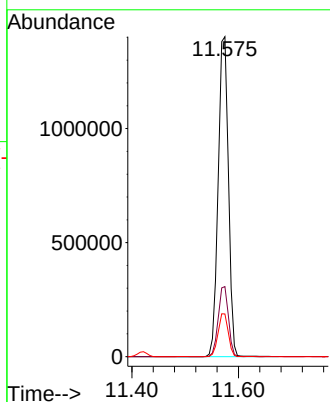
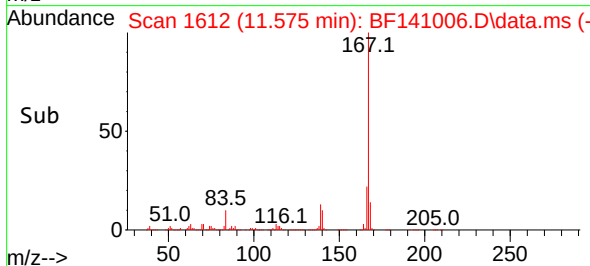


Tgt Ion:167 Resp: 1870419
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.3 11.0 16.4

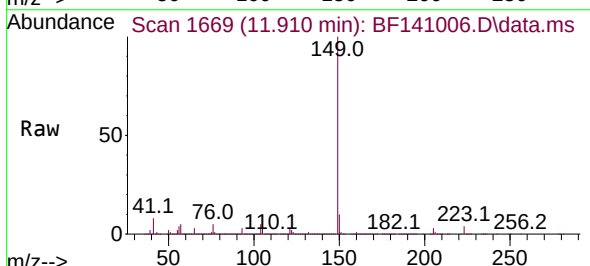
Manual Integrations

APPROVED

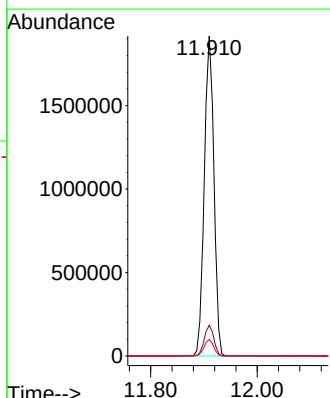
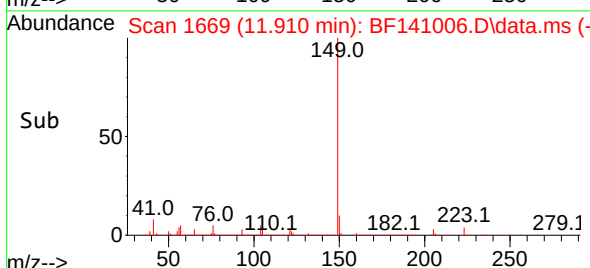
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

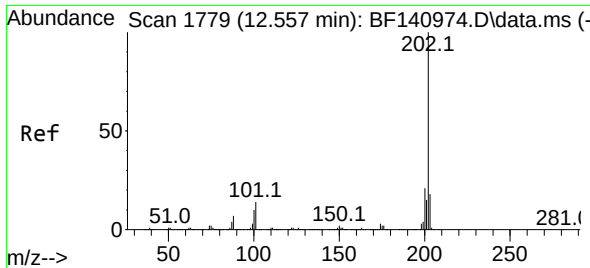


#74
 Di-n-butylphthalate
 Concen: 52.937 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141006.D
 Acq: 27 Dec 2024 19:32



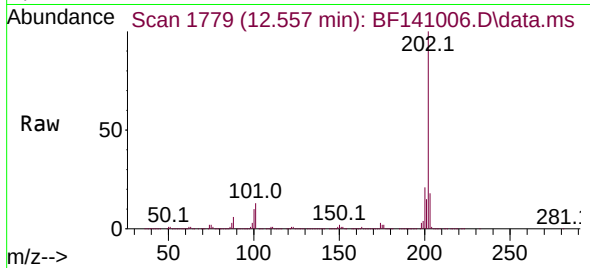
Tgt Ion:149 Resp: 2392727
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.181 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

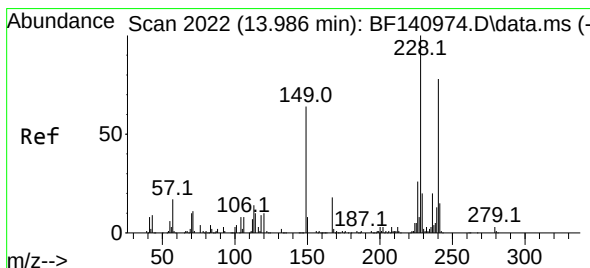
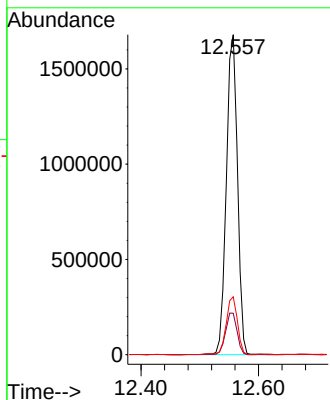
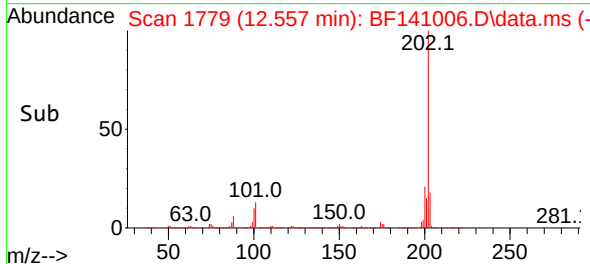
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:202 Resp: 2204500
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.7
203 18.1 0.0 38.1

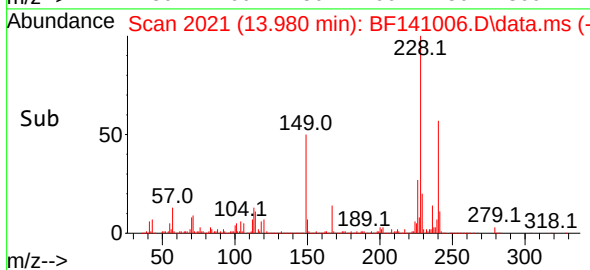
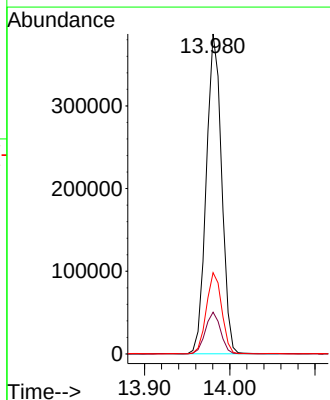
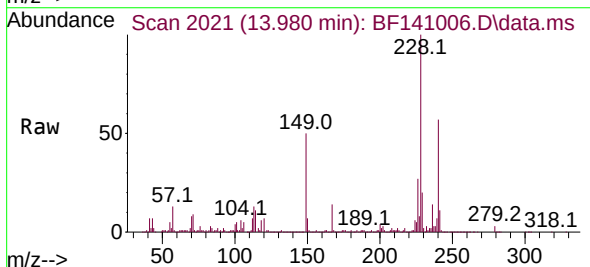
Manual Integrations
APPROVED

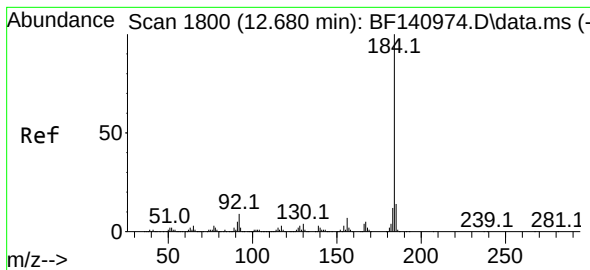
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:240 Resp: 483090
Ion Ratio Lower Upper
240 100
120 13.0 10.7 16.1
236 25.4 20.6 31.0





#77

Benzidine

Concen: 50.632 ng

RT: 12.675 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:184 Resp: 516930

Ion Ratio Lower Upper

184 100

185 15.1 11.4 17.2

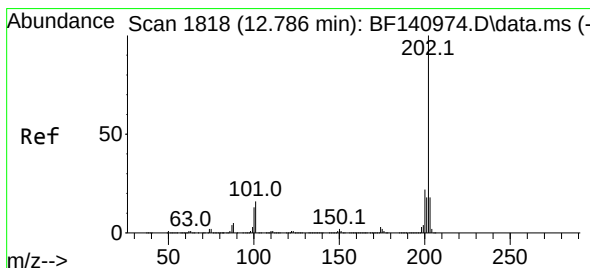
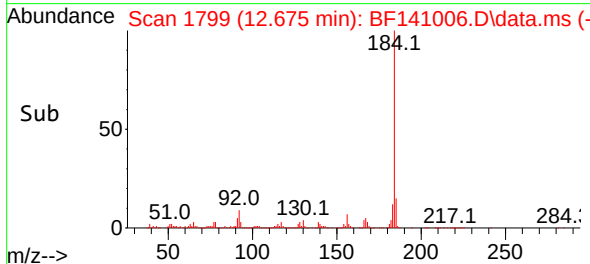
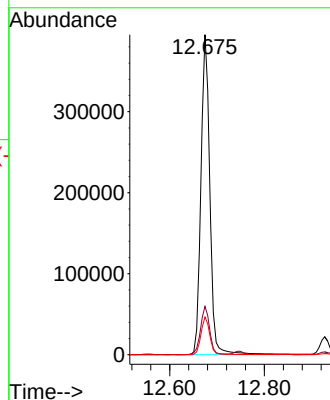
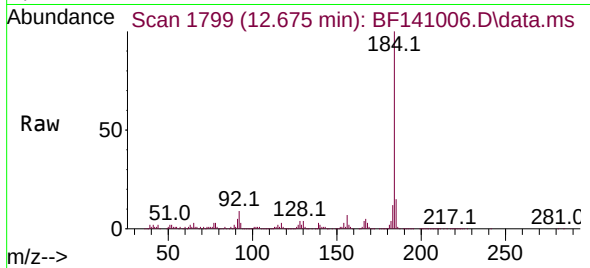
183 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#78

Pyrene

Concen: 51.567 ng

RT: 12.780 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

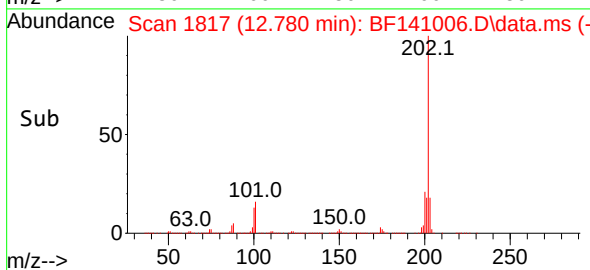
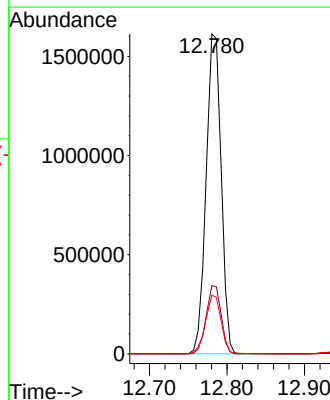
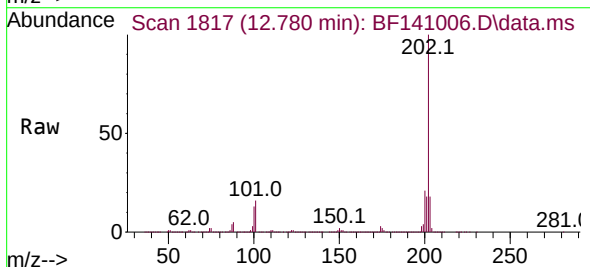
Tgt Ion:202 Resp: 2178722

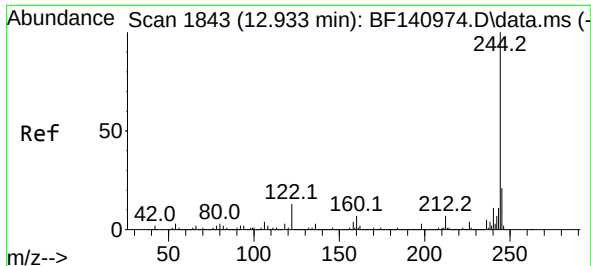
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 18.3 14.6 21.8





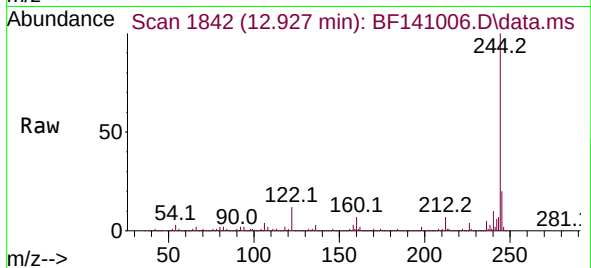
#79
 Terphenyl-d14
 Concen: 70.218 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF141006.D
 Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

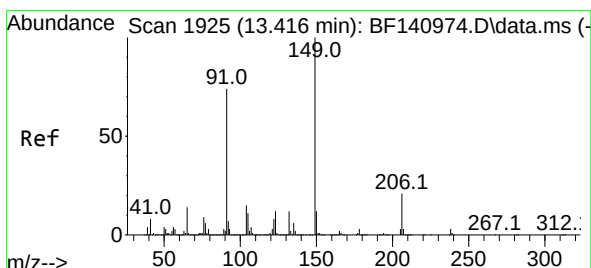
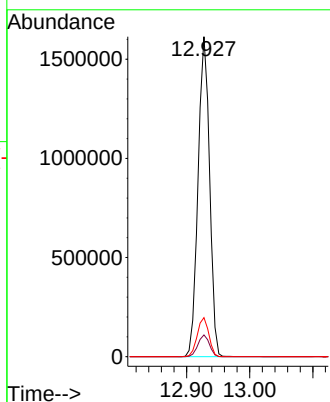
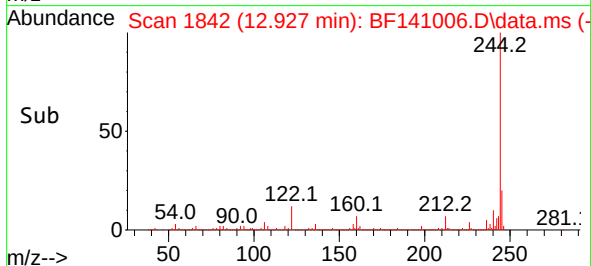


Tgt Ion:244 Resp: 2042250
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 12.2 10.2 15.2

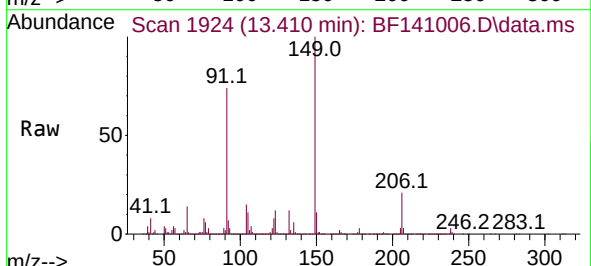
Manual Integrations

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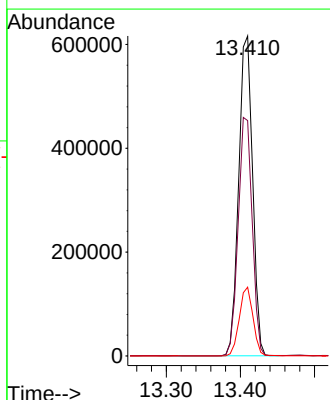
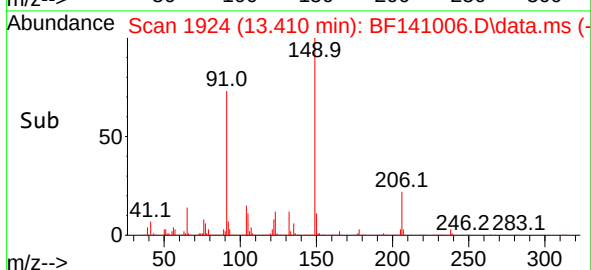
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

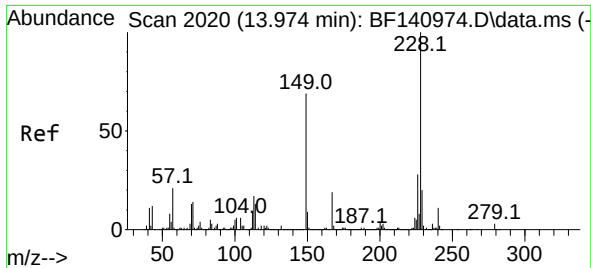


#80
 Butylbenzylphthalate
 Concen: 52.046 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141006.D
 Acq: 27 Dec 2024 19:32



Tgt Ion:149 Resp: 802945
 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: 51.020 ng
RT: 13.969 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

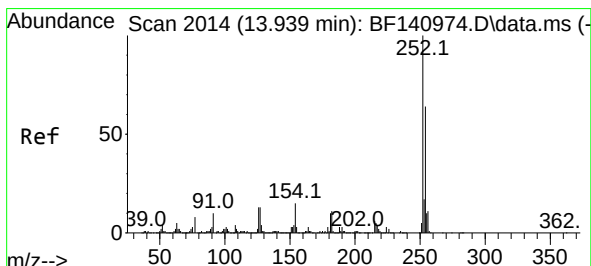
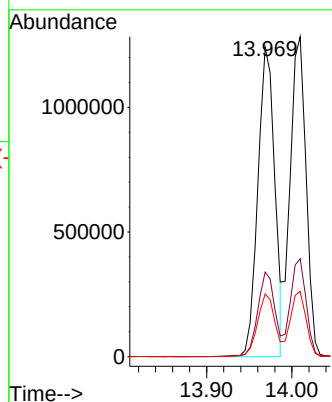
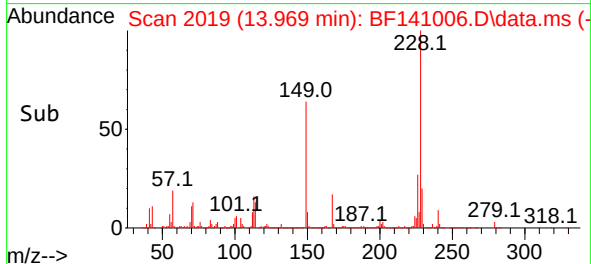
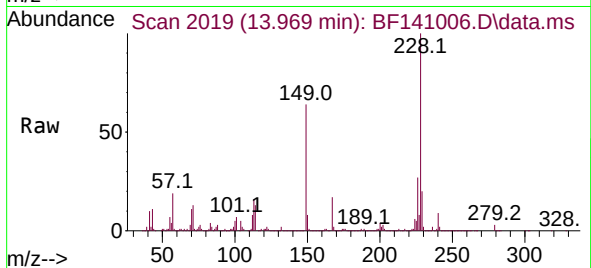
ClientSampleId :

COMP-1MSD

Tgt Ion:228 Resp: 171775
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.3 16.2 24.2

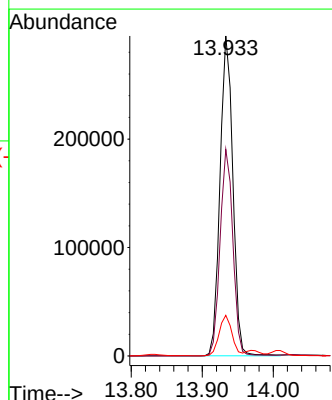
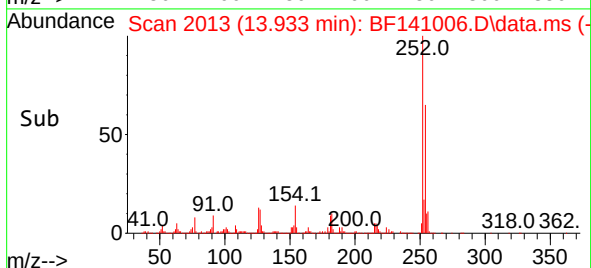
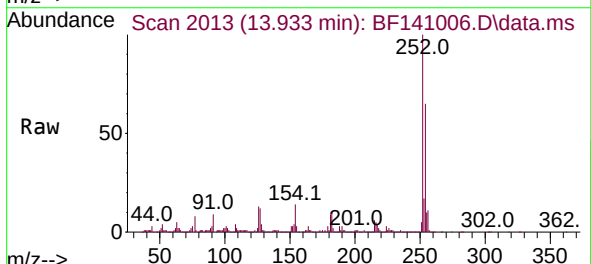
Manual Integrations
APPROVED

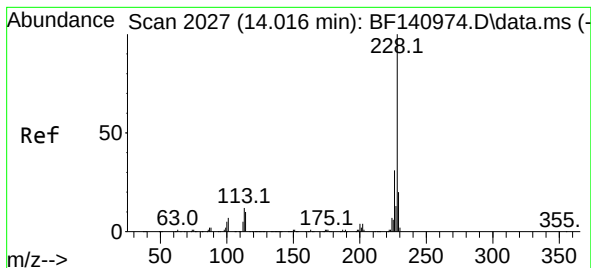
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 36.372 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:252 Resp: 367920
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 12.7 10.3 15.5





#83

Chrysene

Concen: 54.701 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:228 Resp: 166022

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

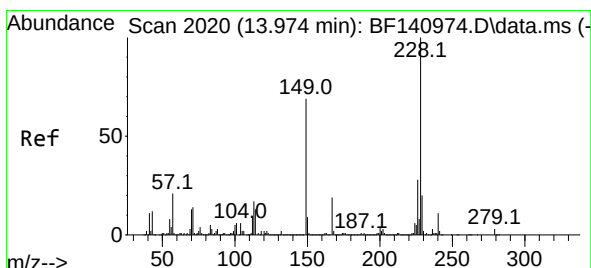
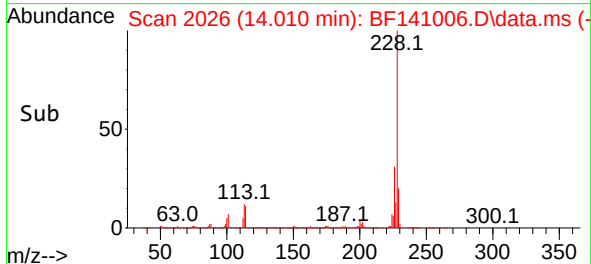
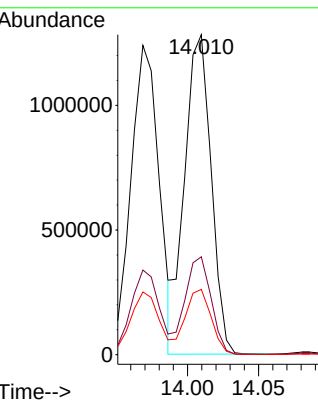
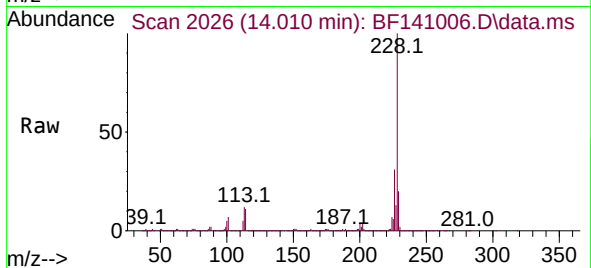
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.581 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

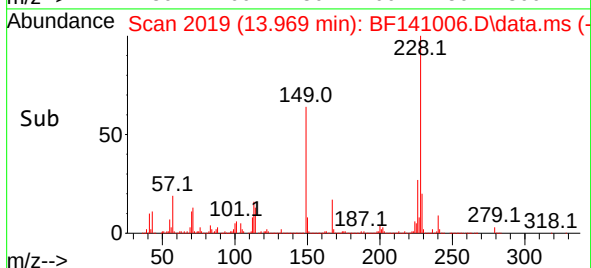
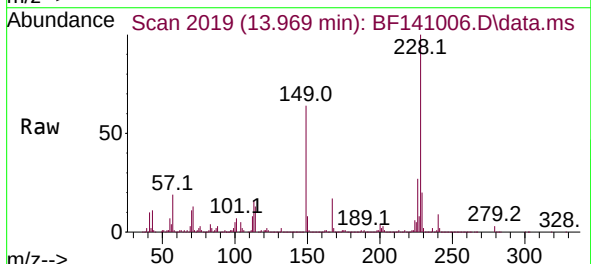
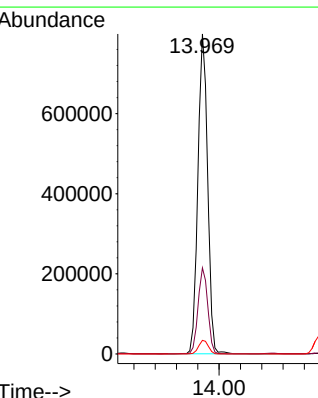
Tgt Ion:149 Resp: 1012227

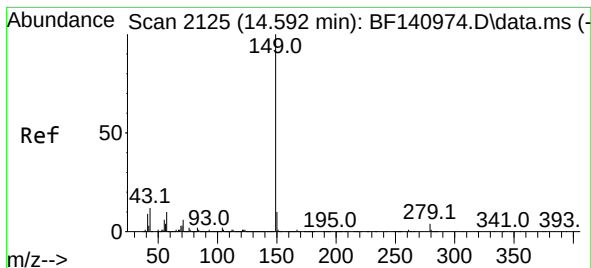
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.899 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:149 Resp: 176390

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

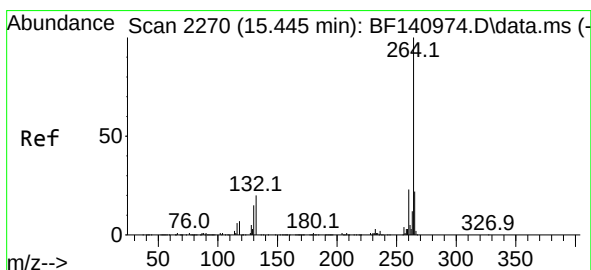
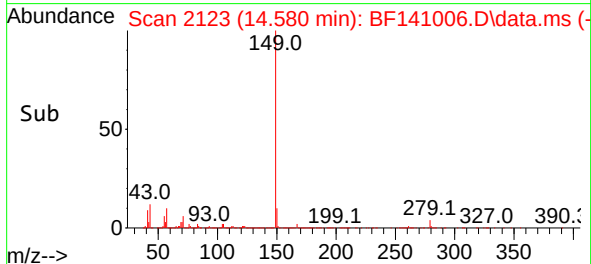
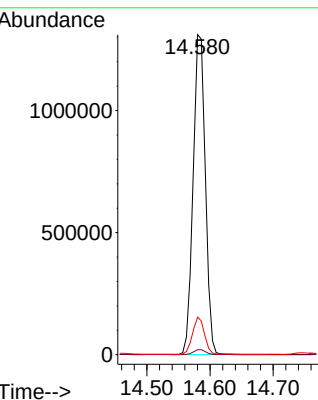
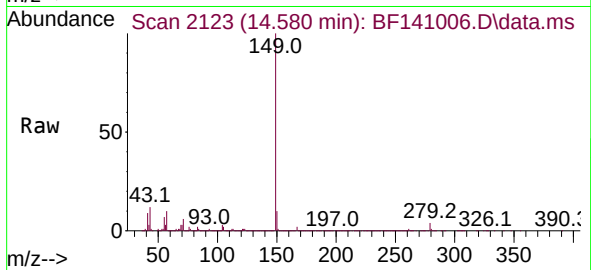
43 11.2 9.3 13.9

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: 15.433 min Scan# 2268

Delta R.T. -0.012 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

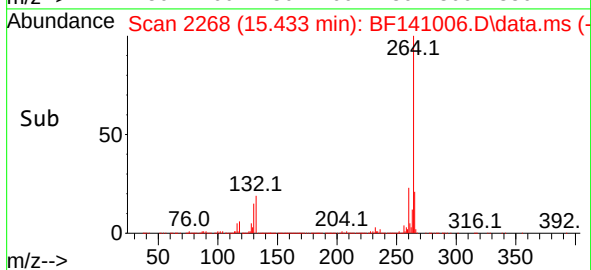
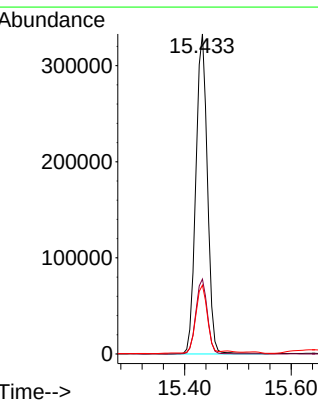
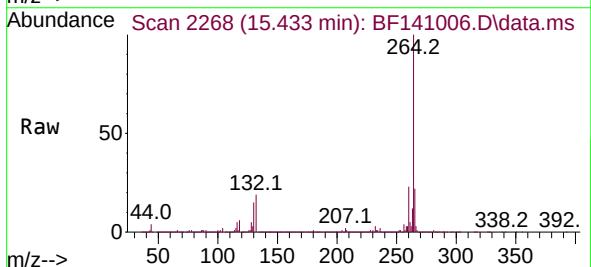
Tgt Ion:264 Resp: 500993

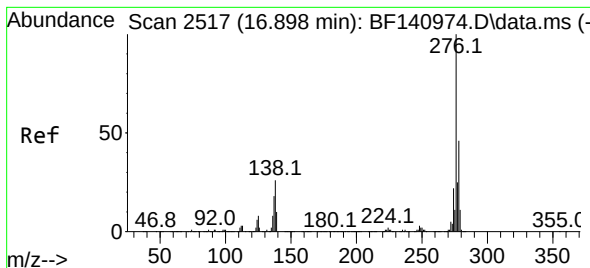
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.227 ng

RT: 16.880 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:276 Resp: 142754

Ion Ratio Lower Upper

276 100

138 28.0 23.1 34.7

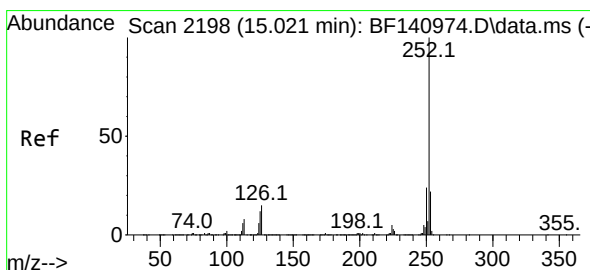
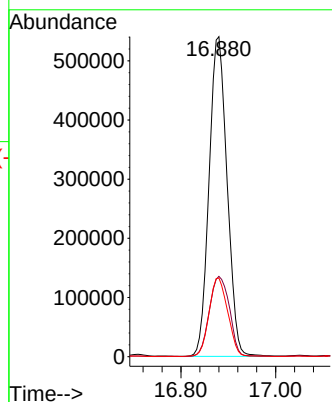
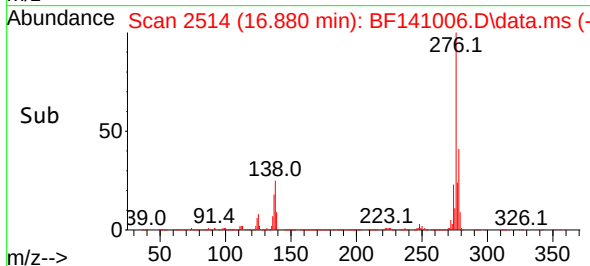
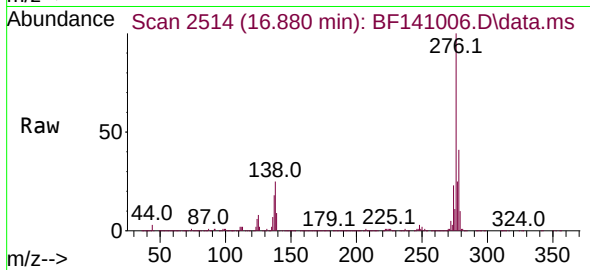
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#88

Benzo(b)fluoranthene

Concen: 52.574 ng

RT: 15.010 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

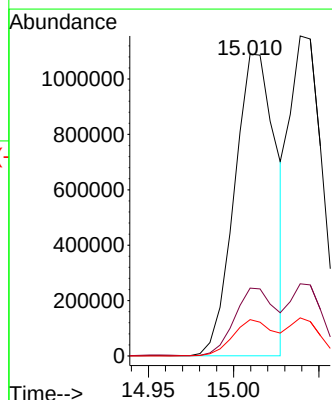
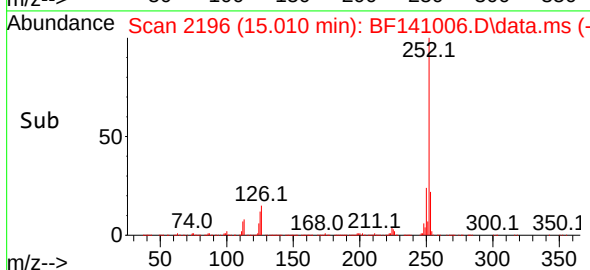
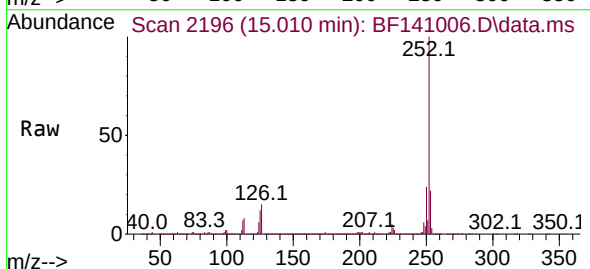
Tgt Ion:252 Resp: 1836997

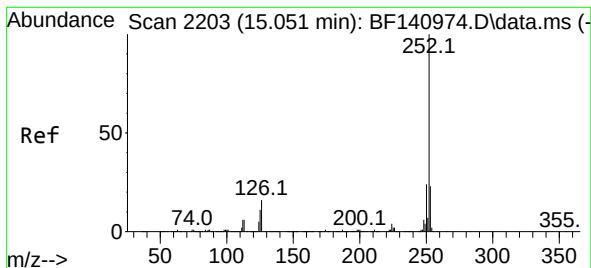
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 12.0 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 55.697 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:252 Resp: 152529

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

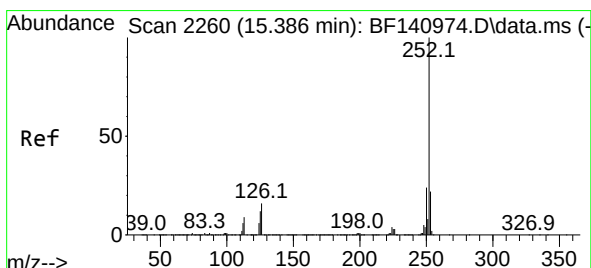
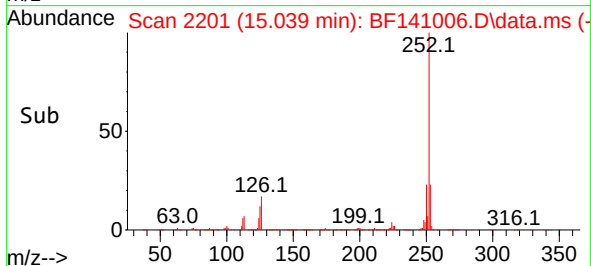
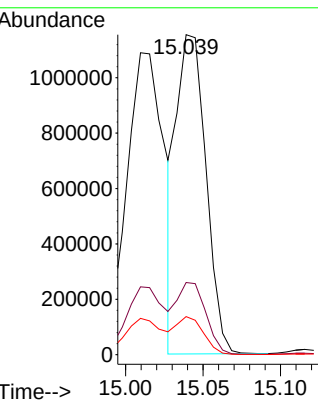
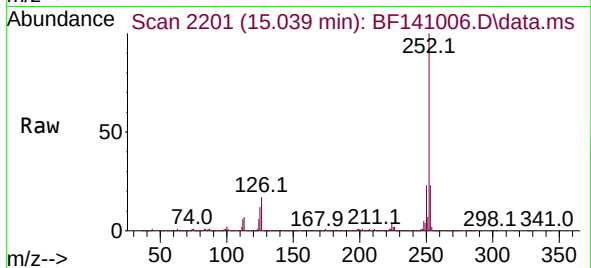
125 11.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#90

Benzo(a)pyrene

Concen: 57.775 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

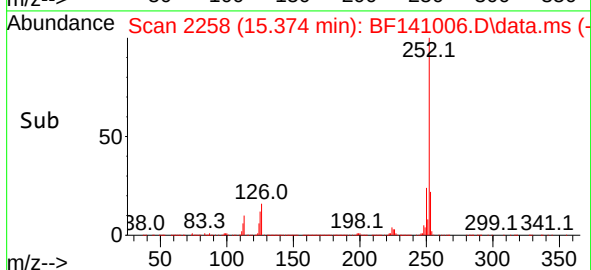
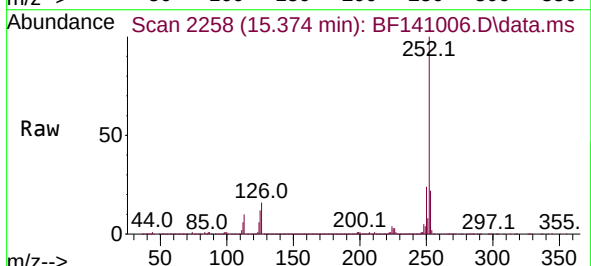
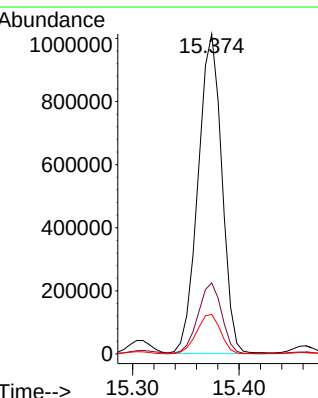
Tgt Ion:252 Resp: 1566908

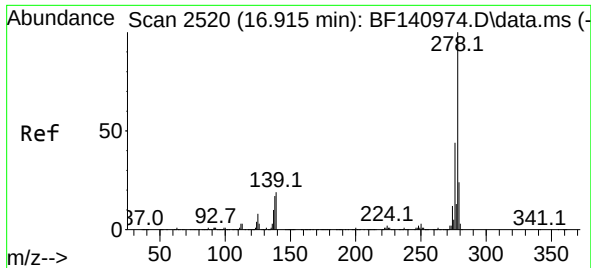
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 12.4 9.8 14.8





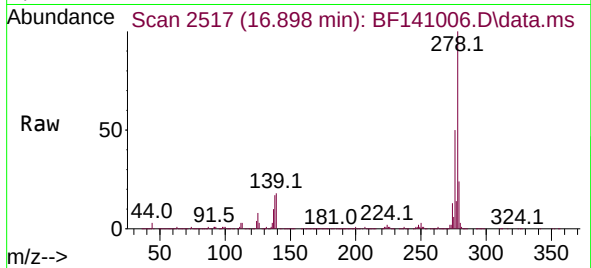
#91
Dibenzo(a,h)anthracene
Concen: 45.075 ng
RT: 16.898 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

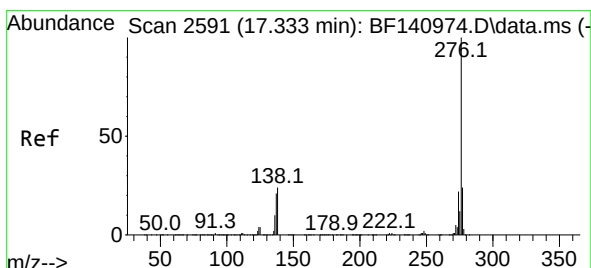
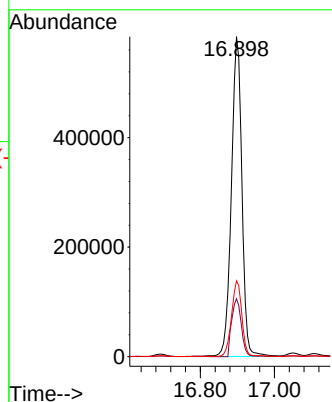
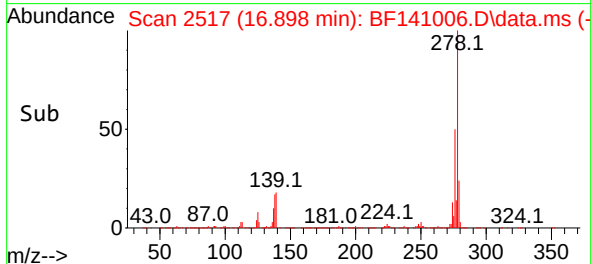


Tgt Ion:278 Resp: 115328
Ion Ratio Lower Upper
278 100
139 18.1 14.9 22.3
279 23.7 19.0 28.6

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 38.932 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:276 Resp: 1033155
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 23.5 19.4 29.2

