

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140975.D
 Acq On : 26 Dec 2024 18:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:23:19 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 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	275845	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1074985	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	568540	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	984477	20.000	ng	0.00
76) Chrysene-d12	13.986	240	594739	20.000	ng	0.00
86) Perylene-d12	15.445	264	515270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1735294	94.827	ng	0.00
7) Phenol-d6	6.451	99	2240716	95.051	ng	0.00
23) Nitrobenzene-d5	7.398	82	1814319	107.979	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	561625	101.660	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3208983	89.926	ng	0.00
79) Terphenyl-d14	12.939	244	3551774	99.194	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	404513	48.826	ng	100
3) Pyridine	3.304	79	961017	47.465	ng	100
4) n-Nitrosodimethylamine	3.257	42	511762	49.886	ng	98
6) Aniline	6.528	93	1020551m	48.540	ng	
8) 2-Chlorophenol	6.616	128	922056	47.791	ng	98
9) Benzaldehyde	6.381	77	546478	49.354	ng	98
10) Phenol	6.469	94	1160486	47.608	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	976603	49.665	ng	97
12) 1,3-Dichlorobenzene	6.769	146	1008461	47.362	ng	99
13) 1,4-Dichlorobenzene	6.845	146	1018871	47.467	ng	99
14) 1,2-Dichlorobenzene	7.004	146	942310	47.085	ng	99
15) Benzyl Alcohol	6.969	79	826544	48.792	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1412151	47.443	ng	100
17) 2-Methylphenol	7.075	107	775619	48.390	ng	99
18) Hexachloroethane	7.345	117	371106	48.670	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	681599	47.195	ng	98
20) 3+4-Methylphenols	7.233	107	956631	47.163	ng	91
22) Acetophenone	7.239	105	1233868	46.789	ng	# 95
24) Nitrobenzene	7.416	77	997447	53.126	ng	98
25) Isophorone	7.651	82	1758021	48.082	ng	99
26) 2-Nitrophenol	7.728	139	381135	49.366	ng	99
27) 2,4-Dimethylphenol	7.763	122	648052	48.497	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1107863	47.823	ng	100
29) 2,4-Dichlorophenol	7.963	162	755436	49.847	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	815821	47.560	ng	99
31) Naphthalene	8.133	128	2656943	46.905	ng	100
32) Benzoic acid	7.880	122	533388	48.423	ng	98
33) 4-Chloroaniline	8.186	127	988410	48.233	ng	100
34) Hexachlorobutadiene	8.251	225	485520	48.012	ng	99
35) Caprolactam	8.551	113	251835m	48.876	ng	
36) 4-Chloro-3-methylphenol	8.651	107	817788	48.589	ng	99
37) 2-Methylnaphthalene	8.822	142	1691438	46.676	ng	100
38) 1-Methylnaphthalene	8.922	142	1659875	46.607	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	748540	47.857	ng	100
41) Hexachlorocyclopentadiene	8.975	237	268748	51.849	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	505859	48.593	ng	100

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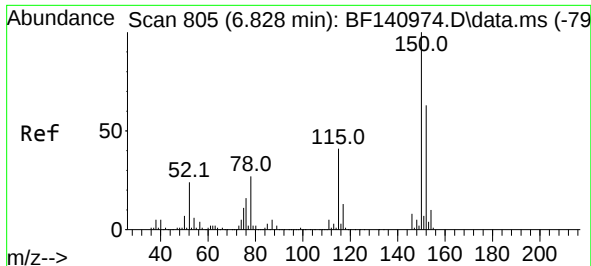
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	548701	51.514	ng	98
46) 1,1'-Biphenyl	9.286	154	2019837	46.398	ng	99
47) 2-Chloronaphthalene	9.310	162	1584423	46.928	ng	99
48) 2-Nitroaniline	9.404	65	434235	49.051	ng	95
49) Acenaphthylene	9.727	152	2300924	47.341	ng	99
50) Dimethylphthalate	9.592	163	1771217	47.363	ng	100
51) 2,6-Dinitrotoluene	9.645	165	382604	50.003	ng	96
52) Acenaphthene	9.898	154	1557911	47.414	ng	100
53) 3-Nitroaniline	9.816	138	410444	49.386	ng	96
54) 2,4-Dinitrophenol	9.916	184	121967	49.996	ng	# 6
55) Dibenzofuran	10.069	168	2165075	46.887	ng	99
56) 4-Nitrophenol	9.963	139	337300	52.728	ng	97
57) 2,4-Dinitrotoluene	10.051	165	463773	49.535	ng	100
58) Fluorene	10.410	166	1628964	45.492	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	436271	49.455	ng	100
60) Diethylphthalate	10.286	149	1748454	47.359	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	796072	46.203	ng	99
62) 4-Nitroaniline	10.427	138	412091	49.614	ng	99
63) Azobenzene	10.569	77	1840946	47.507	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	193168	48.976	ng	97
66) n-Nitrosodiphenylamine	10.522	169	1463039	47.193	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	521276	48.981	ng	97
68) Hexachlorobenzene	10.957	284	567592	48.368	ng	98
69) Atrazine	11.051	200	362786	41.889	ng	98
70) Pentachlorophenol	11.145	266	383398	52.476	ng	99
71) Phenanthrene	11.374	178	2417558	46.658	ng	99
72) Anthracene	11.427	178	2370103	46.682	ng	100
73) Carbazole	11.574	167	2272076	46.552	ng	100
74) Di-n-butylphthalate	11.916	149	2595020	46.746	ng	100
75) Fluoranthene	12.557	202	2583438	45.972	ng	99
77) Benzidine	12.680	184	651097	51.801	ng	100
78) Pyrene	12.786	202	2651339	50.973	ng	100
80) Butylbenzylphthalate	13.415	149	1016502	53.519	ng	99
81) Benzo(a)anthracene	13.974	228	1991732	48.052	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	568561	45.655	ng	100
83) Chrysene	14.015	228	1774901	47.501	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1230112	49.929	ng	100
85) Di-n-octyl phthalate	14.598	149	1740215	48.803	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1799974	55.447	ng	100
88) Benzo(b)fluoranthene	15.021	252	1682869	46.828	ng	100
89) Benzo(k)fluoranthene	15.051	252	1382080	49.069	ng	100
90) Benzo(a)pyrene	15.386	252	1349208	48.370	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1451477	55.158	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1537634	56.337	ng	99

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



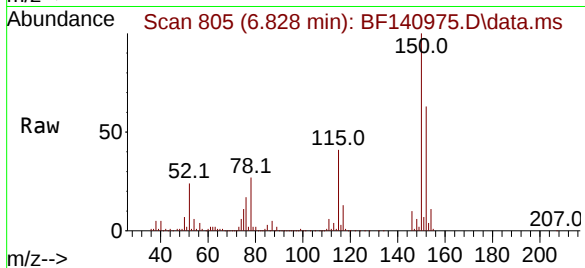
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF140975.D
 Acq: 26 Dec 2024 18:33

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SSTDICC050

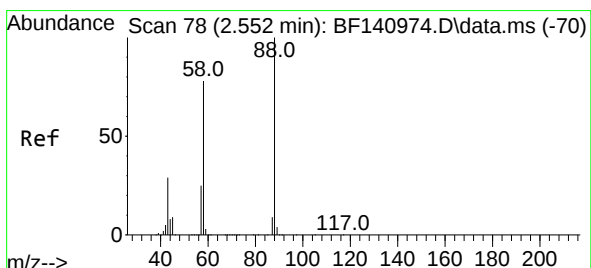
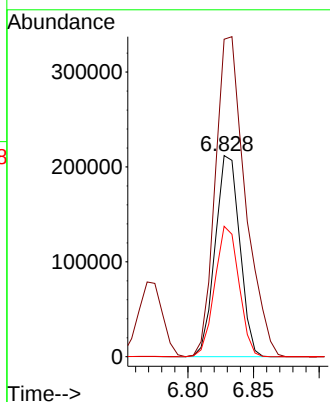
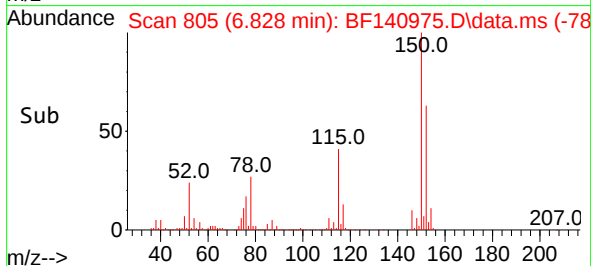


Tgt Ion:152 Resp: 27584
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.0 190.6
 115 64.8 51.7 77.5

Manual Integrations

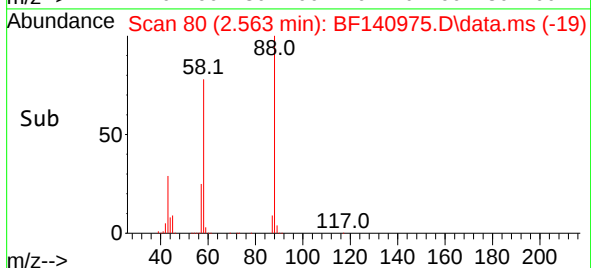
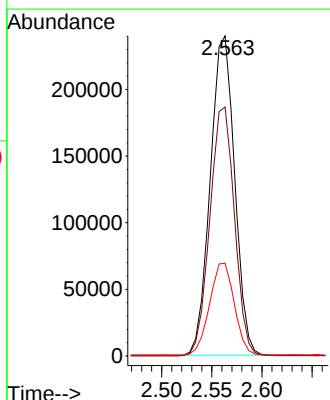
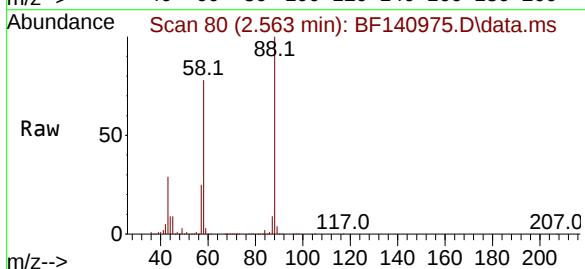
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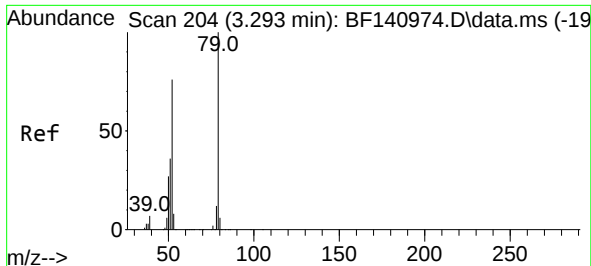
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024



#2
 1,4-Dioxane
 Concen: 48.826 ng
 RT: 2.563 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: BF140975.D
 Acq: 26 Dec 2024 18:33

Tgt Ion: 88 Resp: 404513
 Ion Ratio Lower Upper
 88 100
 58 78.9 63.0 94.4
 43 29.4 23.4 35.2





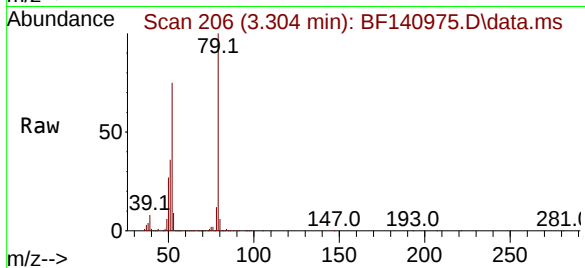
#3
Pyridine
Concen: 47.465 ng
RT: 3.304 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

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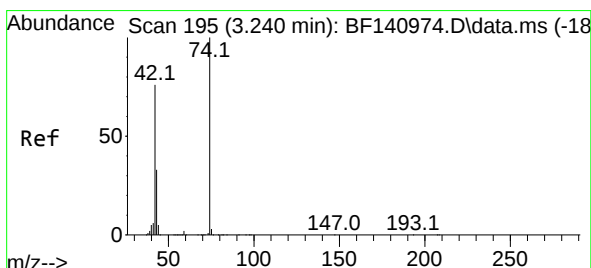
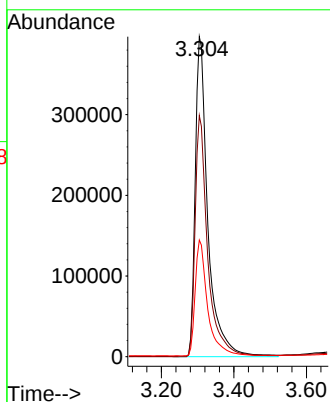
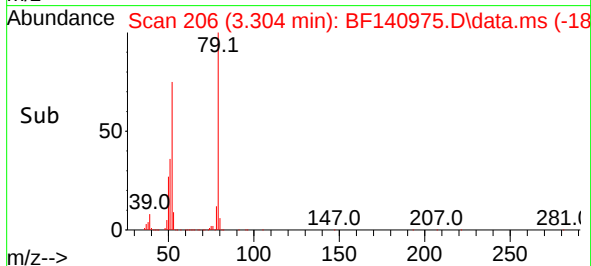
Tgt Ion: 79 Resp: 96101
Ion Ratio Lower Upper
79 100
52 75.4 60.4 90.6
51 36.4 28.8 43.2

Manual Integrations

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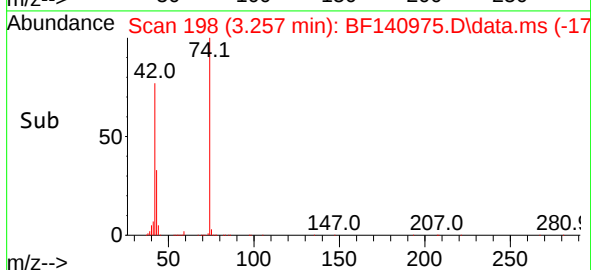
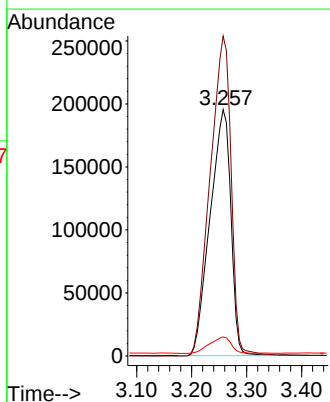
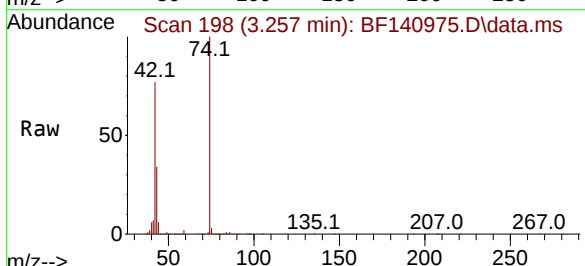
Reviewed By :Yogesh Patel 12/27/2024

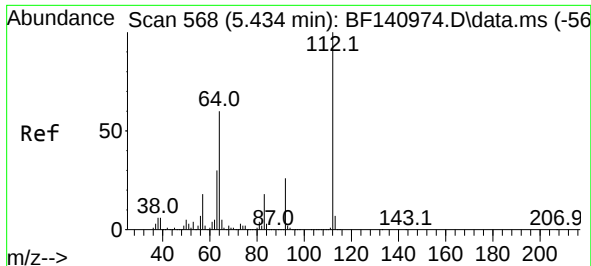
Supervised By :mohammad ahmed 12/27/2024



#4
n-Nitrosodimethylamine
Concen: 49.886 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.017 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion: 42 Resp: 511762
Ion Ratio Lower Upper
42 100
74 129.9 105.8 158.6
44 7.7 6.6 10.0





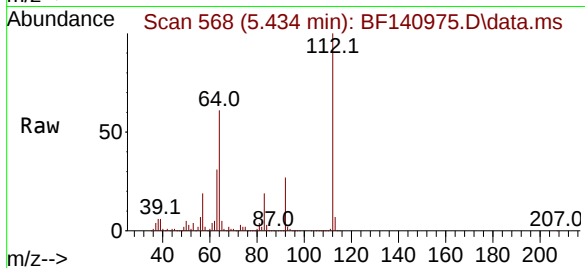
#5
2-Fluorophenol
Concen: 94.827 ng
RT: 5.434 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

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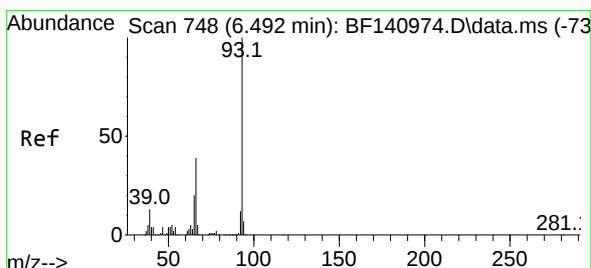
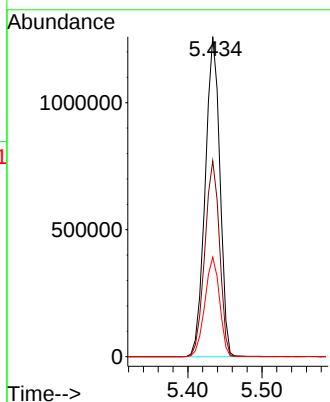
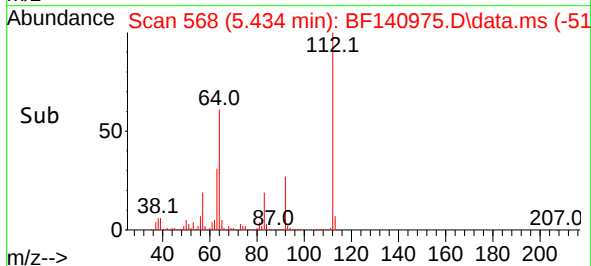
Tgt Ion:112 Resp: 1735294
Ion Ratio Lower Upper
112 100
64 61.2 47.7 71.5
63 31.1 24.2 36.2

Manual Integrations

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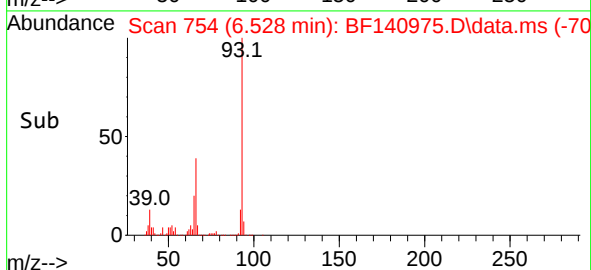
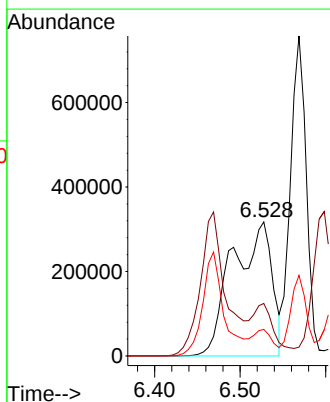
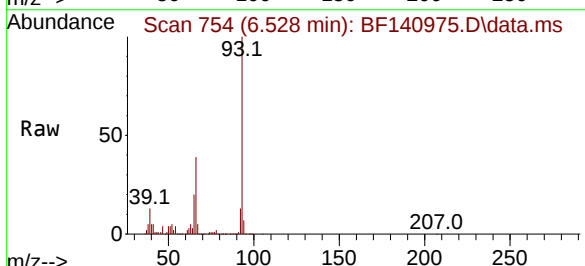
Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 48.540 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.017 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

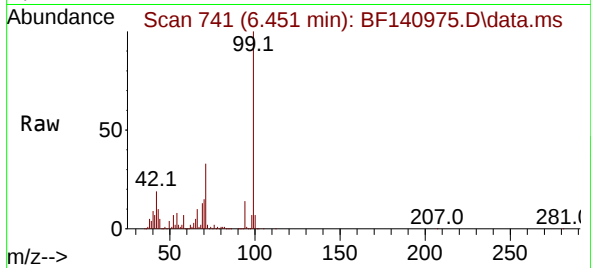
Tgt Ion: 93 Resp: 1020551
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.8
65 19.8 15.4 23.0





#7
Phenol-d6
Concen: 95.051 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

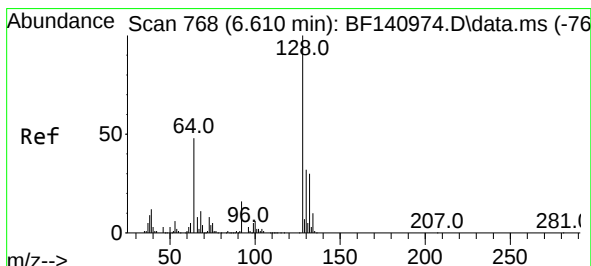
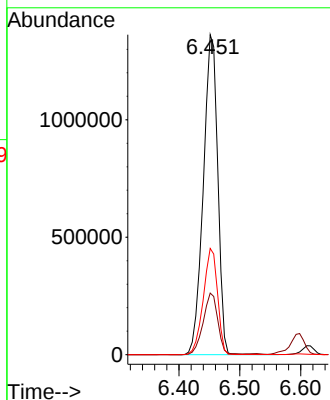
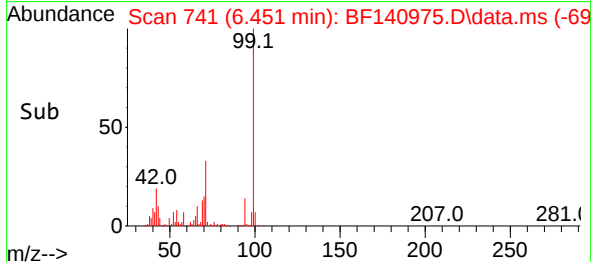
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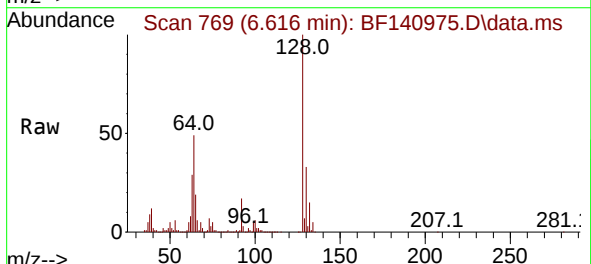
Tgt Ion: 99 Resp: 2240710
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 33.2 26.2 39.2

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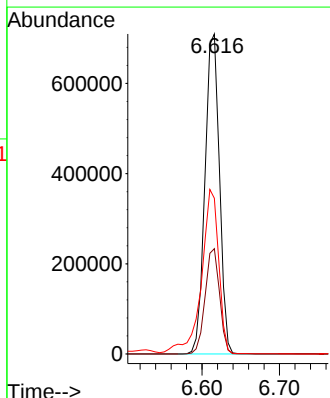
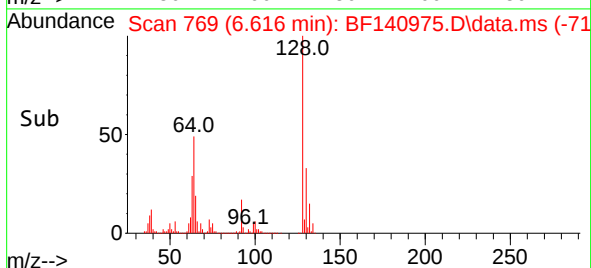
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#8
2-Chlorophenol
Concen: 47.791 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:128 Resp: 922056
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 48.6 30.3 70.3





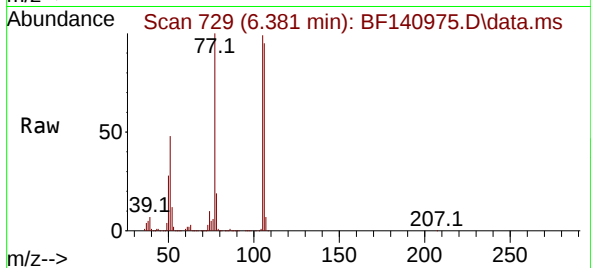
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Benzaldehyde
Concen: 49.354 ng
RT: 6.381 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



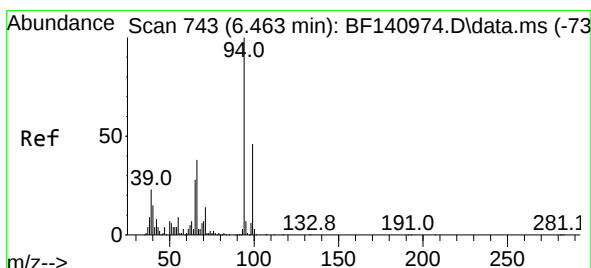
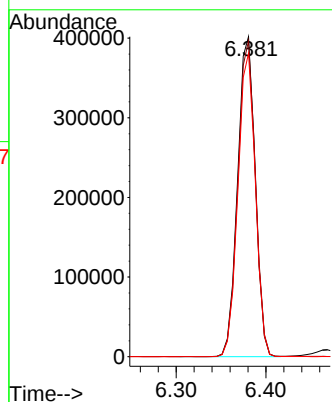
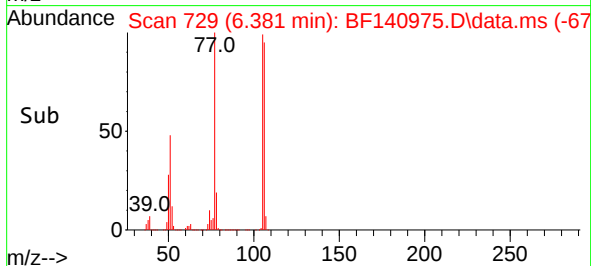
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Ion Ratio Lower Upper
77 100
105 98.8 76.2 116.2
106 94.8 73.4 113.4

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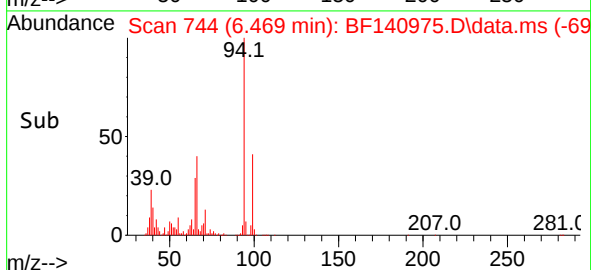
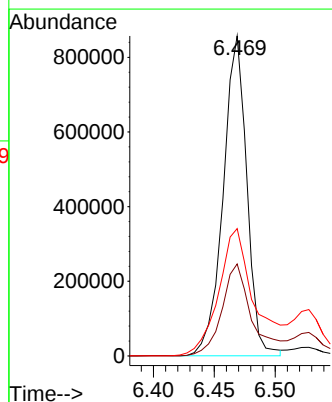
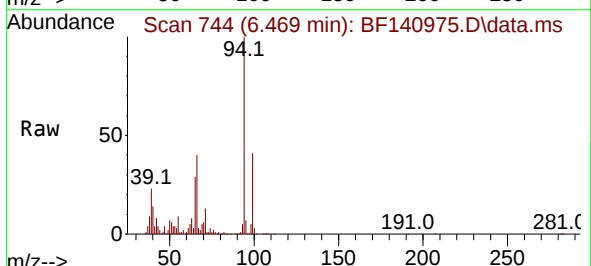
Reviewed By :Yogesh Patel 12/27/2024

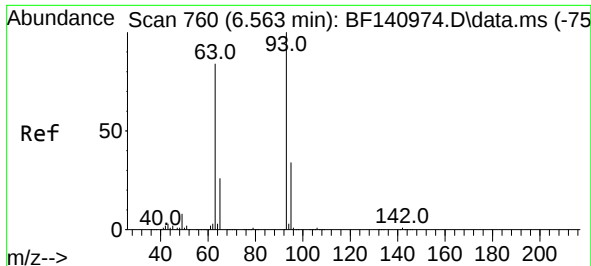
Supervised By :mohammad ahmed 12/27/2024



#10
Phenol
Concen: 47.608 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion: 94 Resp: 1160486
Ion Ratio Lower Upper
94 100
65 28.7 8.1 48.1
66 39.8 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 49.665 ng
RT: 6.569 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

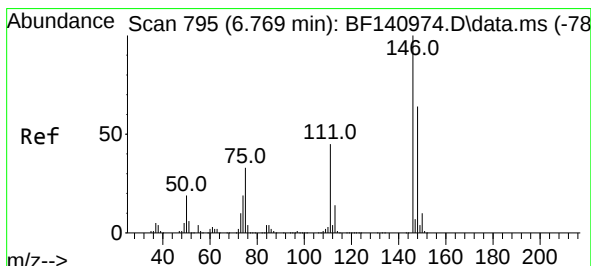
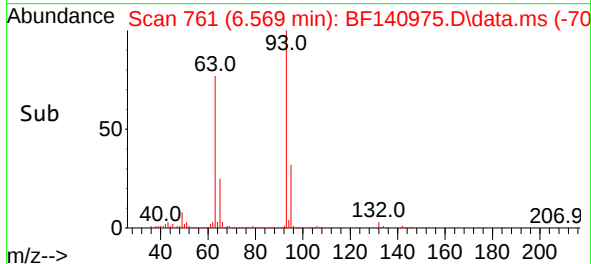
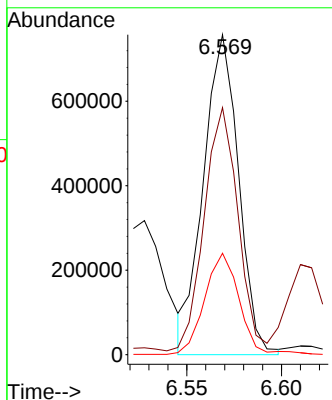
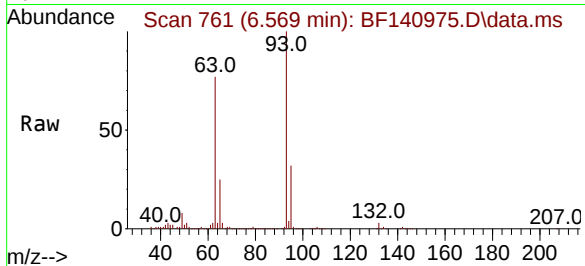
ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 97660
Ion Ratio Lower Upper
93 100
63 77.2 60.3 100.3
95 31.7 12.2 52.2

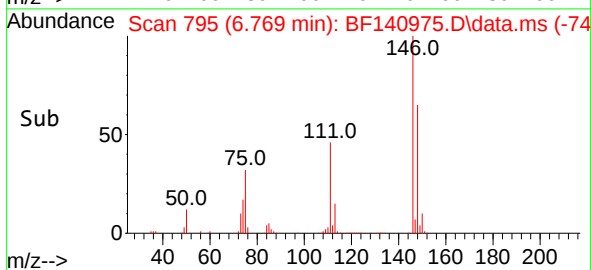
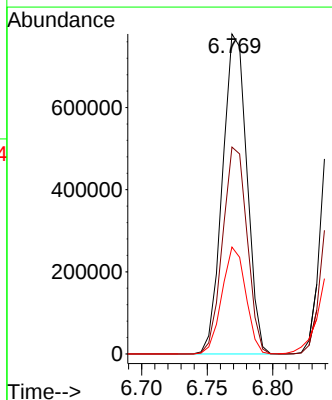
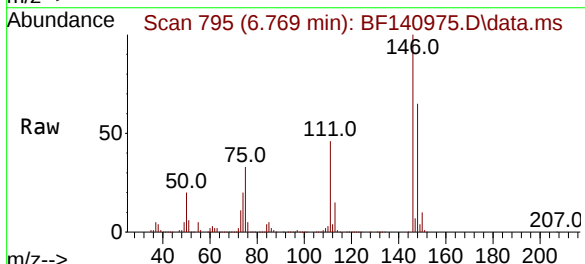
Manual Integrations
APPROVED

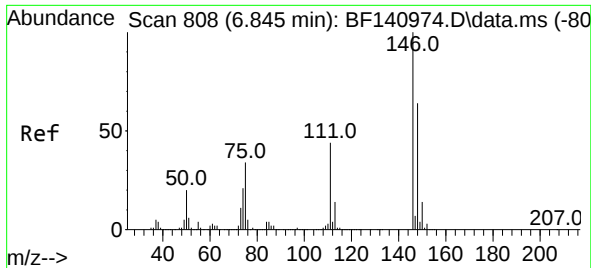
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#12
1,3-Dichlorobenzene
Concen: 47.362 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

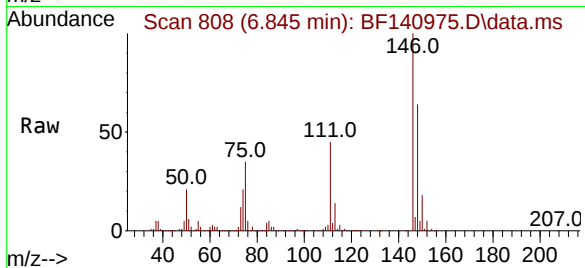
Tgt Ion:146 Resp: 1008461
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 33.4 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 47.467 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

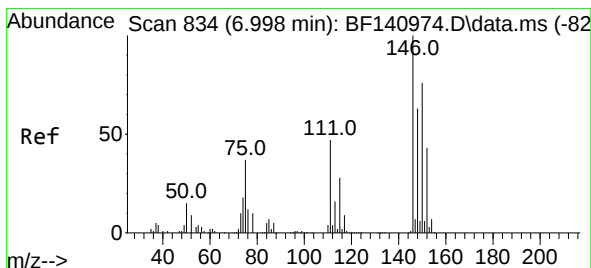
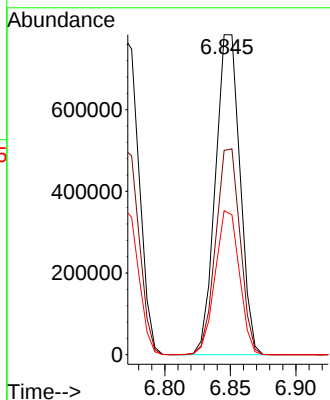
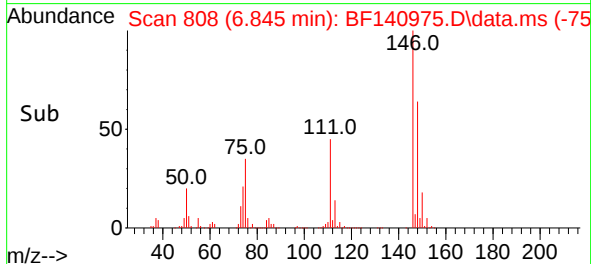
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



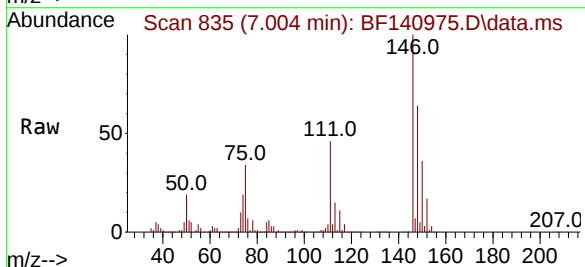
Tgt Ion:146 Resp: 101887
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
111 45.0 35.3 52.9

Manual Integrations
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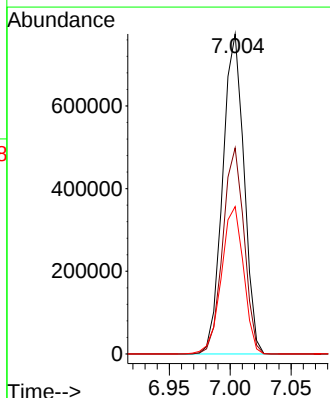
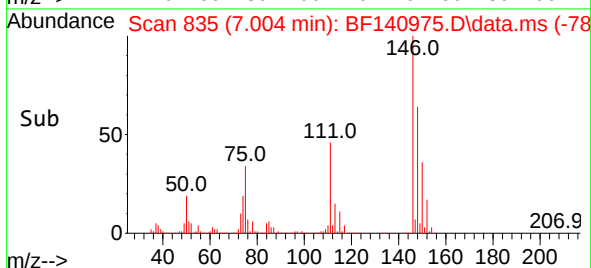
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

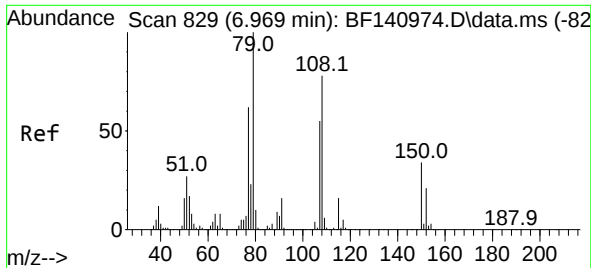


#14
1,2-Dichlorobenzene
Concen: 47.085 ng
RT: 7.004 min Scan# 835
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:146 Resp: 942310
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
111 46.1 37.3 55.9





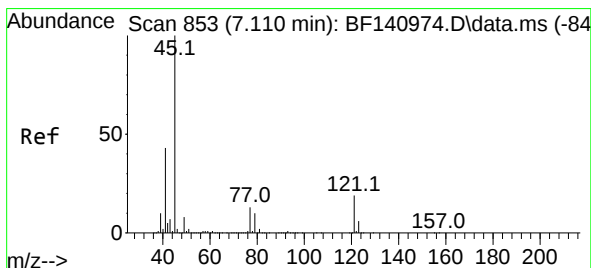
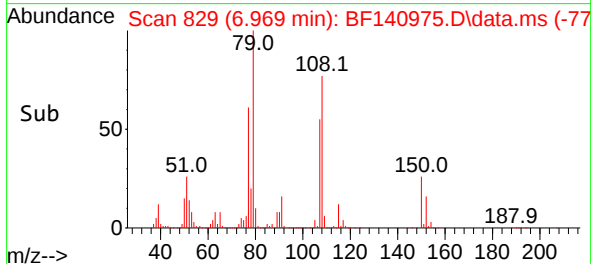
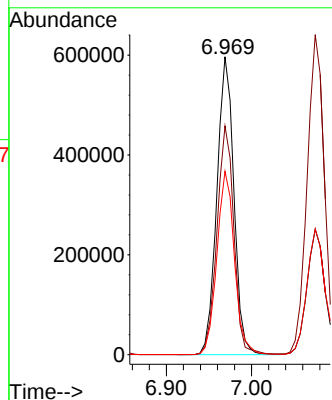
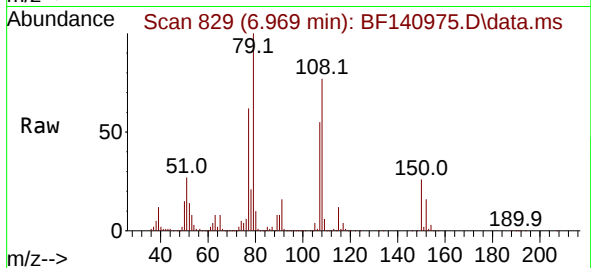
#15
Benzyl Alcohol
Concen: 48.792 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 826544
Ion Ratio Lower Upper
79 100
108 76.8 62.5 93.7
77 61.5 49.3 73.9

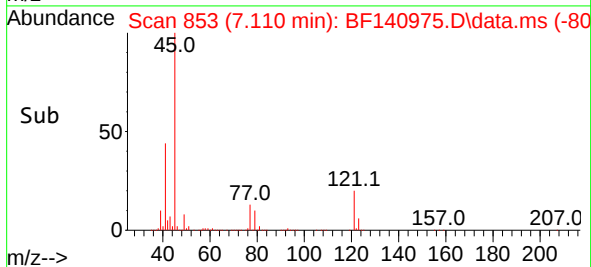
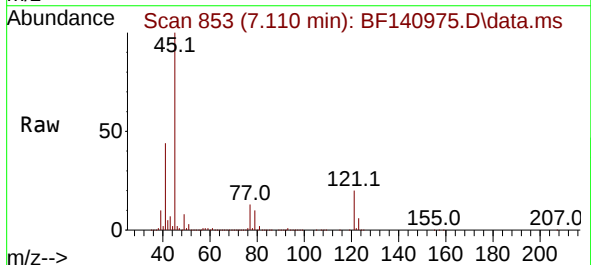
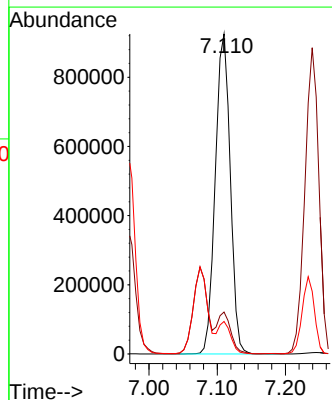
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.443 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion: 45 Resp: 1412151
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.1
79 10.2 0.0 30.1





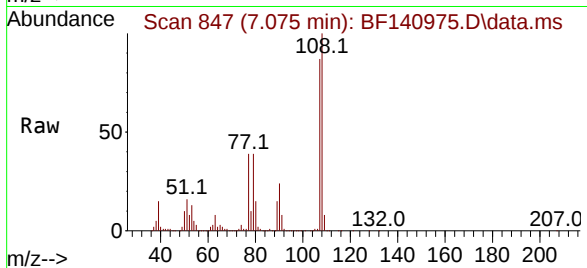
#17
2-Methylphenol
Concen: 48.390 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

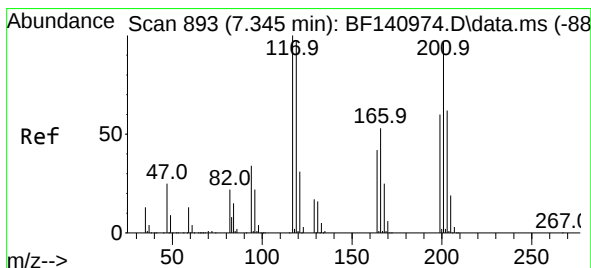
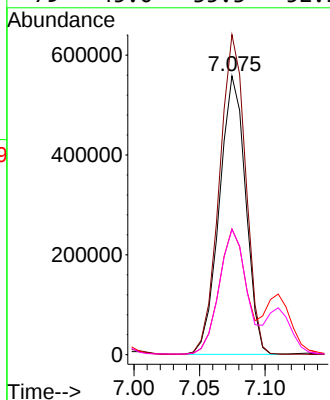
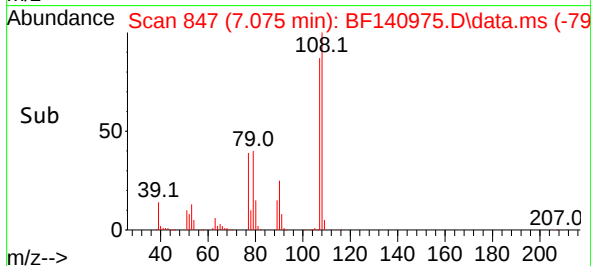


Tgt Ion:107 Resp: 775619
Ion Ratio Lower Upper
107 100
108 114.8 90.6 136.0
77 45.1 35.3 52.9
79 45.0 35.3 52.9

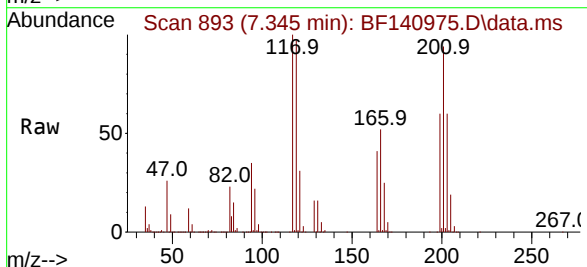
Manual Integrations

APPROVED

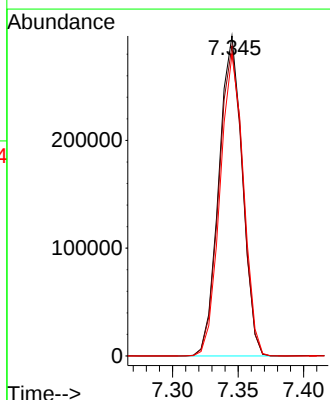
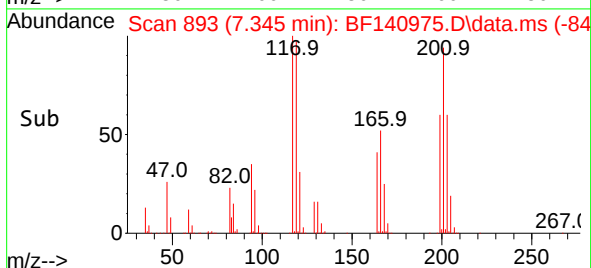
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

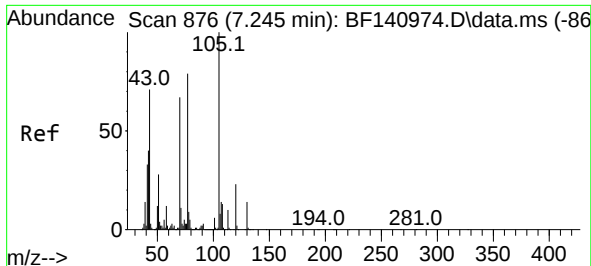


#18
Hexachloroethane
Concen: 48.670 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:117 Resp: 371106
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
201 94.2 77.4 116.2





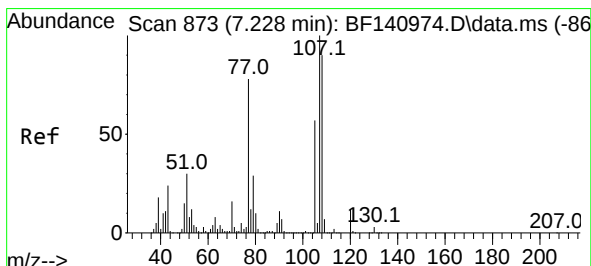
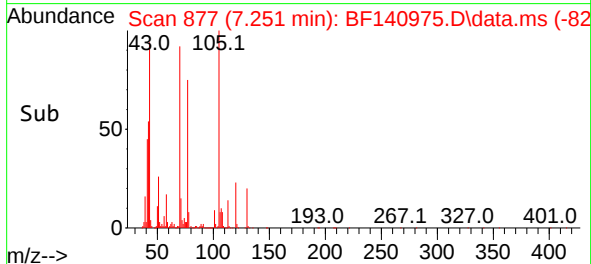
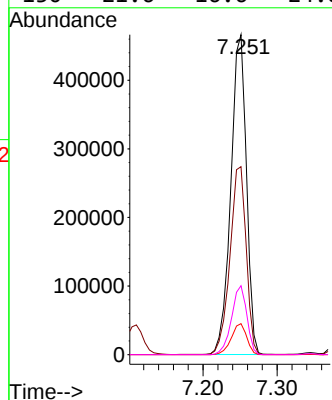
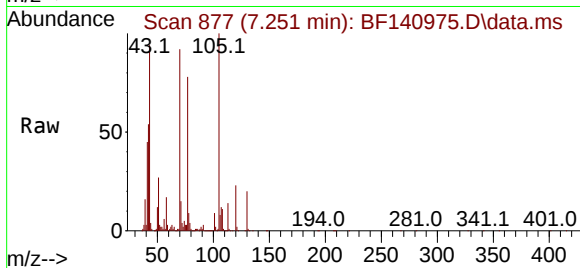
#19
n-Nitroso-di-n-propylamine
Concen: 47.195 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 681599
Ion Ratio Lower Upper
70 100
42 58.8 48.1 72.1
101 9.7 7.6 11.4
130 21.6 16.6 24.8

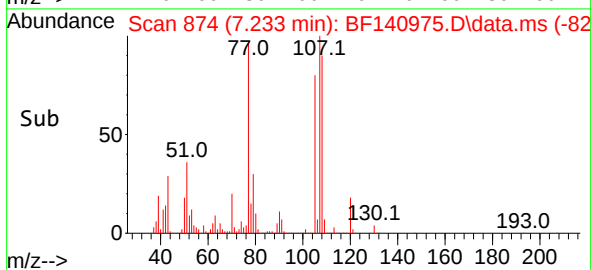
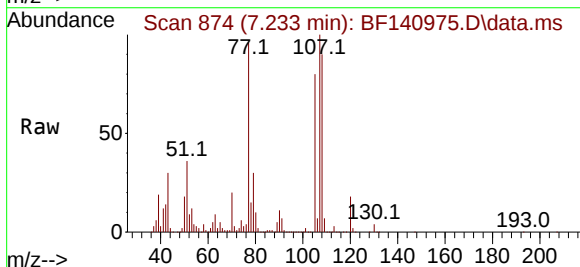
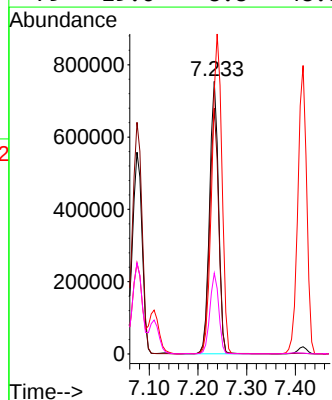
Manual Integrations
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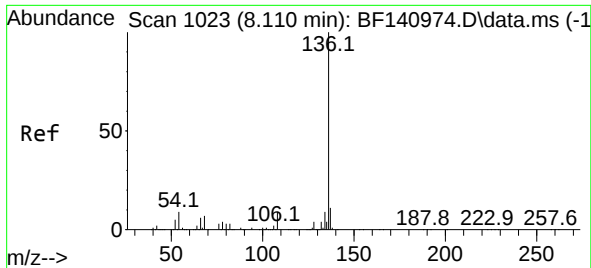
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#20
3+4-Methylphenols
Concen: 47.163 ng
RT: 7.233 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:107 Resp: 956631
Ion Ratio Lower Upper
107 100
108 90.1 69.6 109.6
77 96.2 57.6 97.6
79 29.6 8.8 48.8





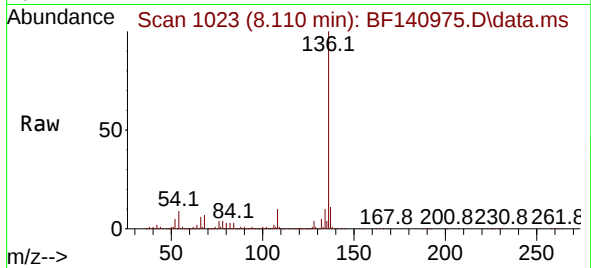
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



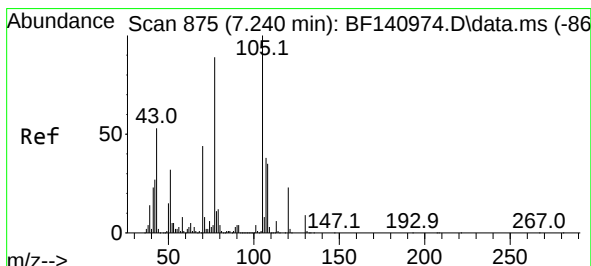
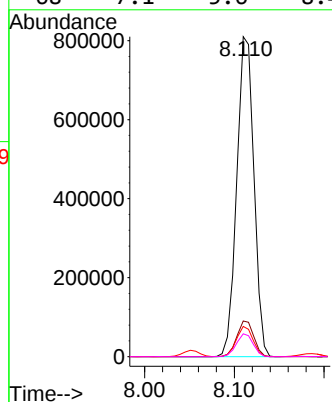
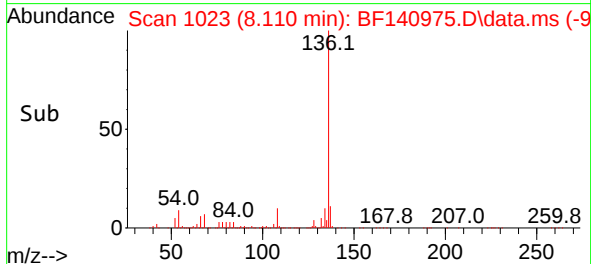
Tgt Ion:136 Resp: 1074985
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.4 7.6 11.4
68 7.1 5.6 8.4

Manual Integrations

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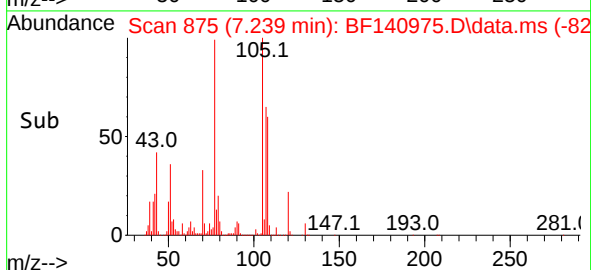
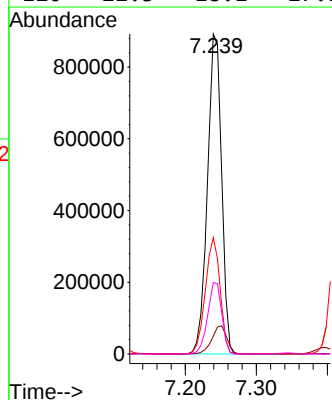
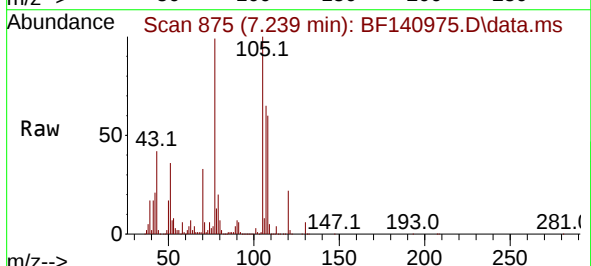
Reviewed By :Yogesh Patel 12/27/2024

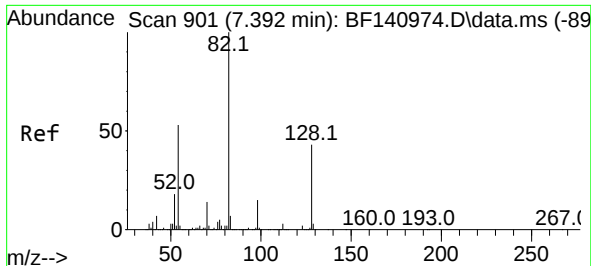
Supervised By :mohammad ahmed 12/27/2024



#22
Acetophenone
Concen: 46.789 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:105 Resp: 1233868
Ion Ratio Lower Upper
105 100
71 5.6 6.1 9.1#
51 36.3 25.8 38.6
120 22.3 18.1 27.1





#23

Nitrobenzene-d5

Concen: 107.979 ng

RT: 7.398 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1814319

Ion Ratio Lower Upper

82 100

128 44.1 34.4 51.6

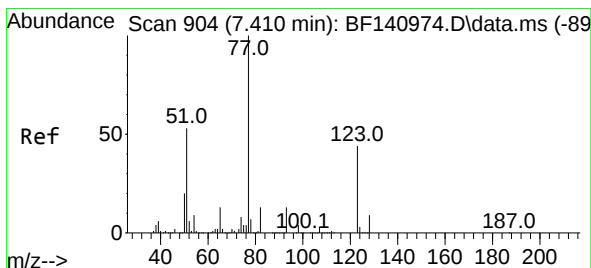
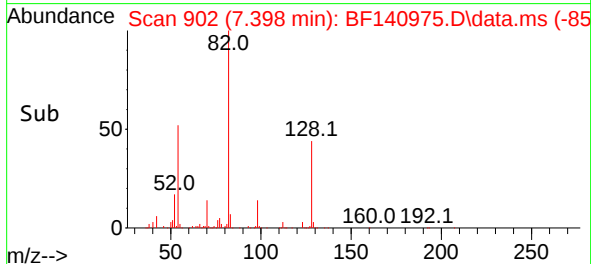
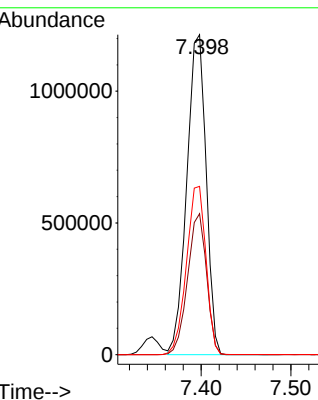
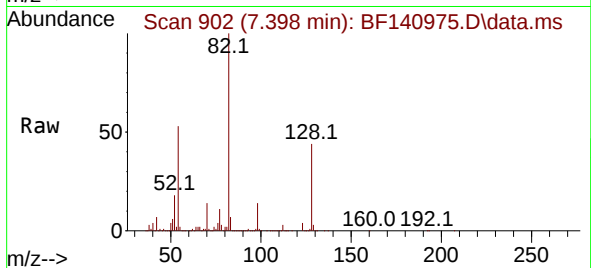
54 52.6 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#24

Nitrobenzene

Concen: 53.126 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

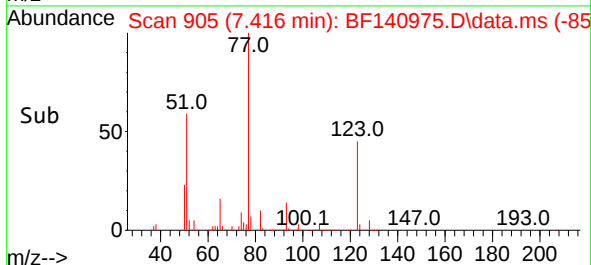
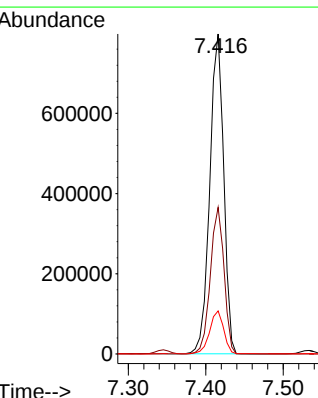
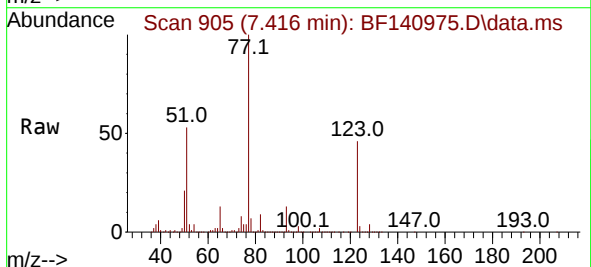
Tgt Ion: 77 Resp: 997447

Ion Ratio Lower Upper

77 100

123 45.8 35.4 53.2

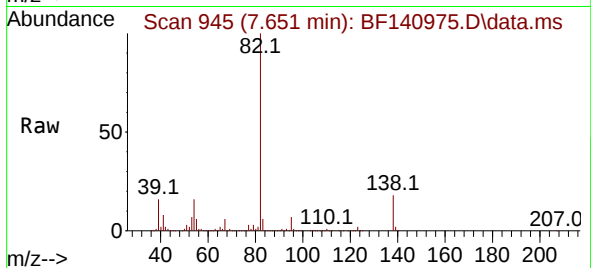
65 13.5 10.7 16.1





#25
Isophorone
Concen: 48.082 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

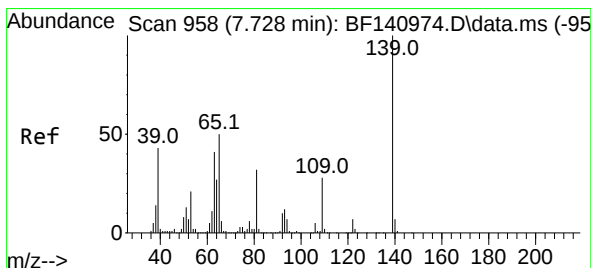
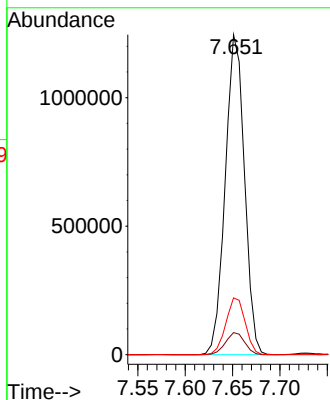
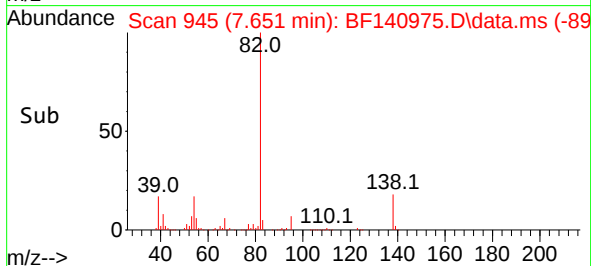
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 175802
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.7 14.6 21.8

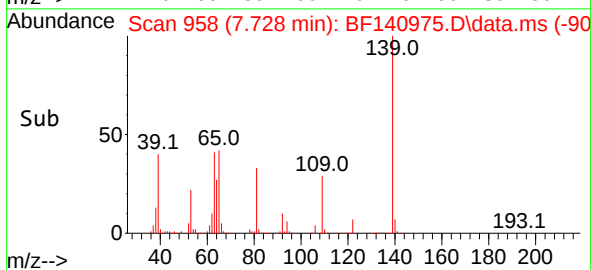
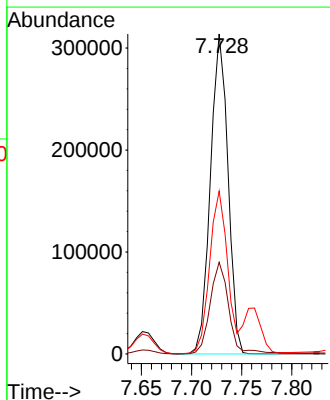
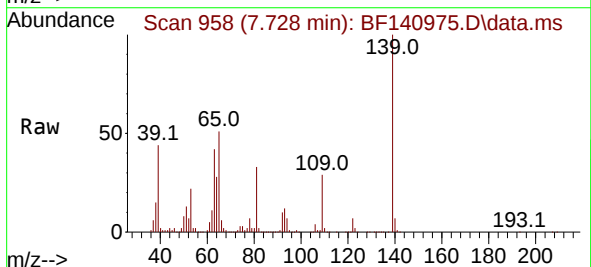
Manual Integrations
APPROVED

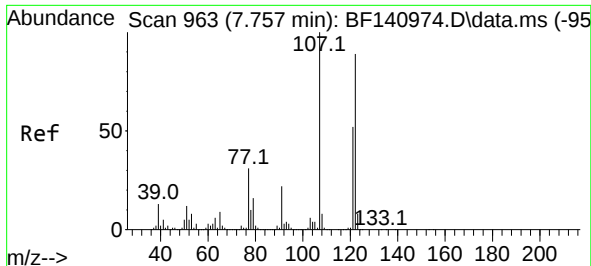
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#26
2-Nitrophenol
Concen: 49.366 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:139 Resp: 381135
Ion Ratio Lower Upper
139 100
109 28.7 22.2 33.4
65 50.9 40.2 60.4





#27
2,4-Dimethylphenol
Concen: 48.497 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

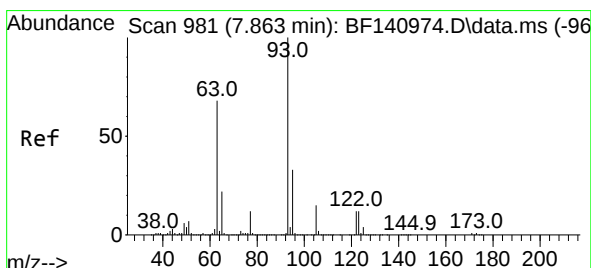
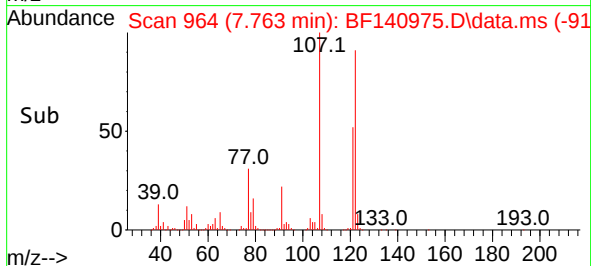
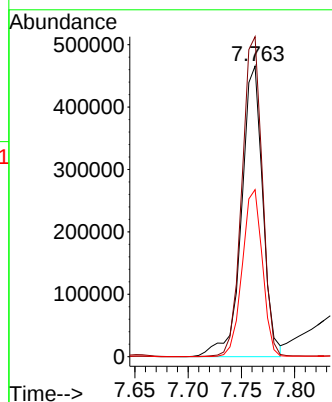
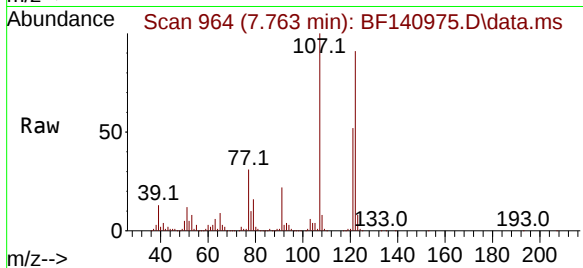
SSTDICC050

Tgt Ion:122 Resp: 648052
Ion Ratio Lower Upper
122 100
107 110.1 89.4 134.2
121 57.5 46.7 70.1

Manual Integrations

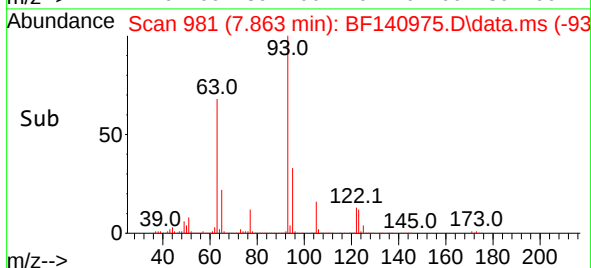
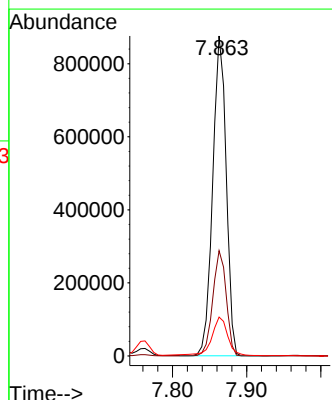
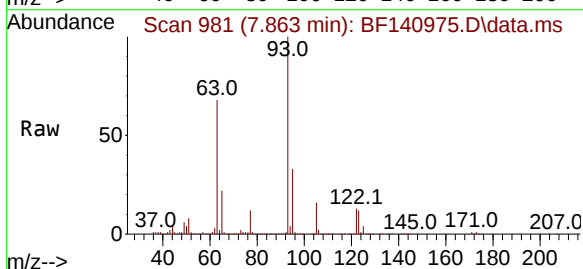
APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.823 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion: 93 Resp: 1107863
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 12.1 9.9 14.9





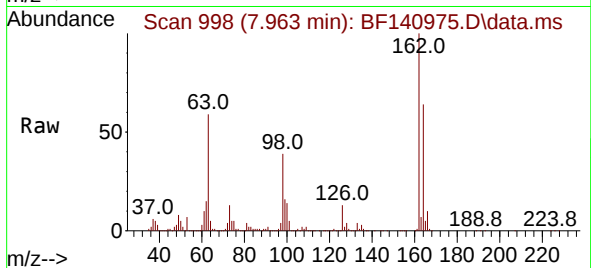
#29
2,4-Dichlorophenol
Concen: 49.847 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



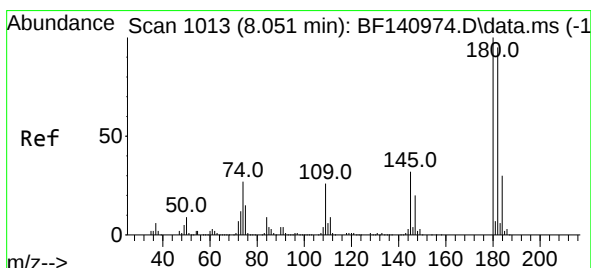
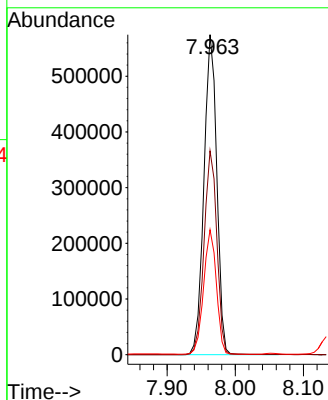
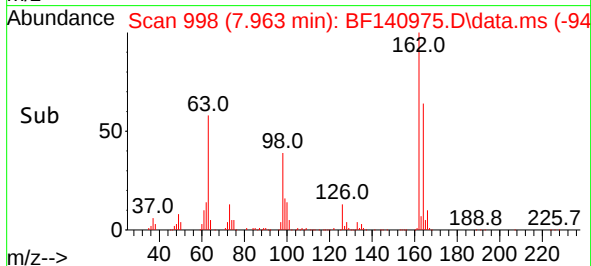
Tgt Ion:162 Resp: 755436
Ion Ratio Lower Upper
162 100
164 63.7 44.8 84.8
98 39.1 18.6 58.6

Manual Integrations

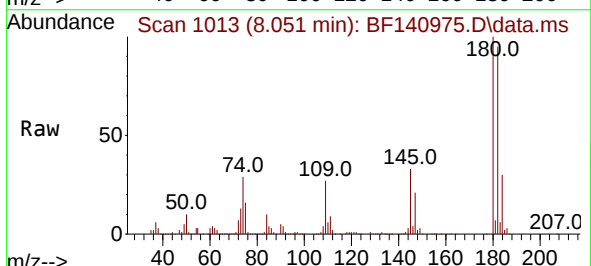
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

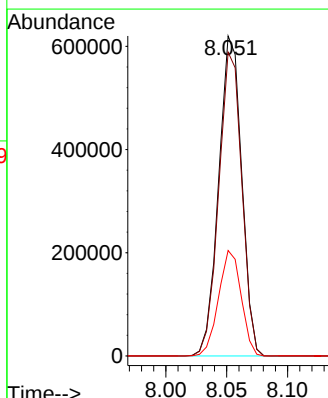
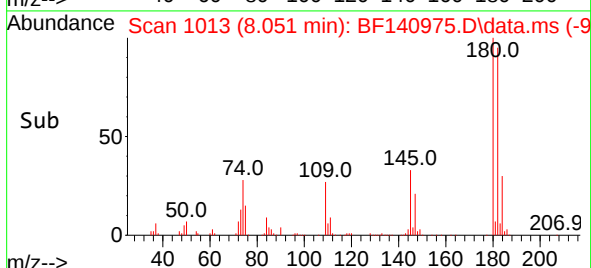
Supervised By :mohammad ahmed 12/27/2024

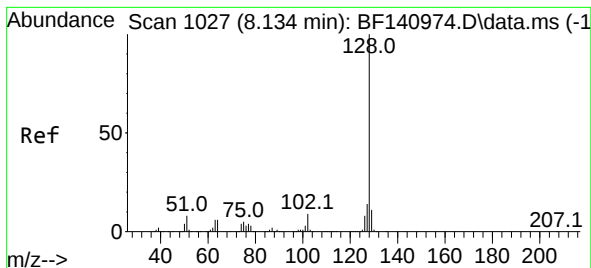


#30
1,2,4-Trichlorobenzene
Concen: 47.560 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:180 Resp: 815821
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 32.9 25.4 38.2





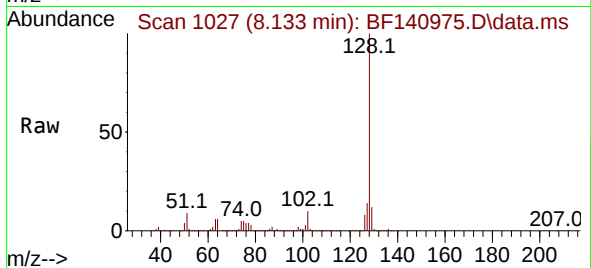
#31
Naphthalene
Concen: 46.905 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



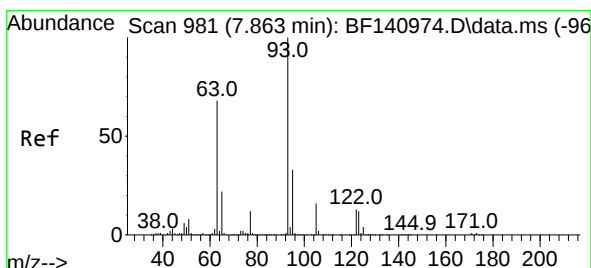
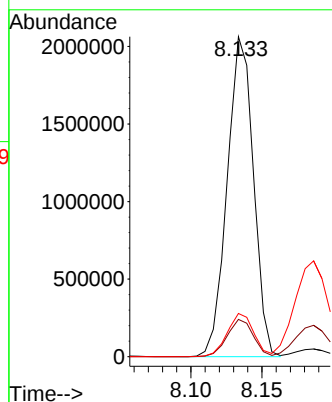
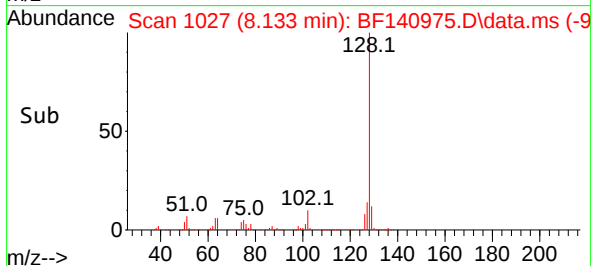
Tgt Ion:128 Resp: 265694
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 11.0 16.4

Manual Integrations

APPROVED

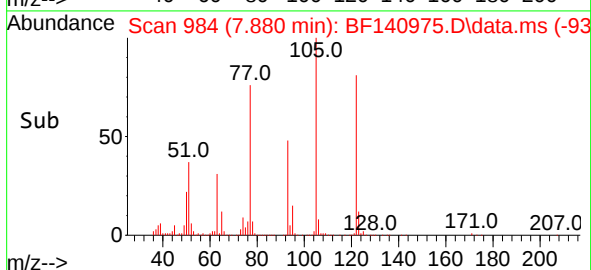
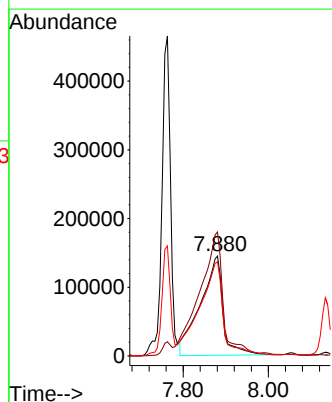
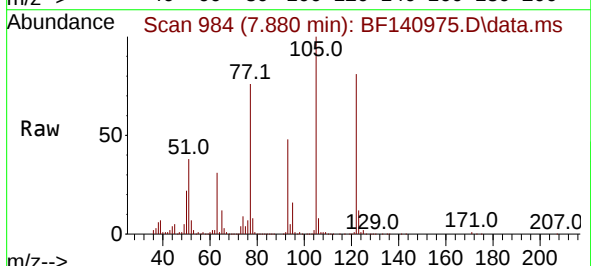
Reviewed By :Yogesh Patel 12/27/2024

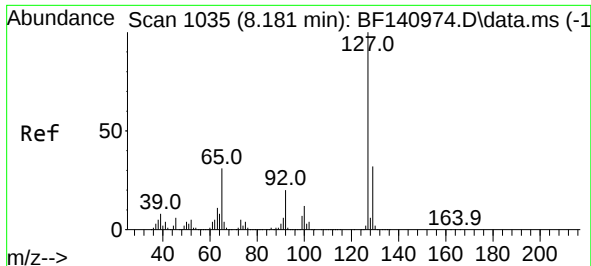
Supervised By :mohammad ahmed 12/27/2024



#32
Benzoic acid
Concen: 48.423 ng
RT: 7.880 min Scan# 984
Delta R.T. 0.017 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:122 Resp: 533388
Ion Ratio Lower Upper
122 100
105 124.1 105.4 145.4
77 94.3 76.4 116.4





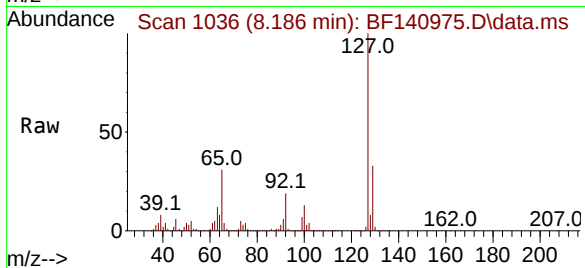
#33
4-Chloroaniline
Concen: 48.233 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



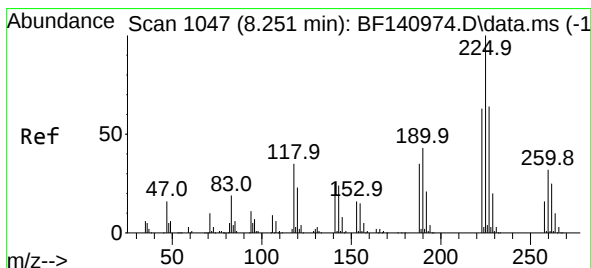
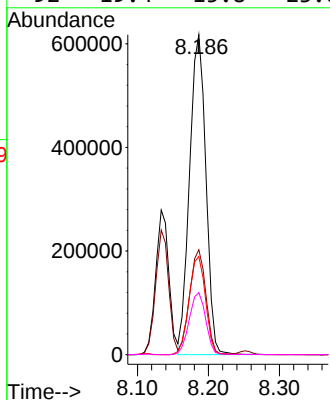
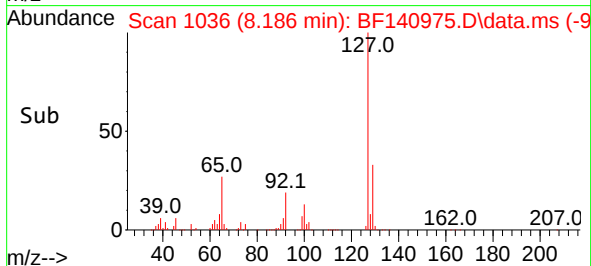
Tgt Ion:127 Resp: 988410
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 30.6 24.6 37.0
92 19.4 15.8 23.6

Manual Integrations

APPROVED

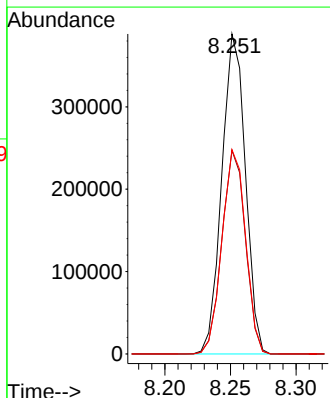
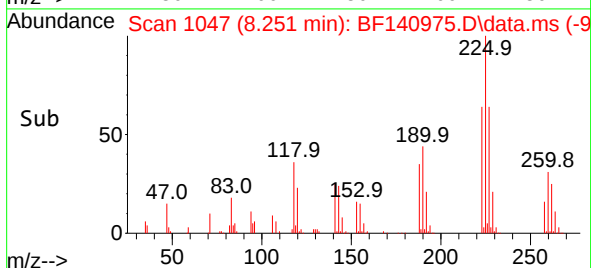
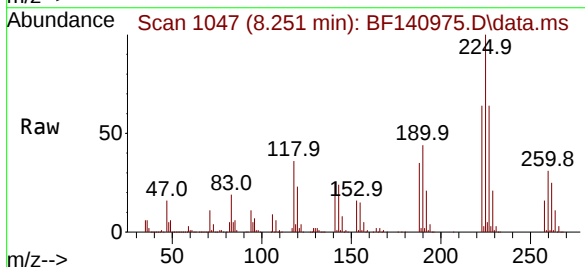
Reviewed By :Yogesh Patel 12/27/2024

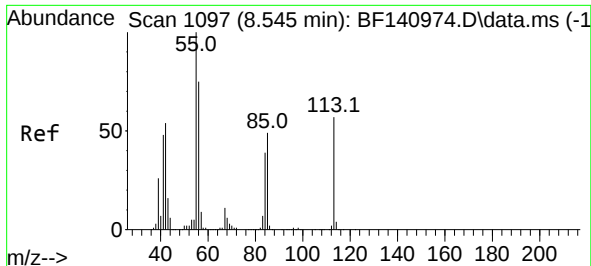
Supervised By :mohammad ahmed 12/27/2024



#34
Hexachlorobutadiene
Concen: 48.012 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

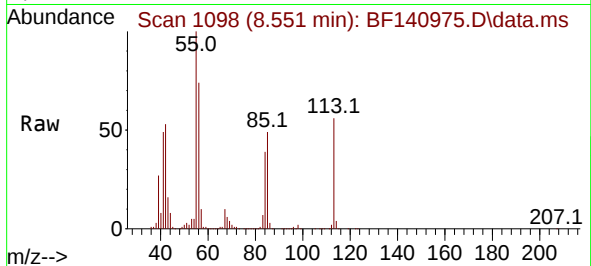
Tgt Ion:225 Resp: 485520
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 63.9 50.8 76.2





#35
Caprolactam
Concen: 48.876 ng m
RT: 8.551 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

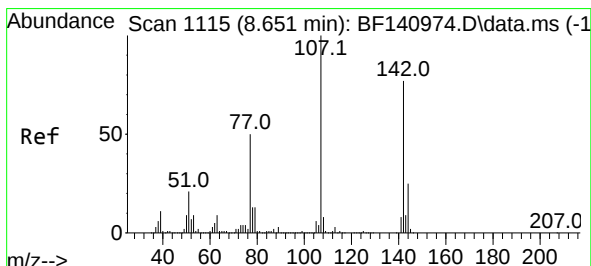
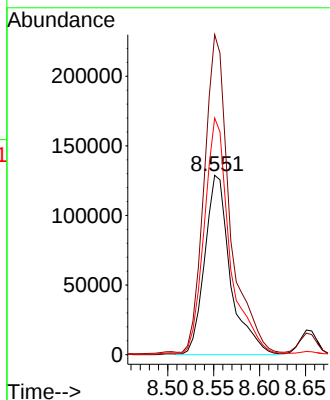
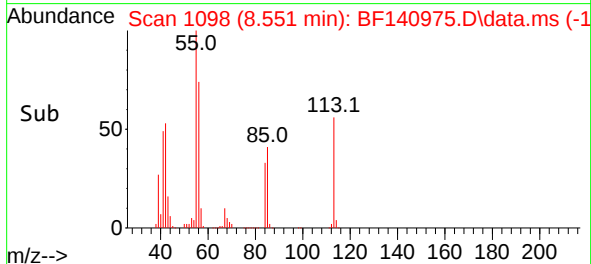
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 25183
Ion Ratio Lower Upper
113 100
55 178.4 156.6 196.6
56 132.0 111.7 151.7

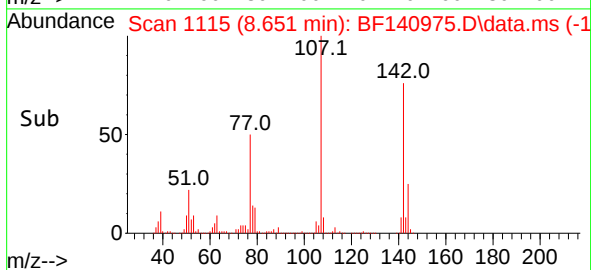
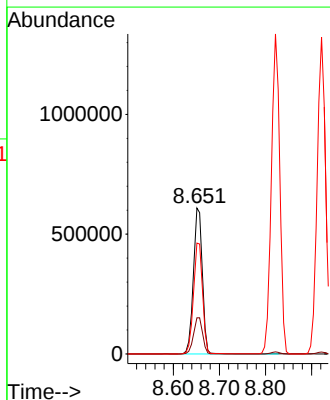
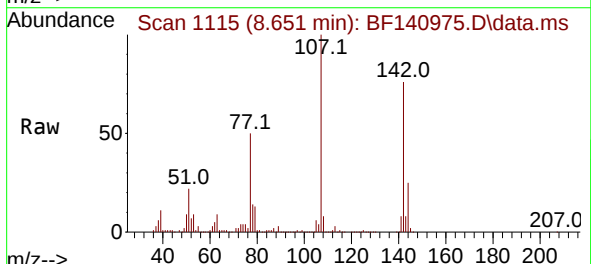
Manual Integrations
APPROVED

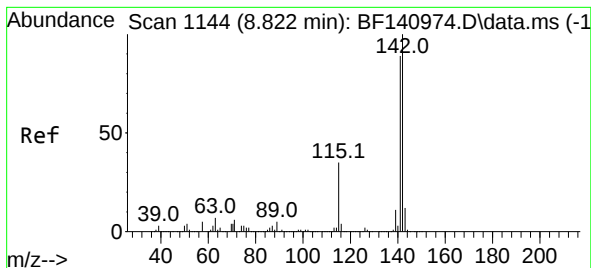
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#36
4-Chloro-3-methylphenol
Concen: 48.589 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:107 Resp: 817788
Ion Ratio Lower Upper
107 100
144 24.8 19.9 29.9
142 75.9 61.8 92.8





#37
2-Methylnaphthalene
Concen: 46.676 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

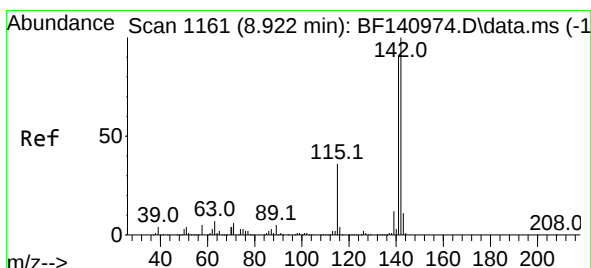
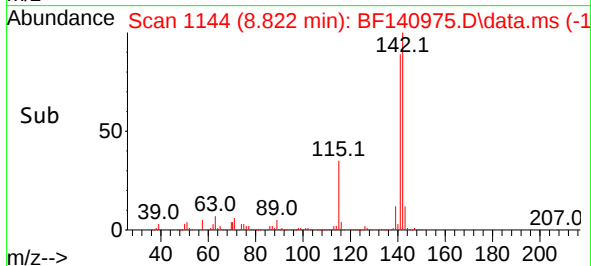
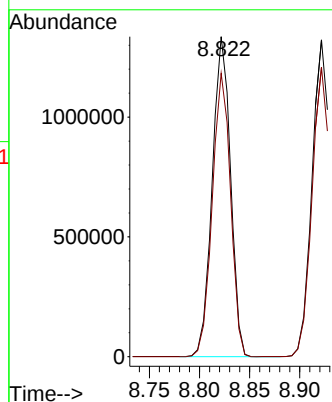
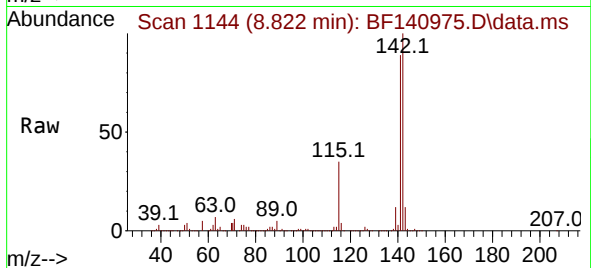
SSTDICC050

Tgt Ion:142 Resp: 1691438
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7

Manual Integrations

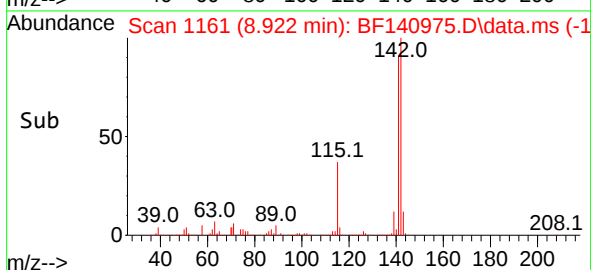
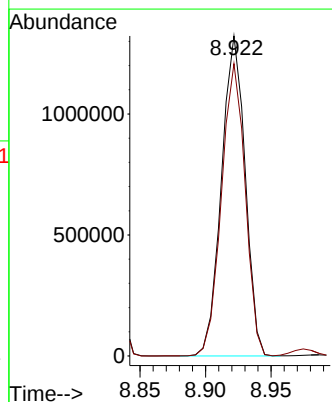
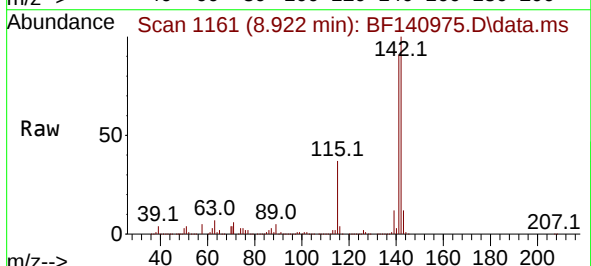
APPROVED

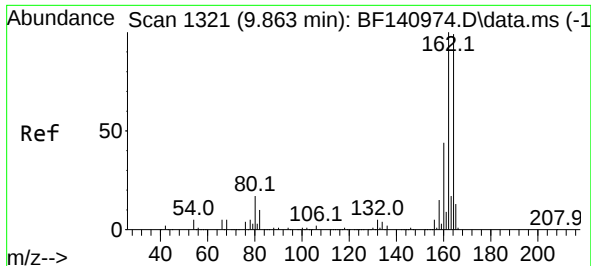
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#38
1-Methylnaphthalene
Concen: 46.607 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:142 Resp: 1659875
Ion Ratio Lower Upper
142 100
141 91.4 72.7 109.1





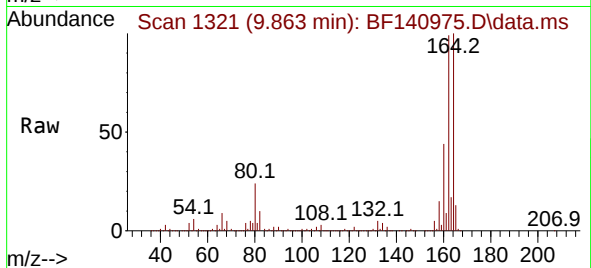
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

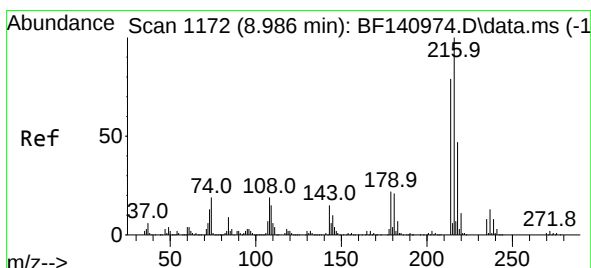
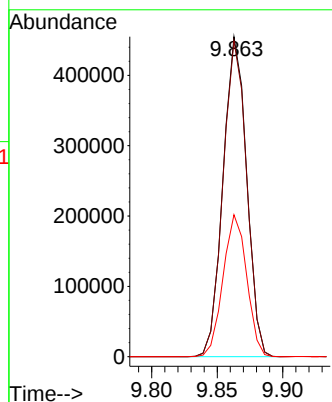
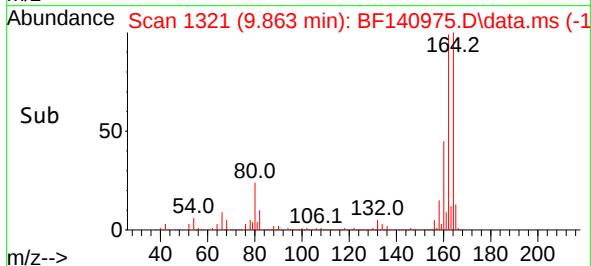


Tgt Ion:164 Resp: 568540
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 44.3 35.7 53.5

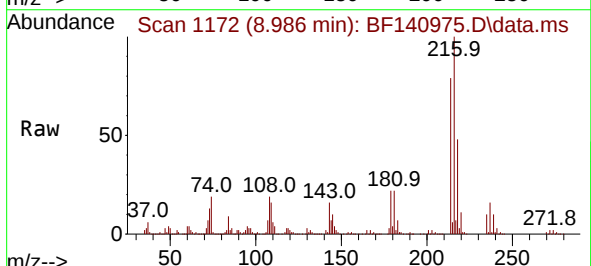
Manual Integrations

APPROVED

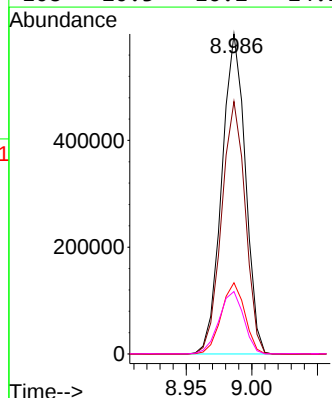
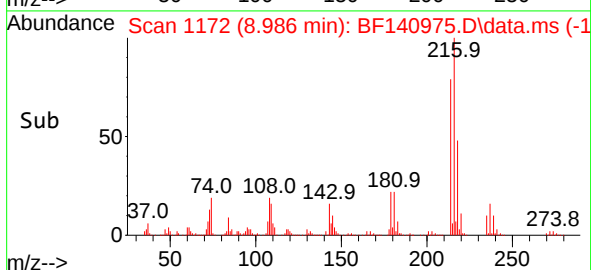
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.857 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:216 Resp: 748540
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.6
179 22.2 17.9 26.9
108 20.3 16.2 24.2





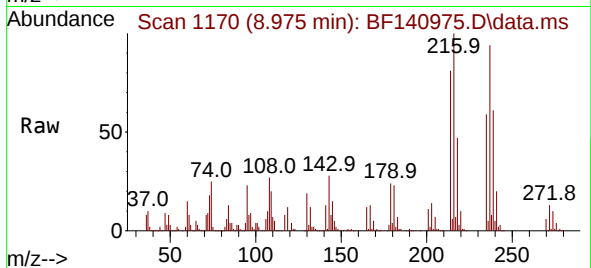
#41
Hexachlorocyclopentadiene
Concen: 51.849 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

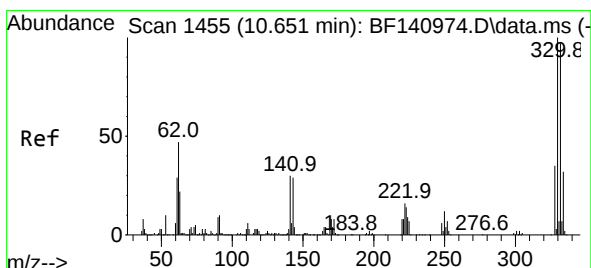
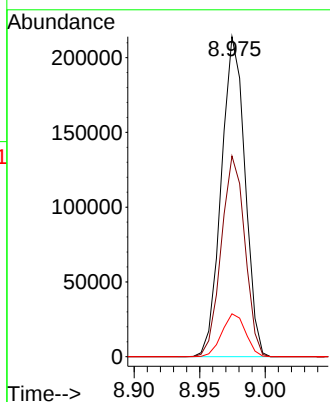
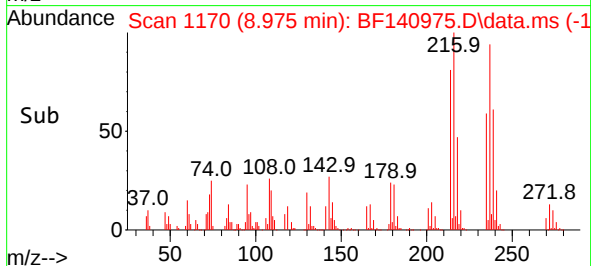


Tgt Ion:237 Resp: 268744
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.4 0.0 32.6

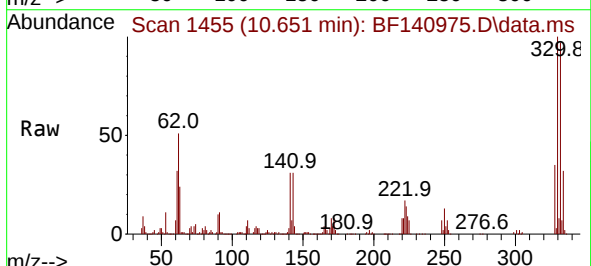
Manual Integrations

APPROVED

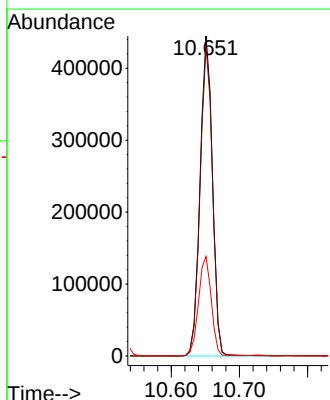
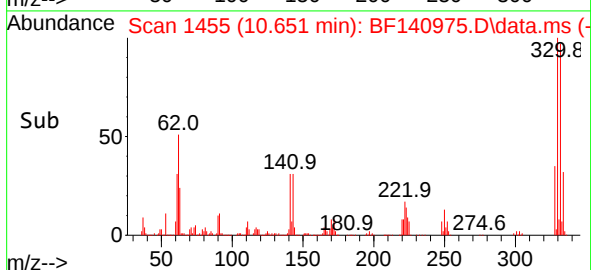
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

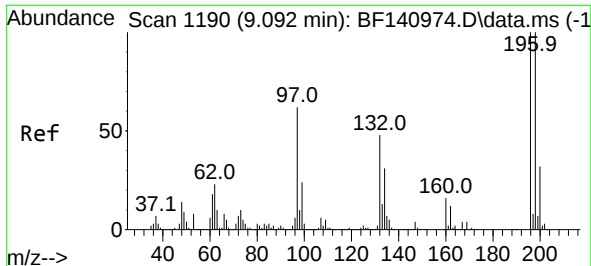


#42
2,4,6-Tribromophenol
Concen: 101.660 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:330 Resp: 561625
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 31.9 26.4 39.6





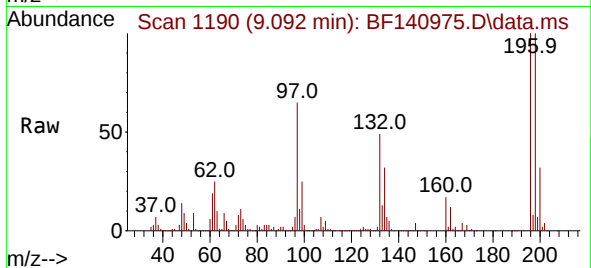
#43
2,4,6-Trichlorophenol
Concen: 48.593 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



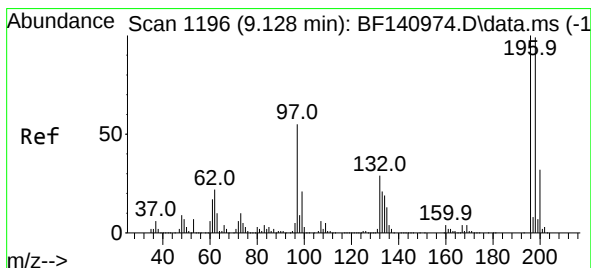
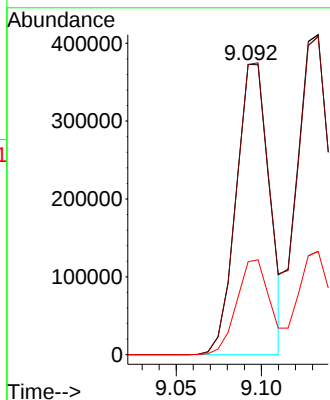
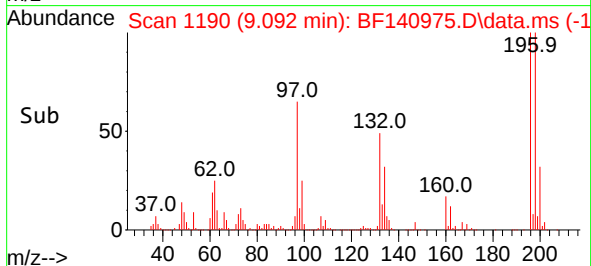
Tgt Ion:196 Resp: 505859
Ion Ratio Lower Upper
196 100
198 100.0 80.2 120.4
200 32.0 25.8 38.6

Manual Integrations

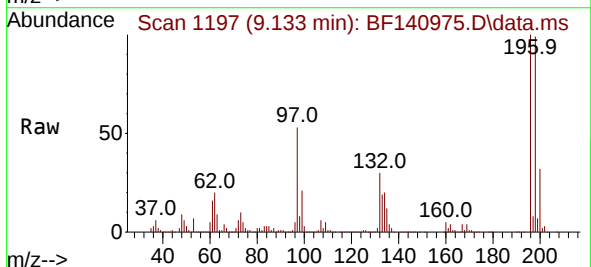
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

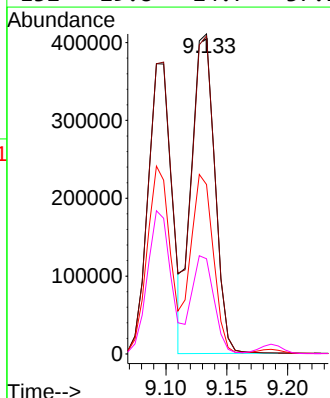
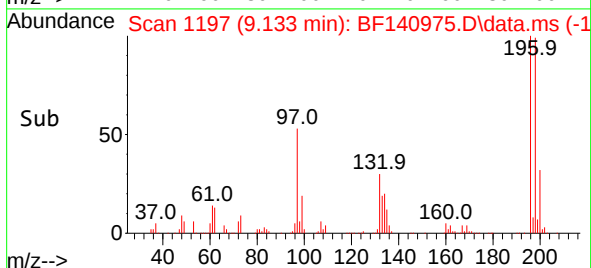
Supervised By :mohammad ahmed 12/27/2024

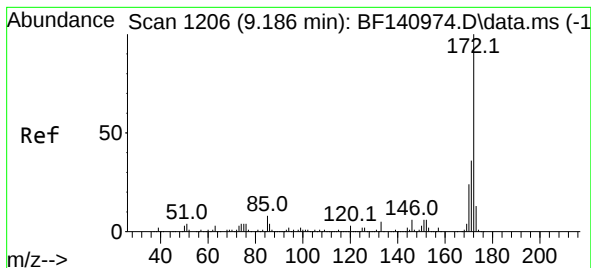


#44
2,4,5-Trichlorophenol
Concen: 51.514 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:196 Resp: 548701
Ion Ratio Lower Upper
196 100
198 99.4 79.9 119.9
97 53.0 44.3 66.5
132 29.8 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 89.926 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 320898

Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

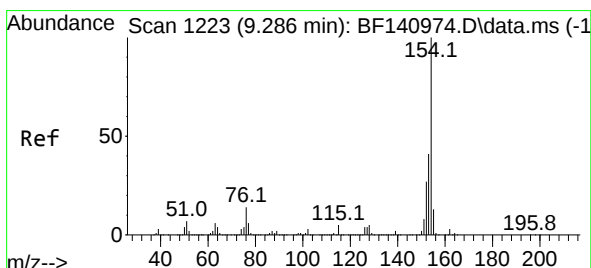
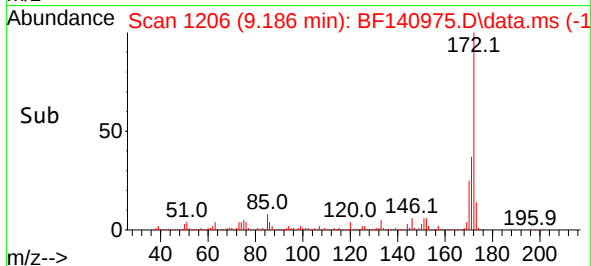
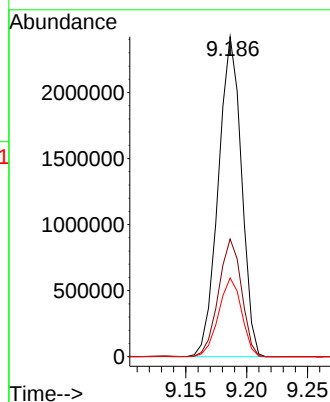
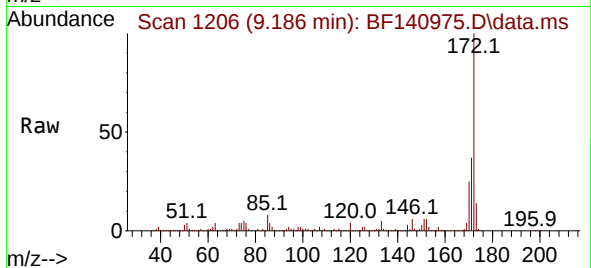
170 24.6 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#46

1,1'-Biphenyl

Concen: 46.398 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

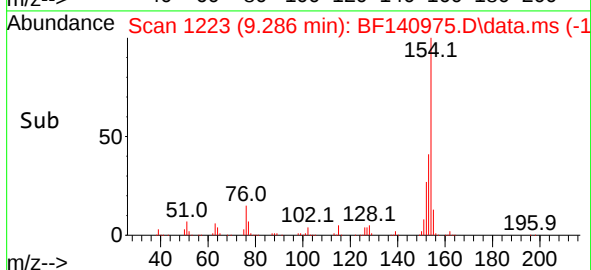
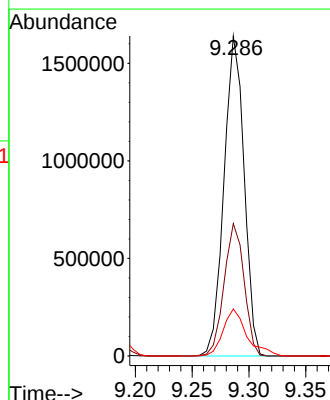
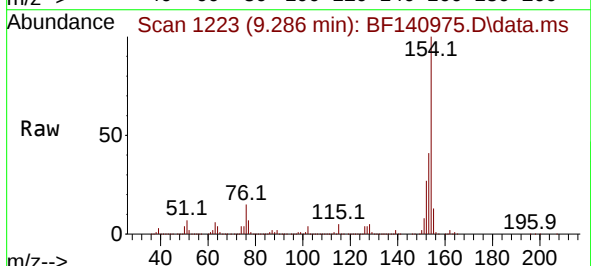
Tgt Ion:154 Resp: 2019837

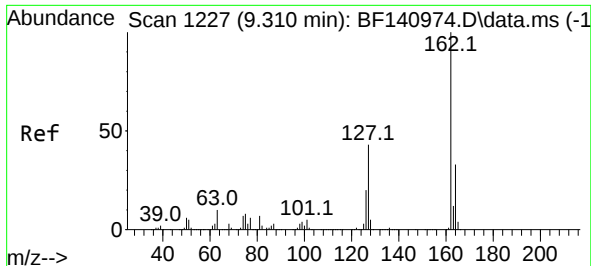
Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

76 14.7 0.0 34.0





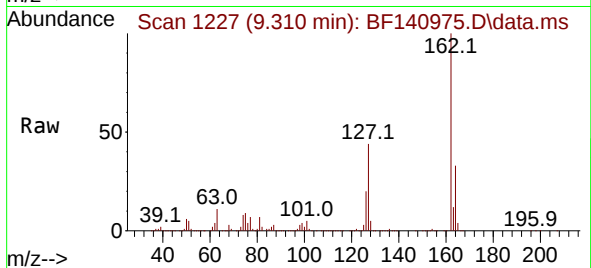
#47
2-Chloronaphthalene
Concen: 46.928 ng
RT: 9.310 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



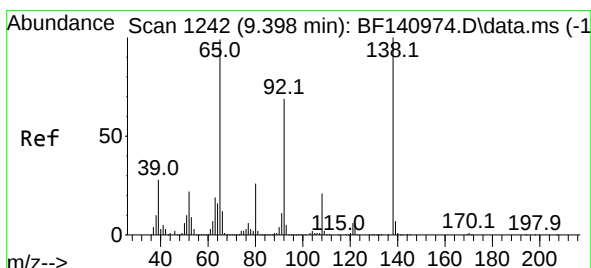
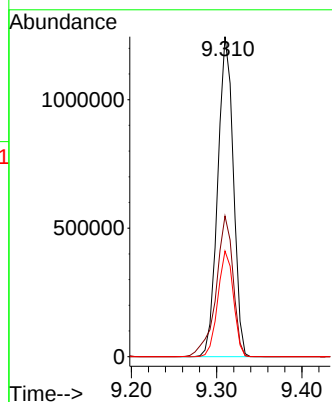
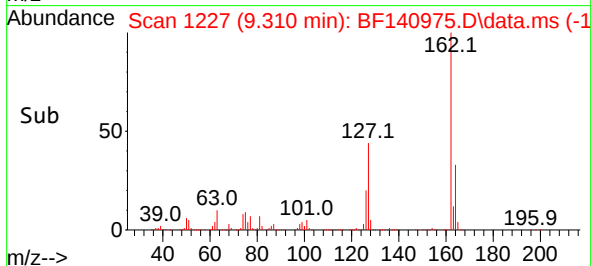
Tgt Ion:162 Resp: 158442
Ion Ratio Lower Upper
162 100
127 43.9 34.2 51.4
164 33.0 26.6 40.0

Manual Integrations

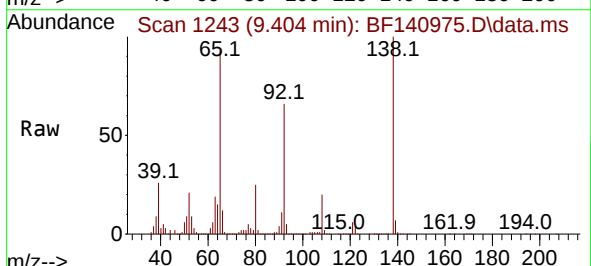
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

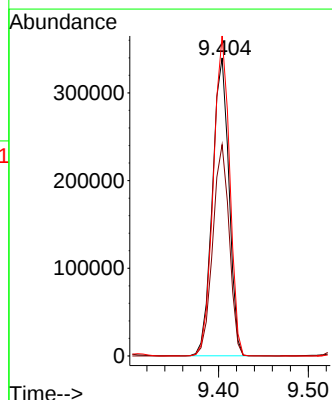
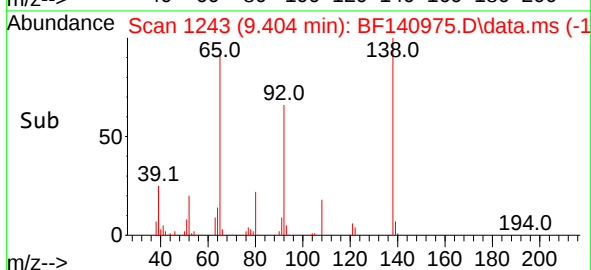
Supervised By :mohammad ahmed 12/27/2024

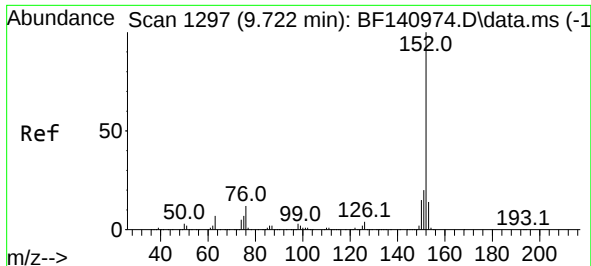


#48
2-Nitroaniline
Concen: 49.051 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion: 65 Resp: 434235
Ion Ratio Lower Upper
65 100
92 70.9 55.6 83.4
138 107.4 80.5 120.7





#49
Acenaphthylene
Concen: 47.341 ng
RT: 9.727 min Scan# 1297
Delta R.T. 0.005 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

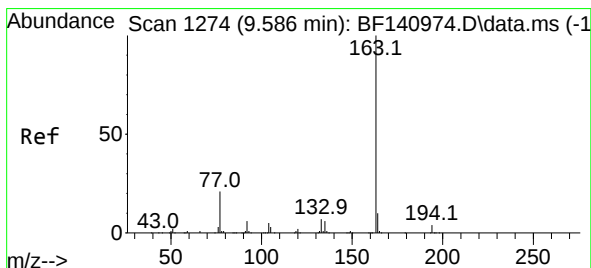
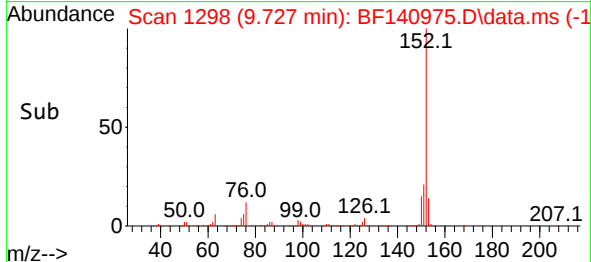
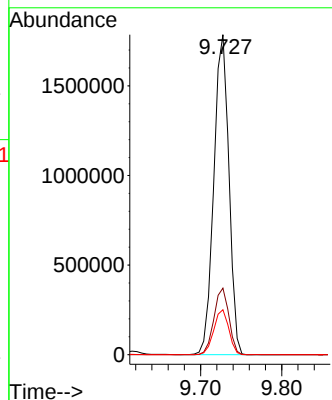
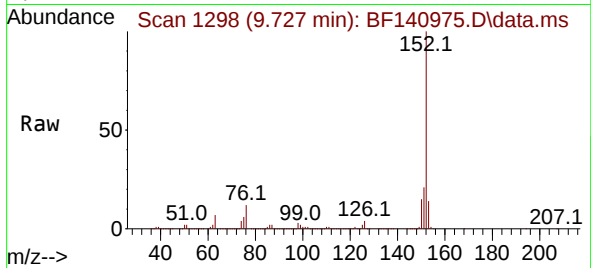
SSTDICC050

Tgt Ion:152 Resp: 2300924
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.0 11.4 17.0

Manual Integrations

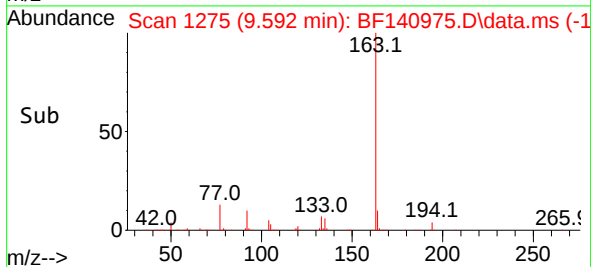
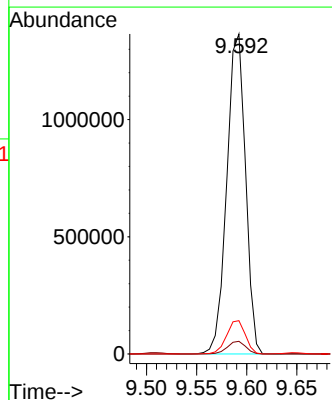
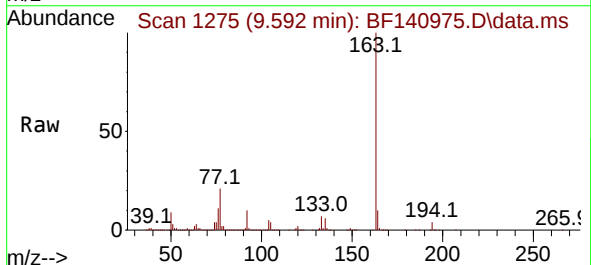
APPROVED

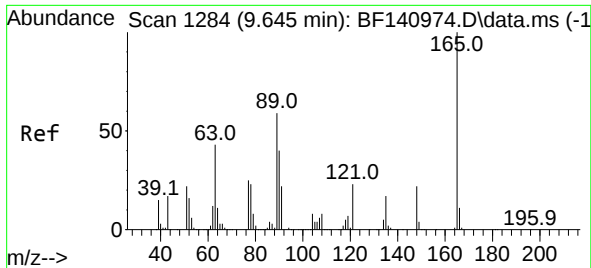
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#50
Dimethylphthalate
Concen: 47.363 ng
RT: 9.592 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:163 Resp: 1771217
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.3 12.5





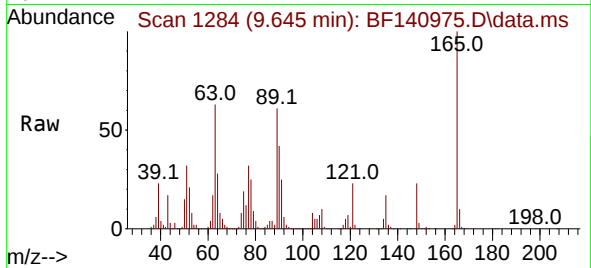
#51
2,6-Dinitrotoluene
Concen: 50.003 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



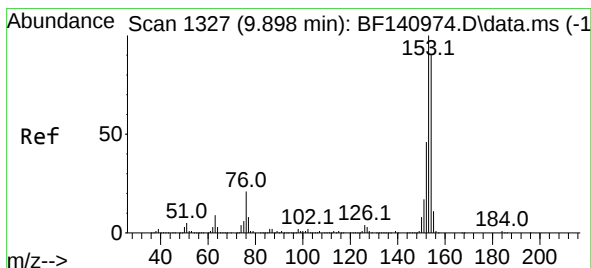
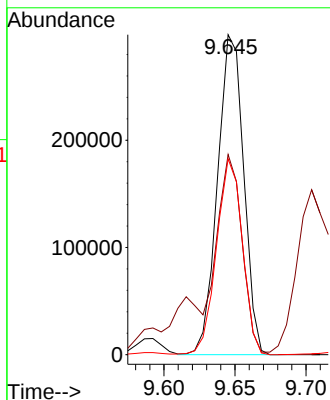
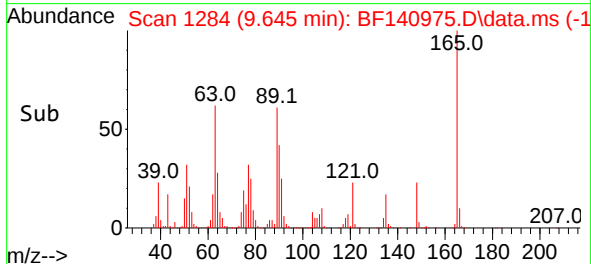
Tgt Ion:165 Resp: 382604
Ion Ratio Lower Upper
165 100
63 62.6 47.1 70.7
89 61.2 47.0 70.4

Manual Integrations

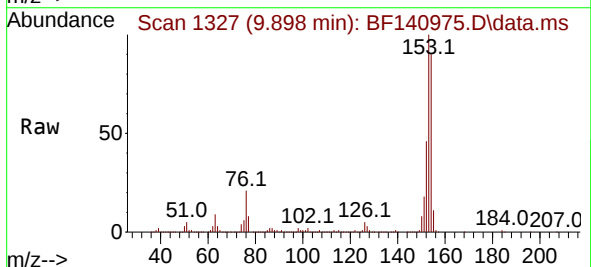
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

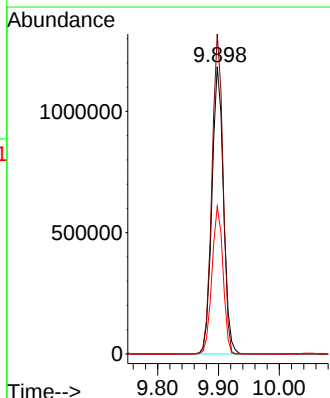
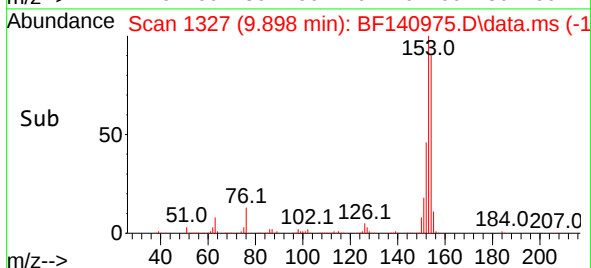
Supervised By :mohammad ahmed 12/27/2024

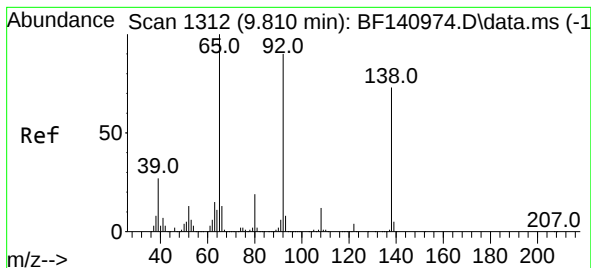


#52
Acenaphthene
Concen: 47.414 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:154 Resp: 1557911
Ion Ratio Lower Upper
154 100
153 111.4 89.2 133.8
152 51.4 40.9 61.3





#53

3-Nitroaniline

Concen: 49.386 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

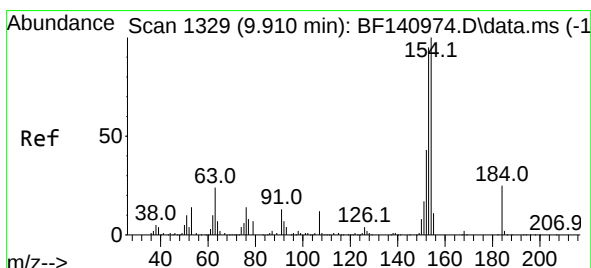
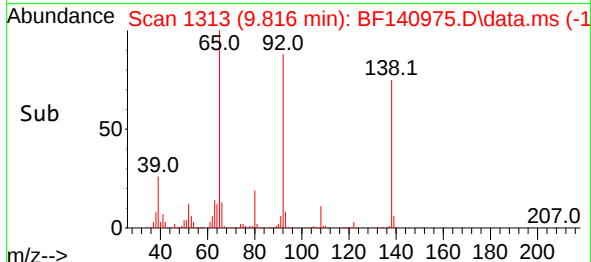
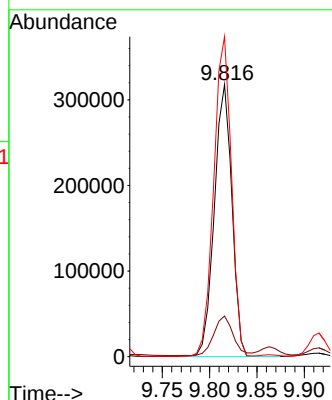
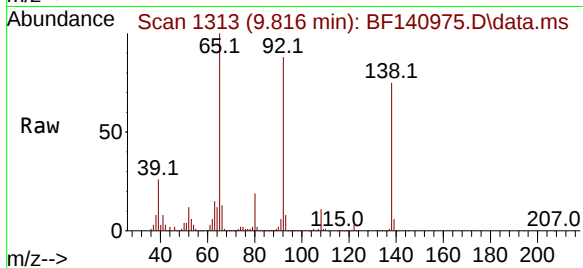
Tgt Ion:138 Resp: 410444
 Ion Ratio Lower Upper
 138 100
 108 14.9 13.5 20.3
 92 117.6 97.7 146.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#54

2,4-Dinitrophenol

Concen: 49.996 ng

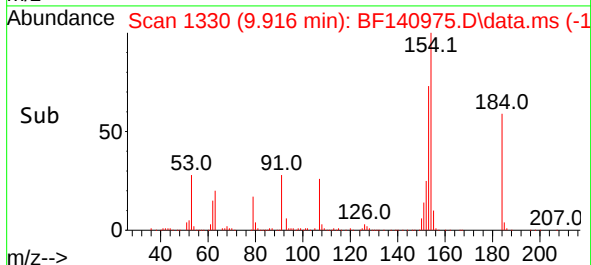
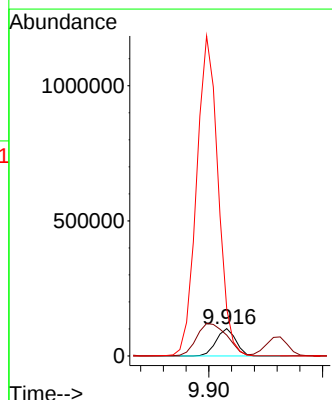
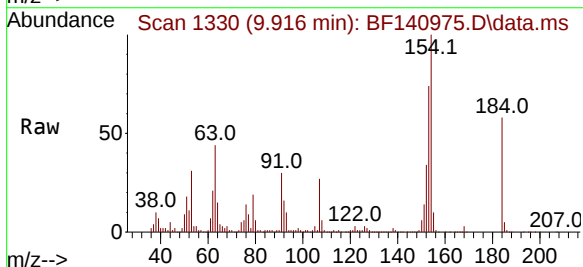
RT: 9.916 min Scan# 1330

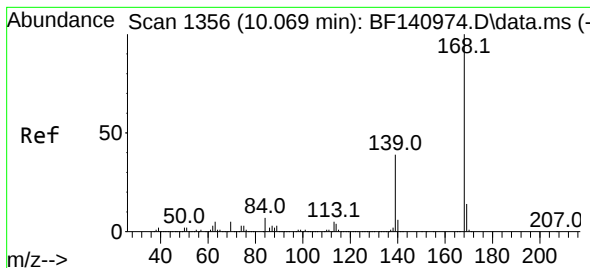
Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Tgt Ion:184 Resp: 121967
 Ion Ratio Lower Upper
 184 100
 63 76.0 81.6 122.4#
 154 171.1 363.5 545.3#





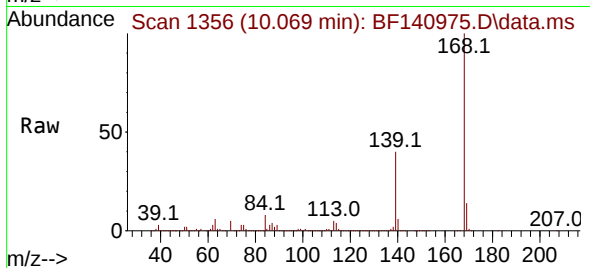
#55
Dibenzenofuran
Concen: 46.887 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

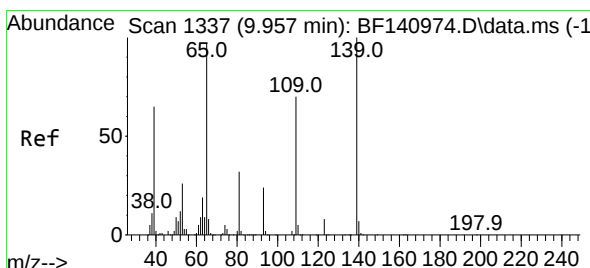
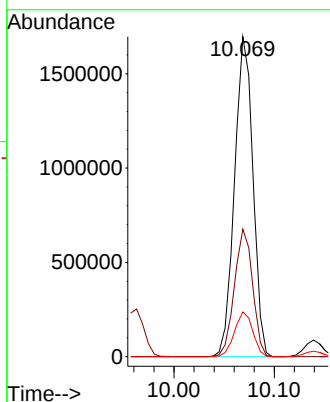
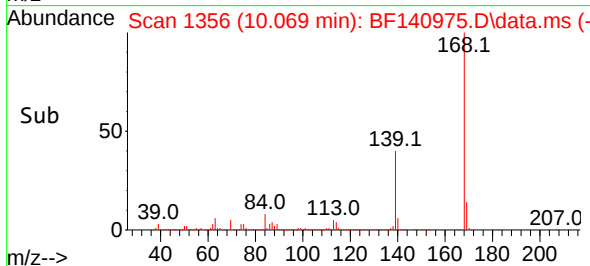


Tgt Ion:168 Resp: 2165079
Ion Ratio Lower Upper
168 100
139 39.8 31.6 47.4
169 14.0 11.0 16.6

Manual Integrations

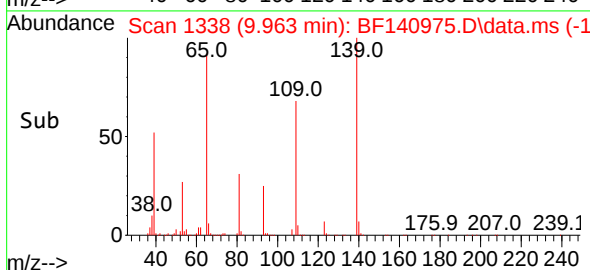
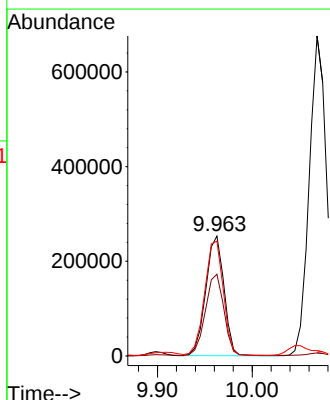
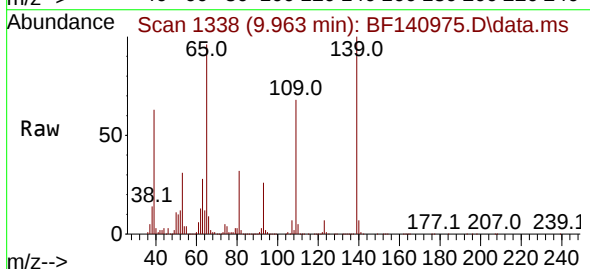
APPROVED

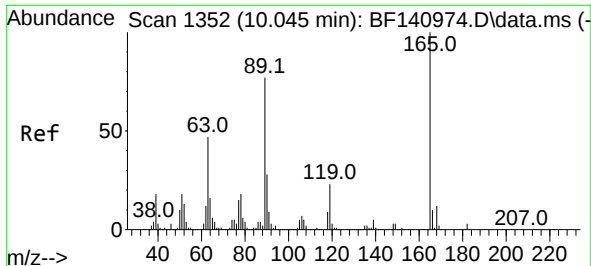
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#56
4-Nitrophenol
Concen: 52.728 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:139 Resp: 337300
Ion Ratio Lower Upper
139 100
109 68.3 50.8 90.8
65 95.9 78.5 118.5





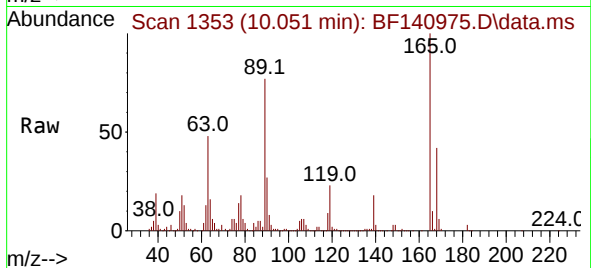
#57
2,4-Dinitrotoluene
Concen: 49.535 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

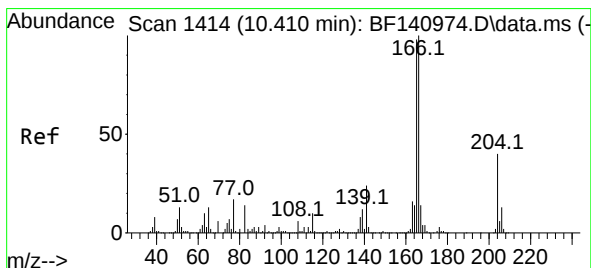
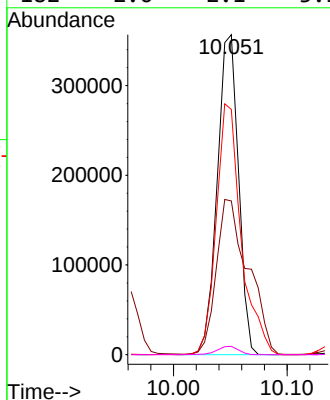
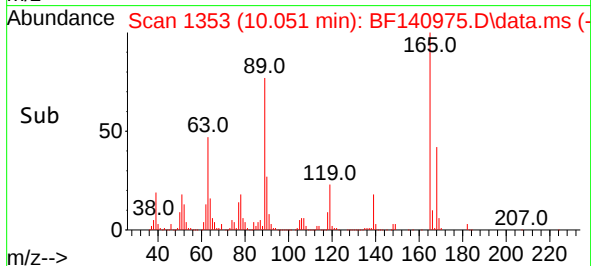
SSTDICC050



Tgt Ion:165 Resp: 463772
Ion Ratio Lower Upper
165 100
63 48.1 38.1 57.1
89 76.6 61.4 92.2
182 2.6 2.1 3.1

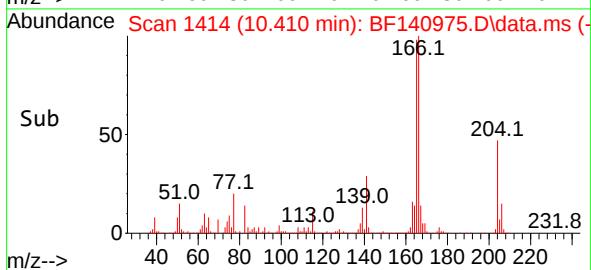
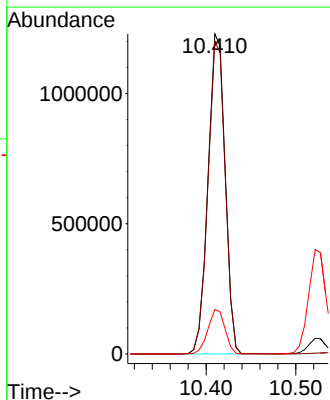
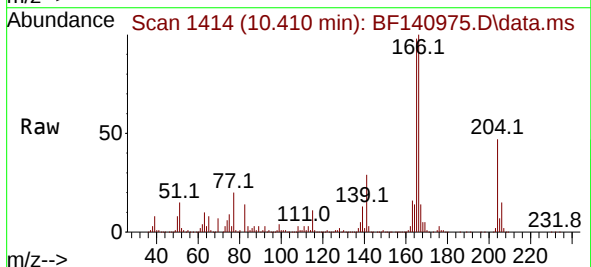
Manual Integrations
APPROVED

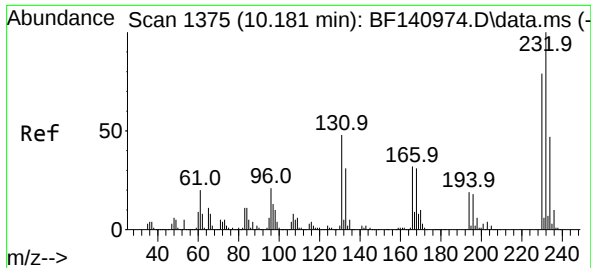
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#58
Fluorene
Concen: 45.492 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:166 Resp: 1628964
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.455 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

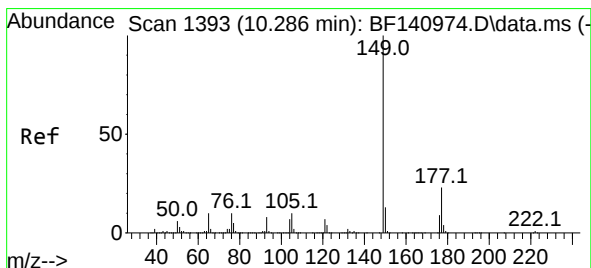
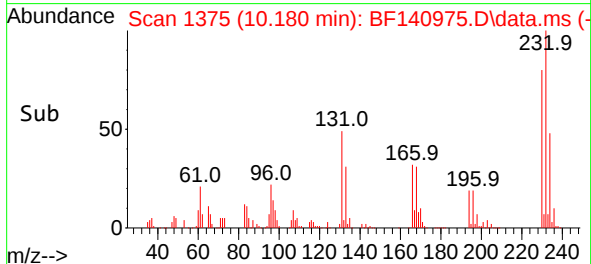
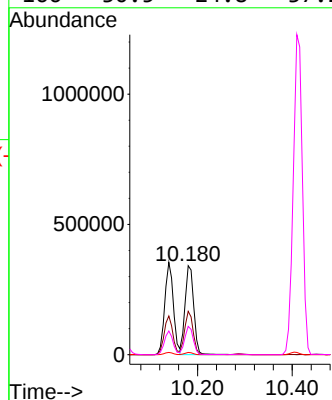
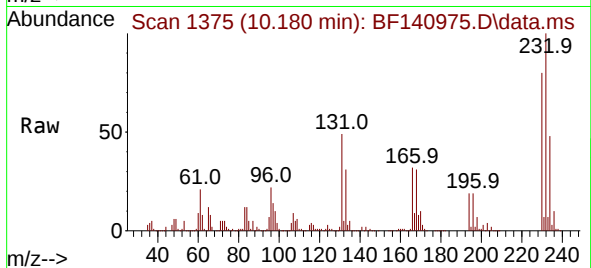
SSTDICC050

Tgt Ion:232 Resp: 436271
Ion Ratio Lower Upper
232 100
131 46.9 37.4 56.2
130 2.3 1.8 2.8
166 30.5 24.8 37.2

Manual Integrations

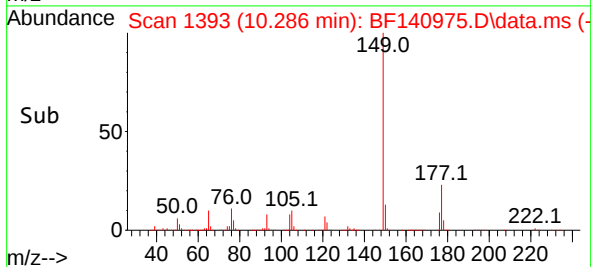
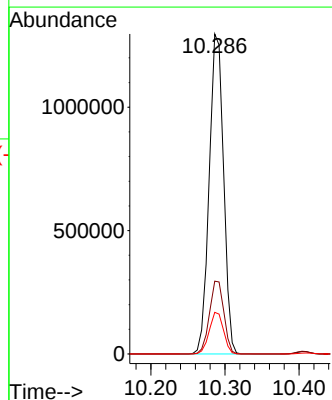
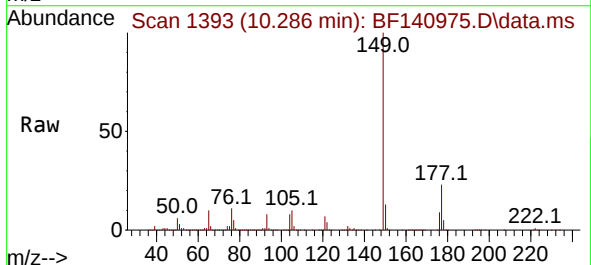
APPROVED

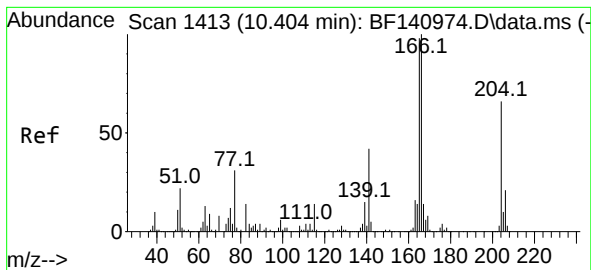
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#60
Diethylphthalate
Concen: 47.359 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:149 Resp: 1748454
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 13.0 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 46.203 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

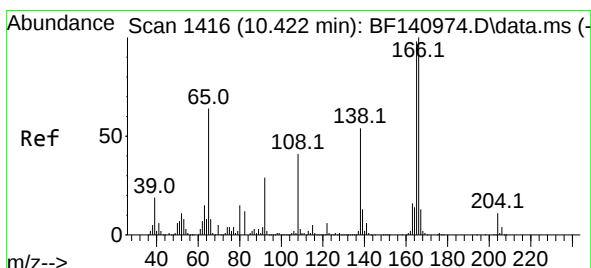
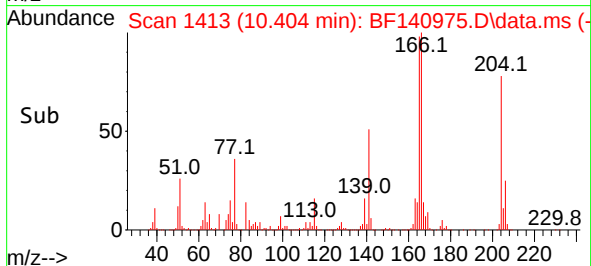
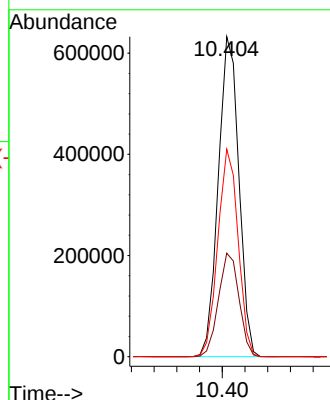
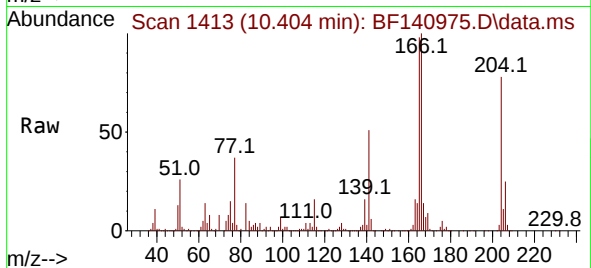
SSTDICC050

Tgt Ion:204 Resp: 796072
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 64.9 51.2 76.8

Manual Integrations

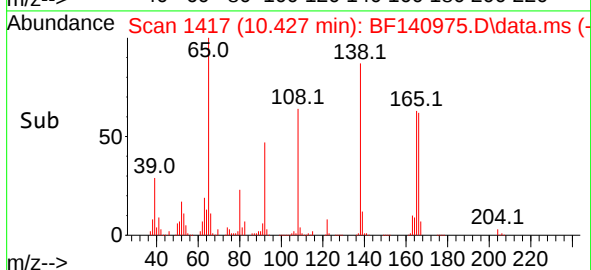
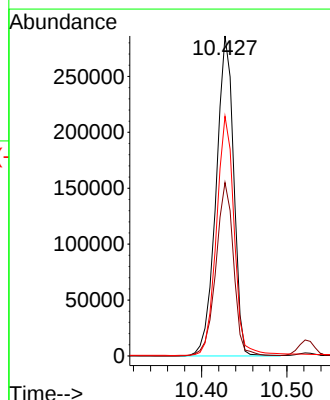
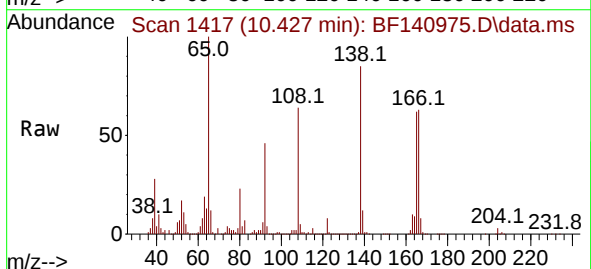
APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#62
4-Nitroaniline
Concen: 49.614 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:138 Resp: 412091
Ion Ratio Lower Upper
138 100
92 54.2 34.8 74.8
108 74.9 55.9 95.9





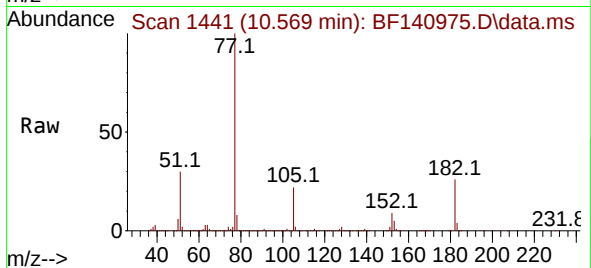
#63
Azobenzene
Concen: 47.507 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



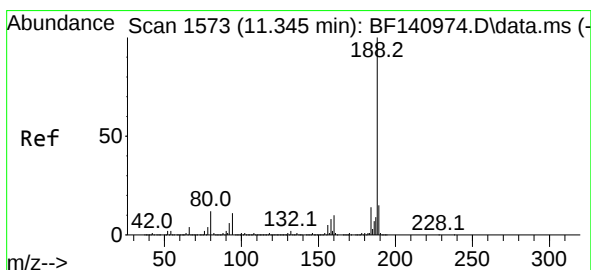
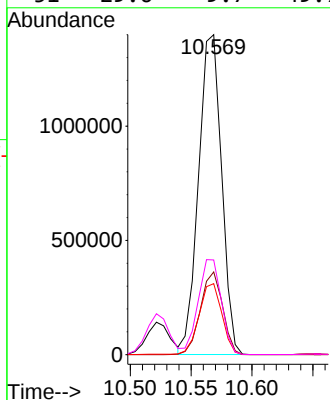
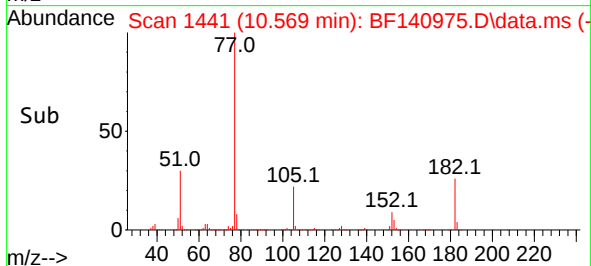
Tgt Ion: 77 Resp: 1840940
Ion Ratio Lower Upper
77 100
182 25.9 4.1 44.1
105 22.2 1.8 41.8
51 29.6 9.7 49.7

Manual Integrations

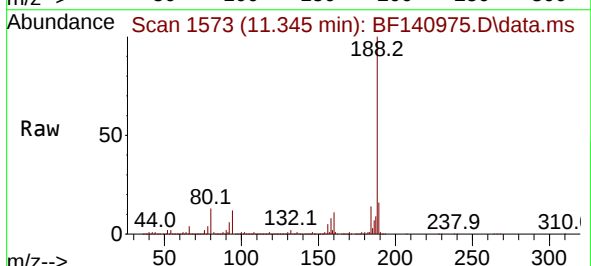
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

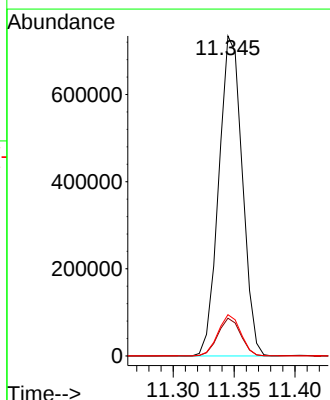
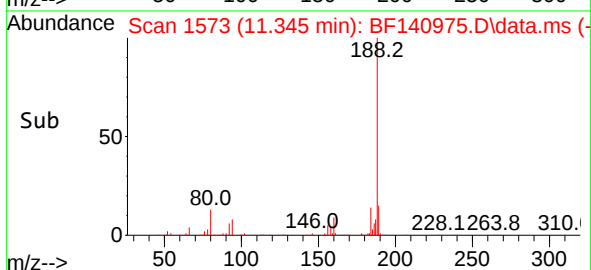
Supervised By :mohammad ahmed 12/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:188 Resp: 984477
Ion Ratio Lower Upper
188 100
94 11.8 9.0 13.6
80 12.9 9.8 14.6





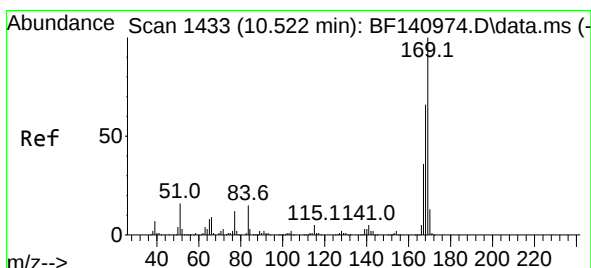
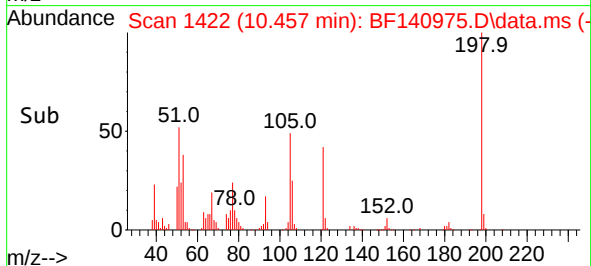
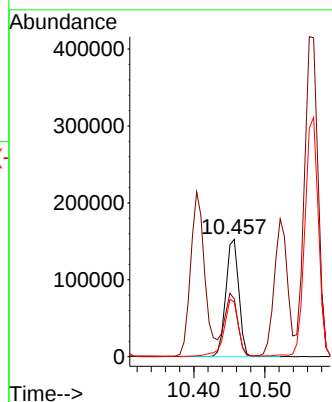
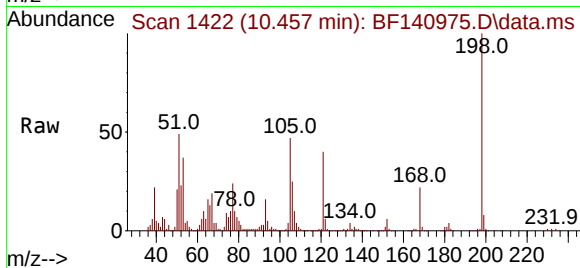
#65
4,6-Dinitro-2-methylphenol
Concen: 48.976 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 193168
Ion Ratio Lower Upper
198 100
51 49.3 32.3 72.3
105 46.8 28.4 68.4

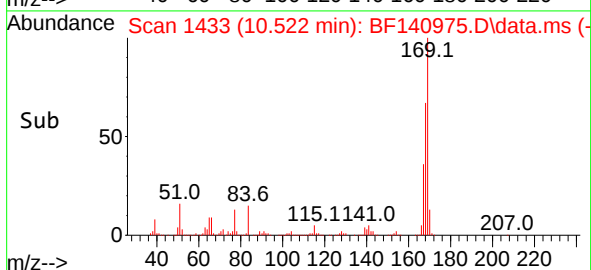
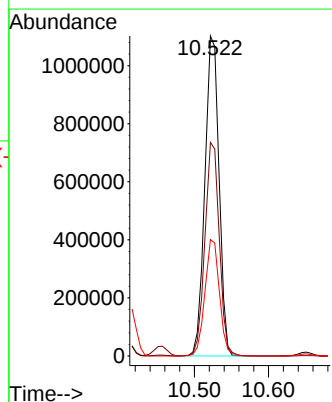
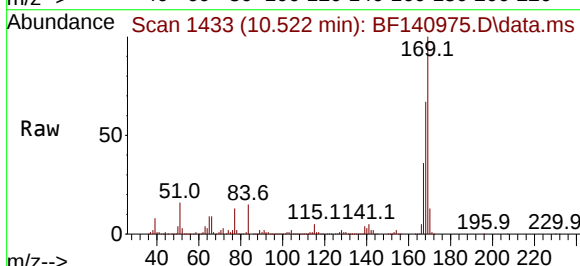
Manual Integrations
APPROVED

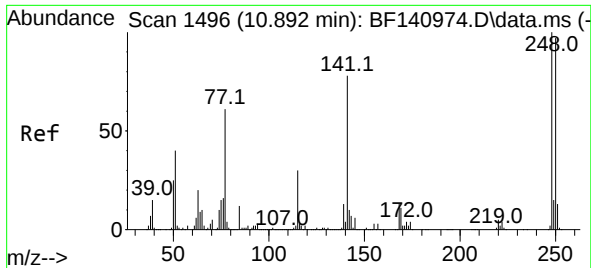
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#66
n-Nitrosodiphenylamine
Concen: 47.193 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:169 Resp: 1463039
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.4 29.0 43.4





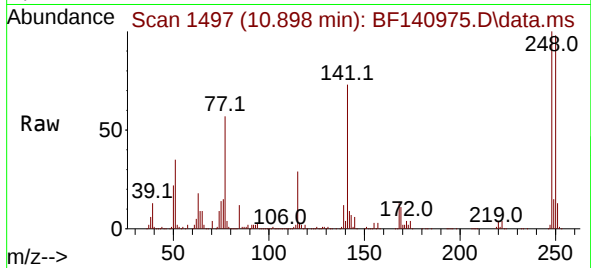
#67
4-Bromophenyl-phenylether
Concen: 48.981 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



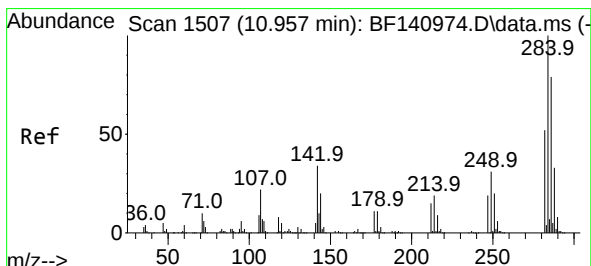
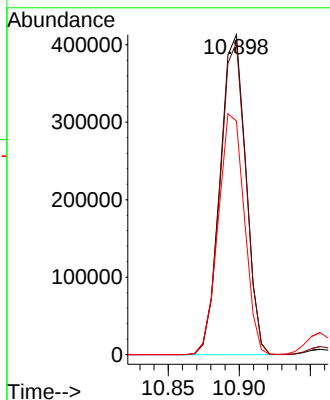
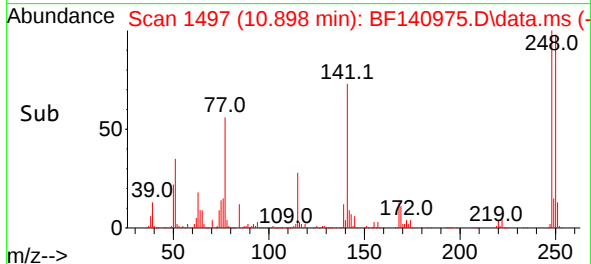
Tgt Ion:248 Resp: 521270
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 73.0 62.1 93.1

Manual Integrations

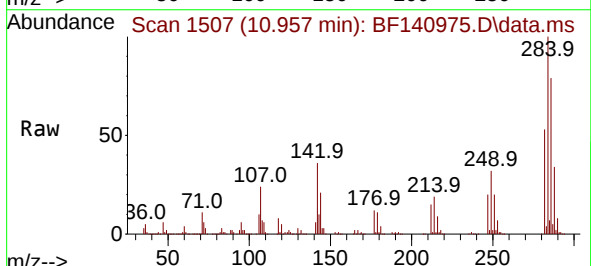
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

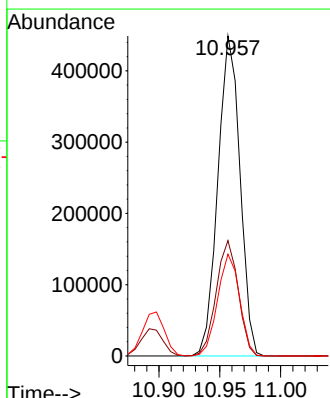
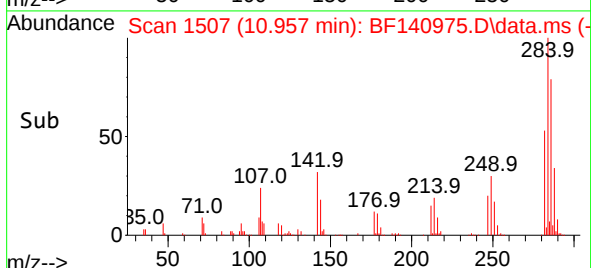
Supervised By :mohammad ahmed 12/27/2024

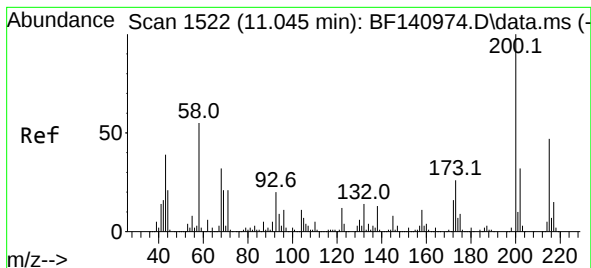


#68
Hexachlorobenzene
Concen: 48.368 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:284 Resp: 567592
Ion Ratio Lower Upper
284 100
142 36.0 27.1 40.7
249 31.8 25.1 37.7





#69

Atrazine

Concen: 41.889 ng

RT: 11.051 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 362780

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

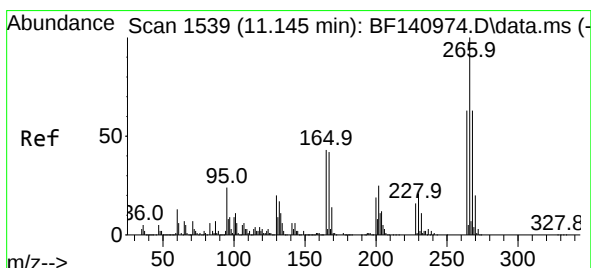
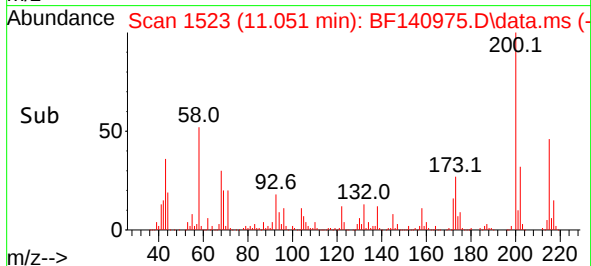
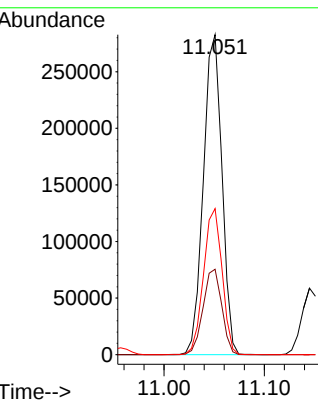
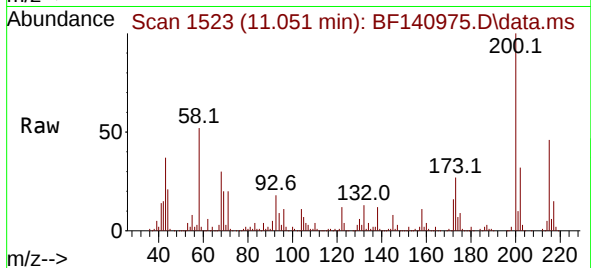
215 45.6 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#70

Pentachlorophenol

Concen: 52.476 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

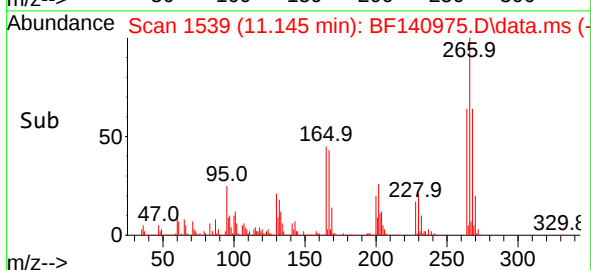
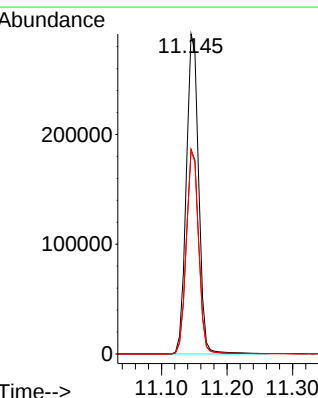
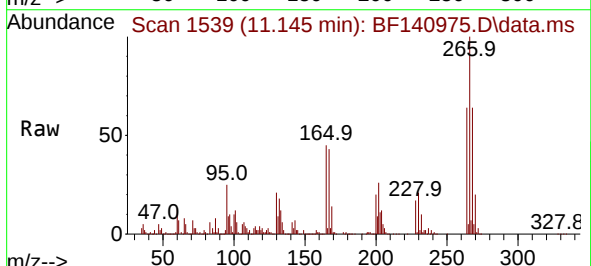
Tgt Ion:266 Resp: 383398

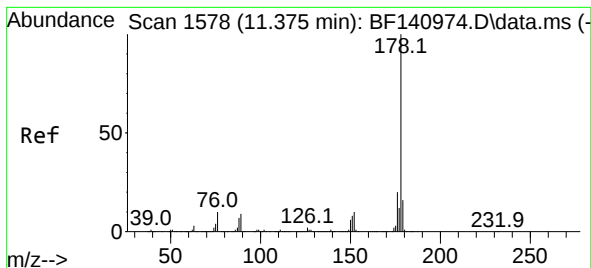
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.6 50.2 75.4





#71

Phenanthrene

Concen: 46.658 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 241755

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

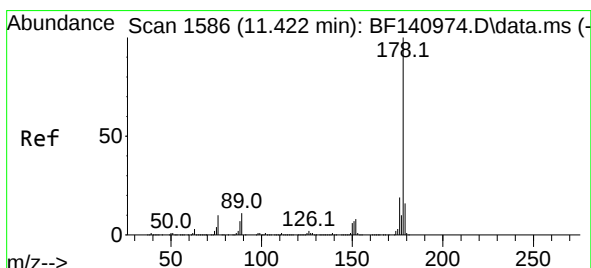
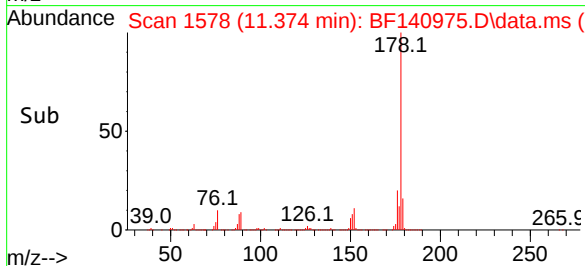
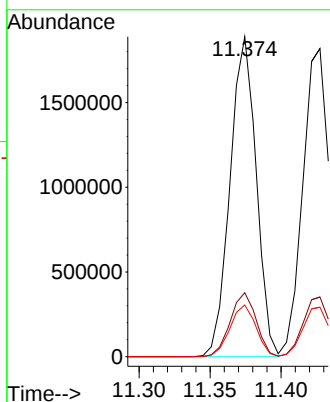
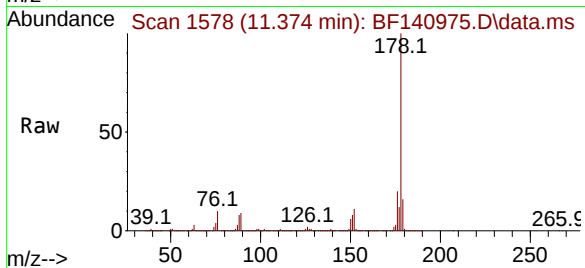
179 16.2 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#72

Anthracene

Concen: 46.682 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

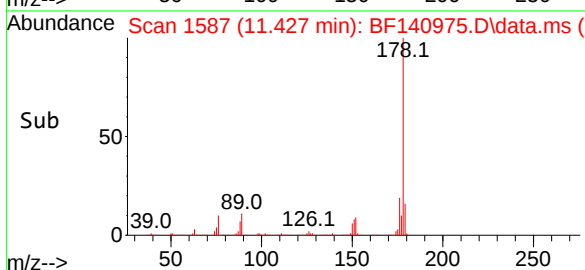
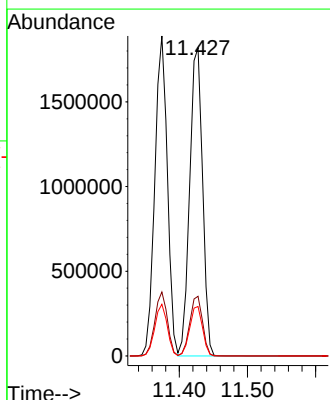
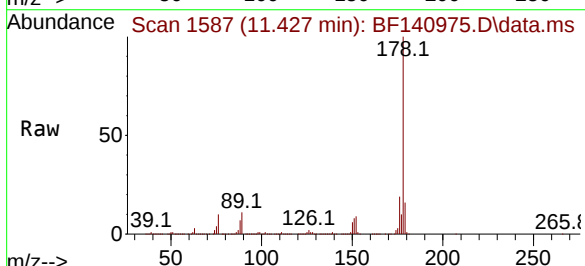
Tgt Ion:178 Resp: 2370103

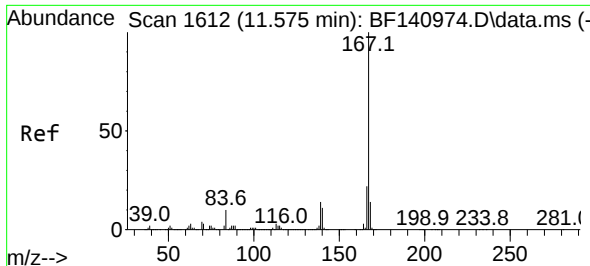
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 16.0 12.9 19.3





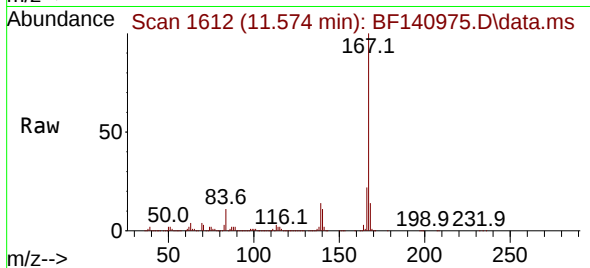
#73
 Carbazole
 Concen: 46.552 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF140975.D
 Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



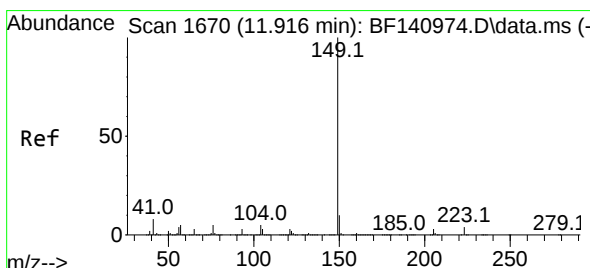
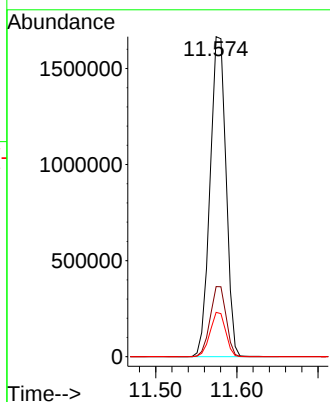
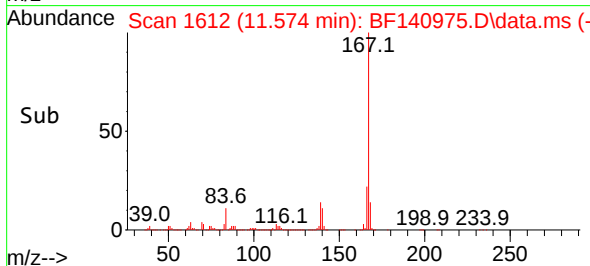
Tgt Ion:167 Resp: 2272070
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.8 11.0 16.4

Manual Integrations

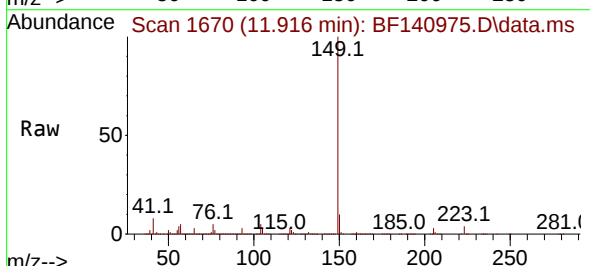
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

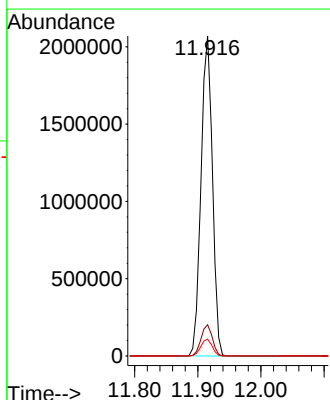
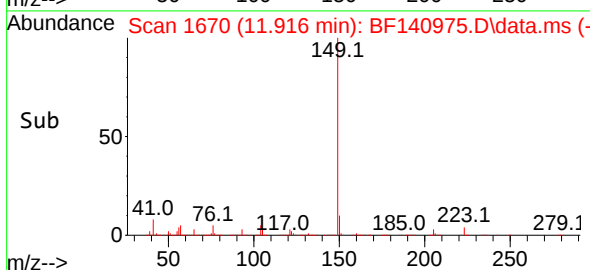
Supervised By :mohammad ahmed 12/27/2024

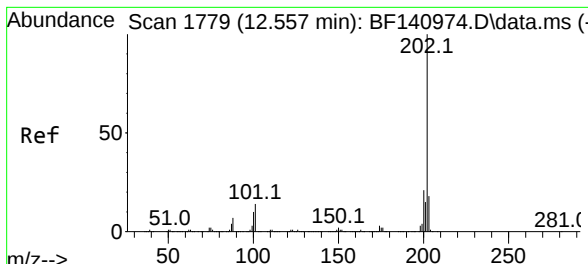


#74
 Di-n-butylphthalate
 Concen: 46.746 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF140975.D
 Acq: 26 Dec 2024 18:33



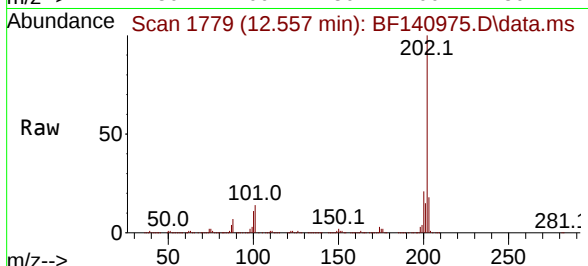
Tgt Ion:149 Resp: 2595020
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.3 4.1 6.1





#75
 Fluoranthene
 Concen: 45.972 ng
 RT: 12.557 min Scan# 1779
 Delta R.T. -0.000 min
 Lab File: BF140975.D
 Acq: 26 Dec 2024 18:33

Instrument : BNA_F
 ClientSampleId : SSTDICC050

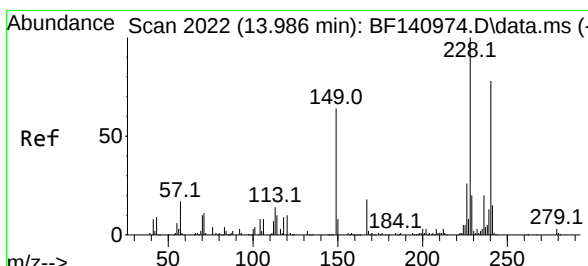
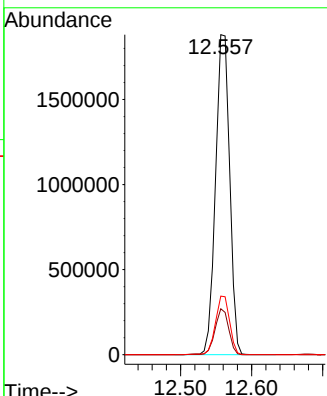
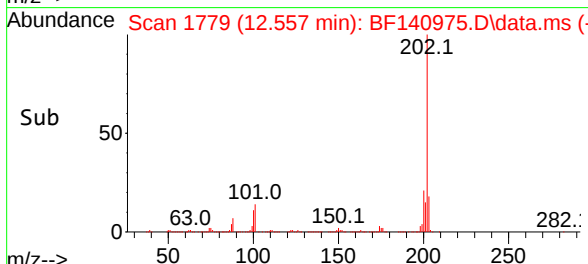


Tgt Ion: 202 Resp: 2583438

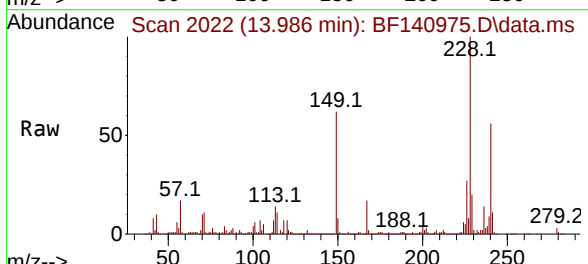
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.7
203	18.3	0.0	38.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

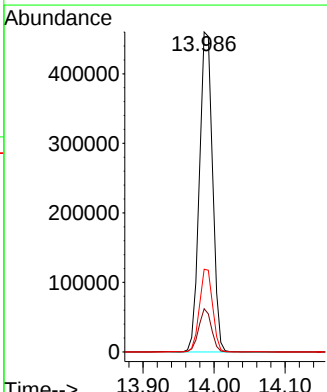
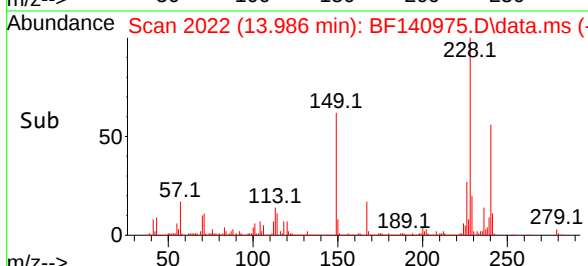


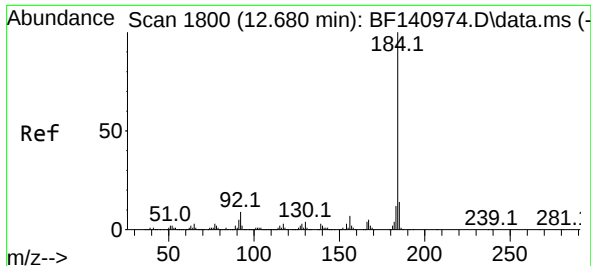
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.986 min Scan# 2022
 Delta R.T. -0.000 min
 Lab File: BF140975.D
 Acq: 26 Dec 2024 18:33



Tgt Ion: 240 Resp: 594739

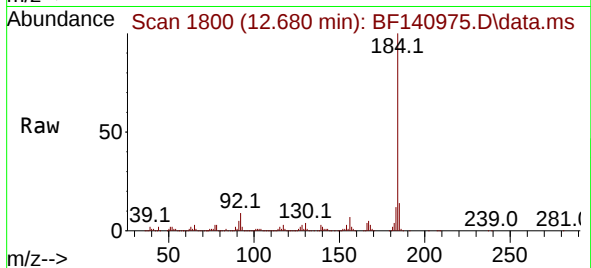
Ion	Ratio	Lower	Upper
240	100		
120	13.5	10.7	16.1
236	25.8	20.6	31.0





#77
Benzidine
Concen: 51.801 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

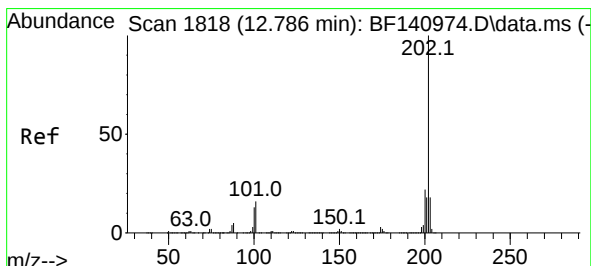
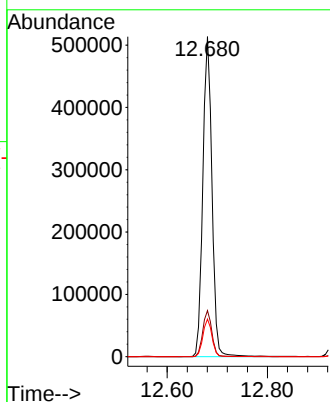
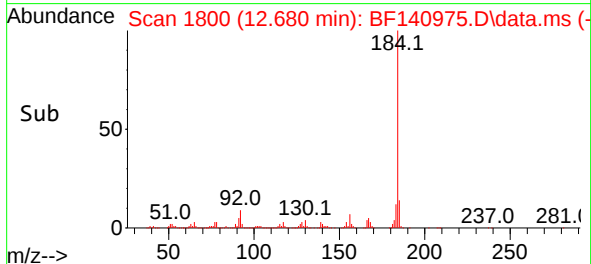
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



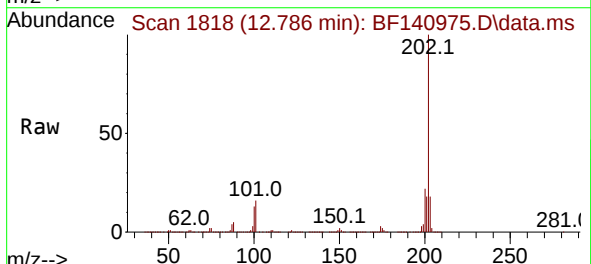
Tgt Ion:184 Resp: 65109
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.8 9.4 14.0

Manual Integrations
APPROVED

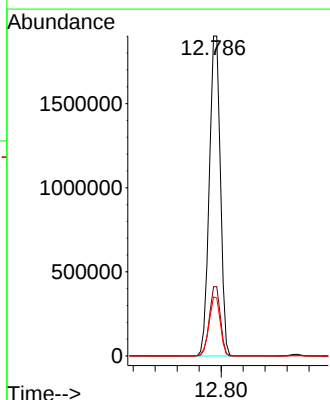
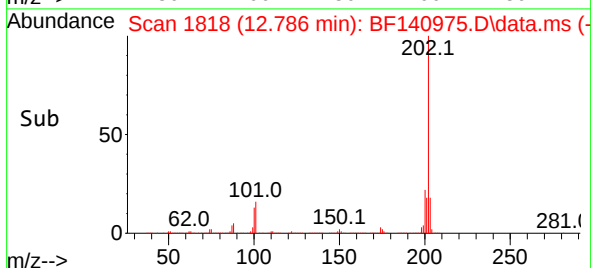
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

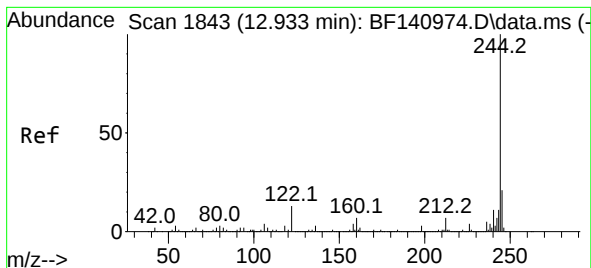


#78
Pyrene
Concen: 50.973 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:202 Resp: 2651339
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.5 14.6 21.8





#79

Terphenyl-d14

Concen: 99.194 ng

RT: 12.939 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 3551774

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

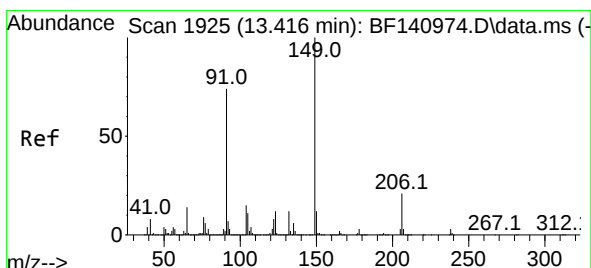
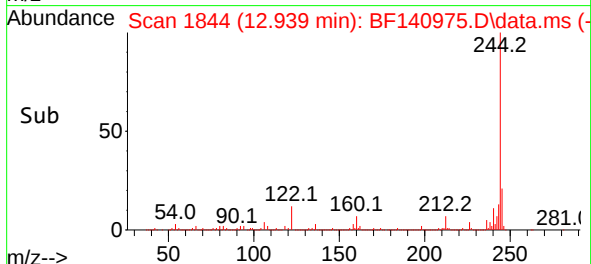
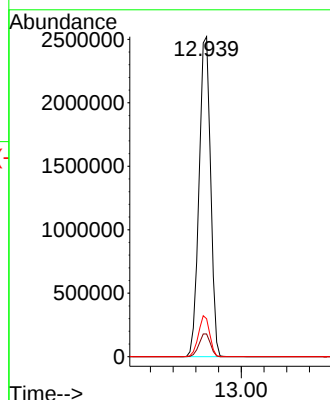
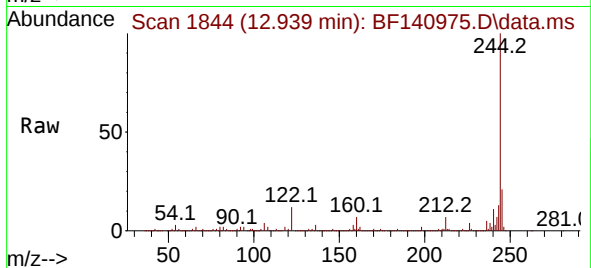
122 11.9 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#80

Butylbenzylphthalate

Concen: 53.519 ng

RT: 13.415 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

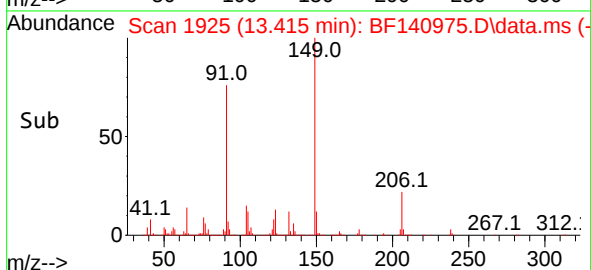
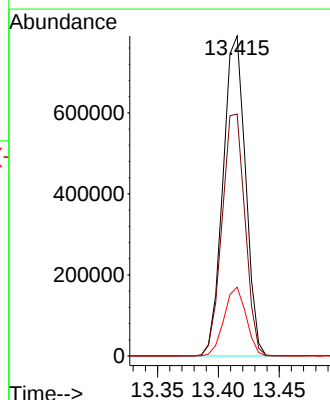
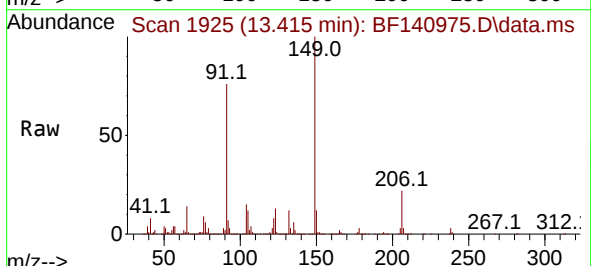
Tgt Ion:149 Resp: 1016502

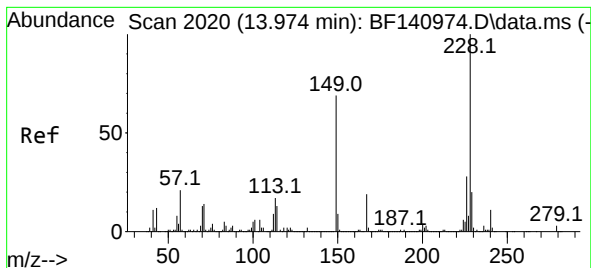
Ion Ratio Lower Upper

149 100

91 75.6 59.5 89.3

206 21.5 17.1 25.7





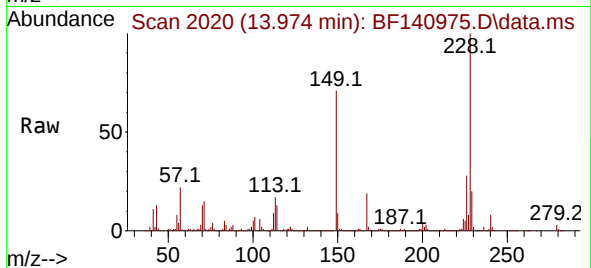
#81
Benzo(a)anthracene
Concen: 48.052 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



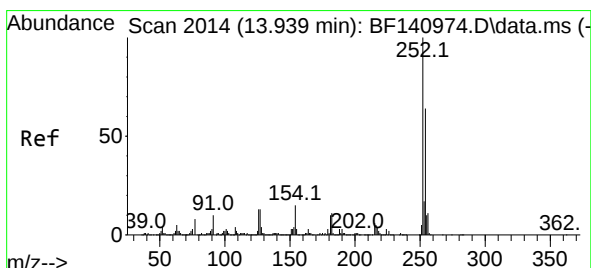
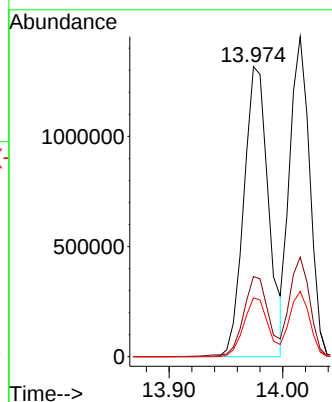
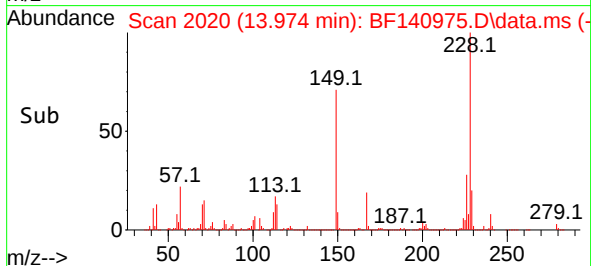
Tgt Ion:228 Resp: 1991732
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.3 16.2 24.2

Manual Integrations

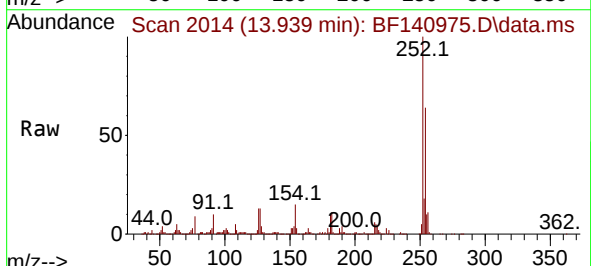
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

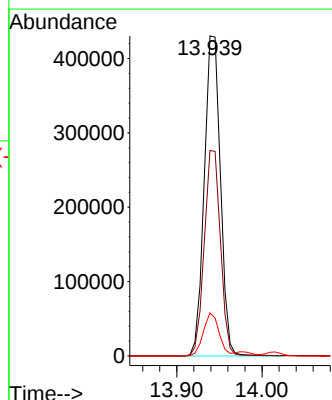
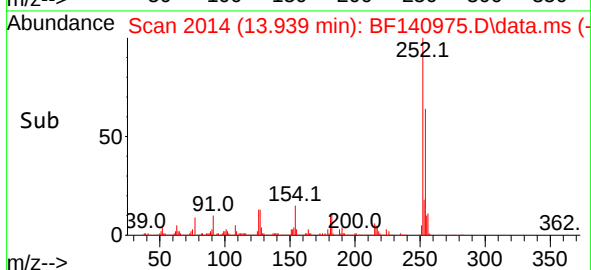
Supervised By :mohammad ahmed 12/27/2024

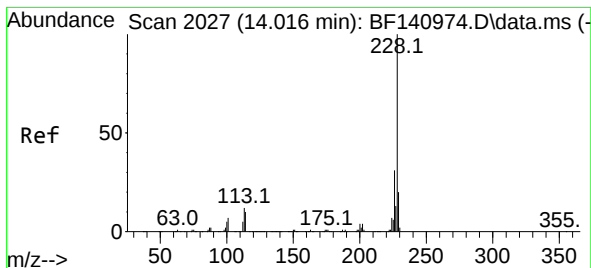


#82
3,3'-Dichlorobenzidine
Concen: 45.655 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:252 Resp: 568561
Ion Ratio Lower Upper
252 100
254 64.2 51.5 77.3
126 13.4 10.3 15.5





#83

Chrysene

Concen: 47.501 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 177490

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

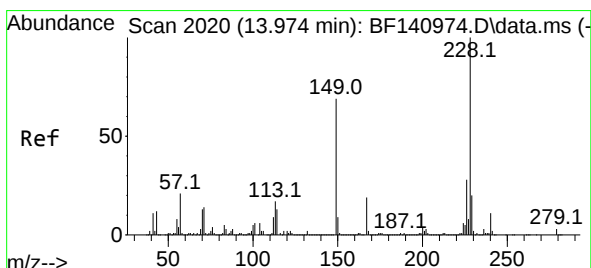
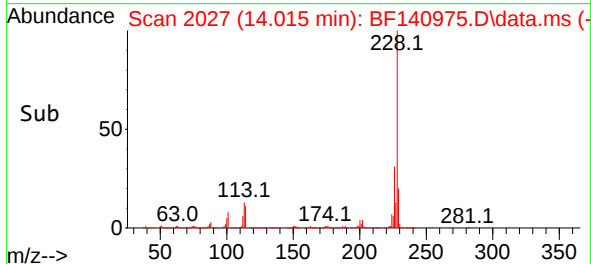
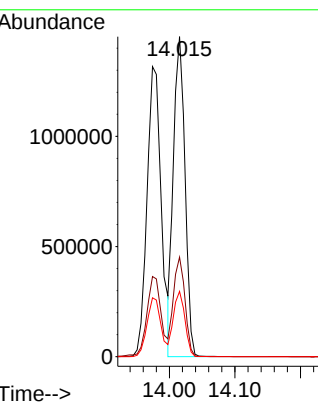
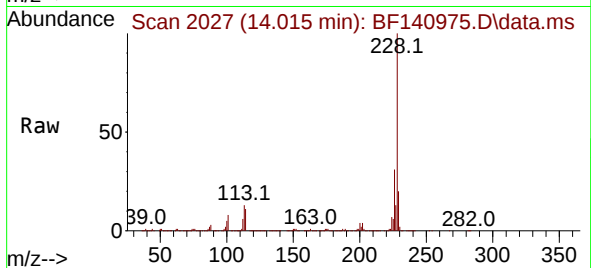
229 20.4 16.2 24.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.929 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

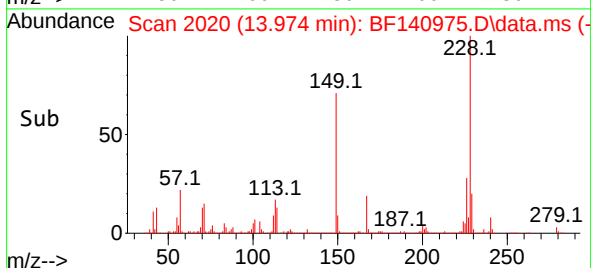
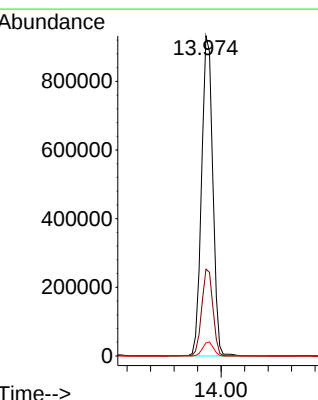
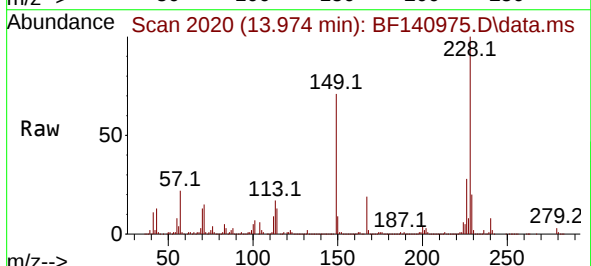
Tgt Ion:149 Resp: 1230112

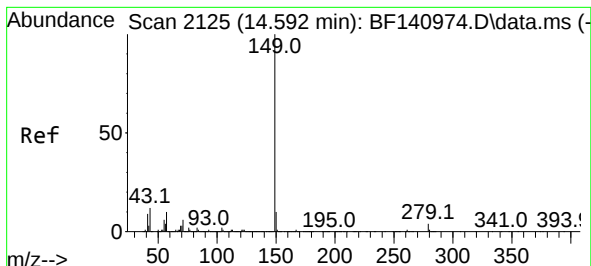
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

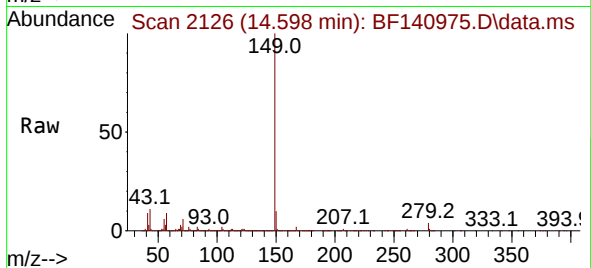
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.803 ng
RT: 14.598 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

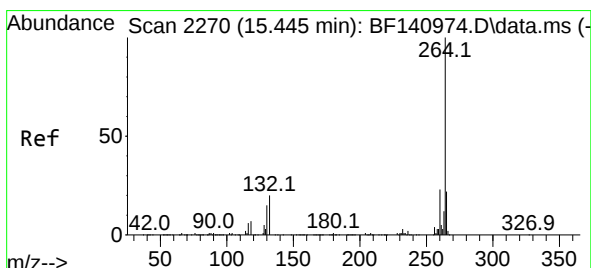
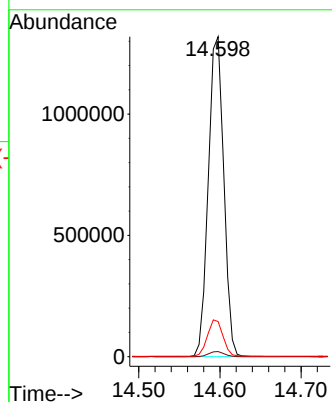
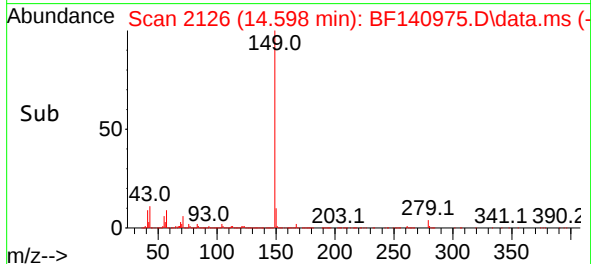
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 1740215
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.4 9.3 13.9

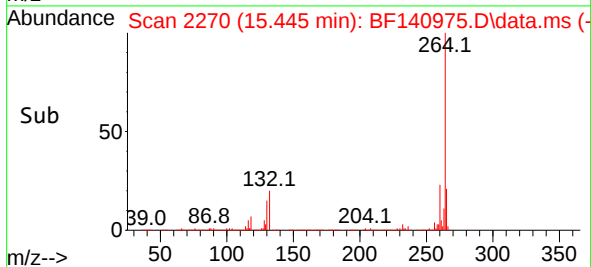
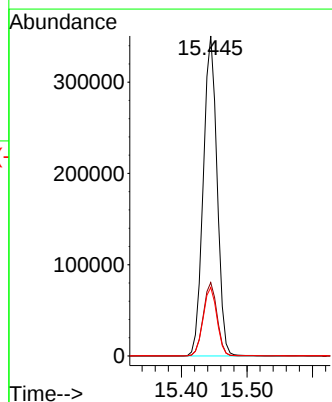
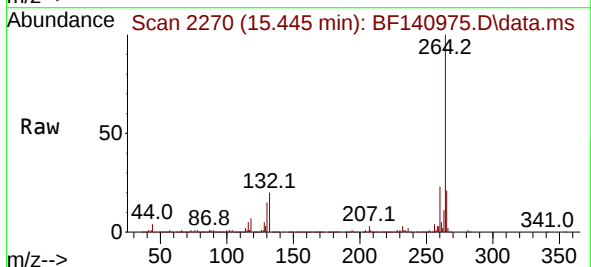
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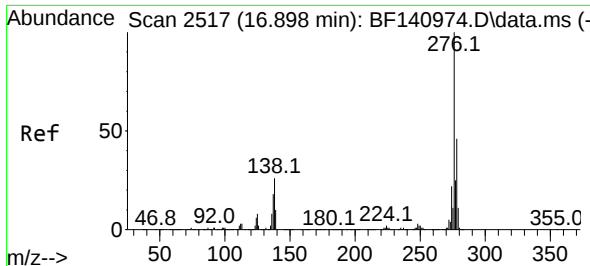
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:264 Resp: 515270
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.4 17.4 26.2





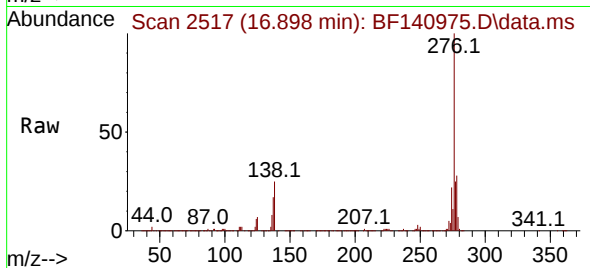
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.447 ng
 RT: 16.898 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: BF140975.D
 Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

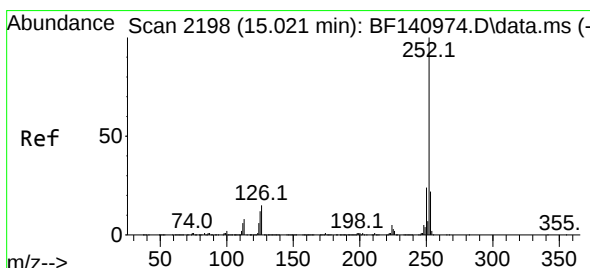
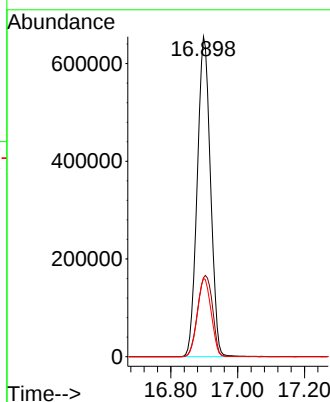
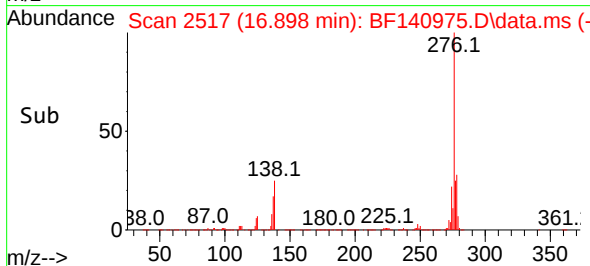


Tgt Ion:276 Resp: 1799974
 Ion Ratio Lower Upper
 276 100
 138 28.6 23.1 34.7
 277 25.5 20.4 30.6

Manual Integrations

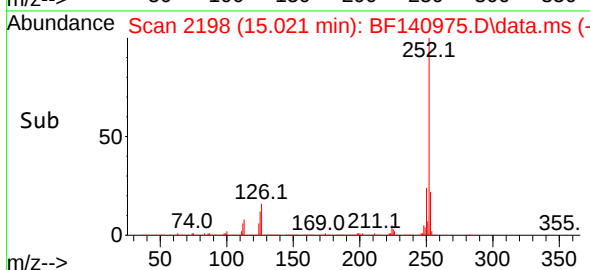
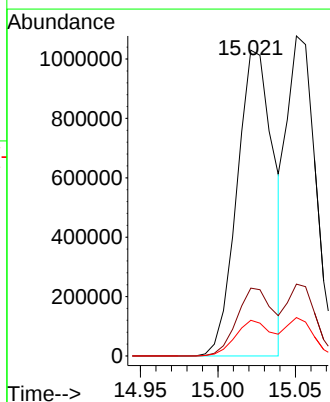
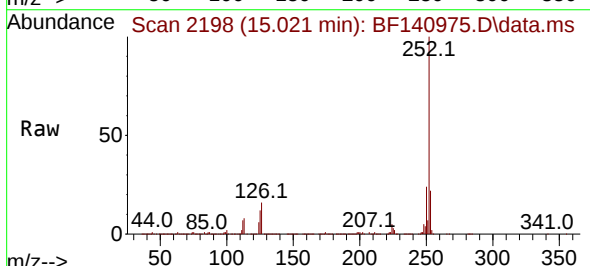
APPROVED

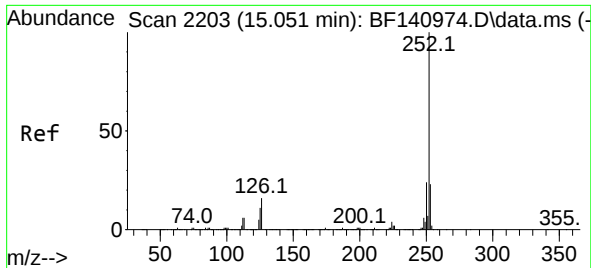
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024



#88
 Benzo(b)fluoranthene
 Concen: 46.828 ng
 RT: 15.021 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF140975.D
 Acq: 26 Dec 2024 18:33

Tgt Ion:252 Resp: 1682869
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 11.7 9.3 13.9





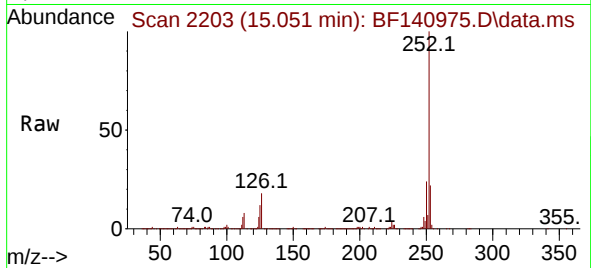
#89
Benzo(k)fluoranthene
Concen: 49.069 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



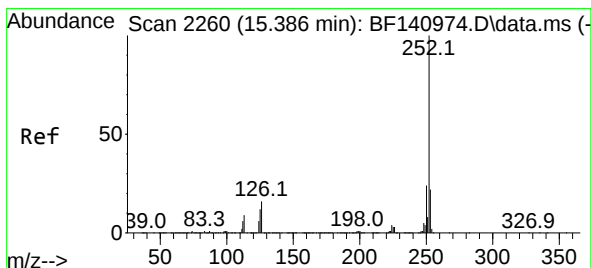
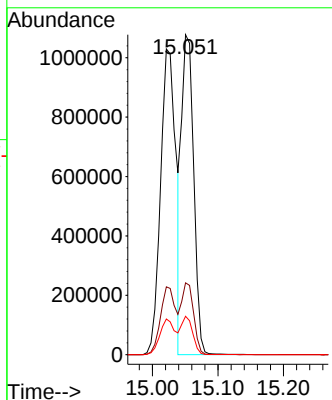
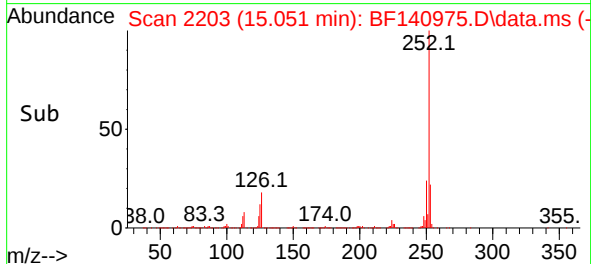
Tgt Ion:252 Resp: 1382080
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 12.0 9.4 14.0

Manual Integrations

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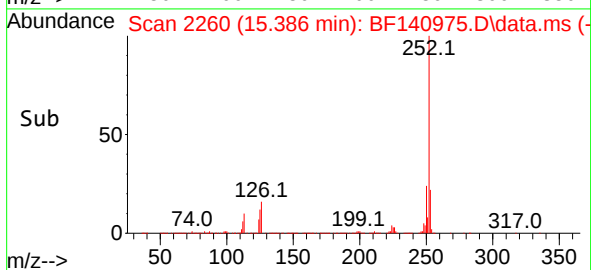
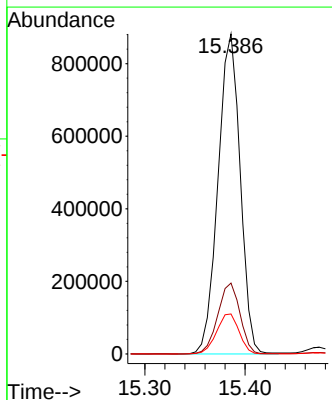
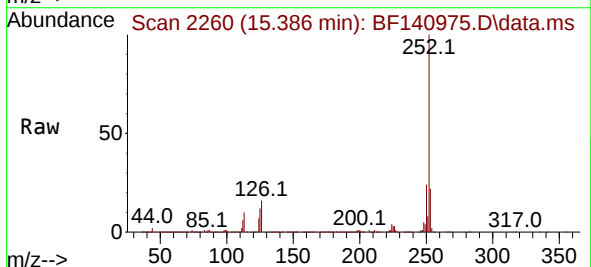
Reviewed By :Yogesh Patel 12/27/2024

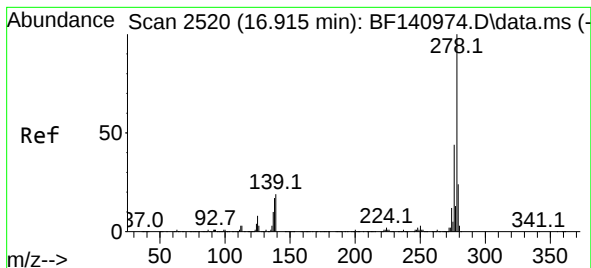
Supervised By :mohammad ahmed 12/27/2024



#90
Benzo(a)pyrene
Concen: 48.370 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:252 Resp: 1349208
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.5 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 55.158 ng
RT: 16.921 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

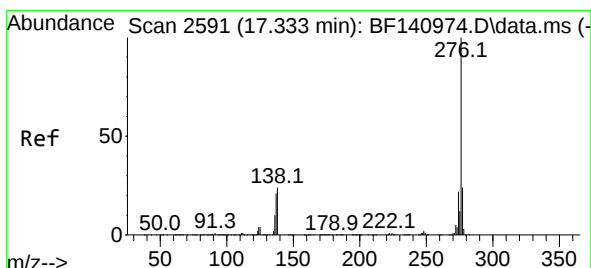
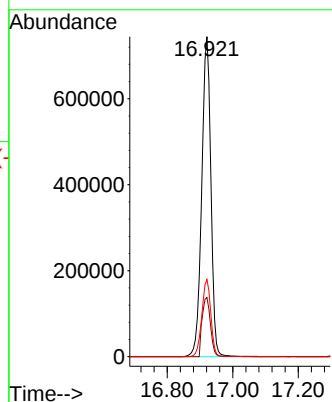
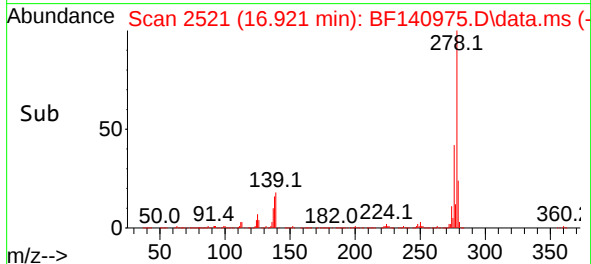
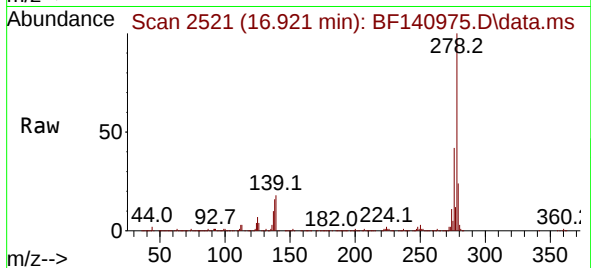
SSTDICC050

Tgt Ion:278 Resp: 145147
Ion Ratio Lower Upper
278 100
139 18.5 14.9 22.3
279 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#92
Benzo(g,h,i)perylene
Concen: 56.337 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:276 Resp: 1537634
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 24.6 19.4 29.2

