

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
 Data File : BF141797.D
 Acq On : 27 Feb 2025 17:16
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 28 01:25:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:19:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	288066	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1155717	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	625246	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1031875	20.000	ng	0.00
76) Chrysene-d12	14.051	240	629307	20.000	ng	0.00
86) Perylene-d12	15.521	264	567240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1481716	82.144	ng	0.00
7) Phenol-d6	6.510	99	1940706	82.660	ng	0.00
23) Nitrobenzene-d5	7.451	82	1577764	87.263	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	498702	84.959	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3094072	79.348	ng	0.00
79) Terphenyl-d14	12.998	244	3170442	81.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	343299	41.944	ng	100
3) Pyridine	3.452	79	850494	41.764	ng	100
4) n-Nitrosodimethylamine	3.405	42	420465	42.911	ng	100
6) Aniline	6.557	93	1042452	42.941	ng	100
8) 2-Chlorophenol	6.675	128	813316	41.681	ng	100
9) Benzaldehyde	6.440	77	565698	41.423	ng	100
10) Phenol	6.522	94	1048185	41.904	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	771641	40.349	ng	100
12) 1,3-Dichlorobenzene	6.834	146	866494	41.465	ng	100
13) 1,4-Dichlorobenzene	6.910	146	871351	41.384	ng	100
14) 1,2-Dichlorobenzene	7.063	146	807407	41.065	ng	100
15) Benzyl Alcohol	7.028	79	787264	41.957	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1197610	41.236	ng	100
17) 2-Methylphenol	7.134	107	670597	41.635	ng	100
18) Hexachloroethane	7.404	117	332747	42.223	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	626390	40.586	ng	100
20) 3+4-Methylphenols	7.287	107	830533	41.411	ng	100
22) Acetophenone	7.298	105	1147737	40.776	ng	100
24) Nitrobenzene	7.475	77	839887	43.379	ng	100
25) Isophorone	7.710	82	1575854	40.569	ng	100
26) 2-Nitrophenol	7.787	139	332584	39.357	ng	100
27) 2,4-Dimethylphenol	7.816	122	588158	41.191	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	1006606	40.624	ng	100
29) 2,4-Dichlorophenol	8.022	162	688860	41.819	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	737573	40.863	ng	100
31) Naphthalene	8.193	128	2410915	40.588	ng	100
32) Benzoic acid	7.934	122	442477	38.870	ng	100
33) 4-Chloroaniline	8.240	127	877082	40.271	ng	100
34) Hexachlorobutadiene	8.310	225	459338	40.952	ng	100
35) Caprolactam	8.610	113	211331m	41.695	ng	
36) 4-Chloro-3-methylphenol	8.710	107	752961	41.148	ng	100
37) 2-Methylnaphthalene	8.881	142	1565422	40.179	ng	100
38) 1-Methylnaphthalene	8.981	142	1506039	40.286	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	736508	40.786	ng	100
41) Hexachlorocyclopentadiene	9.040	237	323162	42.882	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	497182	42.623	ng	100

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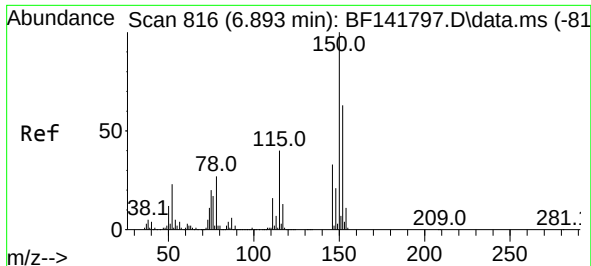
Quant Time: Feb 28 01:25:43 2025
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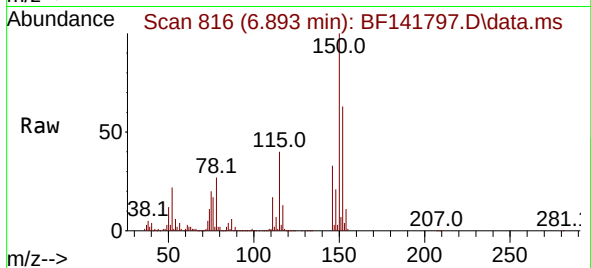
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	478749	41.448	ng	100
46) 1,1'-Biphenyl	9.351	154	1899694	39.917	ng	100
47) 2-Chloronaphthalene	9.375	162	1419149	40.402	ng	100
48) 2-Nitroaniline	9.463	65	375120	39.827	ng	100
49) Acenaphthylene	9.792	152	2139722	40.629	ng	100
50) Dimethylphthalate	9.651	163	1704601	40.710	ng	100
51) 2,6-Dinitrotoluene	9.710	165	321129	40.557	ng	100
52) Acenaphthene	9.963	154	1437821	40.461	ng	100
53) 3-Nitroaniline	9.875	138	346294	41.045	ng	100
54) 2,4-Dinitrophenol	9.975	184	115933	39.874	ng	100
55) Dibenzofuran	10.134	168	2079139	40.198	ng	100
56) 4-Nitrophenol	10.022	139	285537	46.172	ng	100
57) 2,4-Dinitrotoluene	10.110	165	391858	40.635	ng	100
58) Fluorene	10.475	166	1536139	39.650	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	424277	42.235	ng	100
60) Diethylphthalate	10.351	149	1729522	41.203	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	775274	39.939	ng	100
62) 4-Nitroaniline	10.492	138	333830	46.685	ng	100
63) Azobenzene	10.628	77	1796906	40.657	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	179018	38.731	ng	100
66) n-Nitrosodiphenylamine	10.586	169	1371761	40.485	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	490816	40.722	ng	100
68) Hexachlorobenzene	11.022	284	518266	40.721	ng	100
69) Atrazine	11.110	200	369439	39.649	ng	100
70) Pentachlorophenol	11.210	266	347791	43.086	ng	100
71) Phenanthrene	11.439	178	2214957	40.130	ng	100
72) Anthracene	11.486	178	2204147	39.845	ng	100
73) Carbazole	11.639	167	1971491	40.358	ng	100
74) Di-n-butylphthalate	11.975	149	2493783	40.274	ng	100
75) Fluoranthene	12.622	202	2248284	39.753	ng	100
77) Benzidine	12.739	184	326609	41.235	ng	100
78) Pyrene	12.851	202	2259888	41.470	ng	100
80) Butylbenzylphthalate	13.475	149	840509	42.452	ng	100
81) Benzo(a)anthracene	14.039	228	1651930	39.742	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	494528	41.467	ng	100
83) Chrysene	14.074	228	1591812	41.543	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	1046693	42.458	ng	100
85) Di-n-octyl phthalate	14.645	149	1644901	44.568	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1526575	42.264	ng	100
88) Benzo(b)fluoranthene	15.092	252	1481931	38.353	ng	100
89) Benzo(k)fluoranthene	15.121	252	1377470	41.943	ng	100
90) Benzo(a)pyrene	15.463	252	1269914	40.981	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	1257866	42.664	ng	100
92) Benzo(g,h,i)perylene	17.468	276	1281590	42.430	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 816
 Delta R.T. -0.000 min
 Lab File: BF141797.D
 Acq: 27 Feb 2025 17:16

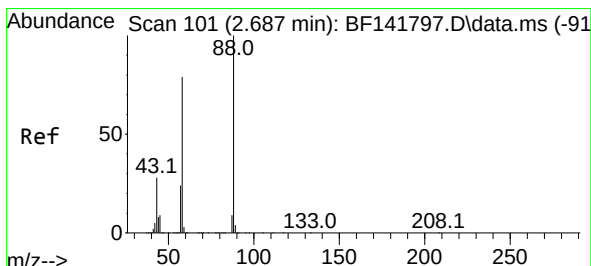
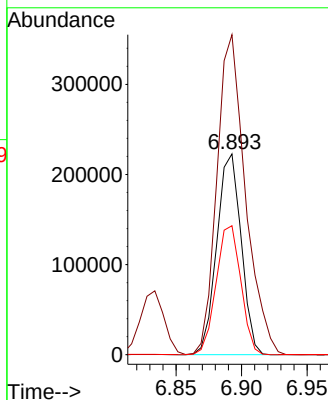
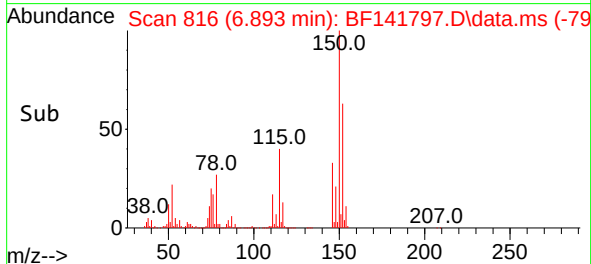
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



Tgt Ion:152 Resp: 288060
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.5 191.3
 115 64.3 51.4 77.2

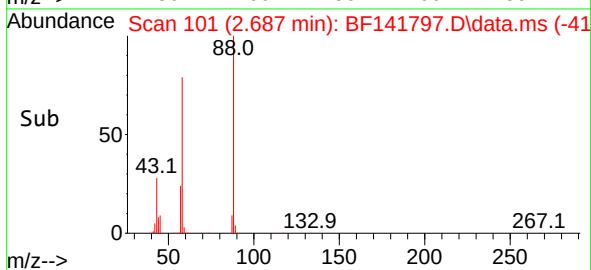
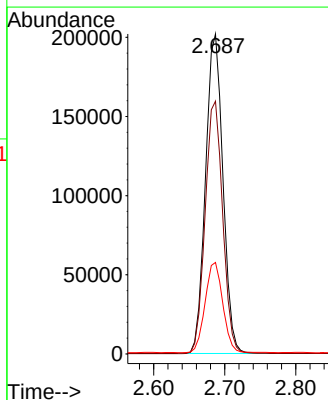
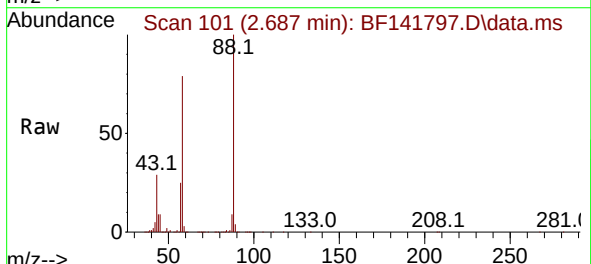
Manual Integrations
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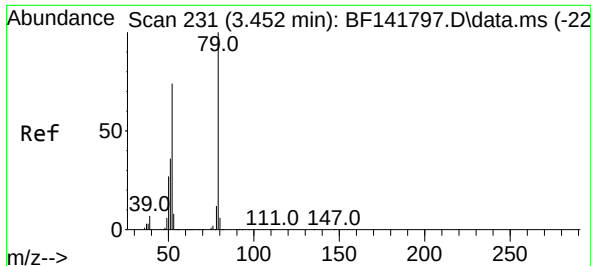
Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025



#2
 1,4-Dioxane
 Concen: 41.944 ng
 RT: 2.687 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: BF141797.D
 Acq: 27 Feb 2025 17:16

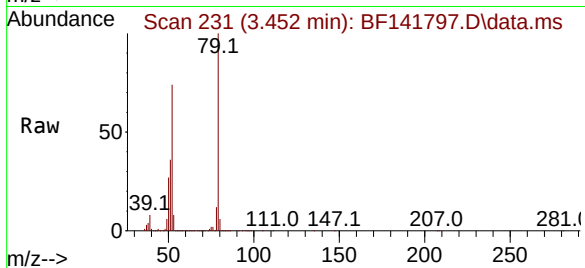
Tgt Ion: 88 Resp: 343299
 Ion Ratio Lower Upper
 88 100
 58 79.9 63.9 95.9
 43 28.8 23.0 34.6





#3
Pyridine
Concen: 41.764 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

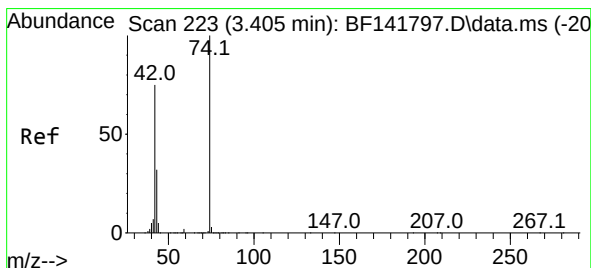
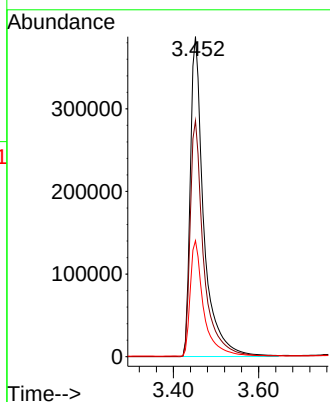
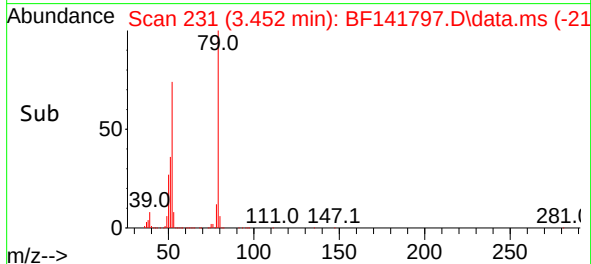
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



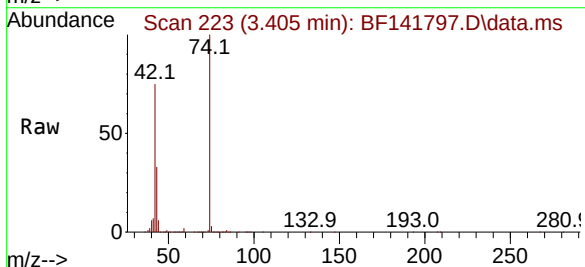
Tgt Ion: 79 Resp: 850494
Ion Ratio Lower Upper
79 100
52 73.7 59.0 88.4
51 36.2 29.0 43.4

Manual Integrations
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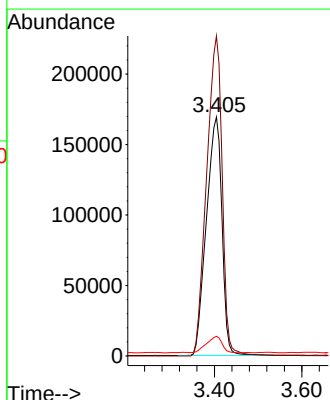
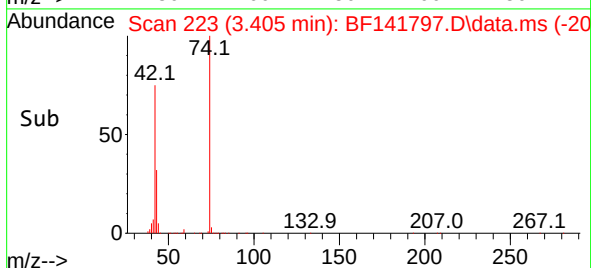
Reviewed By :Yogesh Patel 02/28/2025
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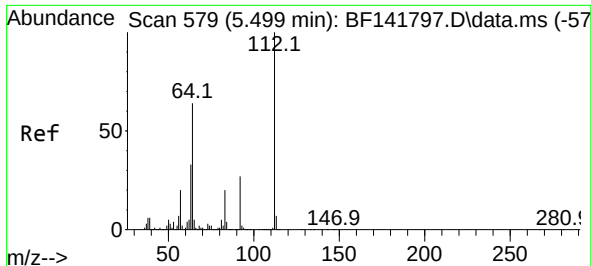


#4
n-Nitrosodimethylamine
Concen: 42.911 ng
RT: 3.405 min Scan# 223
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



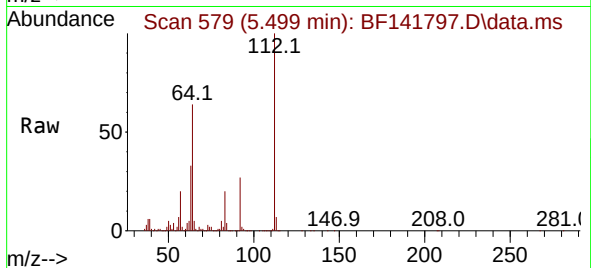
Tgt Ion: 42 Resp: 420465
Ion Ratio Lower Upper
42 100
74 133.9 107.1 160.7
44 8.2 6.6 9.8





#5
2-Fluorophenol
Concen: 82.144 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

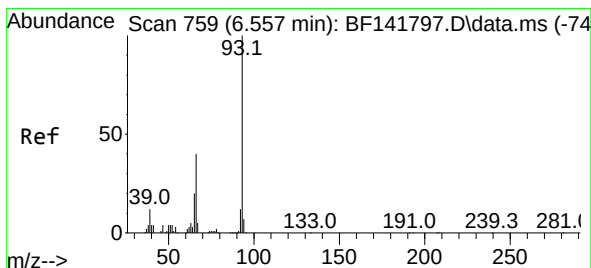
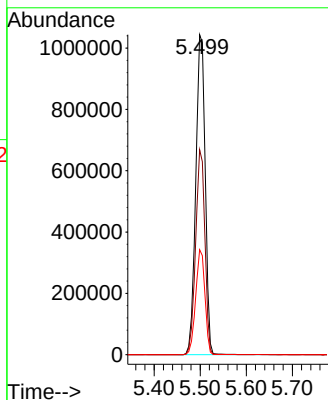
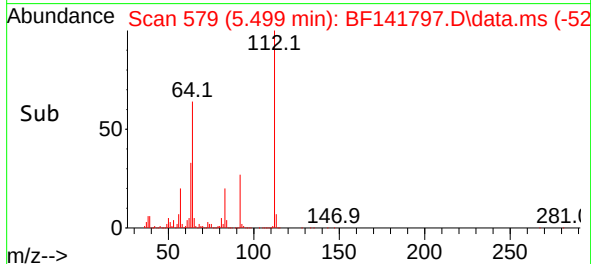
Instrument :
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ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 1481710
Ion Ratio Lower Upper
112 100
64 64.1 51.3 76.9
63 32.8 26.2 39.4

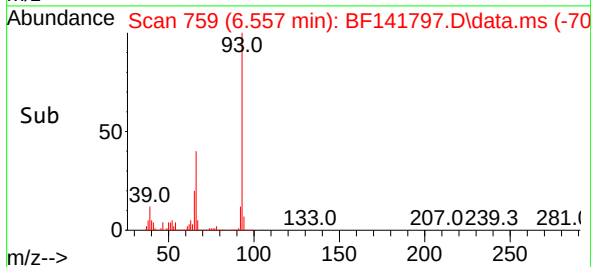
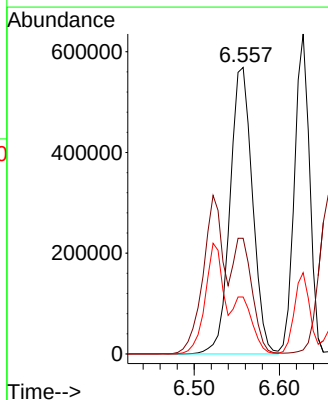
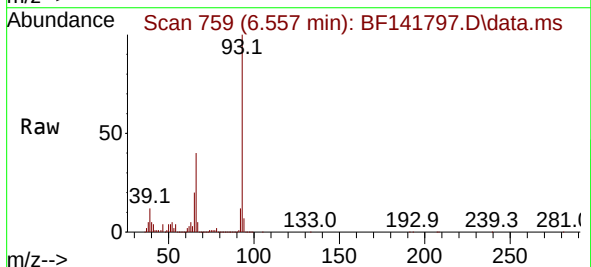
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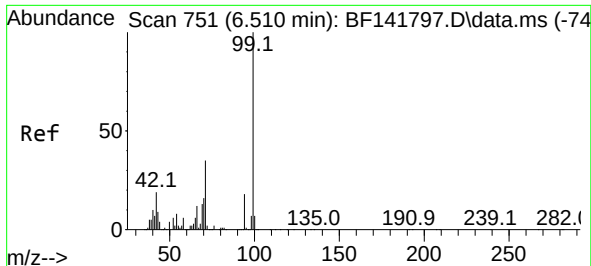
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#6
Aniline
Concen: 42.941 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

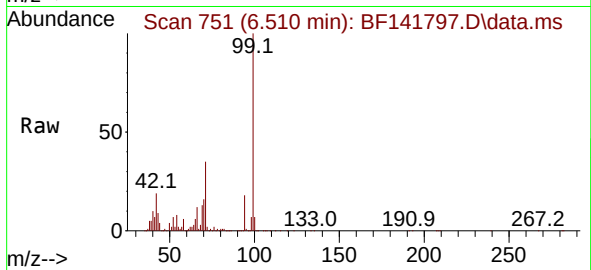
Tgt Ion: 93 Resp: 1042452
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 19.9 15.9 23.9





#7
Phenol-d6
Concen: 82.660 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

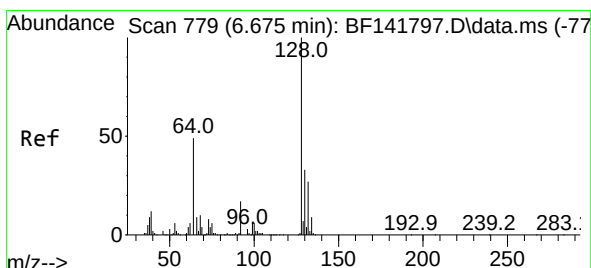
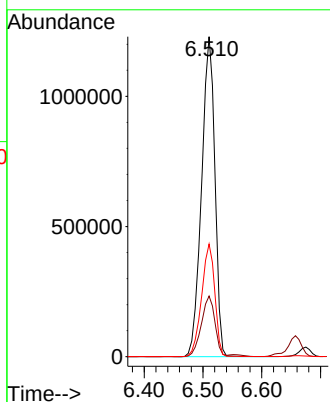
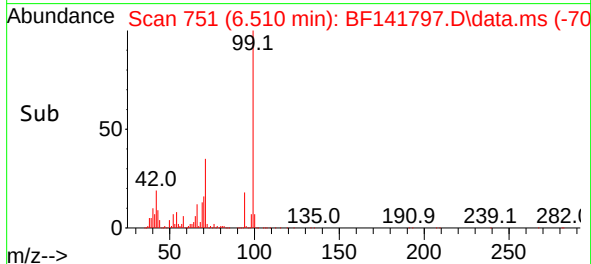
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



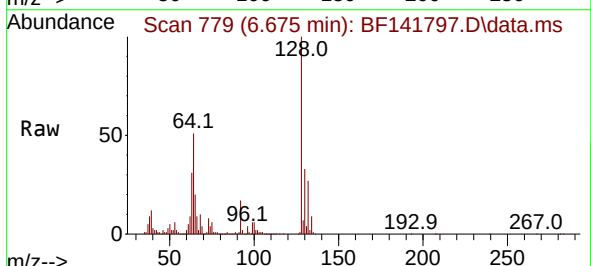
Tgt Ion: 99 Resp: 1940700
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 35.2 28.2 42.2

Manual Integrations
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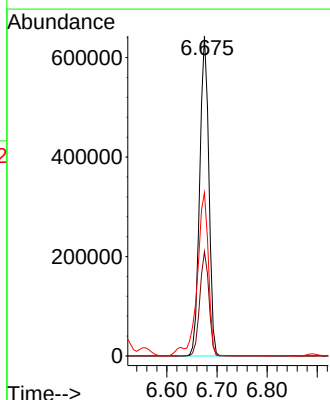
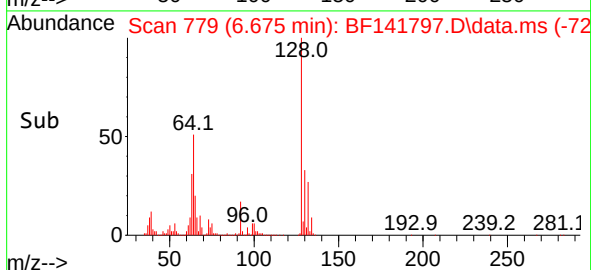
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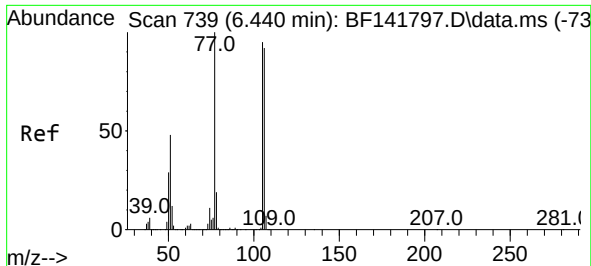


#8
2-Chlorophenol
Concen: 41.681 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



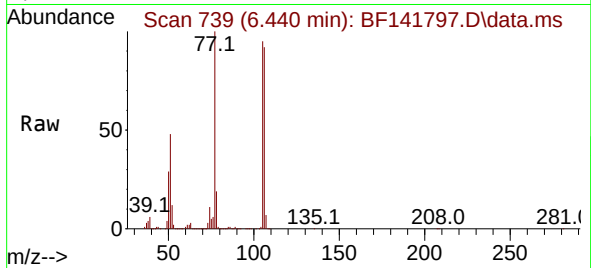
Tgt Ion:128 Resp: 813316
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 51.1 31.1 71.1





#9
Benzaldehyde
Concen: 41.423 ng
RT: 6.440 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

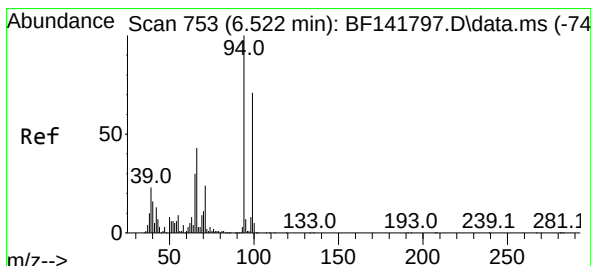
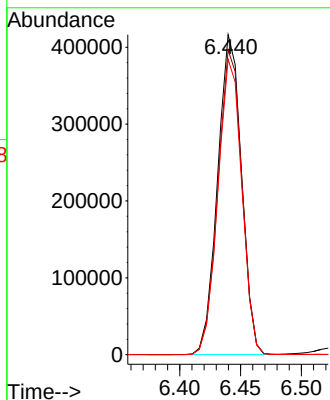
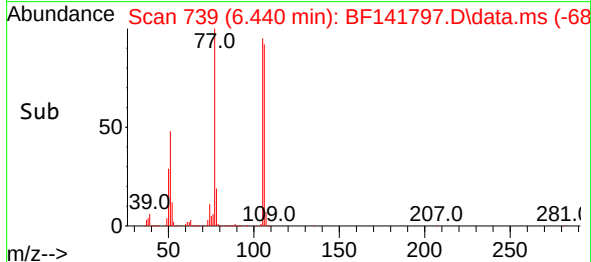
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 565698
Ion Ratio Lower Upper
77 100
105 95.3 75.3 115.3
106 92.3 72.3 112.3

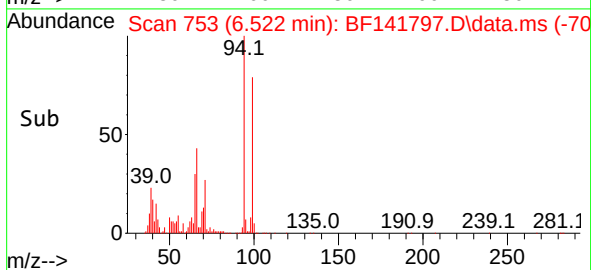
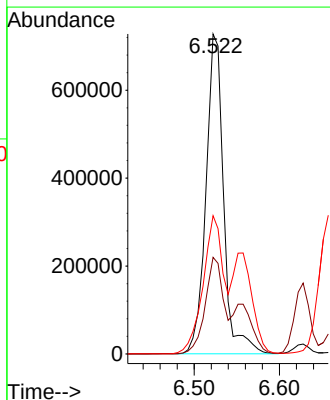
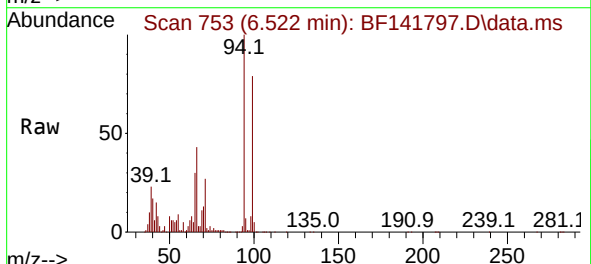
Manual Integrations
APPROVED

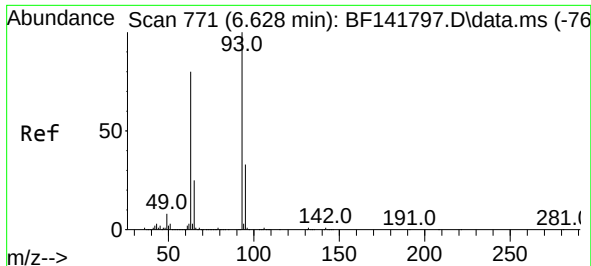
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#10
Phenol
Concen: 41.904 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

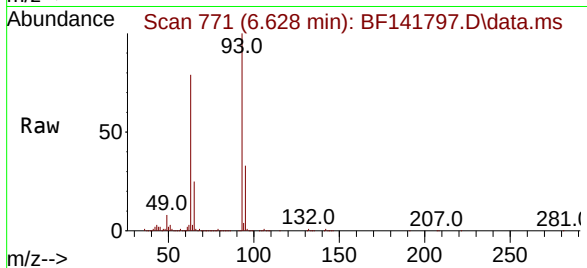
Tgt Ion: 94 Resp: 1048185
Ion Ratio Lower Upper
94 100
65 30.2 10.2 50.2
66 43.2 23.2 63.2





#11
bis(2-Chloroethyl)ether
Concen: 40.349 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

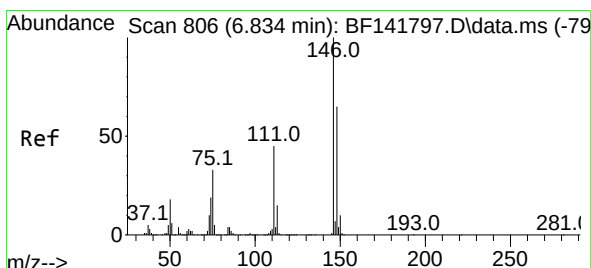
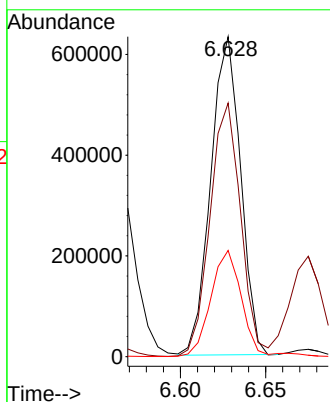
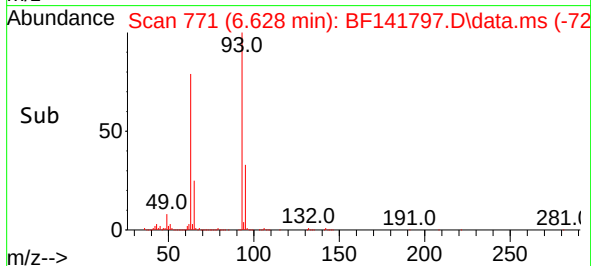
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



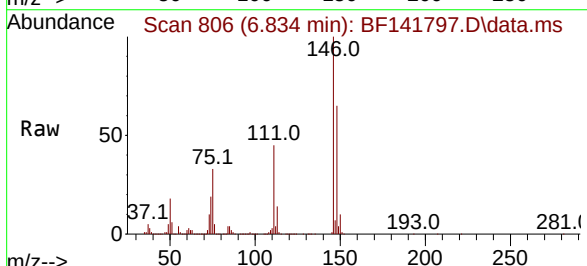
Tgt Ion: 93 Resp: 77164
Ion Ratio Lower Upper
93 100
63 79.3 59.3 99.3
95 33.2 13.2 53.2

Manual Integrations
APPROVED

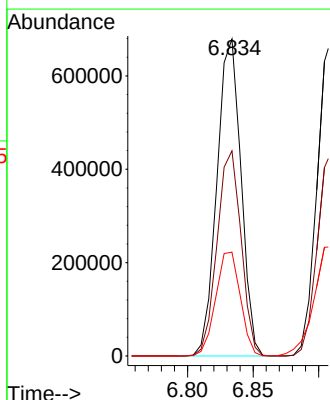
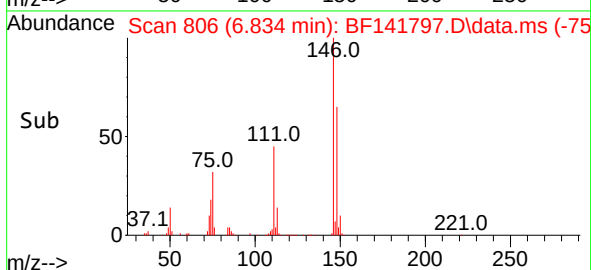
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

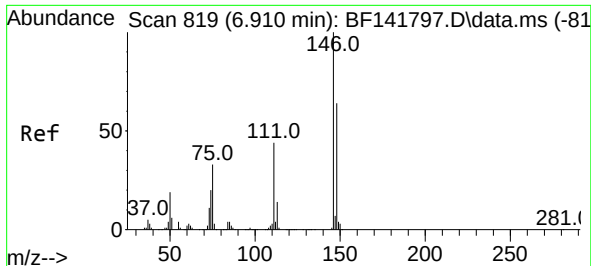


#12
1,3-Dichlorobenzene
Concen: 41.465 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



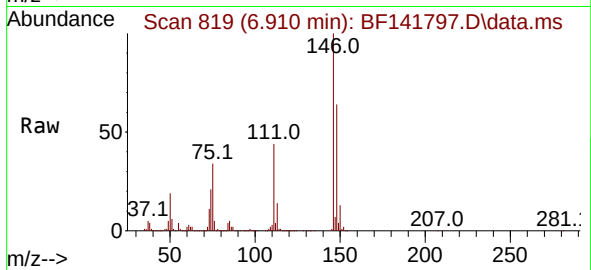
Tgt Ion:146 Resp: 866494
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 32.8 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 41.384 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

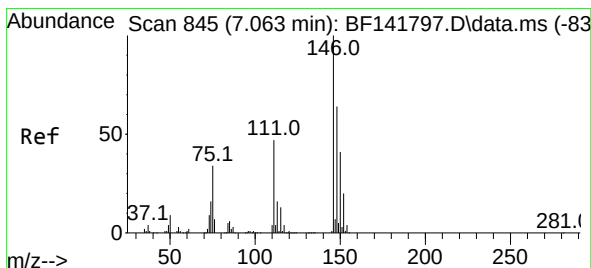
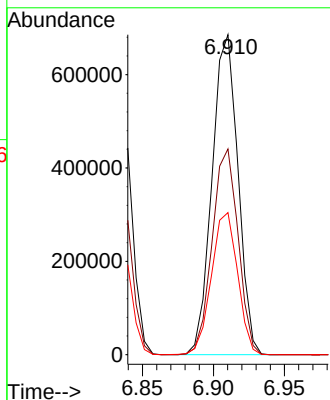
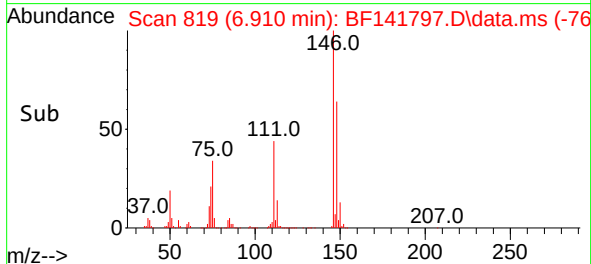
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



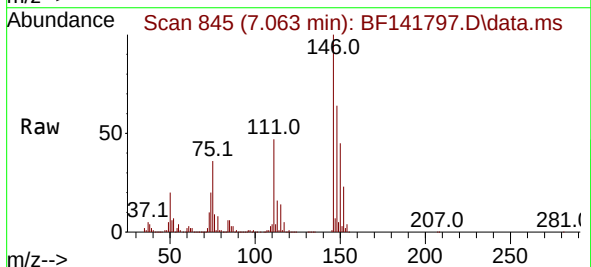
Tgt Ion:146 Resp: 87135
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 44.4 35.5 53.3

Manual Integrations
APPROVED

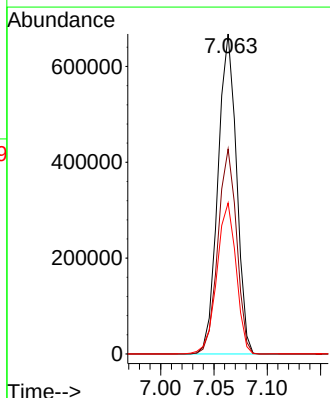
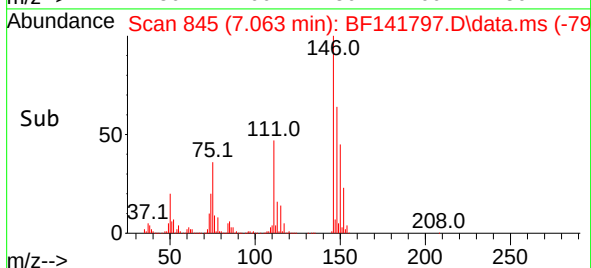
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

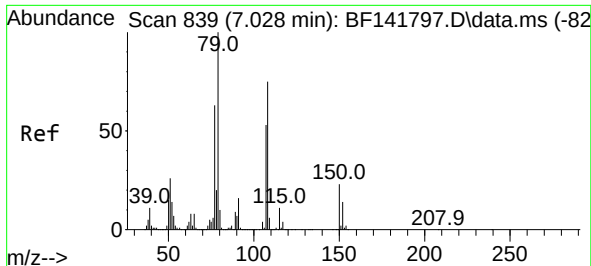


#14
1,2-Dichlorobenzene
Concen: 41.065 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



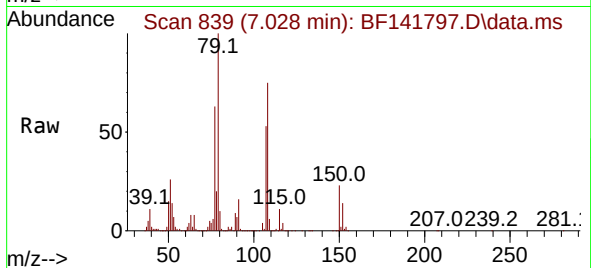
Tgt Ion:146 Resp: 807407
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 47.2 37.8 56.6





#15
Benzyl Alcohol
Concen: 41.957 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

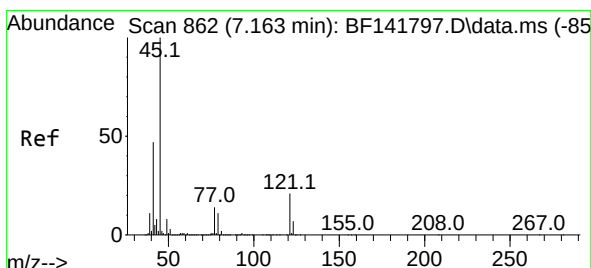
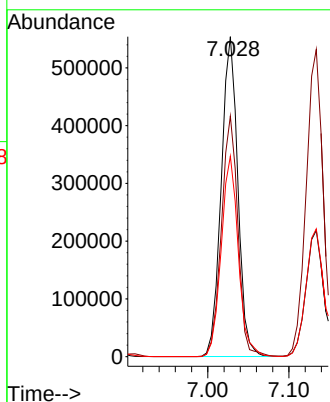
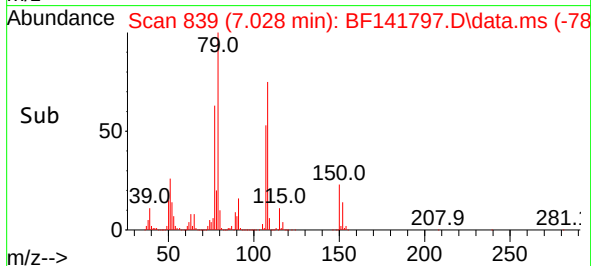
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



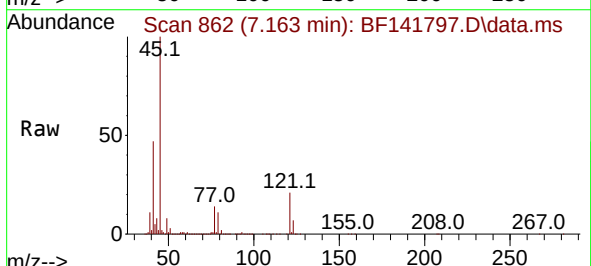
Tgt Ion: 79 Resp: 787264
Ion Ratio Lower Upper
79 100
108 75.2 60.2 90.2
77 62.7 50.2 75.2

Manual Integrations
APPROVED

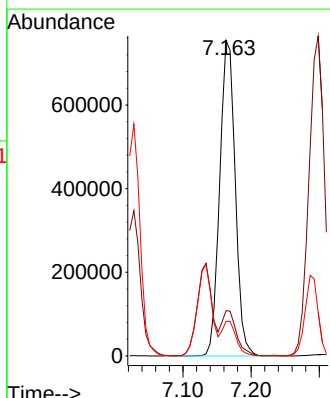
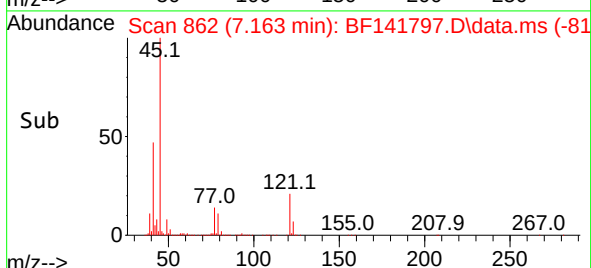
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

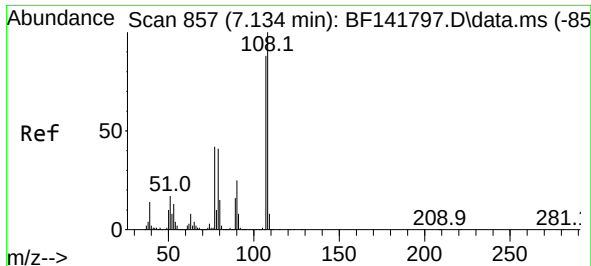


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.236 ng
RT: 7.163 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



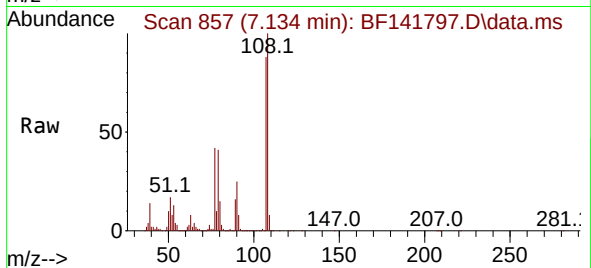
Tgt Ion: 45 Resp: 1197610
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.4
79 10.9 0.0 30.9





#17
2-Methylphenol
Concen: 41.635 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

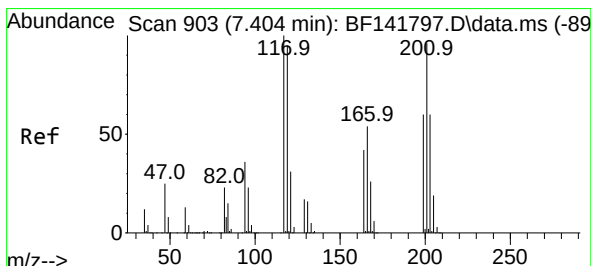
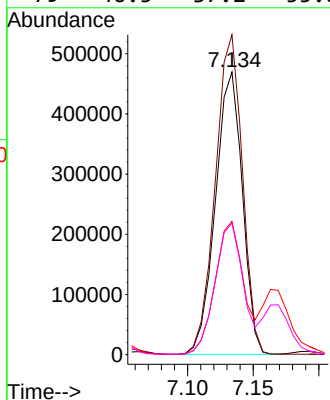
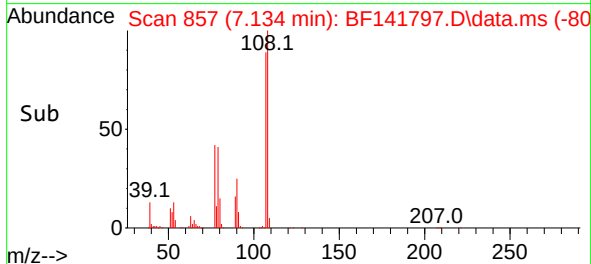
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 670597
Ion Ratio Lower Upper
107 100
108 113.2 90.6 135.8
77 47.1 37.7 56.5
79 46.5 37.2 55.8

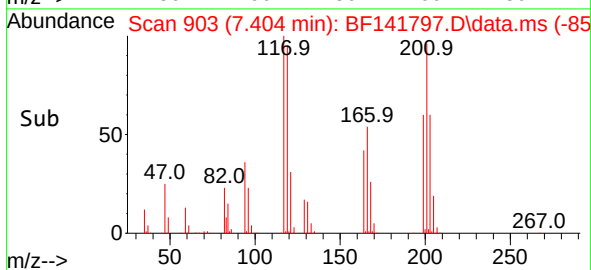
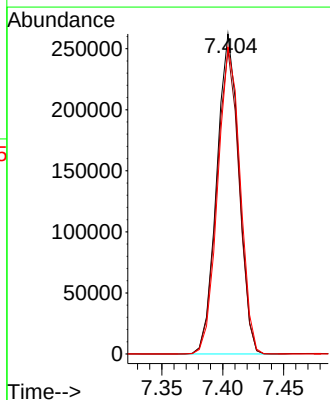
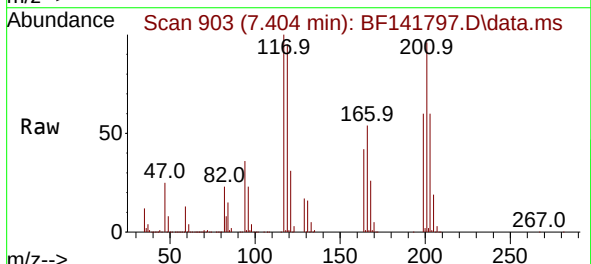
Manual Integrations
APPROVED

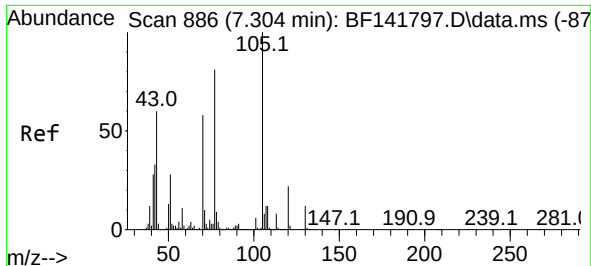
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#18
Hexachloroethane
Concen: 42.223 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

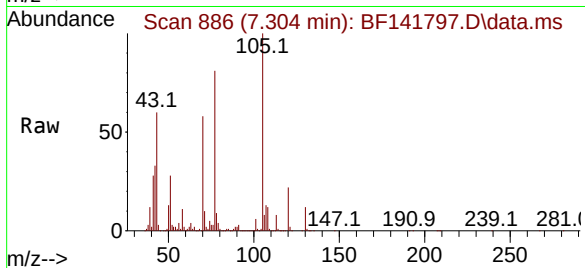
Tgt Ion:117 Resp: 332747
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 95.9 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.586 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

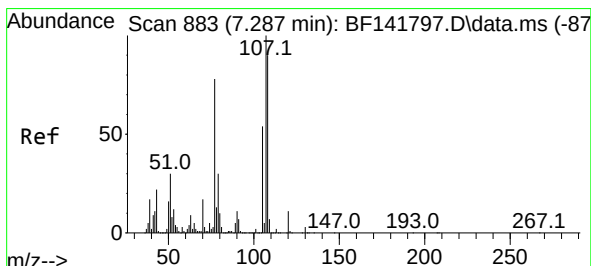
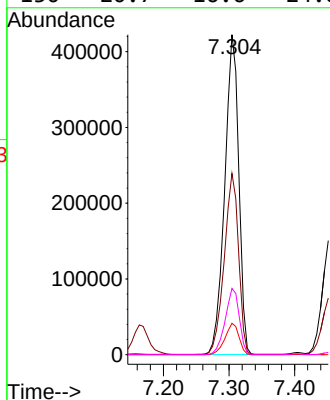
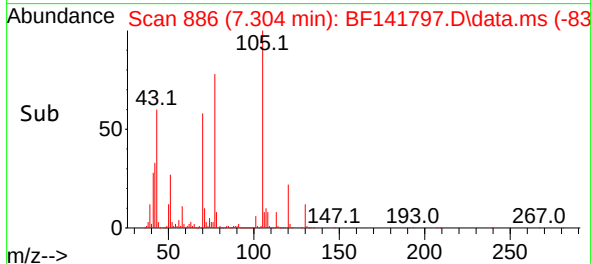
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



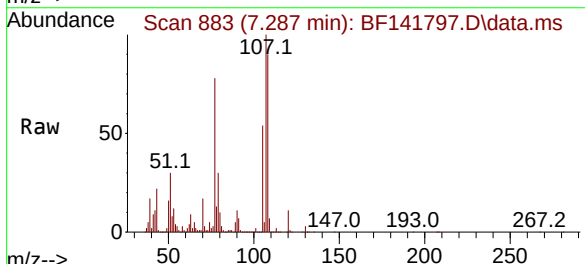
Tgt Ion: 70 Resp: 626390
Ion Ratio Lower Upper
70 100
42 56.7 45.4 68.0
101 9.8 7.8 11.8
130 20.7 16.6 24.8

Manual Integrations
APPROVED

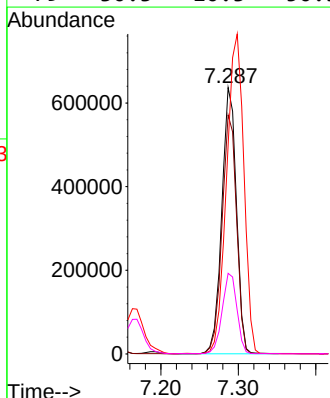
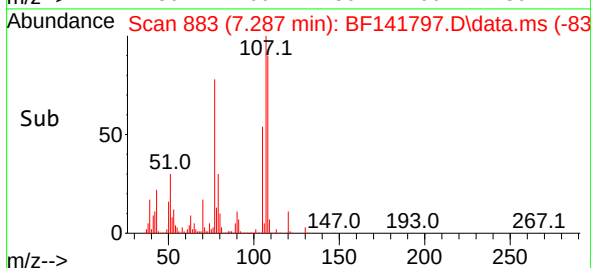
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

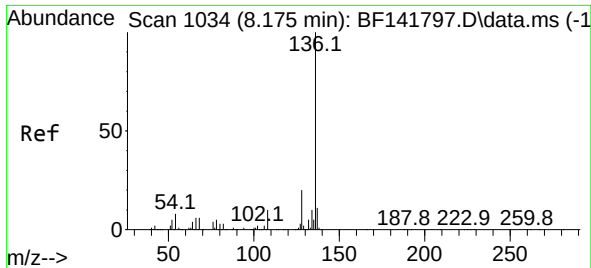


#20
3+4-Methylphenols
Concen: 41.411 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



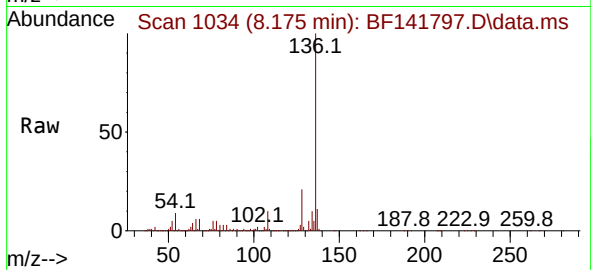
Tgt Ion:107 Resp: 830533
Ion Ratio Lower Upper
107 100
108 89.7 69.7 109.7
77 78.3 58.3 98.3
79 30.3 10.3 50.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

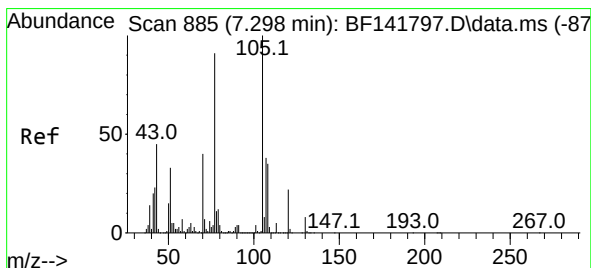
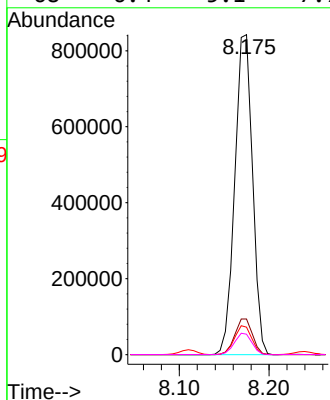
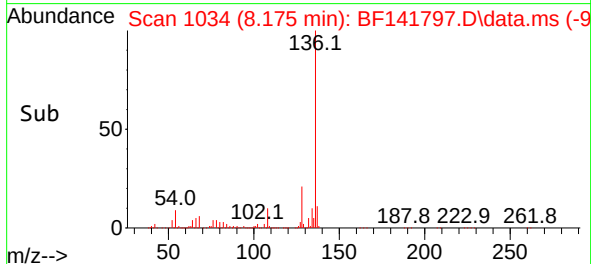
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 115571
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.6 6.9 10.3
68 6.4 5.1 7.7

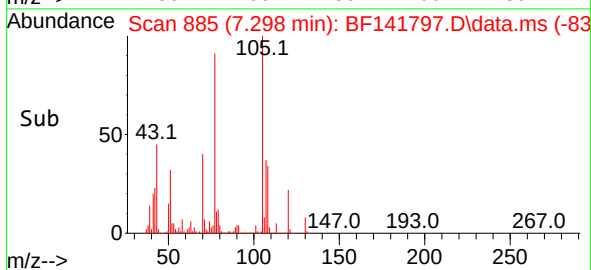
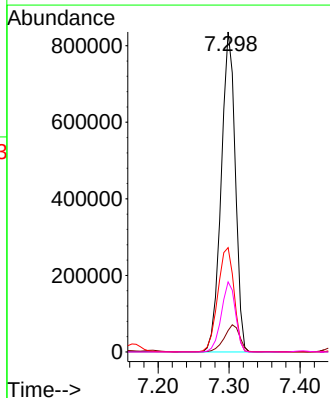
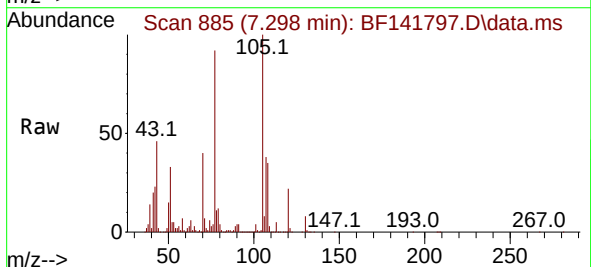
Manual Integrations
APPROVED

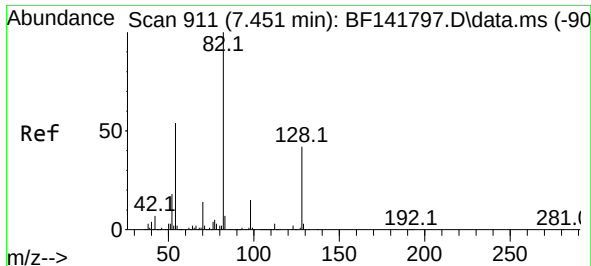
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#22
Acetophenone
Concen: 40.776 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Tgt Ion:105 Resp: 1147737
Ion Ratio Lower Upper
105 100
71 6.7 5.4 8.0
51 32.6 26.1 39.1
120 21.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 87.263 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1577764

Ion Ratio Lower Upper

82 100

128 41.9 33.5 50.3

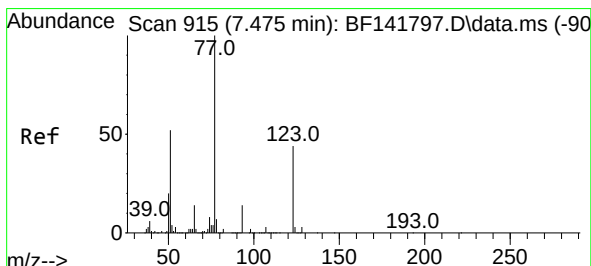
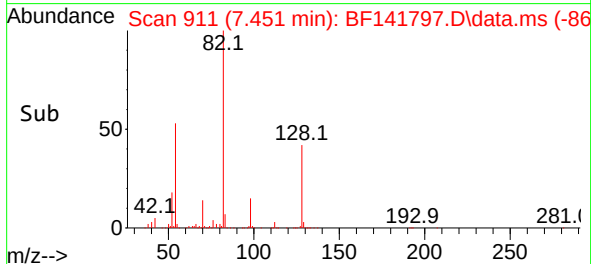
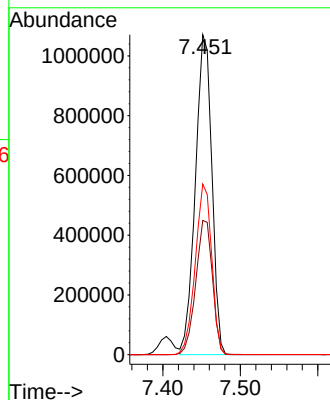
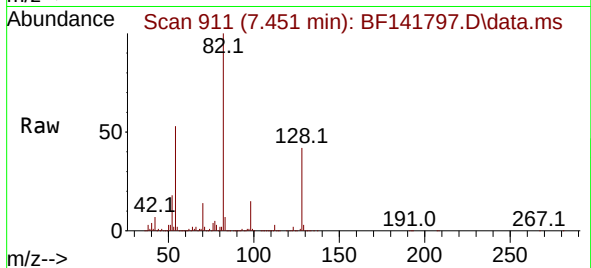
54 53.4 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#24

Nitrobenzene

Concen: 43.379 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

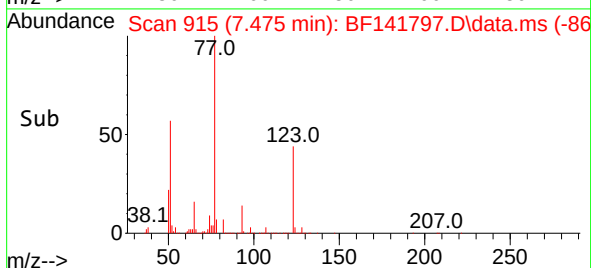
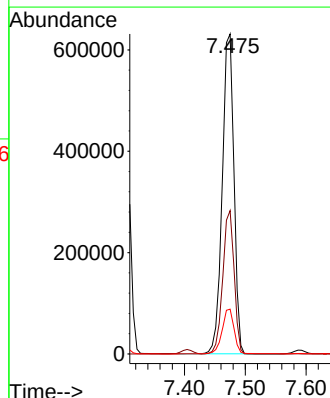
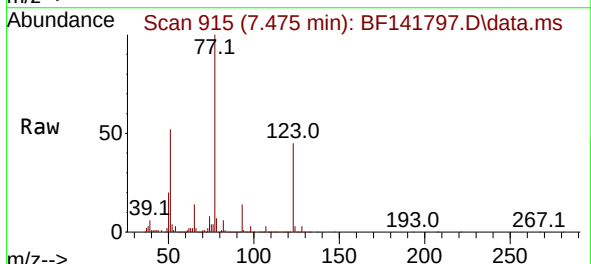
Tgt Ion: 77 Resp: 839887

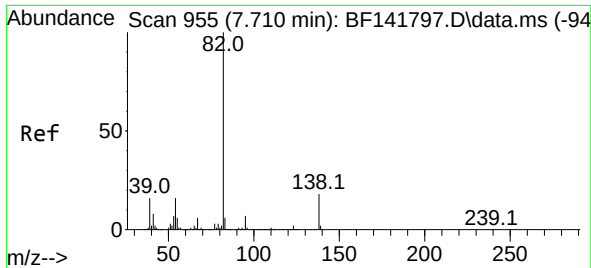
Ion Ratio Lower Upper

77 100

123 44.8 35.8 53.8

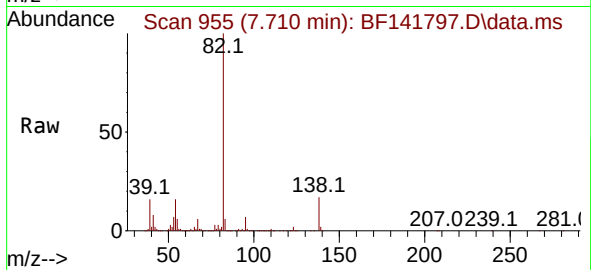
65 14.0 11.2 16.8





#25
Isophorone
Concen: 40.569 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

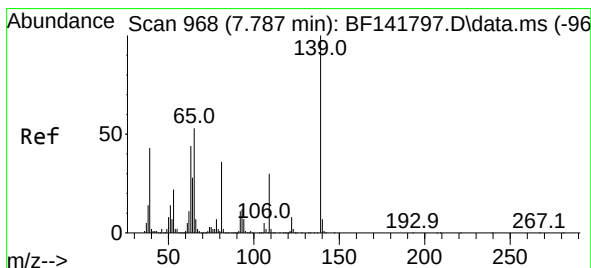
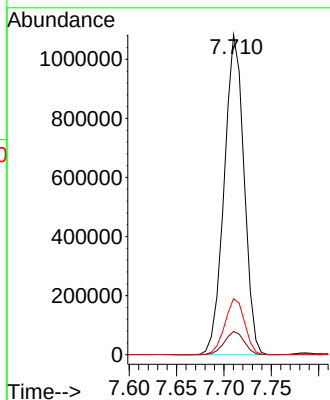
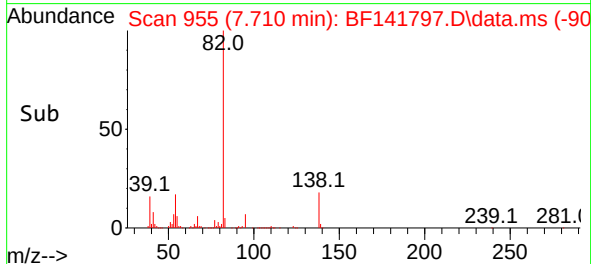
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 1575854
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.5 14.0 21.0

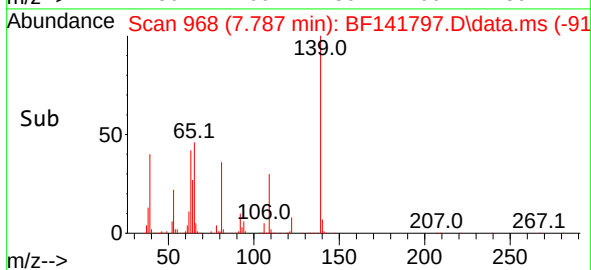
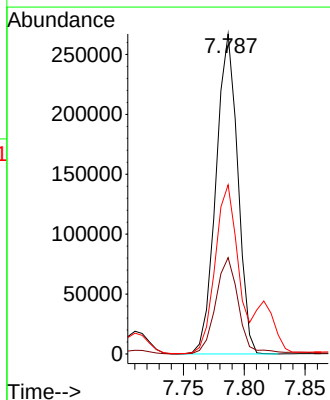
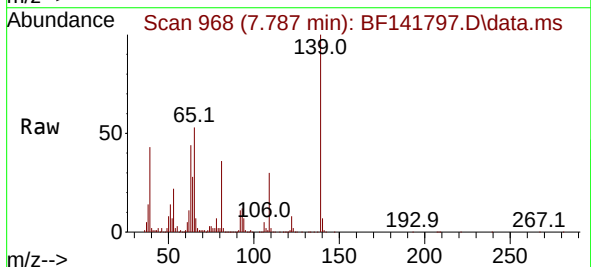
Manual Integrations
APPROVED

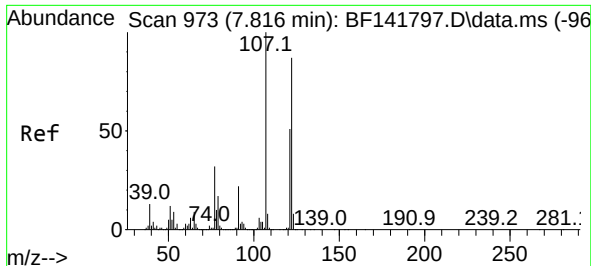
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#26
2-Nitrophenol
Concen: 39.357 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Tgt Ion:139 Resp: 332584
Ion Ratio Lower Upper
139 100
109 30.1 24.1 36.1
65 52.9 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 41.191 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141797.D

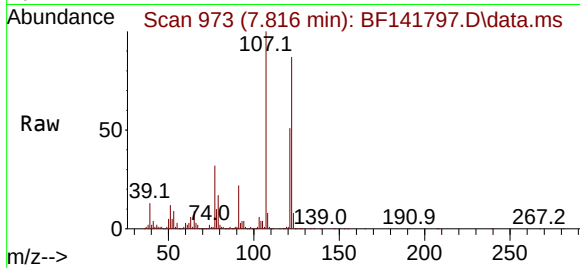
Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:122 Resp: 58815

Ion Ratio Lower Upper

122 100

107 115.6 92.5 138.7

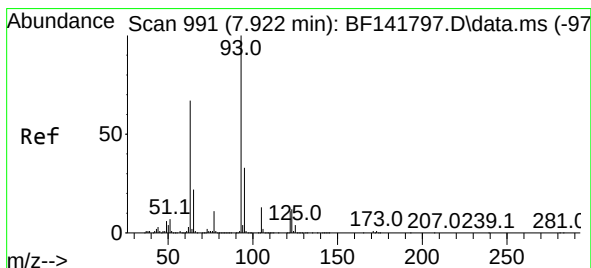
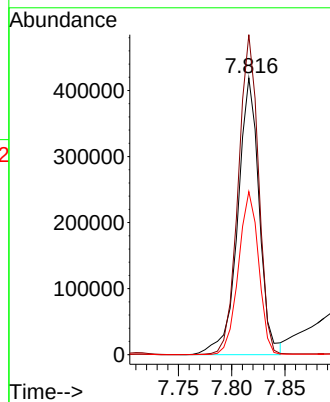
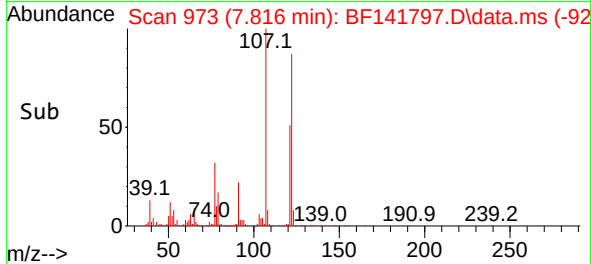
121 58.9 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.624 ng

RT: 7.922 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

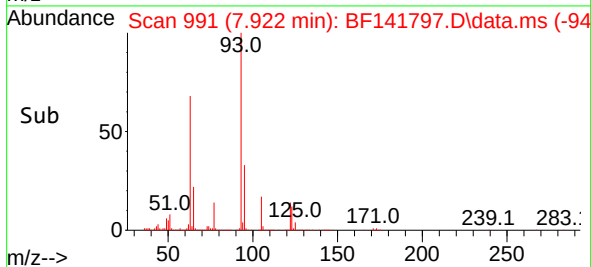
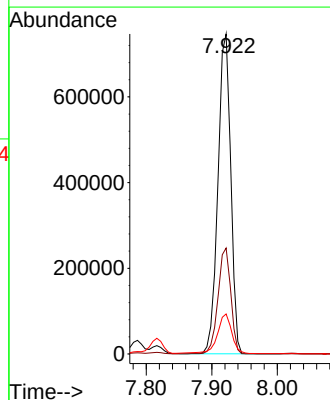
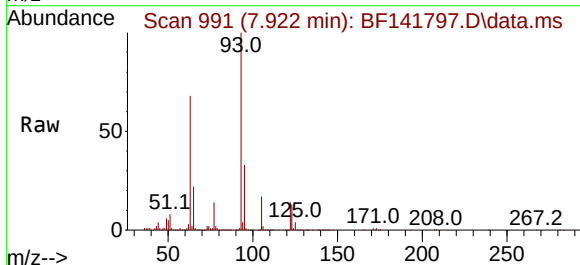
Tgt Ion: 93 Resp: 1006606

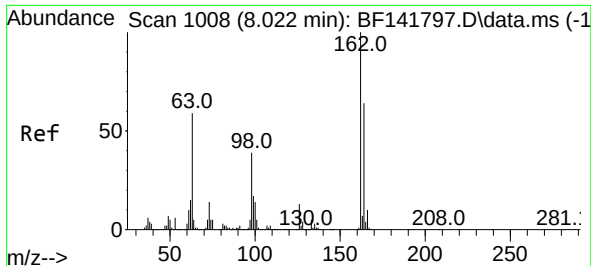
Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

123 12.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 41.819 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 688860

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

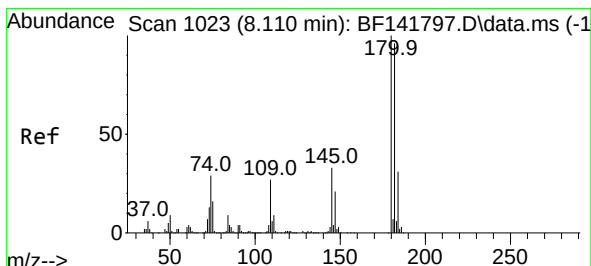
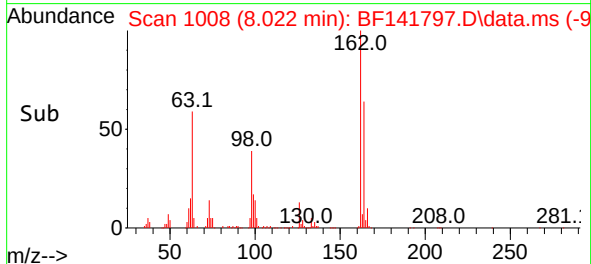
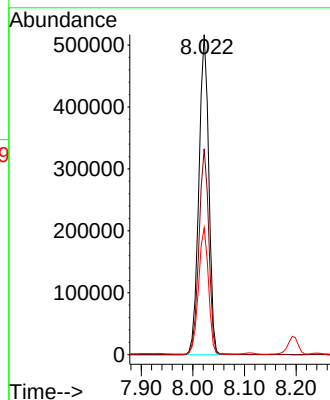
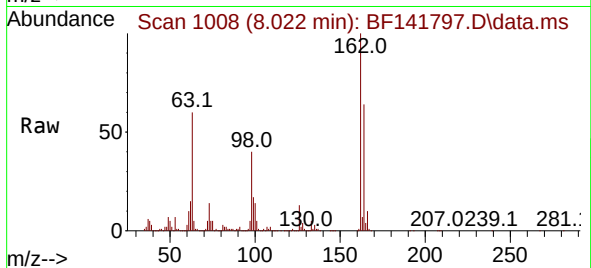
98 39.6 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.863 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

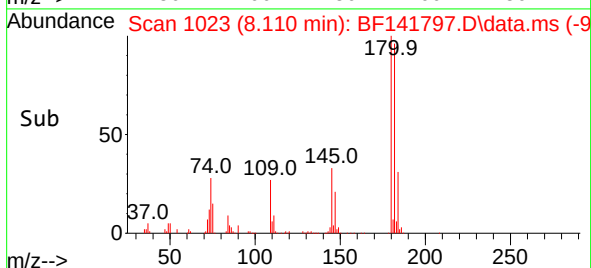
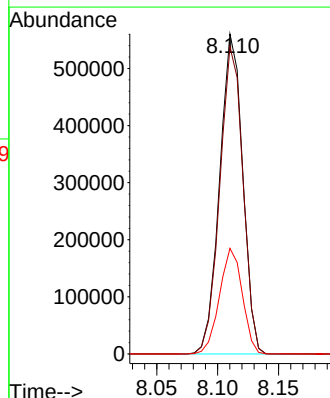
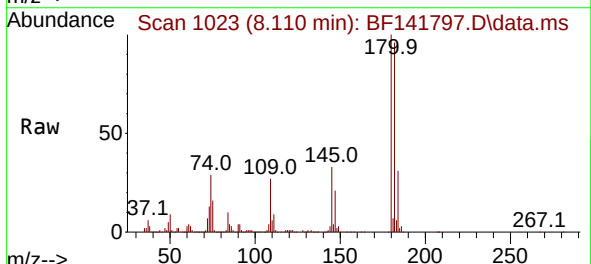
Tgt Ion:180 Resp: 737573

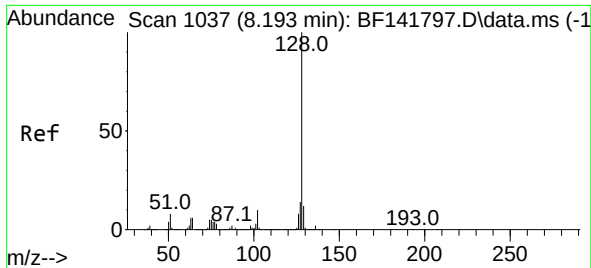
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

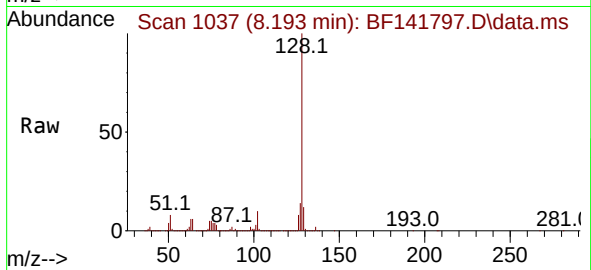
145 33.0 26.4 39.6





#31
Naphthalene
Concen: 40.588 ng
RT: 8.193 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

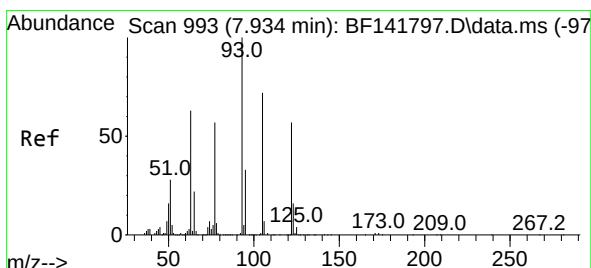
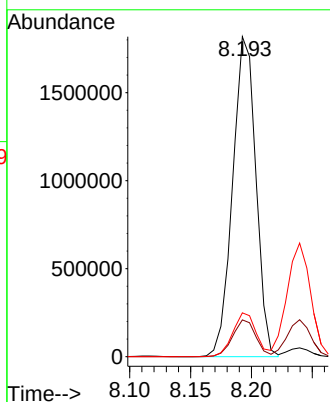
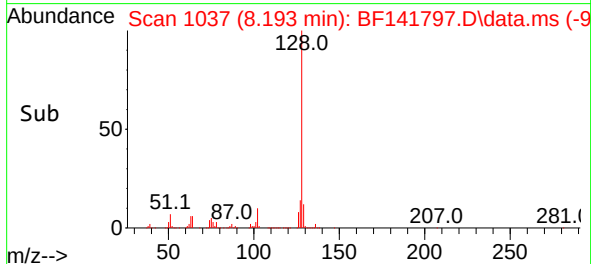
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 2410915
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.7 11.0 16.4

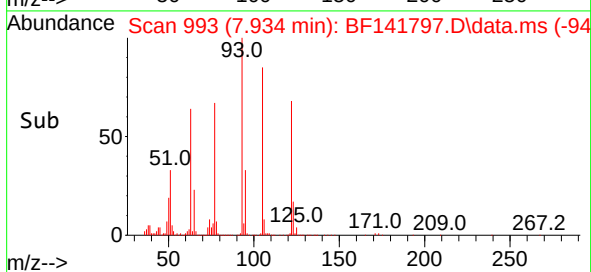
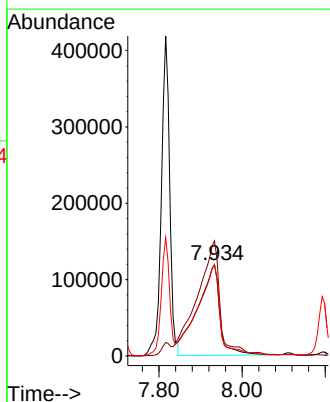
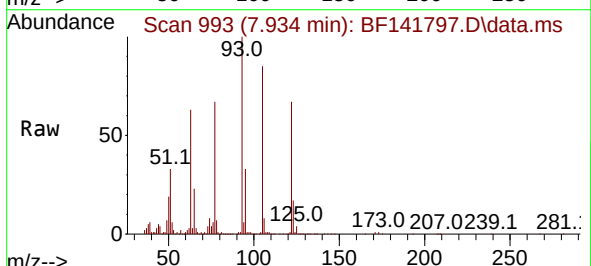
Manual Integrations
APPROVED

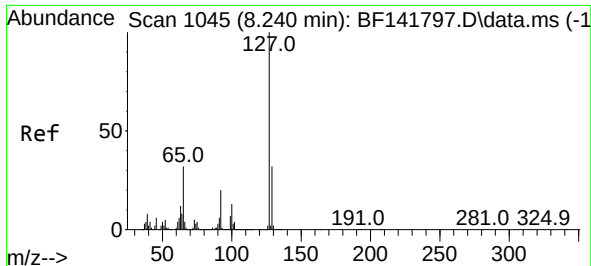
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#32
Benzoic acid
Concen: 38.870 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Tgt Ion:122 Resp: 442477
Ion Ratio Lower Upper
122 100
105 125.8 105.8 145.8
77 99.9 79.9 119.9





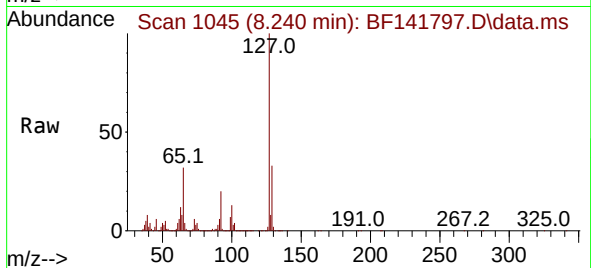
#33
4-Chloroaniline
Concen: 40.271 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

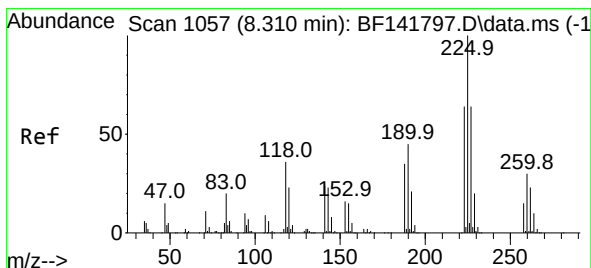
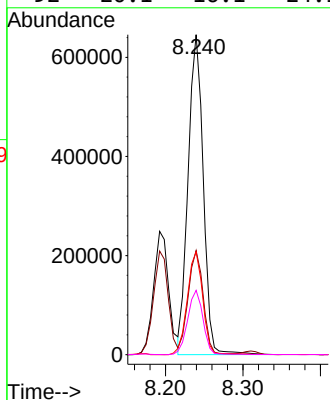
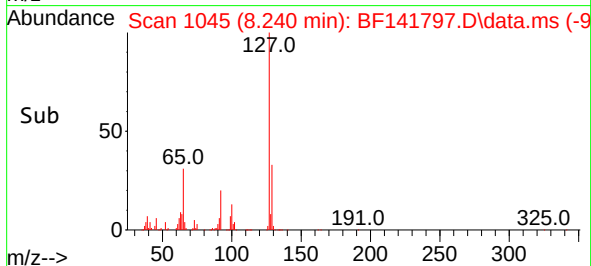


Tgt Ion:127 Resp: 877082
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 32.1 25.7 38.5
92 20.1 16.1 24.1

Manual Integrations

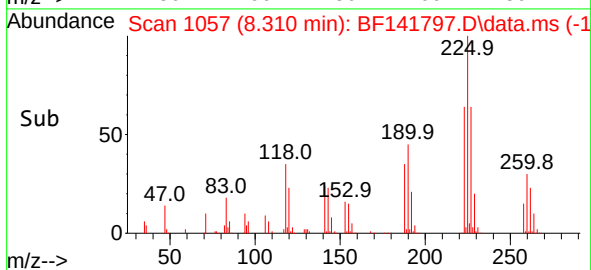
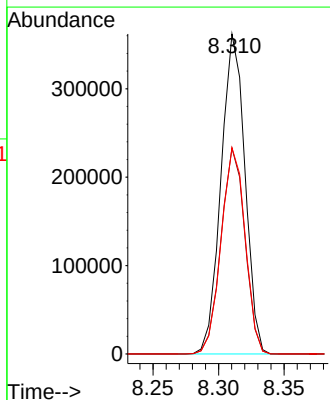
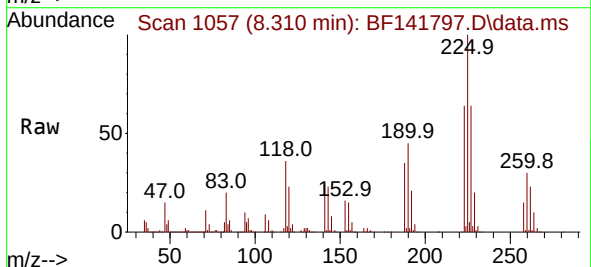
APPROVED

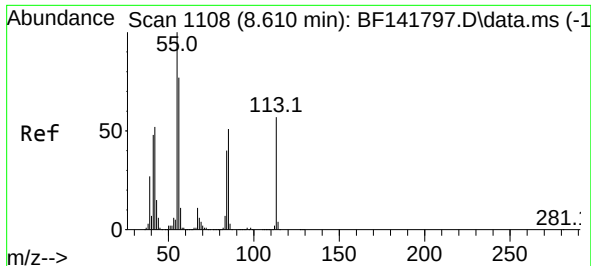
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#34
Hexachlorobutadiene
Concen: 40.952 ng
RT: 8.310 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

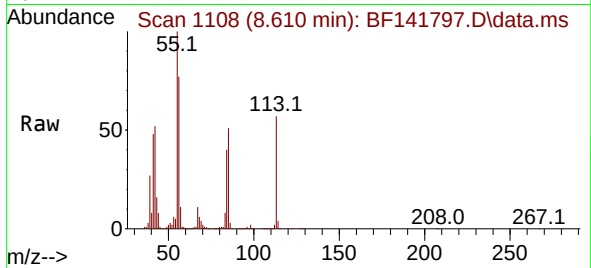
Tgt Ion:225 Resp: 459338
Ion Ratio Lower Upper
225 100
223 64.3 51.4 77.2
227 64.5 51.6 77.4





#35
Caprolactam
Concen: 41.695 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

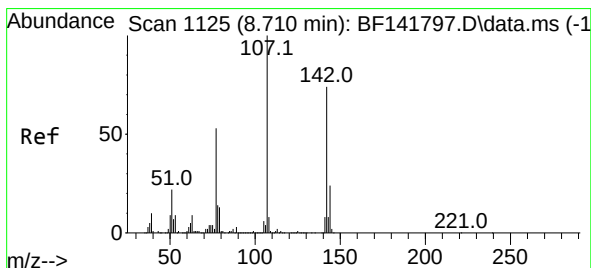
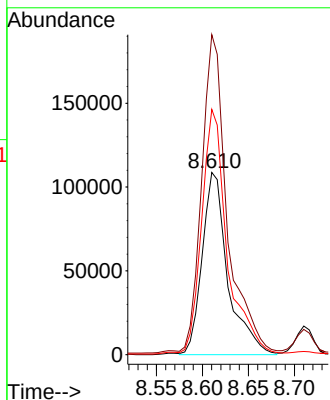
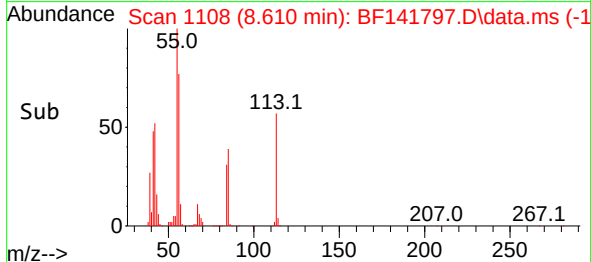
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 21133
Ion Ratio Lower Upper
113 100
55 175.6 155.6 195.6
56 134.6 114.6 154.6

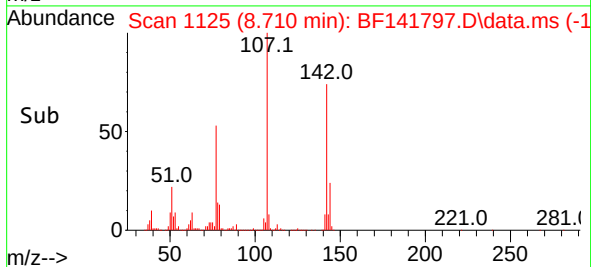
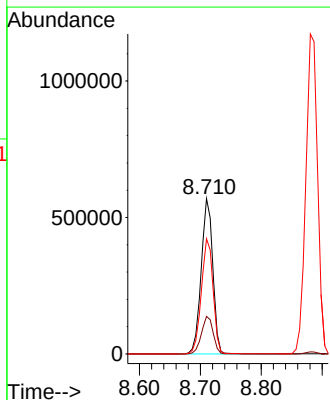
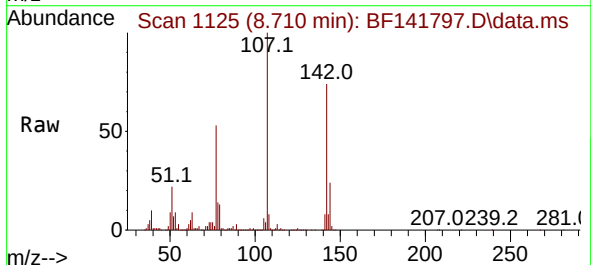
Manual Integrations
APPROVED

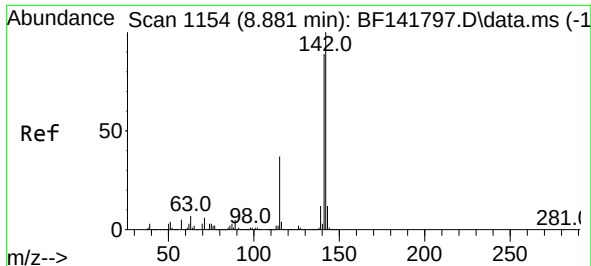
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#36
4-Chloro-3-methylphenol
Concen: 41.148 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

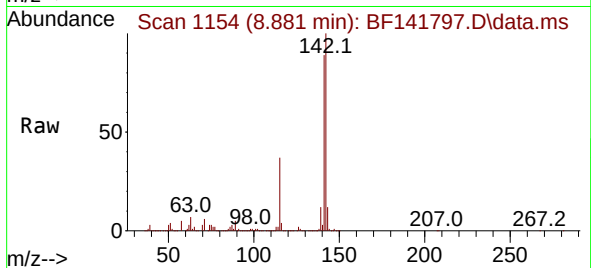
Tgt Ion:107 Resp: 752961
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.0
142 74.2 59.4 89.0





#37
2-Methylnaphthalene
Concen: 40.179 ng
RT: 8.881 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

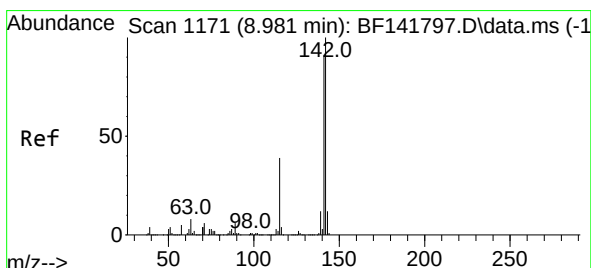
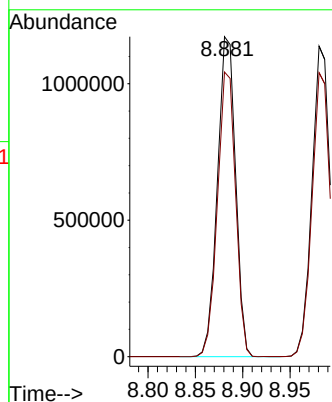
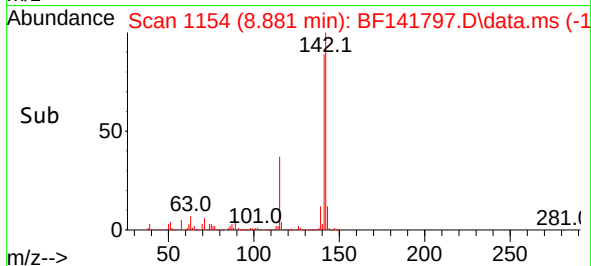
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



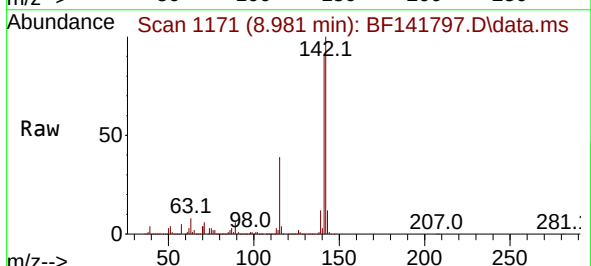
Tgt Ion:142 Resp: 156542
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7

Manual Integrations
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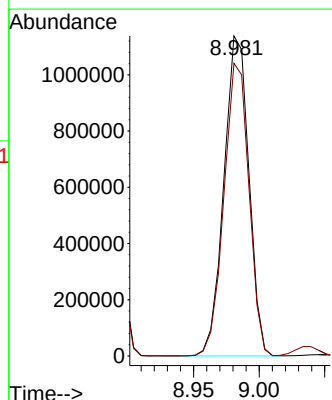
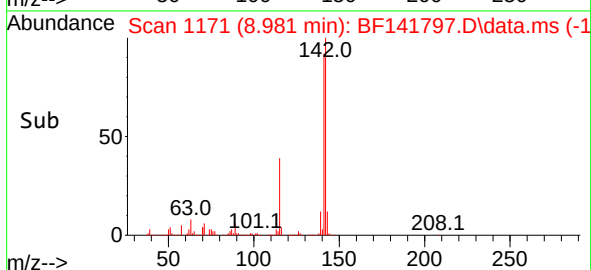
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

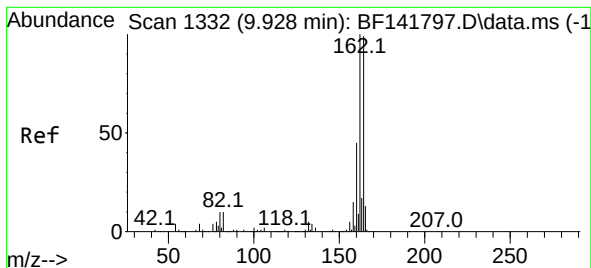


#38
1-Methylnaphthalene
Concen: 40.286 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



Tgt Ion:142 Resp: 1506039
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF141797.D

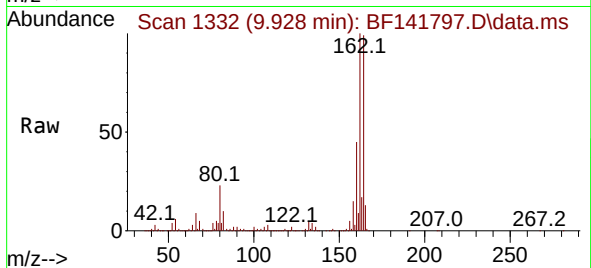
Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 625240

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

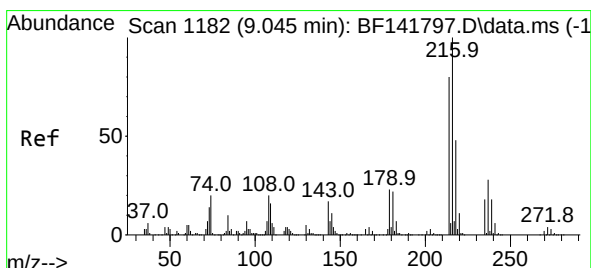
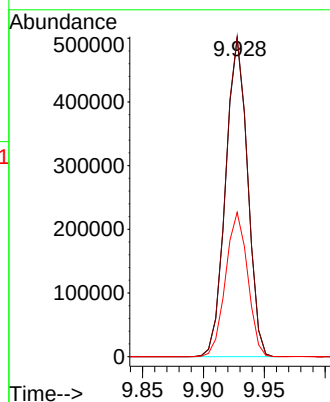
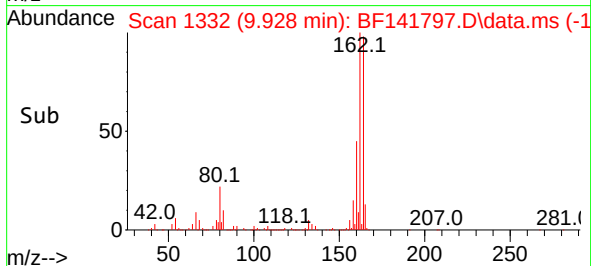
160 45.4 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.786 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

Tgt Ion:216 Resp: 736508

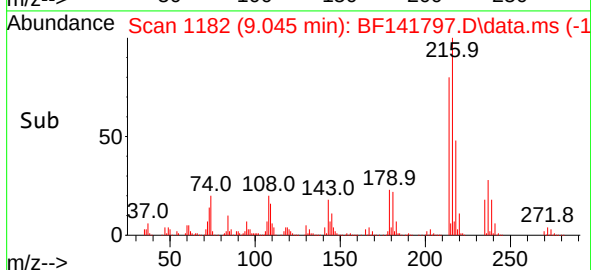
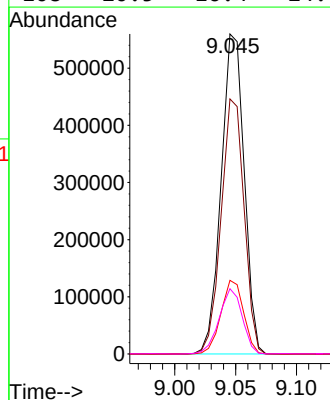
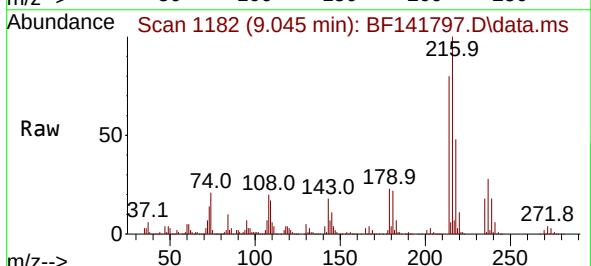
Ion Ratio Lower Upper

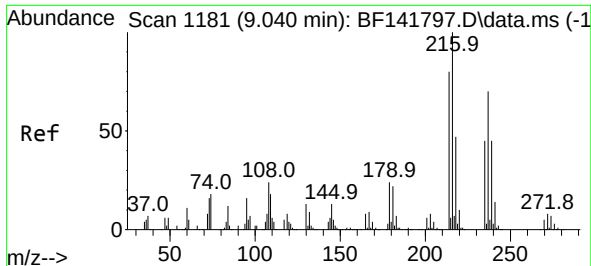
216 100

214 79.4 63.5 95.3

179 22.6 18.1 27.1

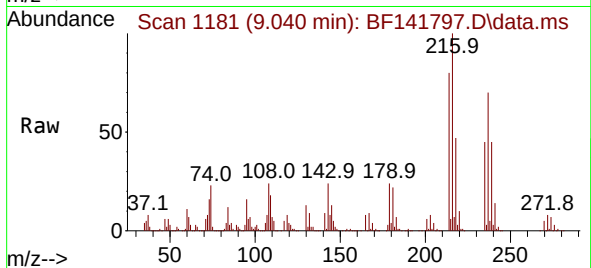
108 20.5 16.4 24.6





#41
Hexachlorocyclopentadiene
Concen: 42.882 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

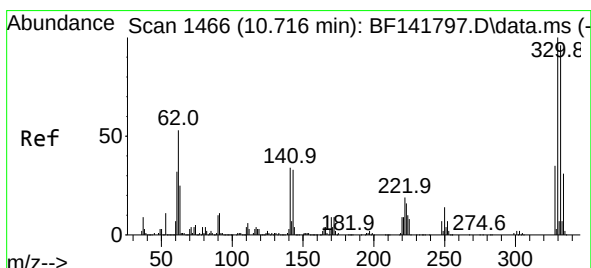
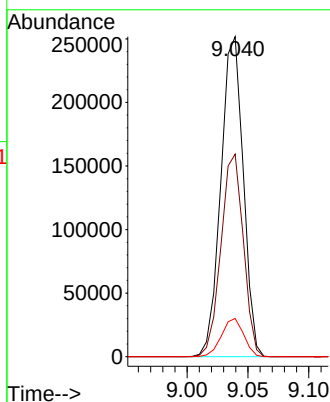
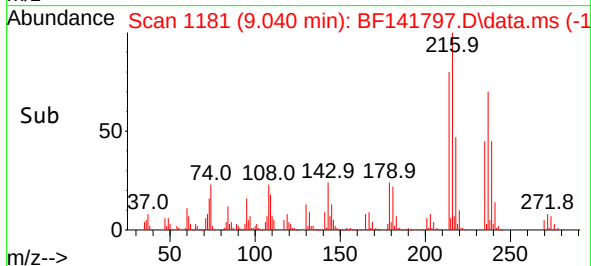
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



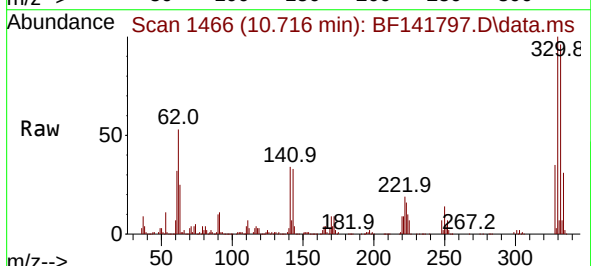
Tgt Ion:237 Resp: 323162
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 11.9 0.0 31.9

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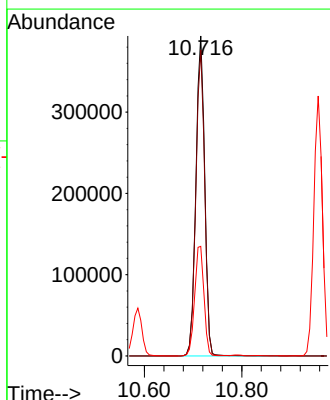
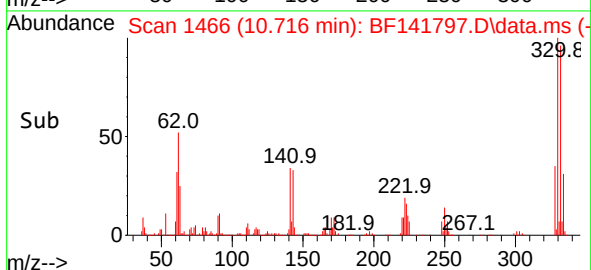
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

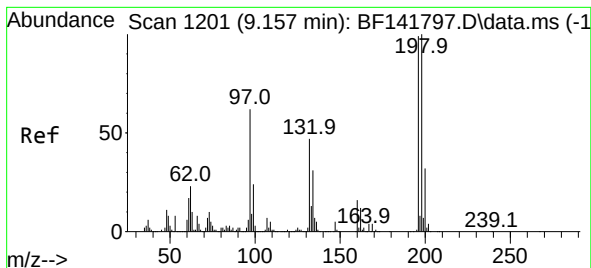


#42
2,4,6-Tribromophenol
Concen: 84.959 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



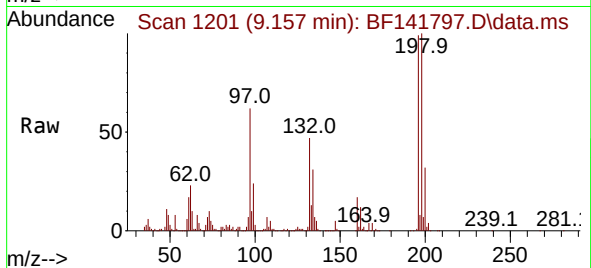
Tgt Ion:330 Resp: 498702
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 36.2 29.0 43.4





#43
2,4,6-Trichlorophenol
Concen: 42.623 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

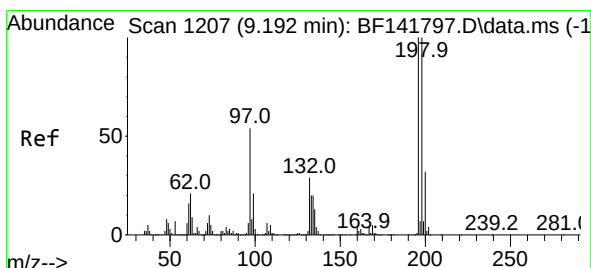
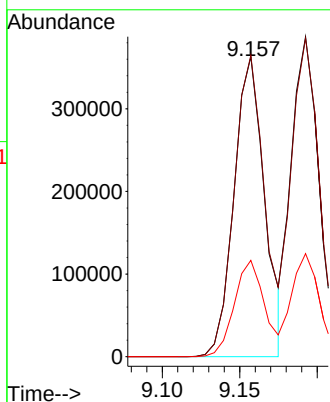
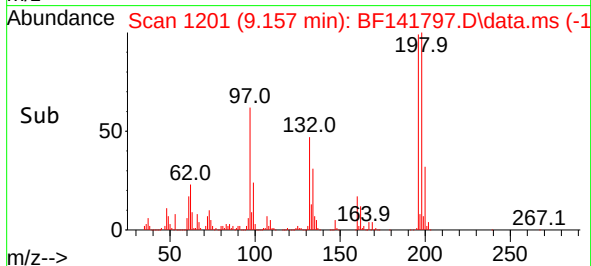
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



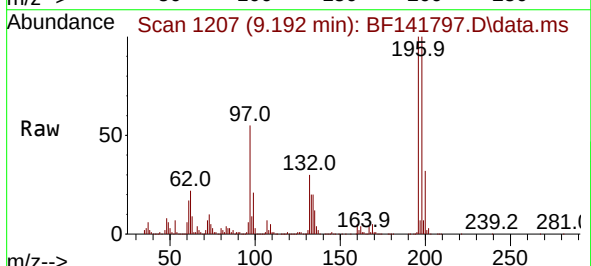
Tgt Ion:196 Resp: 49718
Ion Ratio Lower Upper
196 100
198 100.5 80.4 120.6
200 32.1 25.7 38.5

Manual Integrations
APPROVED

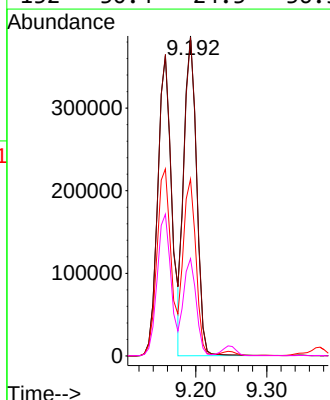
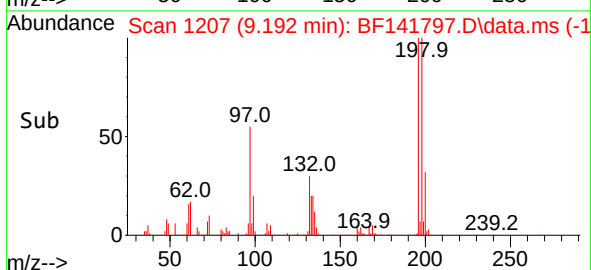
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

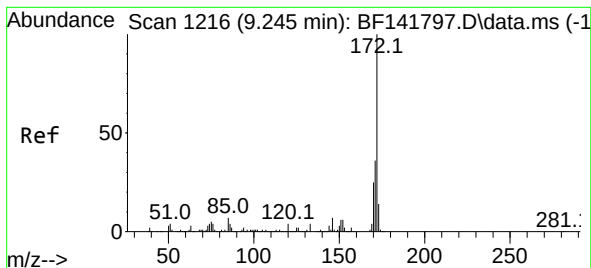


#44
2,4,5-Trichlorophenol
Concen: 41.448 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



Tgt Ion:196 Resp: 478749
Ion Ratio Lower Upper
196 100
198 99.6 79.7 119.5
97 55.2 44.2 66.2
132 30.4 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 79.348 ng

RT: 9.245 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 3094072

Ion Ratio Lower Upper

172 100

171 36.5 29.2 43.8

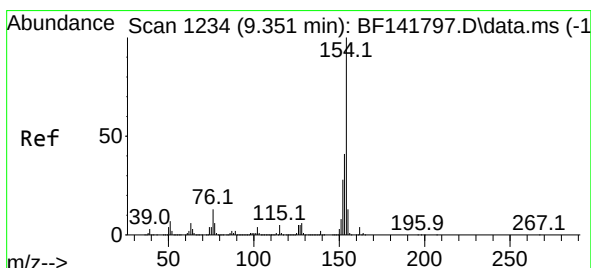
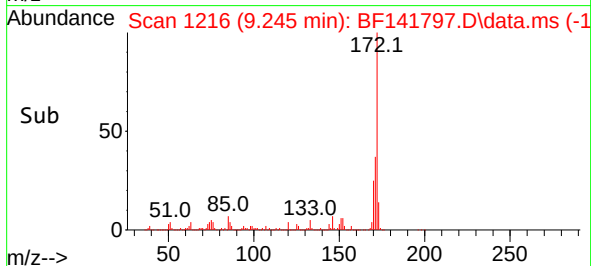
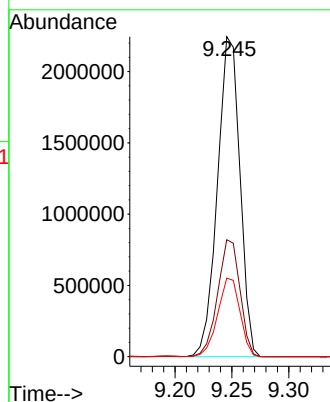
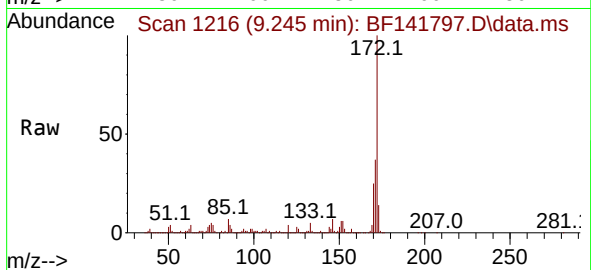
170 24.6 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#46

1,1'-Biphenyl

Concen: 39.917 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

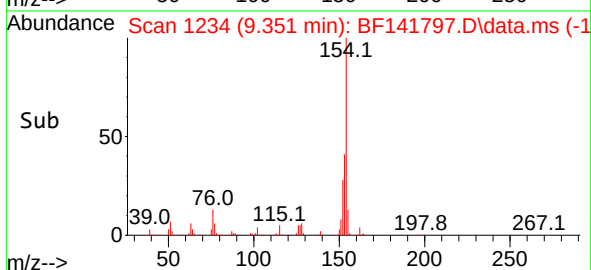
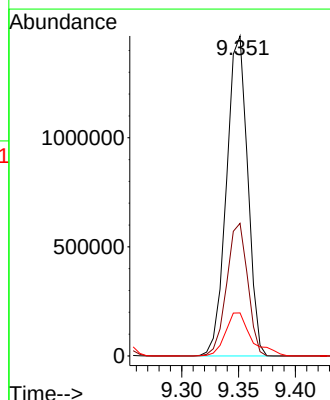
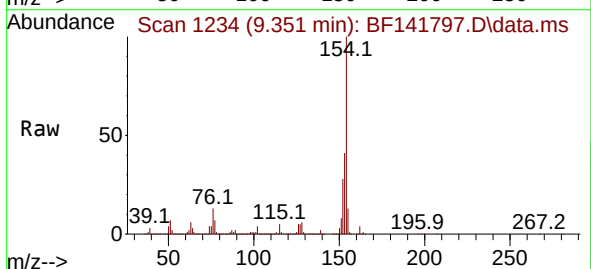
Tgt Ion:154 Resp: 1899694

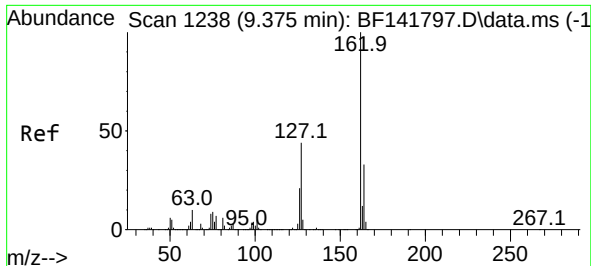
Ion Ratio Lower Upper

154 100

153 41.4 21.4 61.4

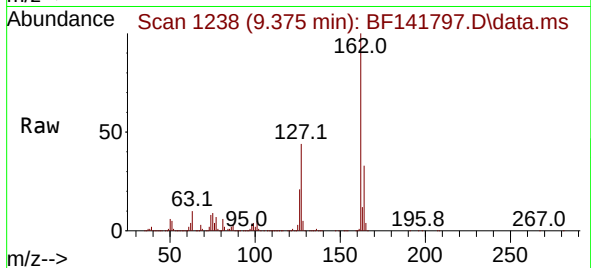
76 13.4 0.0 33.4





#47
2-Chloronaphthalene
Concen: 40.402 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

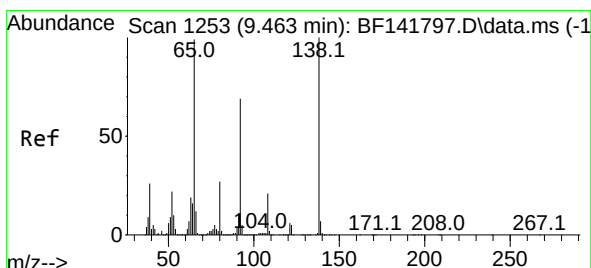
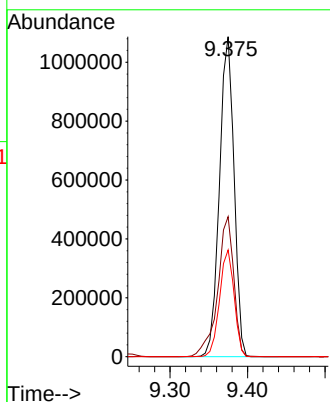
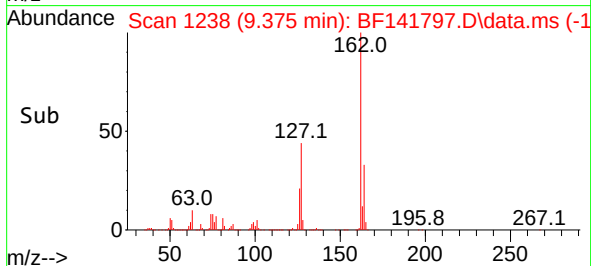
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 1419149
Ion Ratio Lower Upper
162 100
127 43.8 35.0 52.6
164 33.3 26.6 40.0

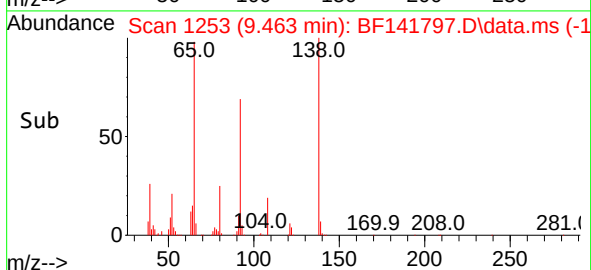
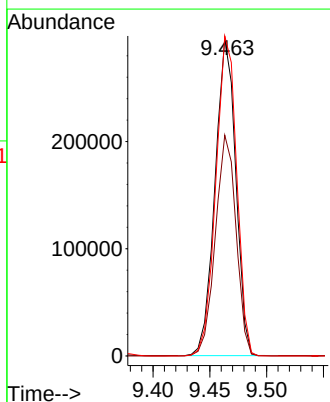
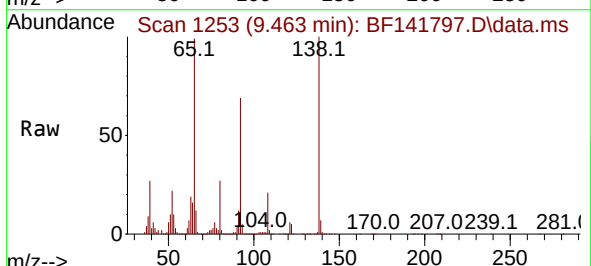
Manual Integrations
APPROVED

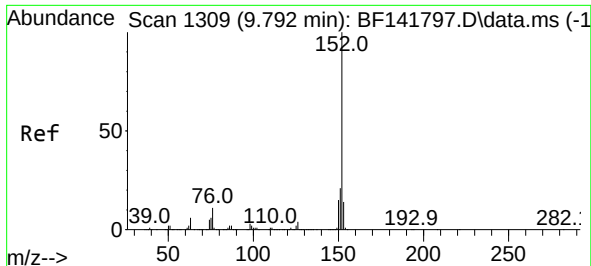
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#48
2-Nitroaniline
Concen: 39.827 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

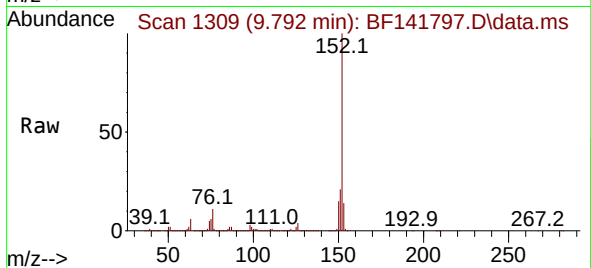
Tgt Ion: 65 Resp: 375120
Ion Ratio Lower Upper
65 100
92 69.6 55.7 83.5
138 100.8 80.6 121.0





#49
Acenaphthylene
Concen: 40.629 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

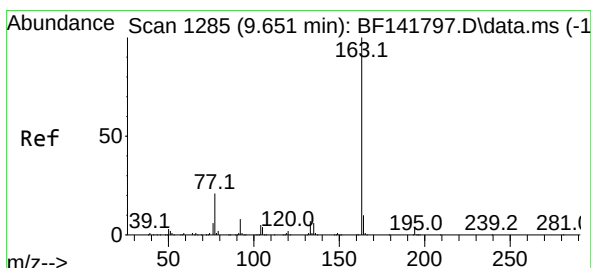
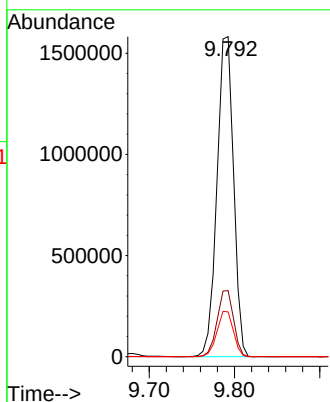
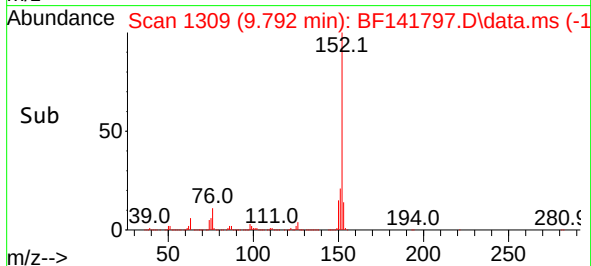
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



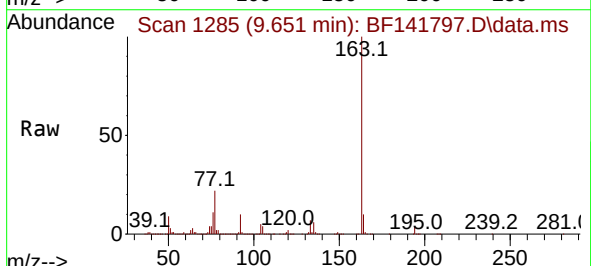
Tgt Ion:152 Resp: 213972
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.0 11.2 16.8

Manual Integrations
APPROVED

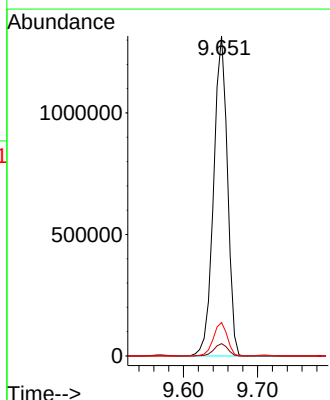
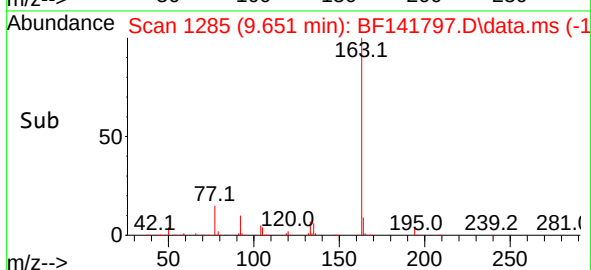
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

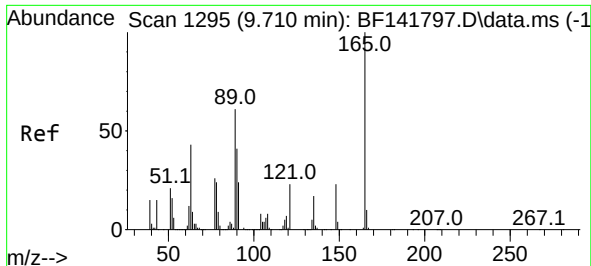


#50
Dimethylphthalate
Concen: 40.710 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



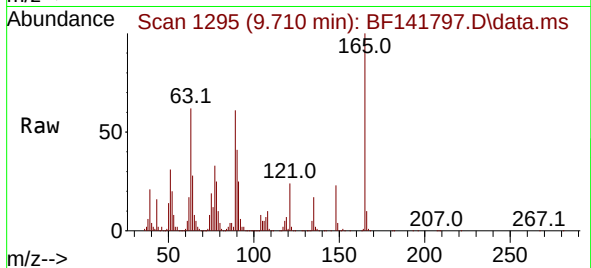
Tgt Ion:163 Resp: 1704601
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 40.557 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

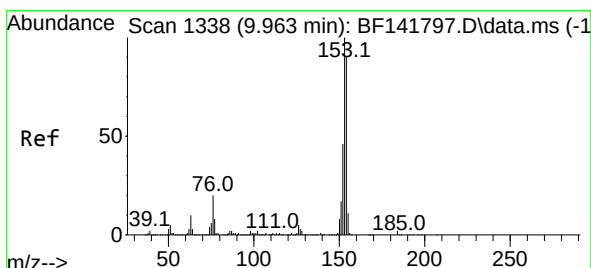
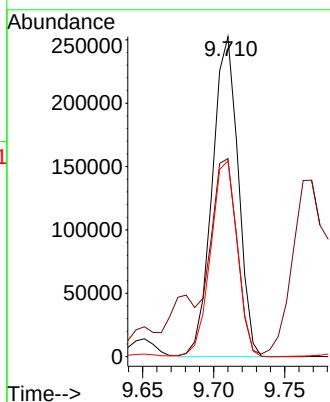
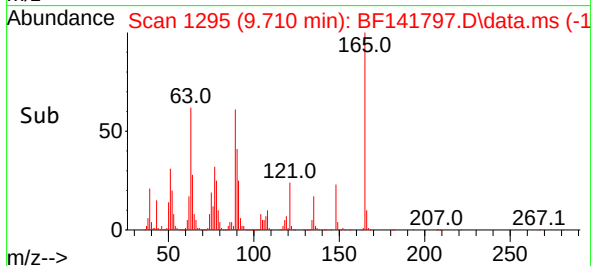
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 321129
Ion Ratio Lower Upper
165 100
63 61.9 49.5 74.3
89 61.2 49.0 73.4

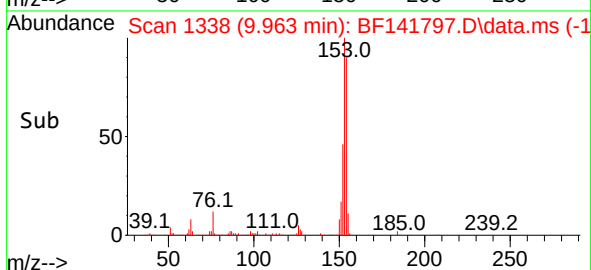
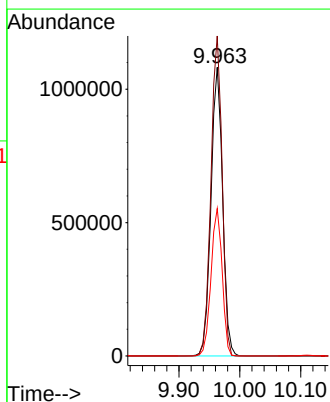
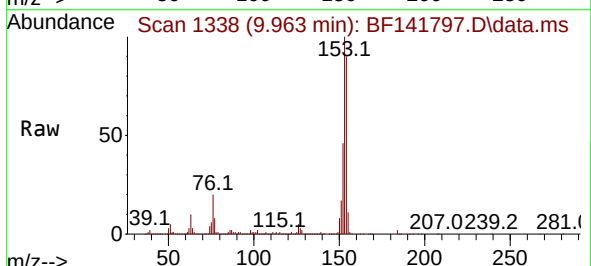
Manual Integrations
APPROVED

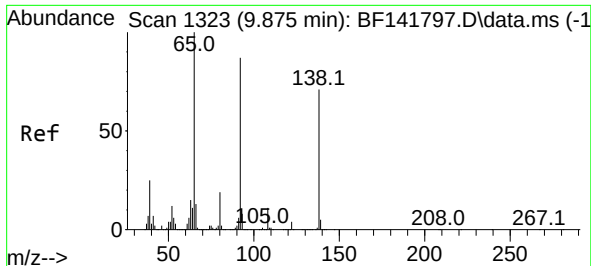
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#52
Acenaphthene
Concen: 40.461 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Tgt Ion:154 Resp: 1437821
Ion Ratio Lower Upper
154 100
153 110.9 88.7 133.1
152 51.1 40.9 61.3





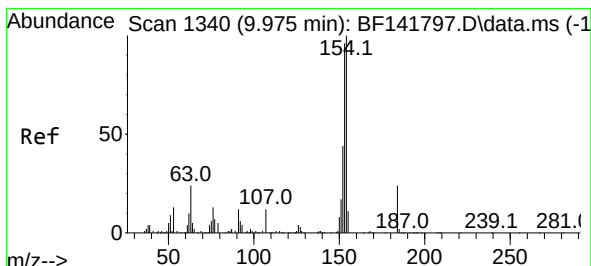
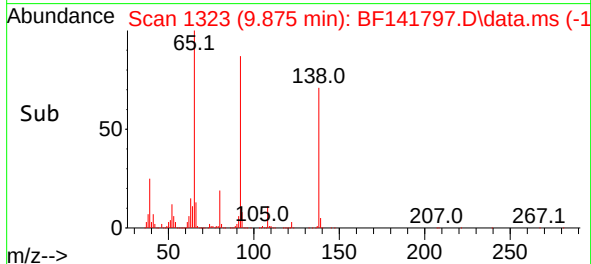
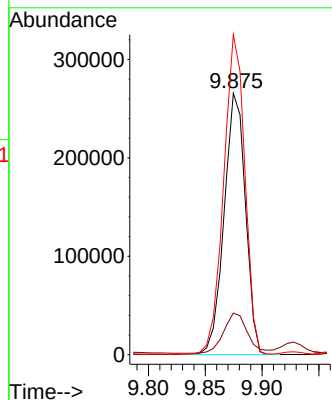
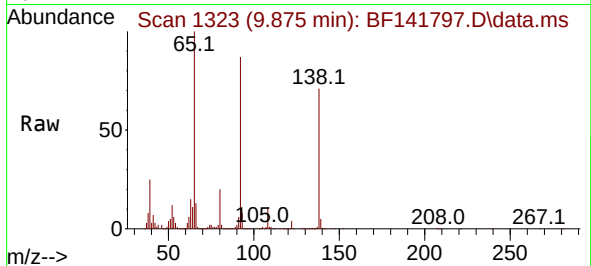
#53
3-Nitroaniline
Concen: 41.045 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 346294
Ion Ratio Lower Upper
138 100
108 15.9 12.7 19.1
92 122.4 97.9 146.9

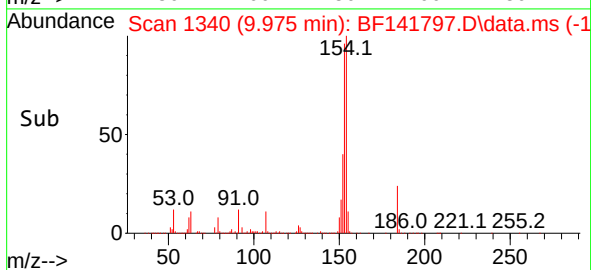
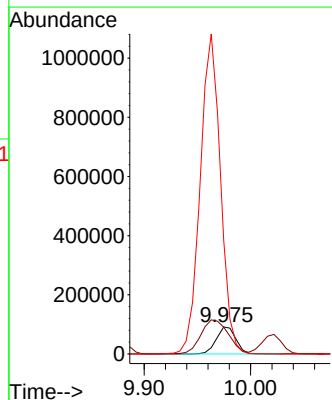
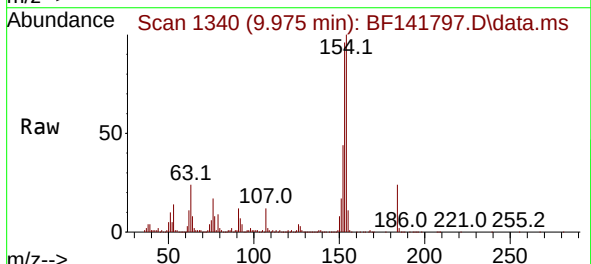
Manual Integrations
APPROVED

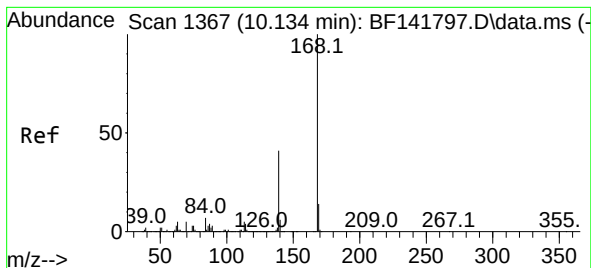
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#54
2,4-Dinitrophenol
Concen: 39.874 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

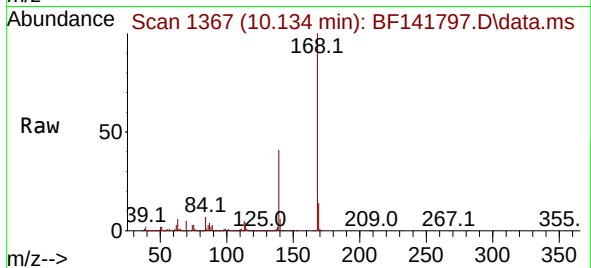
Tgt Ion:184 Resp: 115933
Ion Ratio Lower Upper
184 100
63 98.8 79.0 118.6
154 419.8 335.8 503.8





#55
Dibenzenofuran
Concen: 40.198 ng
RT: 10.134 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

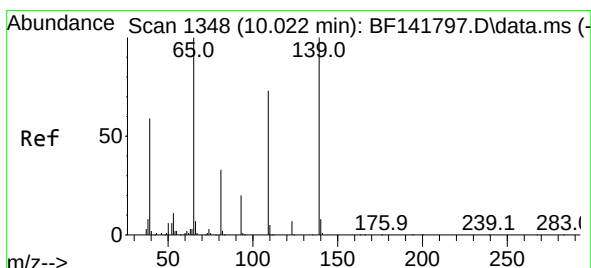
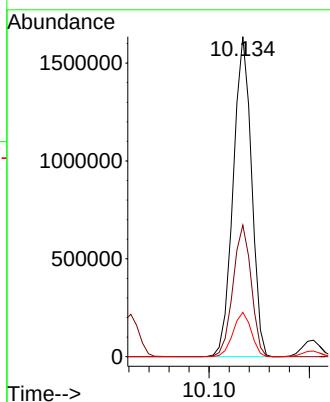
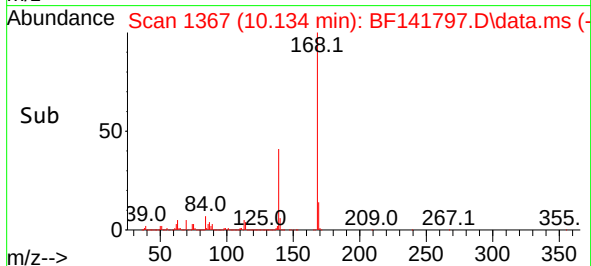
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



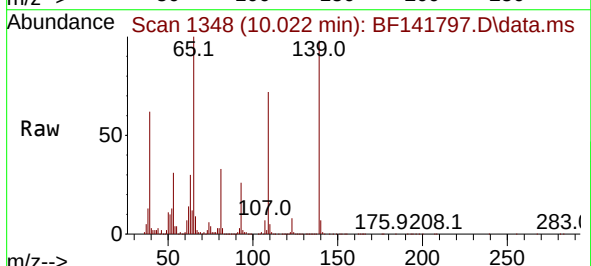
Tgt Ion:168 Resp: 2079139
Ion Ratio Lower Upper
168 100
139 41.1 32.9 49.3
169 13.9 11.1 16.7

Manual Integrations
APPROVED

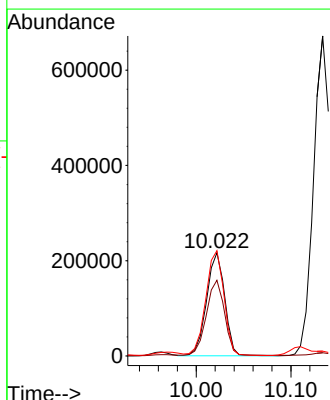
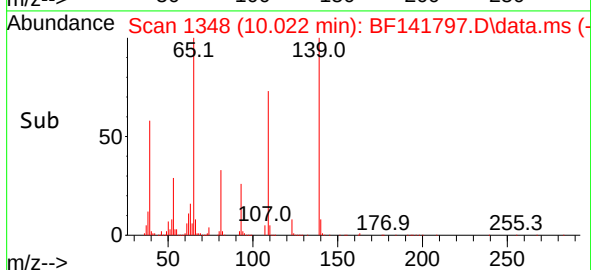
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

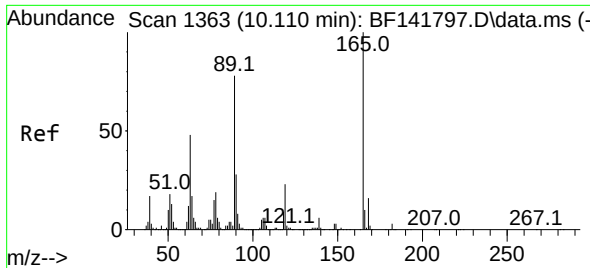


#56
4-Nitrophenol
Concen: 46.172 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



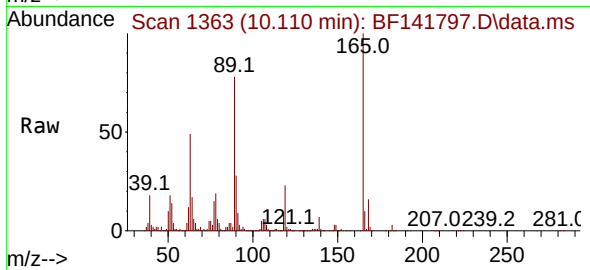
Tgt Ion:139 Resp: 285537
Ion Ratio Lower Upper
139 100
109 73.4 53.4 93.4
65 102.1 82.1 122.1





#57
2,4-Dinitrotoluene
Concen: 40.635 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

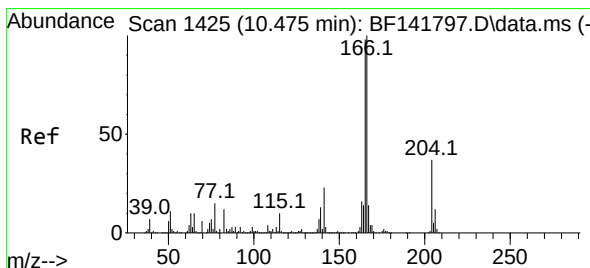
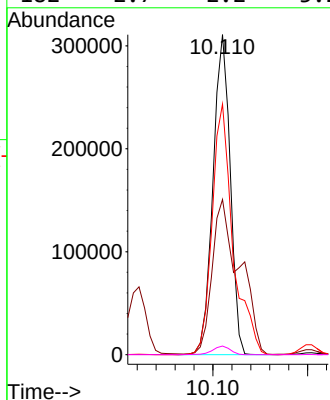
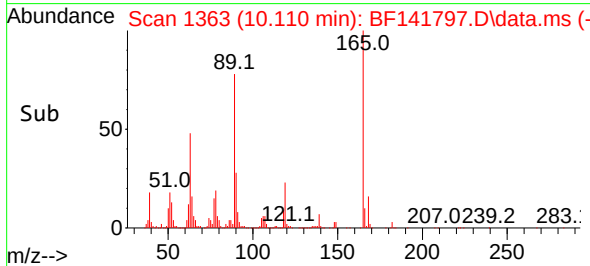
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 391858
Ion Ratio Lower Upper
165 100
63 48.5 38.8 58.2
89 78.3 62.6 94.0
182 2.7 2.2 3.2

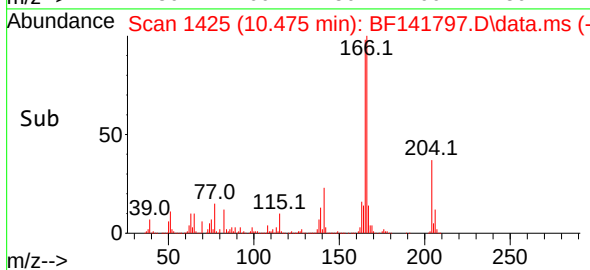
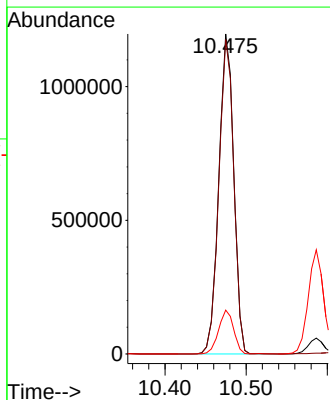
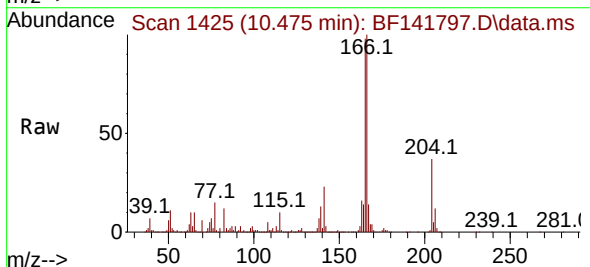
Manual Integrations
APPROVED

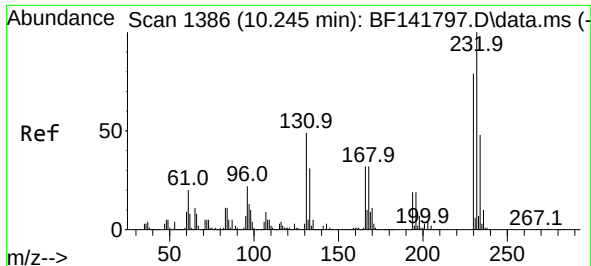
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#58
Fluorene
Concen: 39.650 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

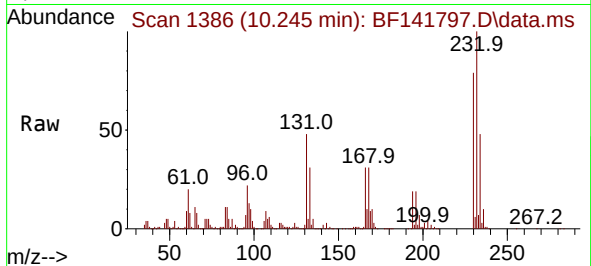
Tgt Ion:166 Resp: 1536139
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.235 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

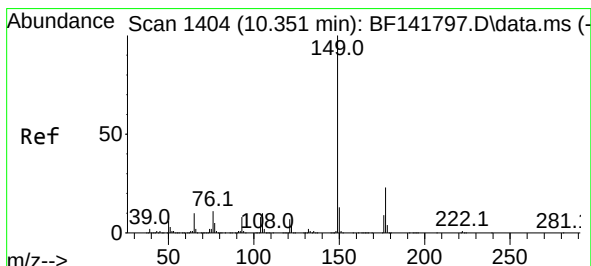
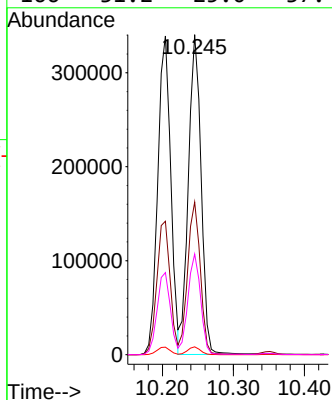
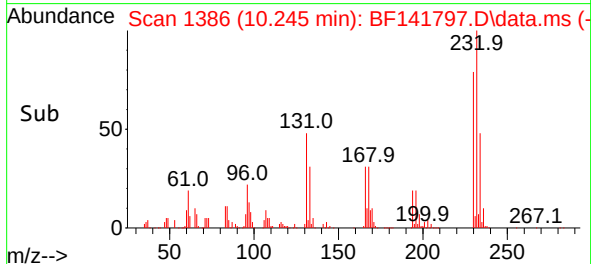
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 424271
Ion Ratio Lower Upper
232 100
131 47.3 37.8 56.8
130 2.5 2.0 3.0
166 31.2 25.0 37.4

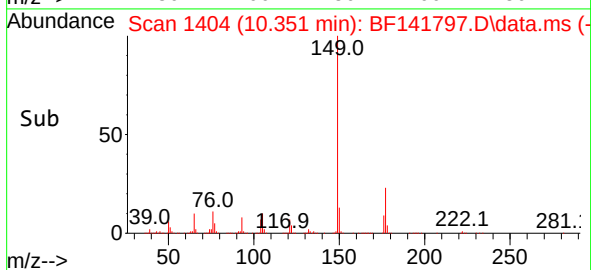
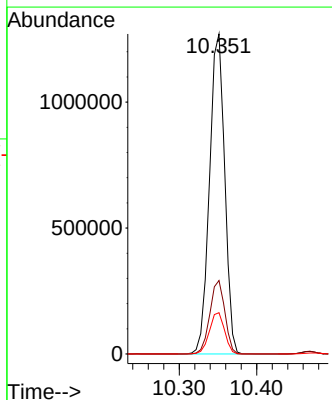
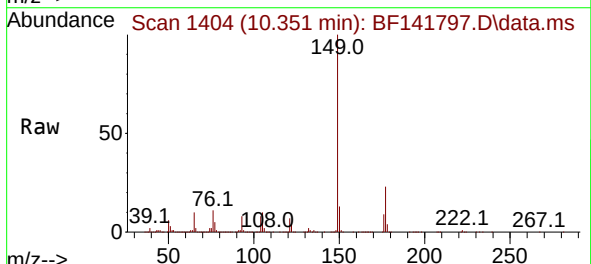
Manual Integrations
APPROVED

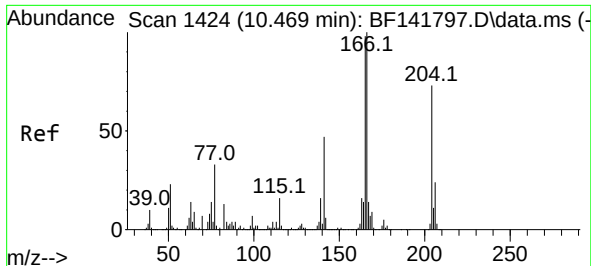
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#60
Diethylphthalate
Concen: 41.203 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

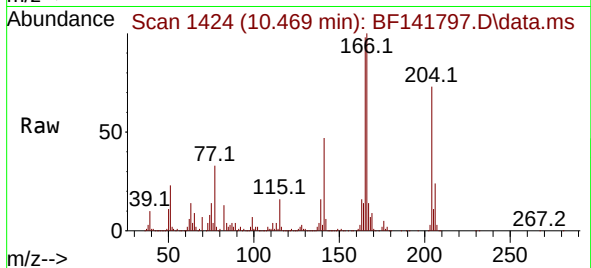
Tgt Ion:149 Resp: 1729522
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 39.939 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

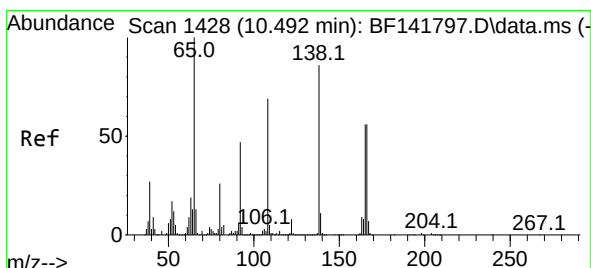
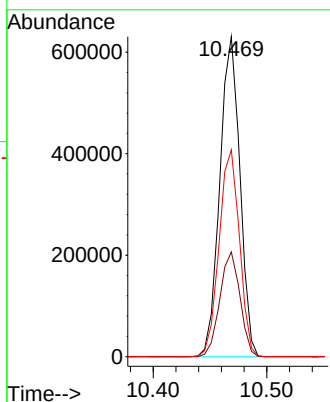
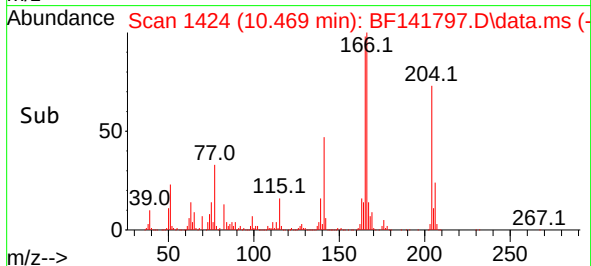
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 775274
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 64.6 51.7 77.5

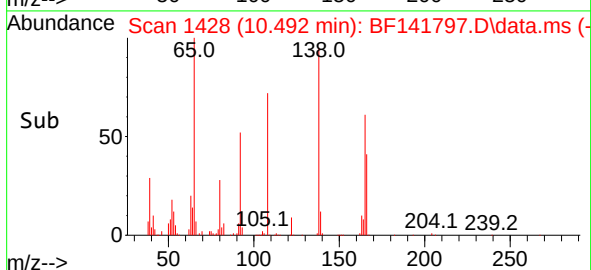
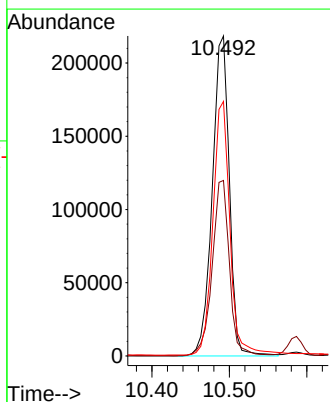
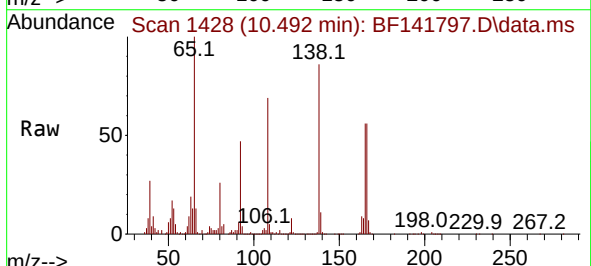
Manual Integrations
APPROVED

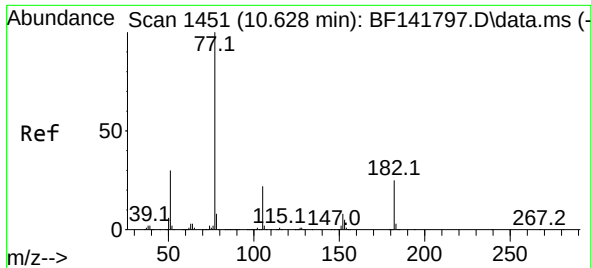
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#62
4-Nitroaniline
Concen: 46.685 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

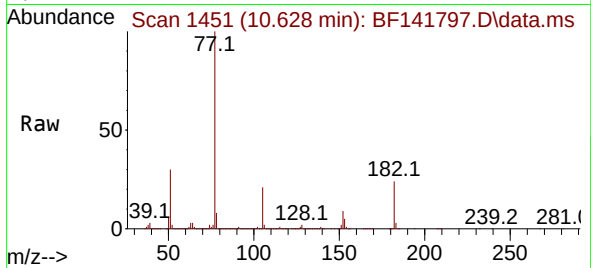
Tgt Ion:138 Resp: 333830
Ion Ratio Lower Upper
138 100
92 54.9 34.9 74.9
108 79.6 59.6 99.6





#63
Azobenzene
Concen: 40.657 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

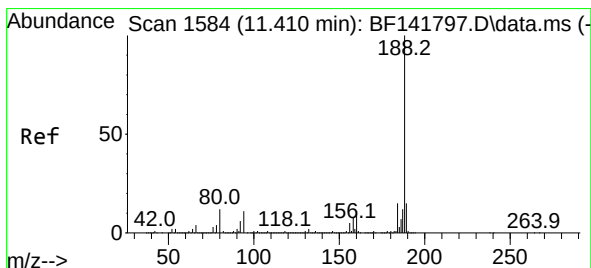
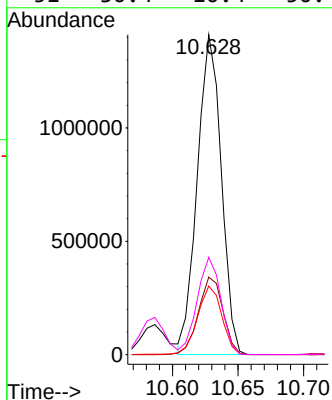
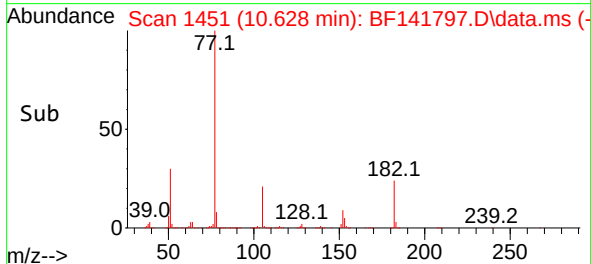
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 1796900
Ion Ratio Lower Upper
77 100
182 24.2 4.2 44.2
105 21.5 1.5 41.5
51 30.4 10.4 50.4

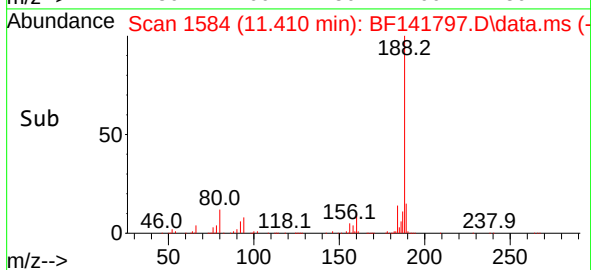
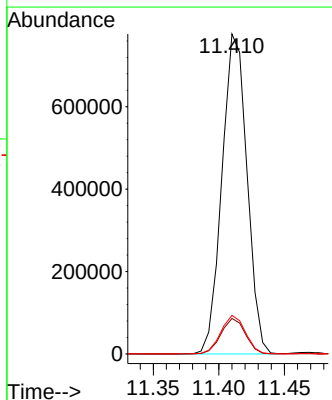
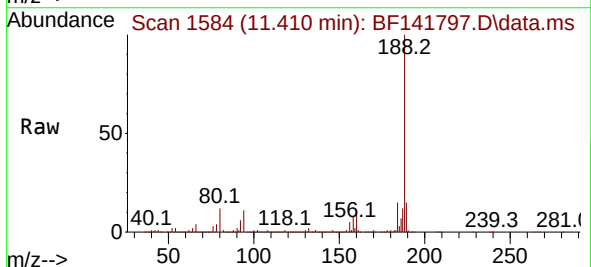
Manual Integrations
APPROVED

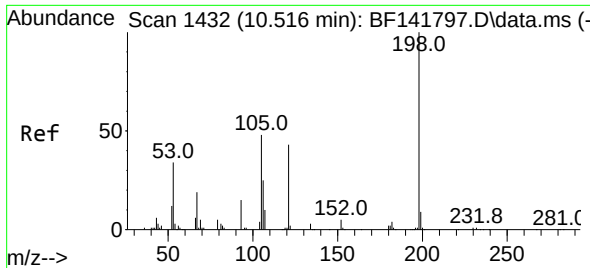
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

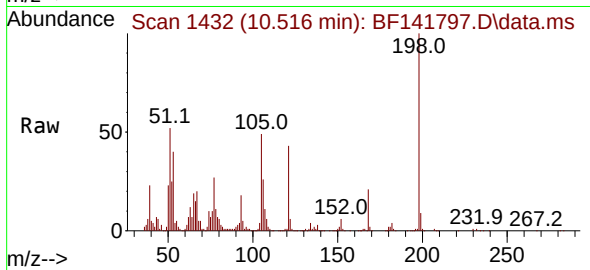
Tgt Ion:188 Resp: 1031875
Ion Ratio Lower Upper
188 100
94 11.1 8.9 13.3
80 12.1 9.7 14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 38.731 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

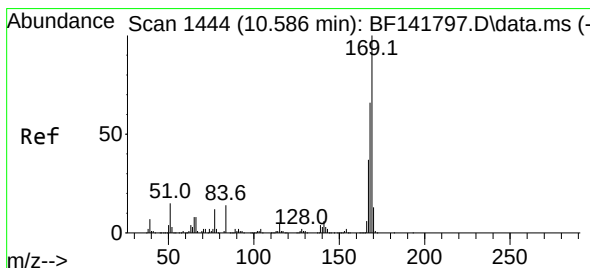
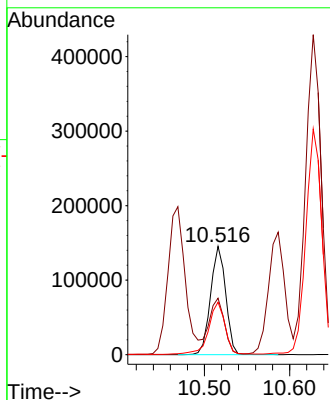
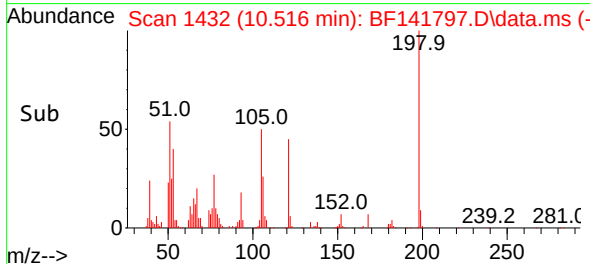
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:198 Resp: 179018
Ion Ratio Lower Upper
198 100
51 52.1 32.1 72.1
105 48.5 28.5 68.5

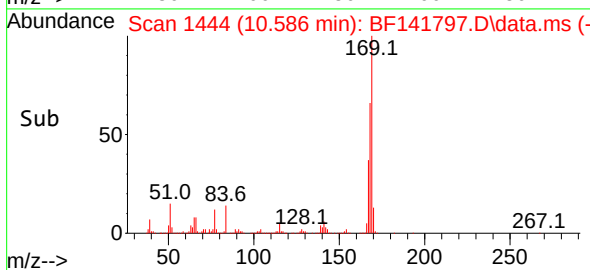
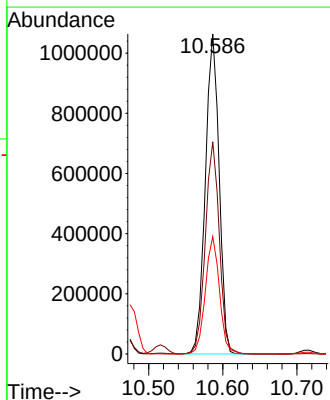
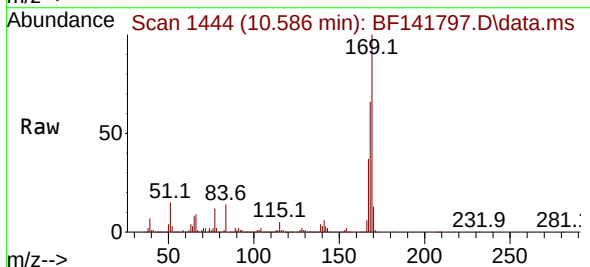
Manual Integrations
APPROVED

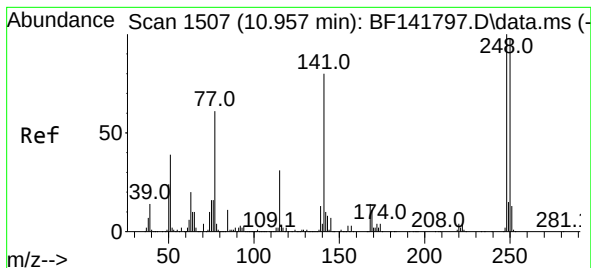
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#66
n-Nitrosodiphenylamine
Concen: 40.485 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

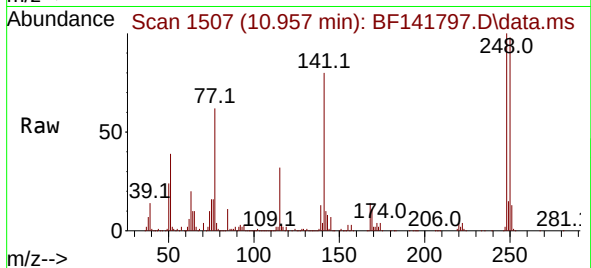
Tgt Ion:169 Resp: 1371761
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.6 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 40.722 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

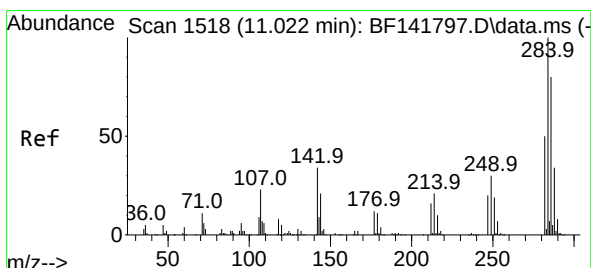
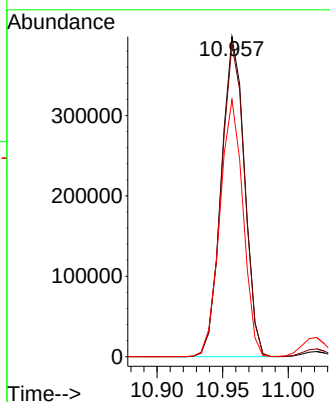
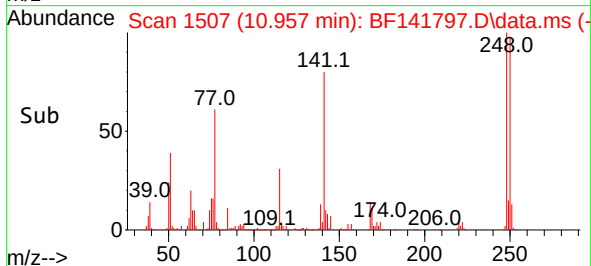
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 490810
Ion Ratio Lower Upper
248 100
250 97.6 78.1 117.1
141 80.4 64.3 96.5

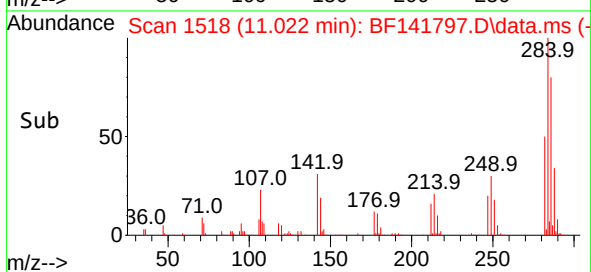
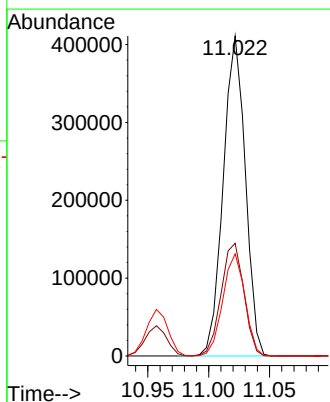
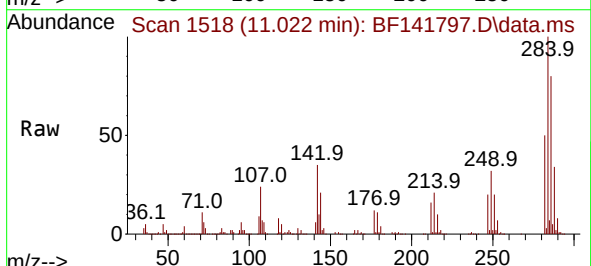
Manual Integrations
APPROVED

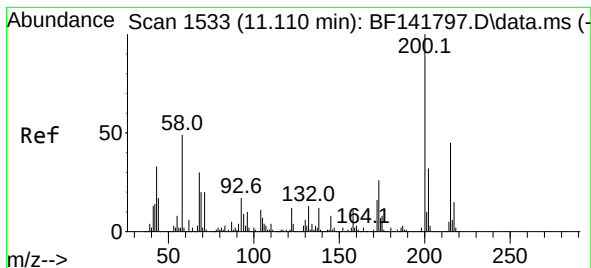
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#68
Hexachlorobenzene
Concen: 40.721 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Tgt Ion:284 Resp: 518266
Ion Ratio Lower Upper
284 100
142 35.2 28.2 42.2
249 31.9 25.5 38.3





#69

Atrazine

Concen: 39.649 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 369439

Ion Ratio Lower Upper

200 100

173 25.6 5.6 45.6

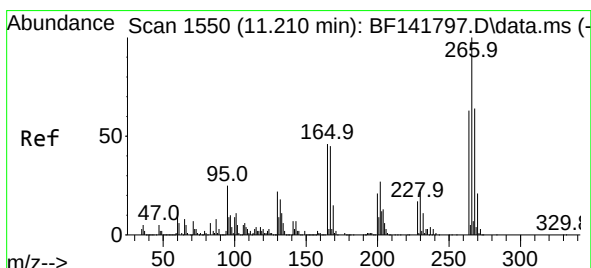
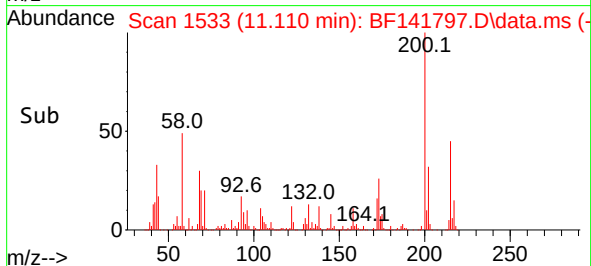
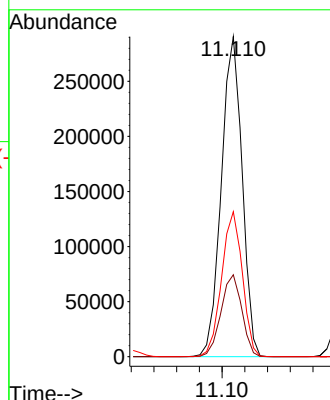
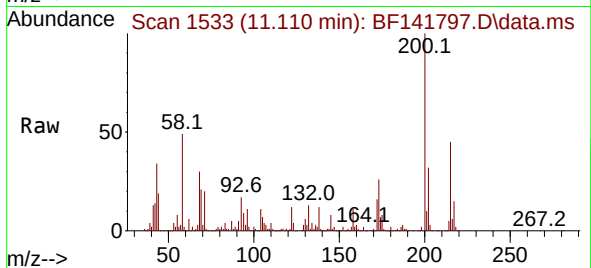
215 45.3 25.3 65.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#70

Pentachlorophenol

Concen: 43.086 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

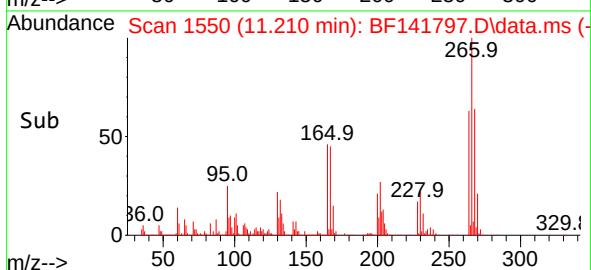
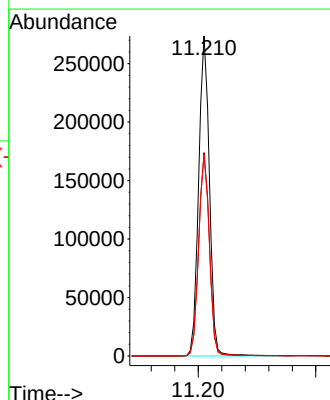
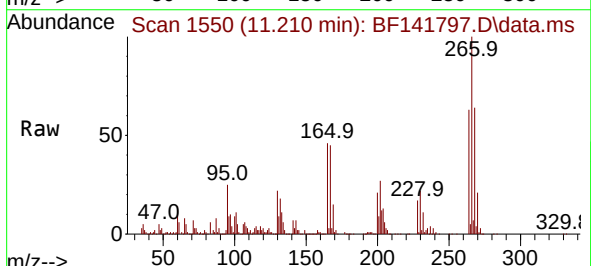
Tgt Ion:266 Resp: 347791

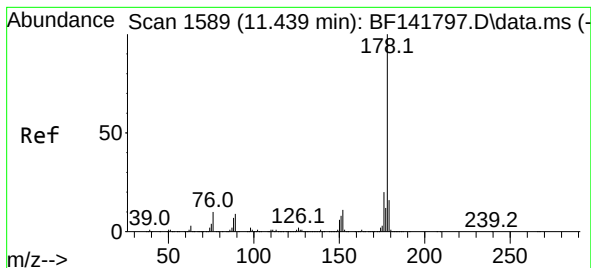
Ion Ratio Lower Upper

266 100

268 63.6 50.9 76.3

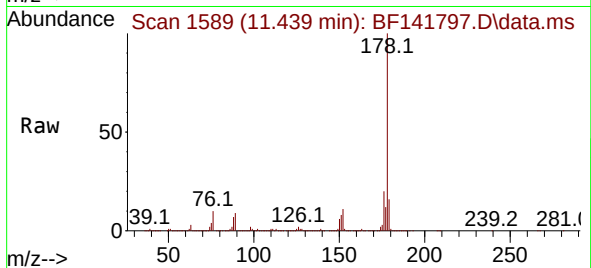
264 62.8 50.2 75.4





#71
Phenanthrene
Concen: 40.130 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

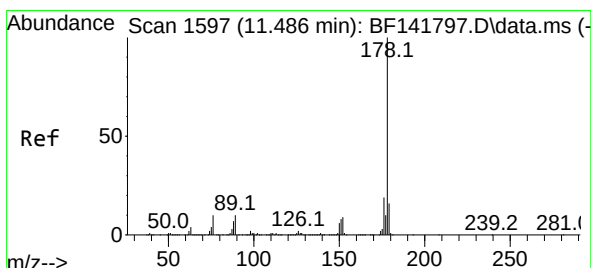
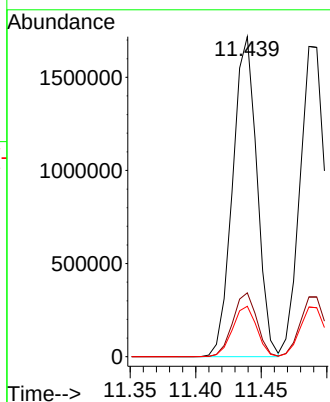
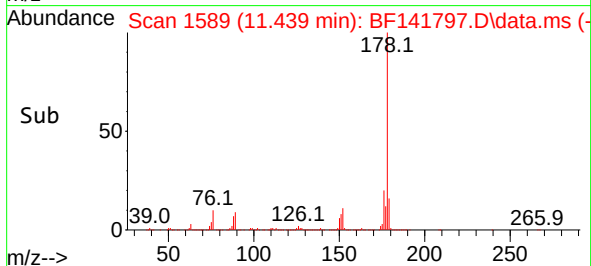
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 221495
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.8 12.6 19.0

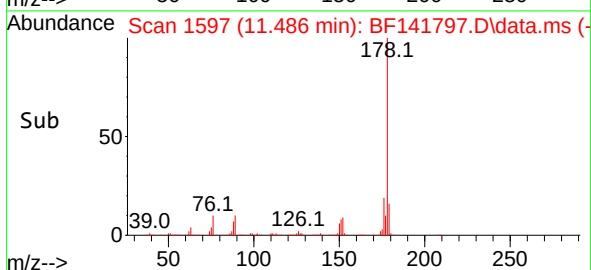
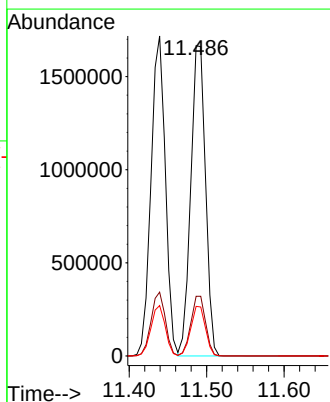
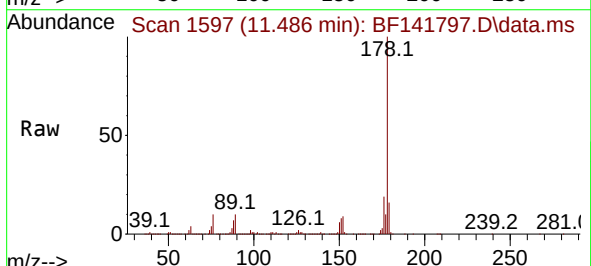
Manual Integrations
APPROVED

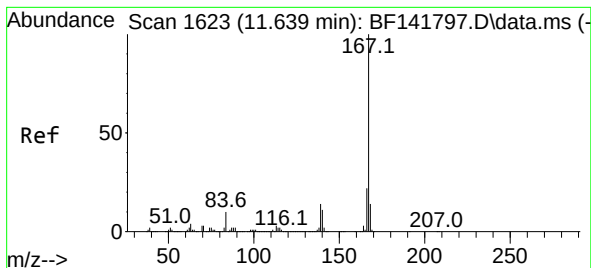
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#72
Anthracene
Concen: 39.845 ng
RT: 11.486 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

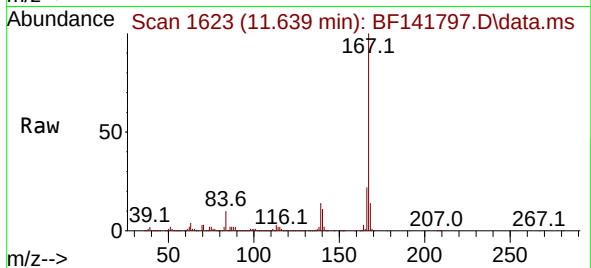
Tgt Ion:178 Resp: 2204147
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.0 12.8 19.2





#73
 Carbazole
 Concen: 40.358 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF141797.D
 Acq: 27 Feb 2025 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

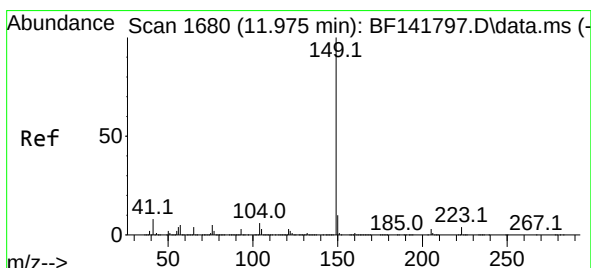
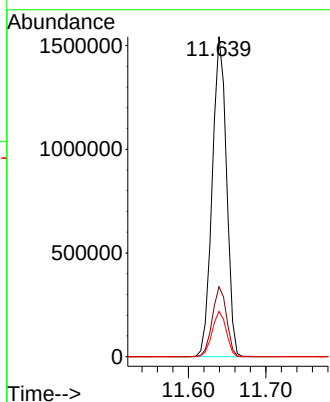
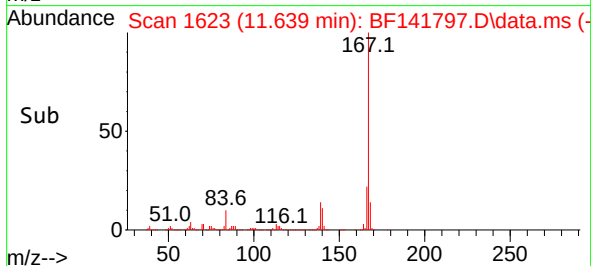


Tgt Ion:167 Resp: 197149

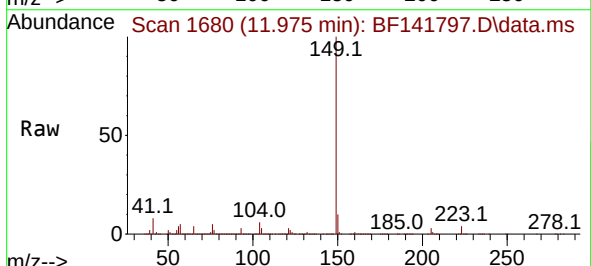
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	14.1	11.3	16.9

Manual Integrations
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Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

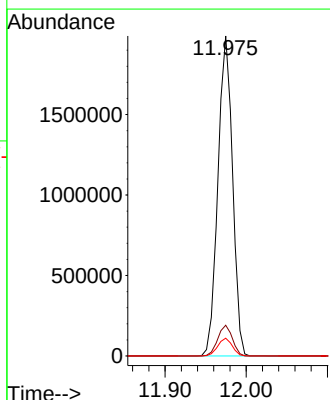
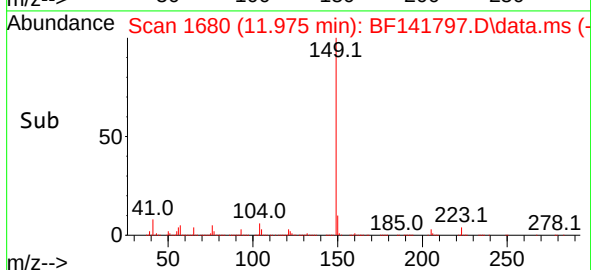


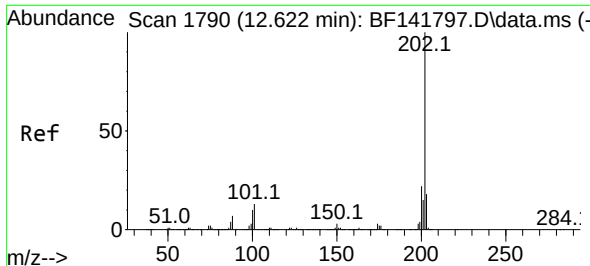
#74
 Di-n-butylphthalate
 Concen: 40.274 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF141797.D
 Acq: 27 Feb 2025 17:16



Tgt Ion:149 Resp: 2493783

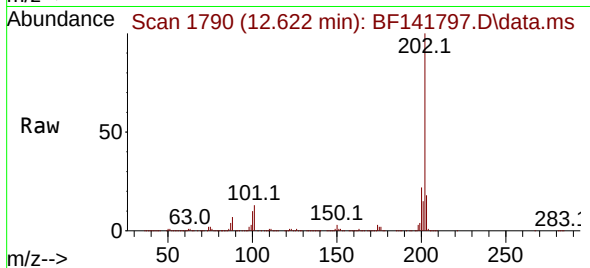
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.5	4.4	6.6





#75
Fluoranthene
Concen: 39.753 ng
RT: 12.622 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

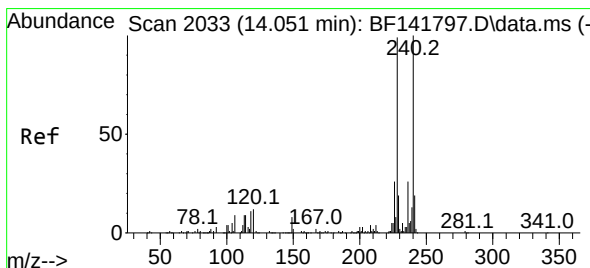
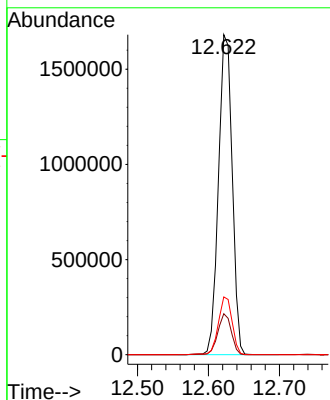
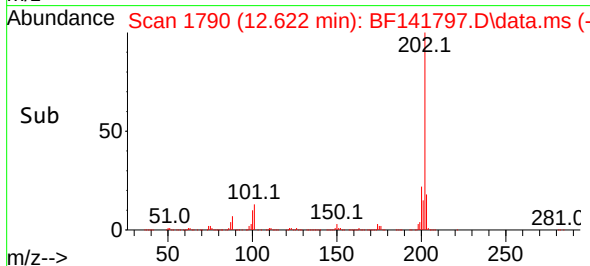
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 2248284
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.8
203 18.0 0.0 38.0

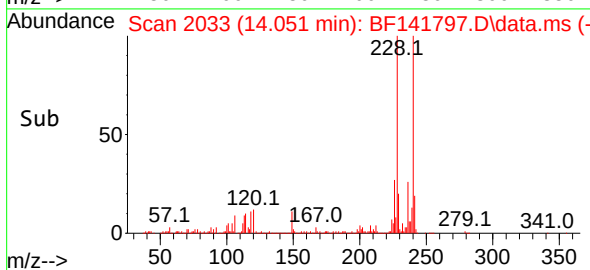
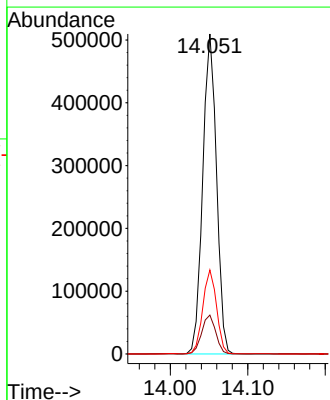
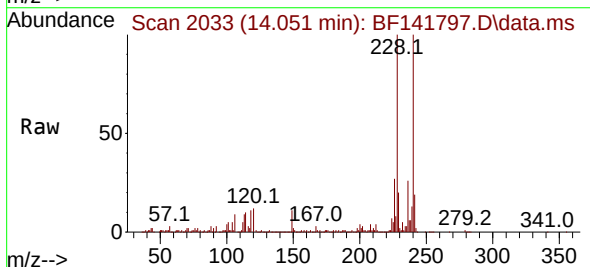
Manual Integrations
APPROVED

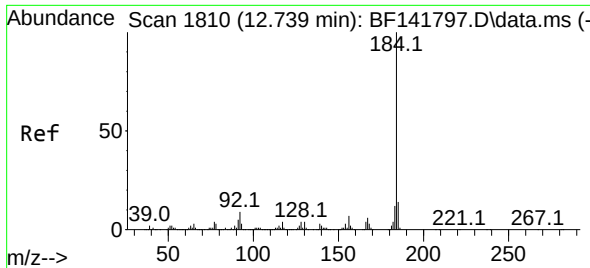
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

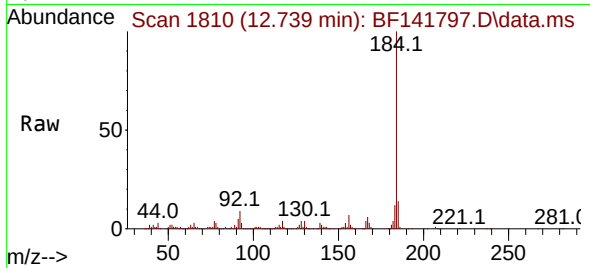
Tgt Ion:240 Resp: 629307
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 26.2 21.0 31.4





#77
Benzidine
Concen: 41.235 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

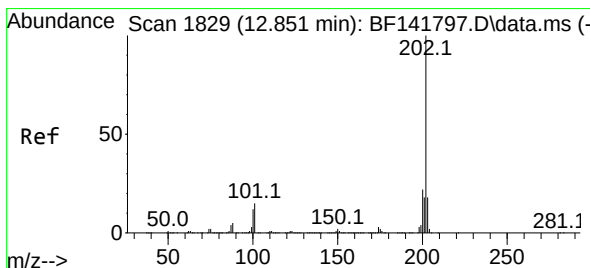
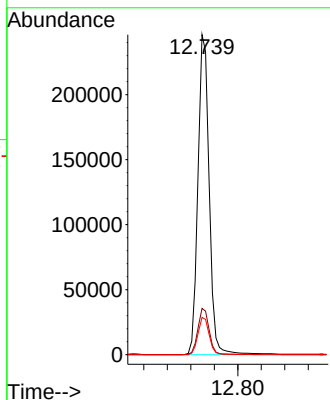
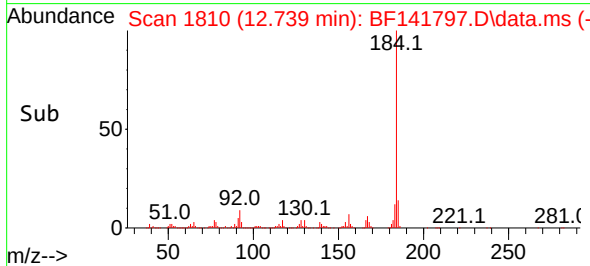
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



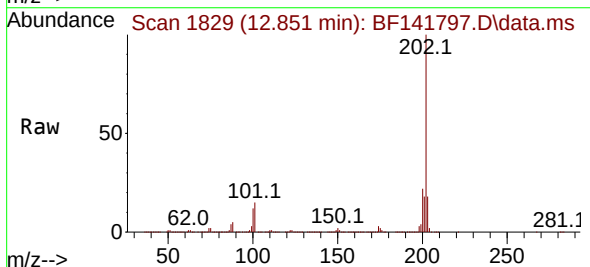
Tgt Ion:184 Resp: 326609
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.7 9.4 14.0

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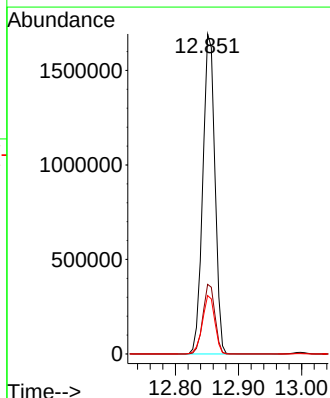
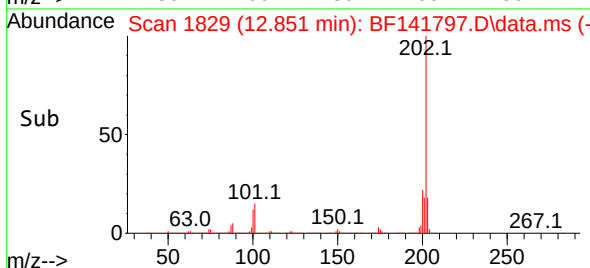
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

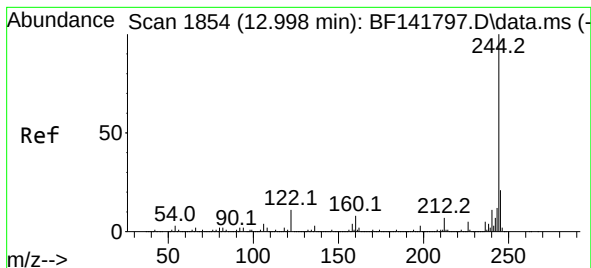


#78
Pyrene
Concen: 41.470 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16



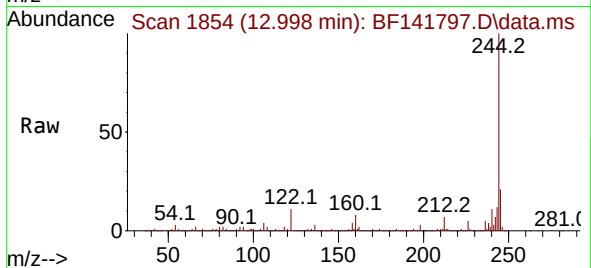
Tgt Ion:202 Resp: 2259888
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 18.3 14.6 22.0





#79
 Terphenyl-d14
 Concen: 81.511 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF141797.D
 Acq: 27 Feb 2025 17:16

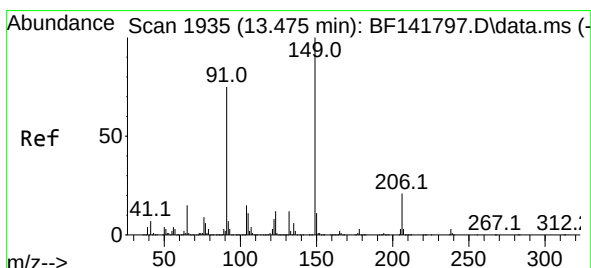
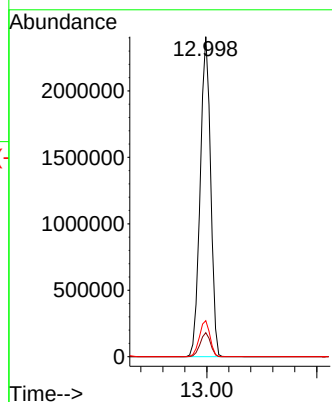
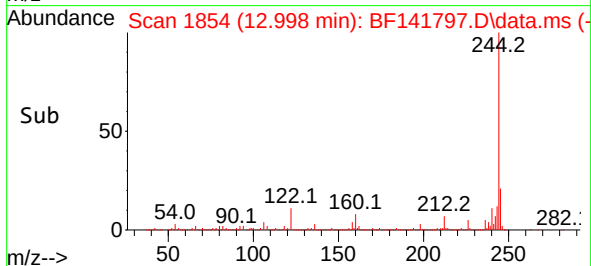
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



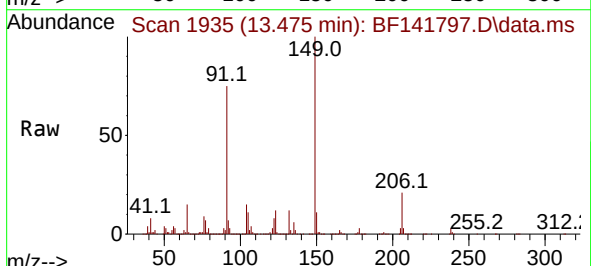
Tgt Ion:244 Resp: 317044
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.3 9.0 13.6

Manual Integrations
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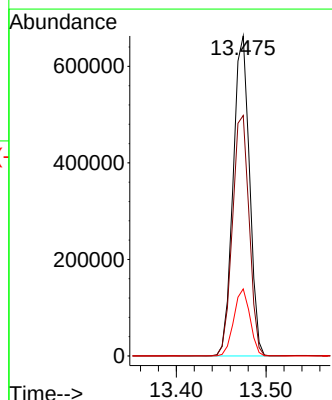
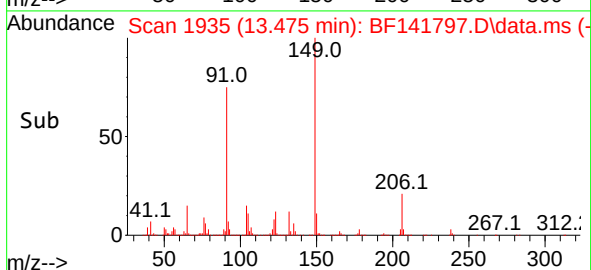
Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :mohammad ahmed 02/28/2025

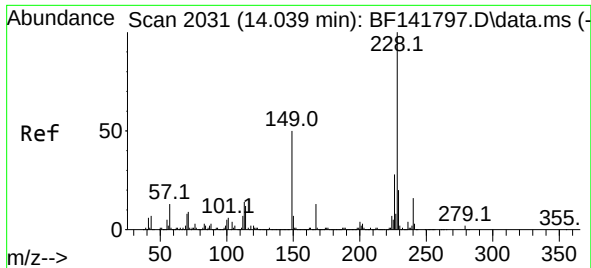


#80
 Butylbenzylphthalate
 Concen: 42.452 ng
 RT: 13.475 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF141797.D
 Acq: 27 Feb 2025 17:16



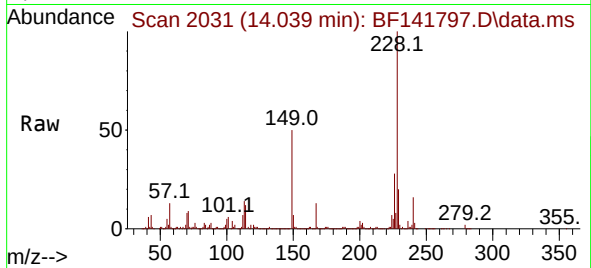
Tgt Ion:149 Resp: 840509
 Ion Ratio Lower Upper
 149 100
 91 75.1 60.1 90.1
 206 21.0 16.8 25.2





#81
Benzo(a)anthracene
Concen: 39.742 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

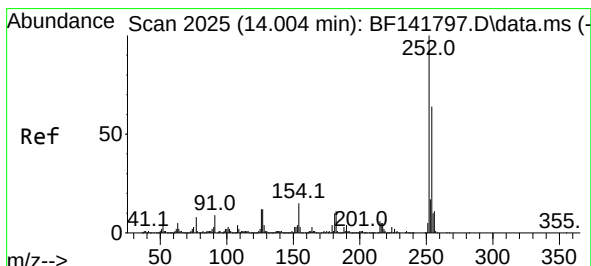
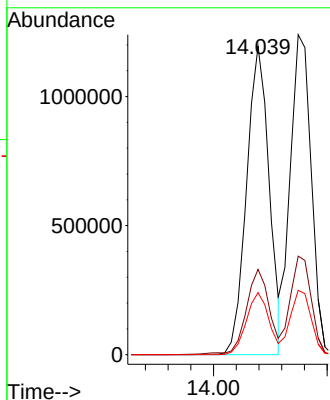
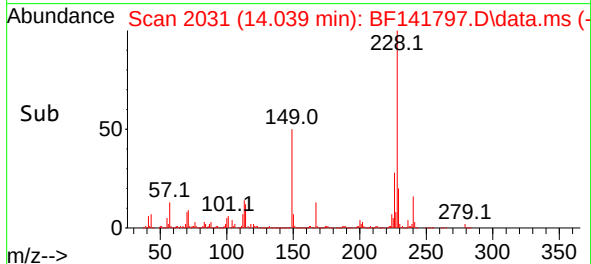
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 1651930
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.1 16.1 24.1

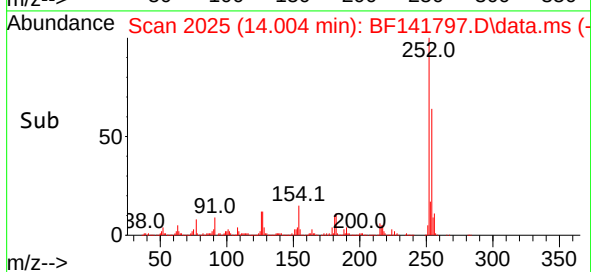
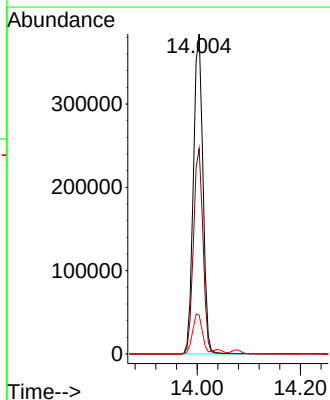
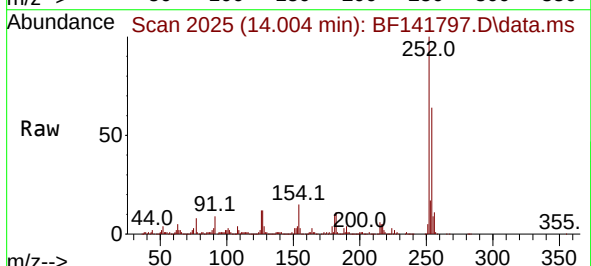
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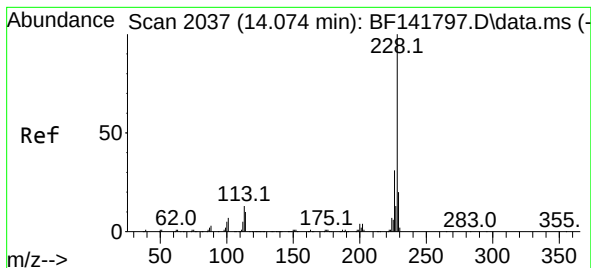
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.467 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Tgt Ion:252 Resp: 494528
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 12.2 9.8 14.6





#83

Chrysene

Concen: 41.543 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 159181

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

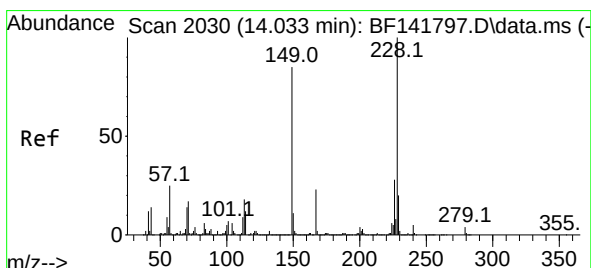
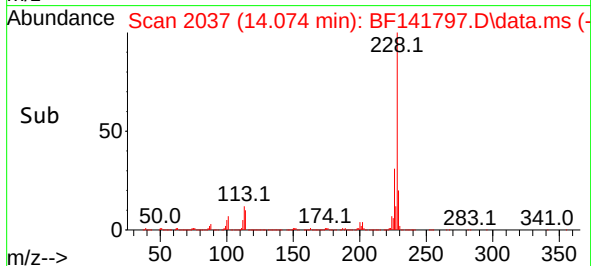
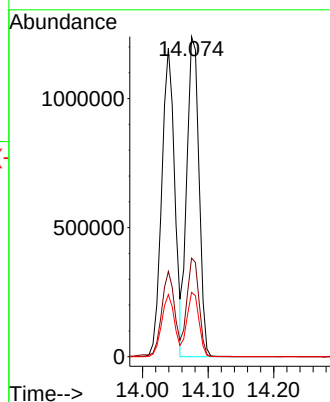
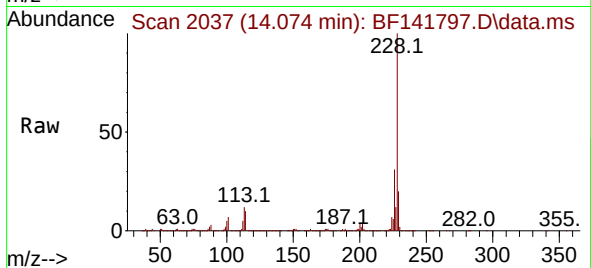
229 20.1 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.458 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

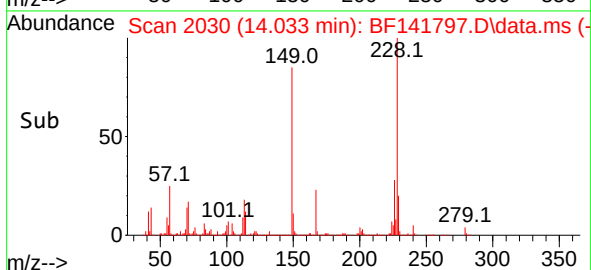
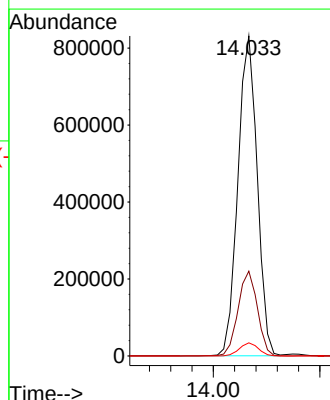
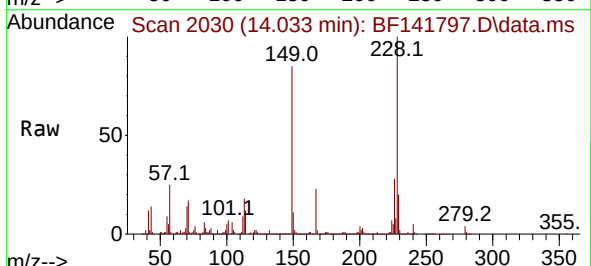
Tgt Ion:149 Resp: 1046693

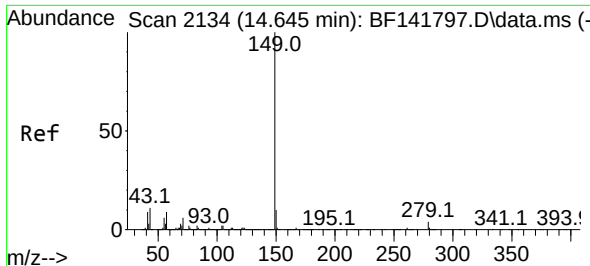
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

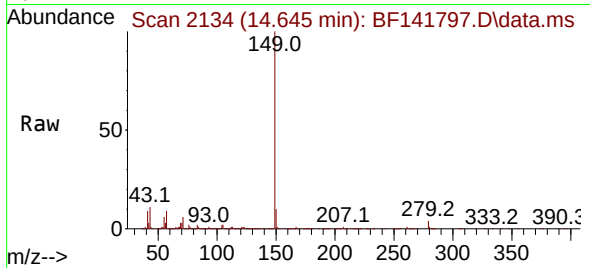
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 44.568 ng
RT: 14.645 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

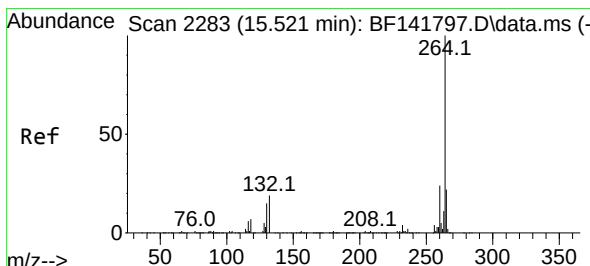
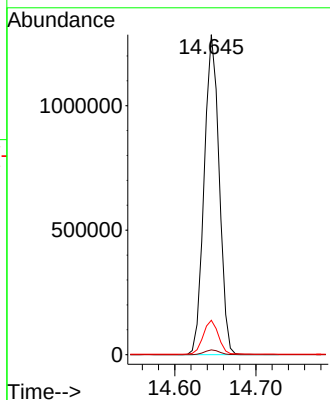
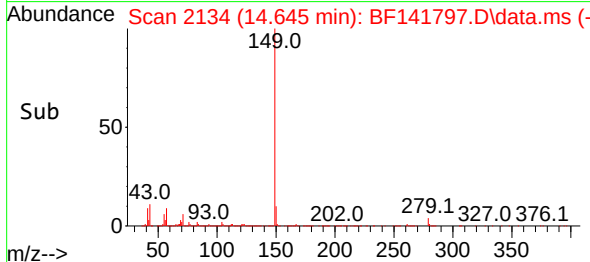
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 164490
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.7 8.6 12.8

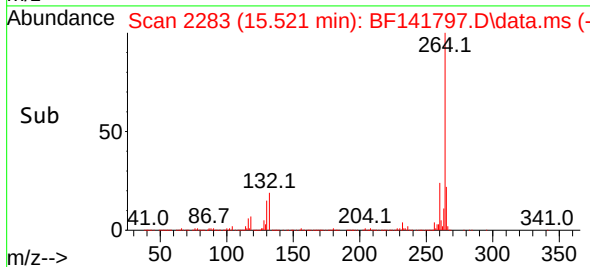
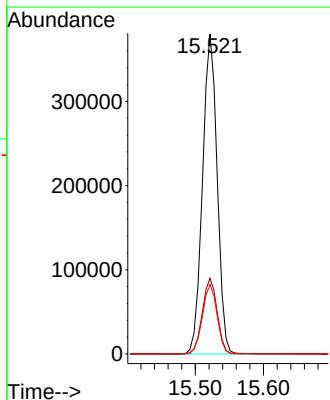
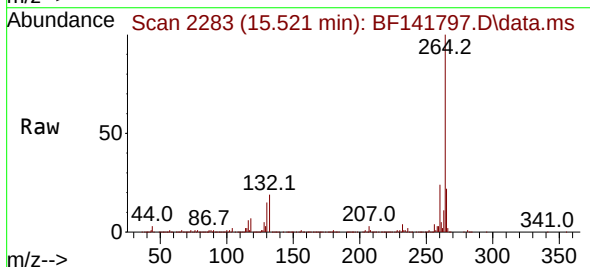
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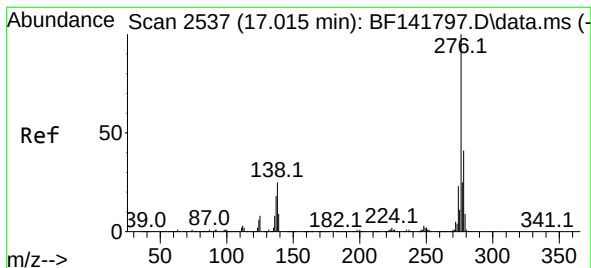
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Tgt Ion:264 Resp: 567240
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.264 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:276 Resp: 152657

Ion Ratio Lower Upper

276 100

138 28.1 22.5 33.7

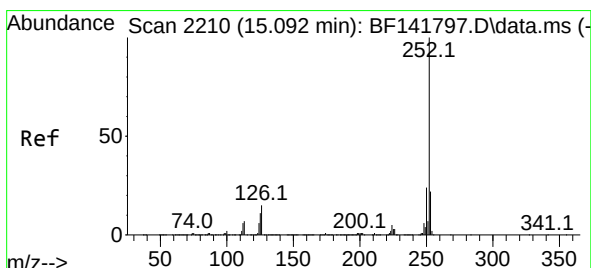
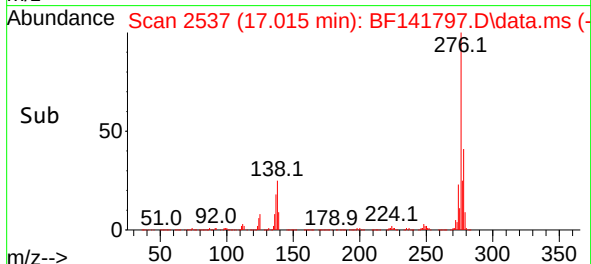
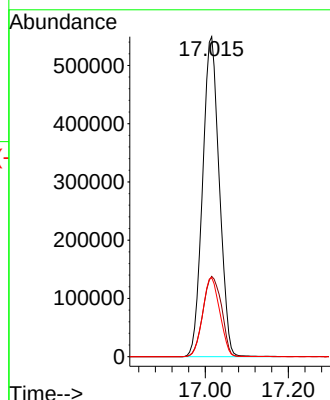
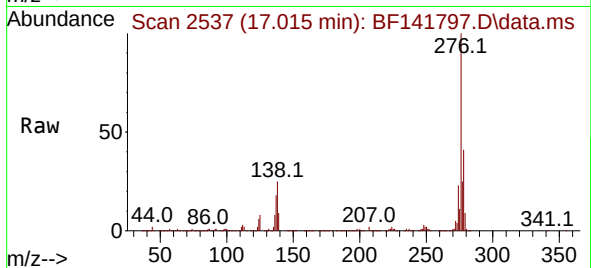
277 25.4 20.3 30.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#88

Benzo(b)fluoranthene

Concen: 38.353 ng

RT: 15.092 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF141797.D

Acq: 27 Feb 2025 17:16

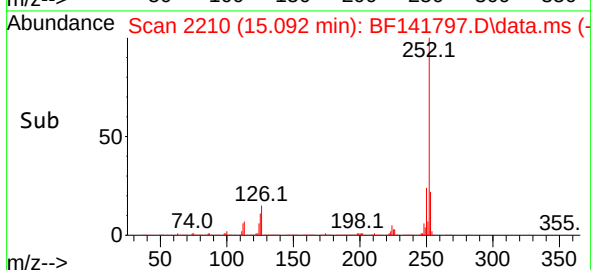
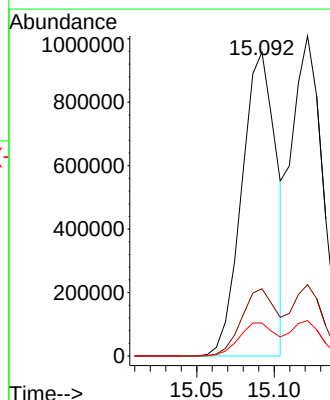
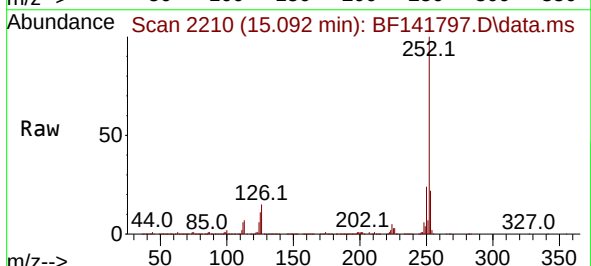
Tgt Ion:252 Resp: 1481931

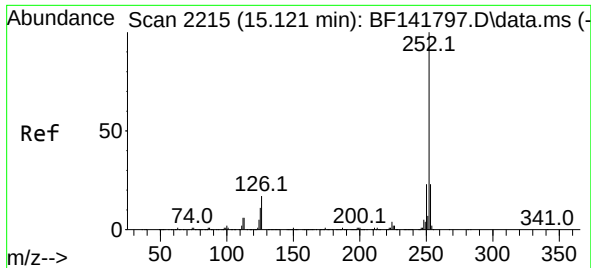
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

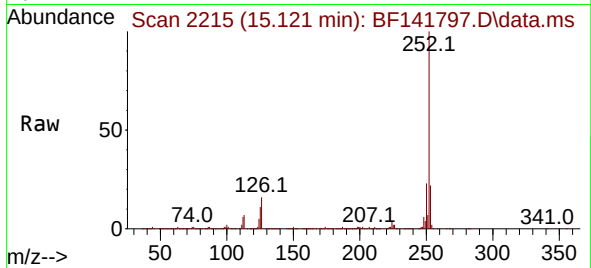
125 10.8 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 41.943 ng
RT: 15.121 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

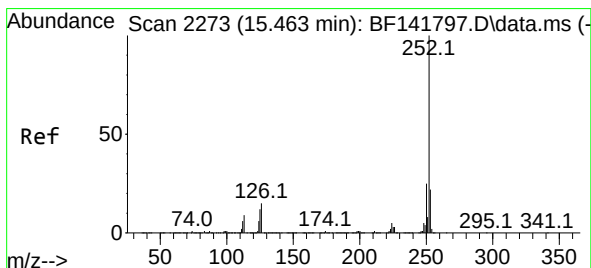
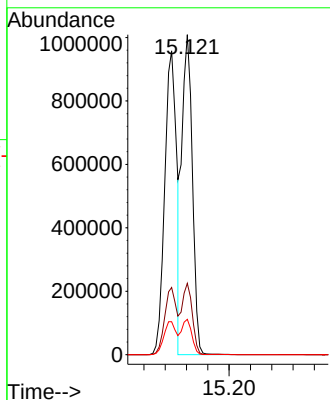
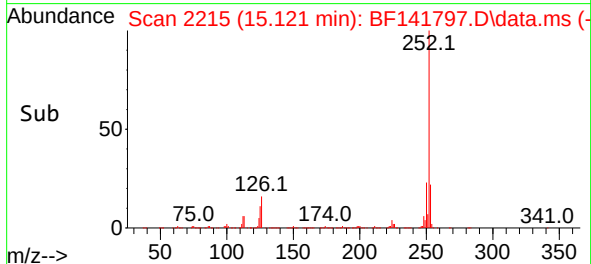
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:252 Resp: 1377470
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.0 8.8 13.2

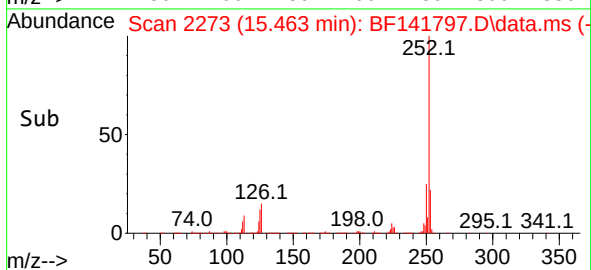
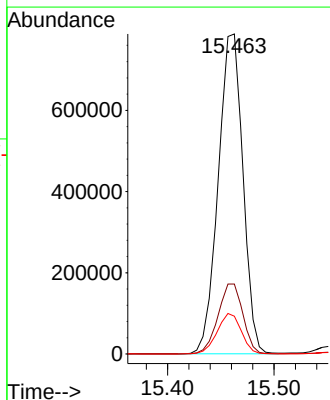
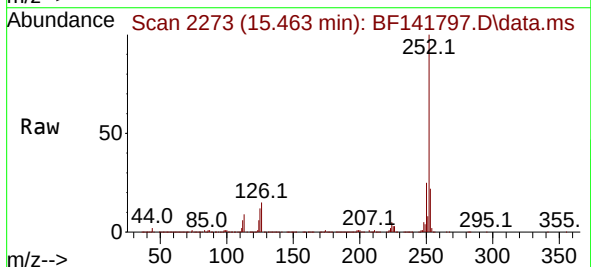
Manual Integrations
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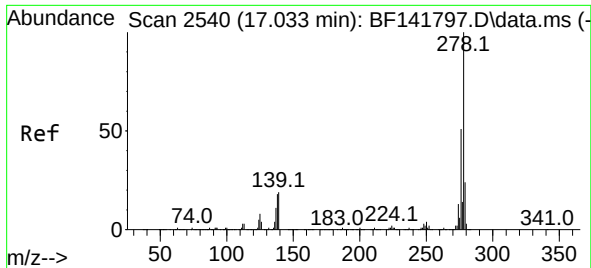
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#90
Benzo(a)pyrene
Concen: 40.981 ng
RT: 15.463 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

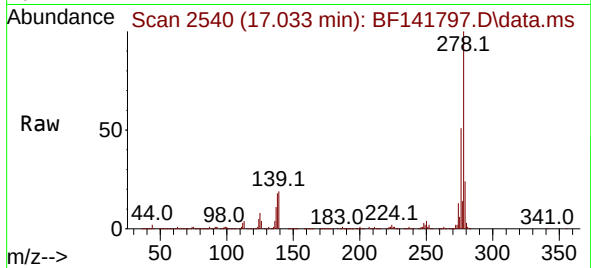
Tgt Ion:252 Resp: 1269914
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.8 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 42.664 ng
RT: 17.033 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

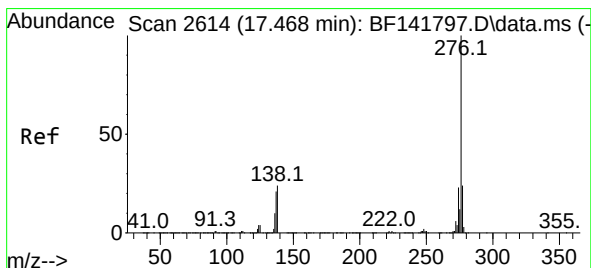
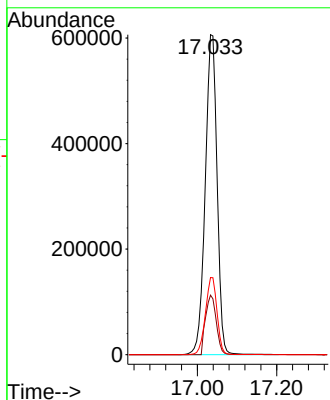
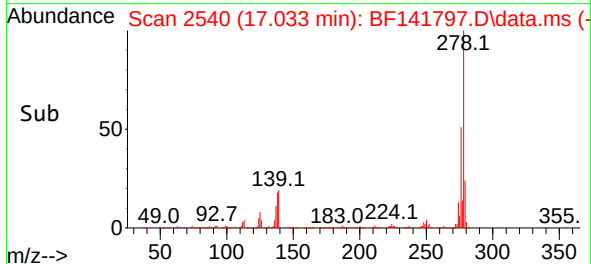
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 1257860
Ion Ratio Lower Upper
278 100
139 18.6 14.9 22.3
279 24.1 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025



#92
Benzo(g,h,i)perylene
Concen: 42.430 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.000 min
Lab File: BF141797.D
Acq: 27 Feb 2025 17:16

Tgt Ion:276 Resp: 1281590
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 24.1 19.3 28.9

