

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141621.D
 Acq On : 13 Feb 2025 18:08
 Operator : RC/JU
 Sample : Q1353-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346MS

Quant Time: Feb 14 00:35:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli

02/14/2025
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	106869	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	429721	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	227122	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	357134	20.000	ng	0.00
76) Chrysene-d12	13.951	240	214860	20.000	ng	-0.01
86) Perylene-d12	15.398	264	216685	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	696265	102.140	ng	0.00
7) Phenol-d6	6.434	99	859858	99.800	ng	0.00
23) Nitrobenzene-d5	7.351	82	571963	69.423	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	223053	97.764	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1054241	71.513	ng	0.00
79) Terphenyl-d14	12.892	244	958826	75.336	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	111749	40.731	ng	99
3) Pyridine	3.328	79	222161	34.028	ng	97
4) n-Nitrosodimethylamine	3.281	42	170865	39.525	ng	94
6) Aniline	6.457	93	121639	15.051	ng	# 62
8) 2-Chlorophenol	6.575	128	314739	42.730	ng	99
9) Benzaldehyde	6.334	77	164313	35.888	ng	98
10) Phenol	6.445	94	370041	41.265	ng	81
11) bis(2-Chloroethyl)ether	6.522	93	301390	44.747	ng	99
12) 1,3-Dichlorobenzene	6.728	146	330691	42.526	ng	97
13) 1,4-Dichlorobenzene	6.804	146	335584	42.238	ng	99
14) 1,2-Dichlorobenzene	6.957	146	317293	43.029	ng	99
15) Benzyl Alcohol	6.934	79	248575	37.623	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	468327	40.619	ng	72
17) 2-Methylphenol	7.051	107	243814	42.298	ng	95
18) Hexachloroethane	7.292	117	126750	43.107	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	220958	42.874	ng	96
20) 3+4-Methylphenols	7.210	107	319249	43.581	ng	# 74
22) Acetophenone	7.198	105	487316	45.588	ng	94
24) Nitrobenzene	7.369	77	334360	41.619	ng	99
25) Isophorone	7.610	82	582371	44.332	ng	99
26) 2-Nitrophenol	7.686	139	167751	41.969	ng	96
27) 2,4-Dimethylphenol	7.728	122	248410	53.200	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	359095	42.660	ng	99
29) 2,4-Dichlorophenol	7.939	162	264594	41.940	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	282750	41.156	ng	99
31) Naphthalene	8.092	128	931646	41.650	ng	100
32) Benzoic acid	7.875	122	190059	39.187	ng	99
33) 4-Chloroaniline	8.163	127	47809	6.122	ng	98
34) Hexachlorobutadiene	8.204	225	177773	43.102	ng	100
35) Caprolactam	8.522	113	90319m	47.019	ng	
36) 4-Chloro-3-methylphenol	8.639	107	281319	40.255	ng	99
37) 2-Methylnaphthalene	8.780	142	585551	40.227	ng	100
38) 1-Methylnaphthalene	8.880	142	566834	40.207	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	312775	47.600	ng	98
41) Hexachlorocyclopentadiene	8.933	237	296274	135.561	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	182199	42.902	ng	99

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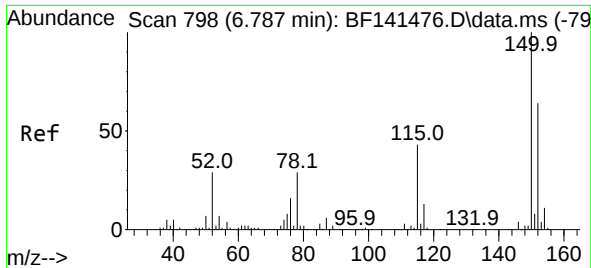
Reviewed By :Rahul
 Chavli

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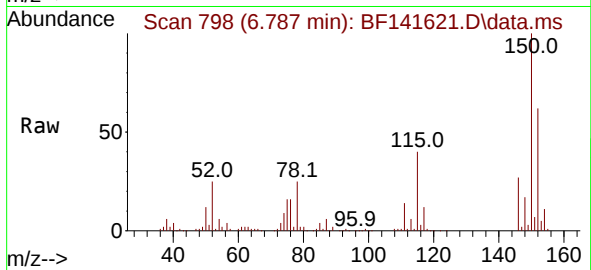
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44) 2,4,5-Trichlorophenol	9.116	196	191114	41.523	ng	99
46) 1,1'-Biphenyl	9.245	154	828781	47.068	ng	100
47) 2-Chloronaphthalene	9.269	162	560571	43.052	ng	100
48) 2-Nitroaniline	9.375	65	180377	41.278	ng	97
49) Acenaphthylene	9.686	152	851051	43.943	ng	100
50) Dimethylphthalate	9.551	163	675507	43.811	ng	100
51) 2,6-Dinitrotoluene	9.616	165	143123	42.462	ng	97
52) Acenaphthene	9.857	154	549920	42.236	ng	99
53) 3-Nitroaniline	9.786	138	75206	20.730	ng	99
54) 2,4-Dinitrophenol	9.898	184	163021	81.378	ng	93
55) Dibenzofuran	10.027	168	787107	41.185	ng	99
56) 4-Nitrophenol	9.963	139	200053	74.285	ng	97
57) 2,4-Dinitrotoluene	10.022	165	193006	43.013	ng	97
58) Fluorene	10.374	166	615901	41.680	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	158545	40.011	ng	96
60) Diethylphthalate	10.245	149	642172	42.331	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	296050	41.645	ng	99
62) 4-Nitroaniline	10.398	138	130186	35.341	ng	100
63) Azobenzene	10.522	77	665279	44.113	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	109017	43.944	ng	98
66) n-Nitrosodiphenylamine	10.486	169	523700	45.809	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	184690	46.272	ng	97
68) Hexachlorobenzene	10.922	284	188834	45.944	ng	98
69) Atrazine	11.016	200	190200	55.457	ng	99
70) Pentachlorophenol	11.122	266	204137	77.675	ng	99
71) Phenanthrene	11.333	178	966264	49.152	ng	100
72) Anthracene	11.386	178	889828	45.028	ng	99
73) Carbazole	11.545	167	718529	40.409	ng	100
74) Di-n-butylphthalate	11.869	149	948131	46.179	ng	100
75) Fluoranthene	12.521	202	942468	45.220	ng	100
77) Benzidine	12.651	184	82119	17.330	ng	96
78) Pyrene	12.751	202	893955	48.876	ng	100
80) Butylbenzylphthalate	13.368	149	319301	50.401	ng	99
81) Benzo(a)anthracene	13.939	228	668357	46.796	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	141607	34.612	ng	98
83) Chrysene	13.974	228	623542	47.282	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	431775	60.429	ng	100
85) Di-n-octyl phthalate	14.539	149	685134	67.215	ng	99
87) Indeno(1,2,3-cd)pyrene	16.839	276	583473	43.579	ng	100
88) Benzo(b)fluoranthene	14.980	252	640006	43.989	ng	100
89) Benzo(k)fluoranthene	15.009	252	575971	46.360	ng	98
90) Benzo(a)pyrene	15.339	252	577752	49.075	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	467594	43.101	ng	99
92) Benzo(g,h,i)perylene	17.268	276	435840	38.391	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



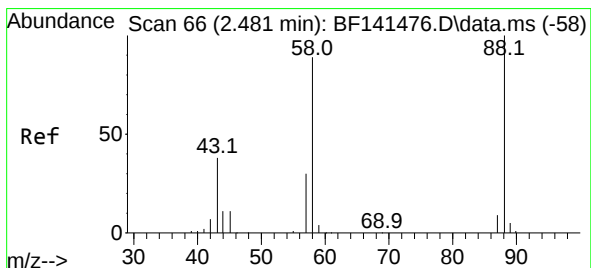
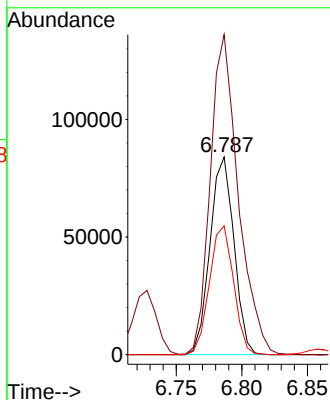
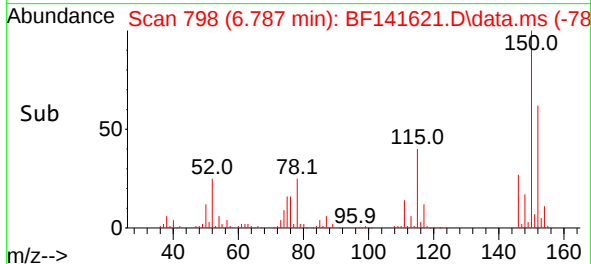
Tgt Ion:152 Resp: 106869
Ion Ratio Lower Upper
152 100
150 162.0 125.0 187.4
115 65.2 53.6 80.4

Manual Integrations
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Chavli

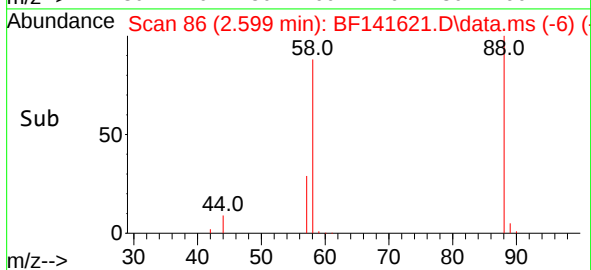
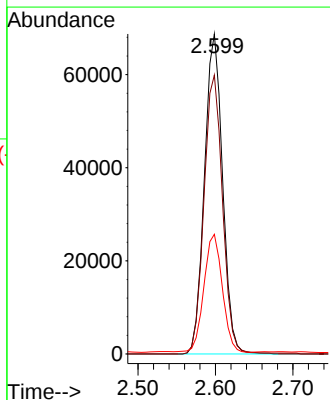
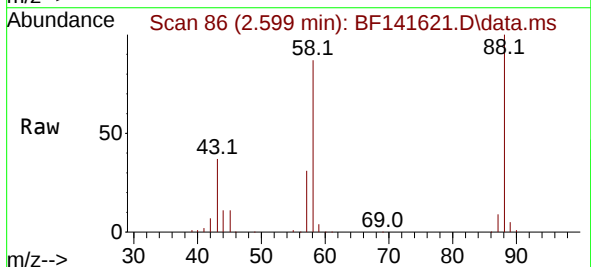
02/14/2025
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ahmed

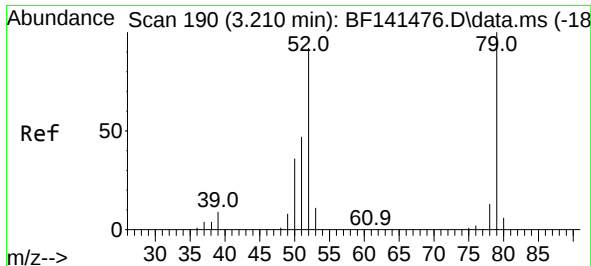
02/15/2025



#2
1,4-Dioxane
Concen: 40.731 ng
RT: 2.599 min Scan# 86
Delta R.T. 0.118 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

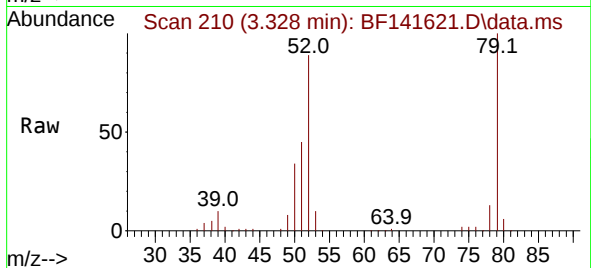
Tgt Ion: 88 Resp: 111749
Ion Ratio Lower Upper
88 100
58 89.2 71.1 106.7
43 37.5 30.6 46.0





#3
Pyridine
Concen: 34.028 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

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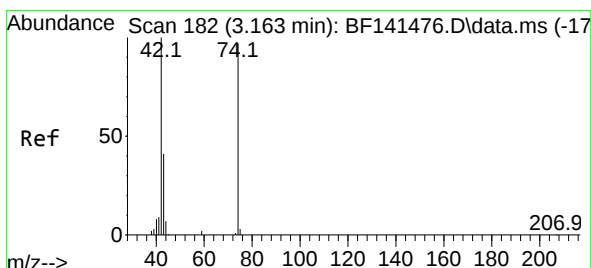
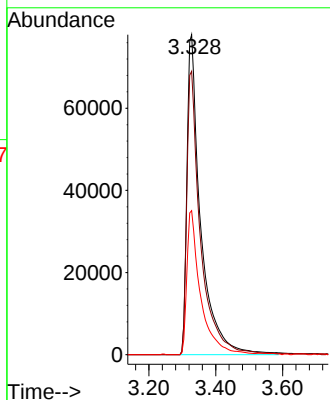
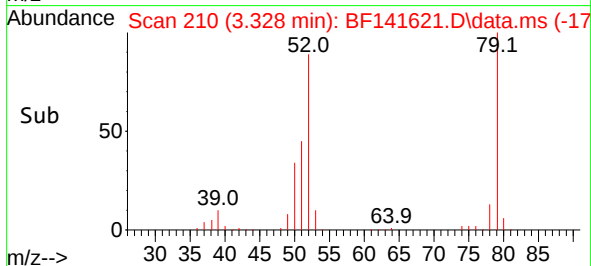
Tgt Ion: 79 Resp: 22216
Ion Ratio Lower Upper
79 100
52 88.6 73.7 110.5
51 45.0 37.5 56.3

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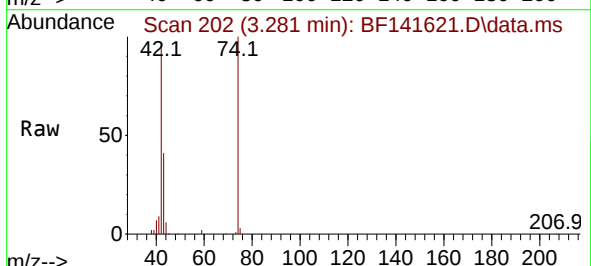
Reviewed By :Rahul
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ahmed

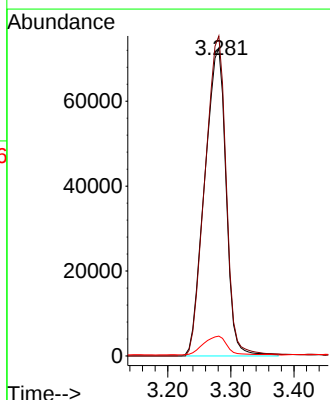
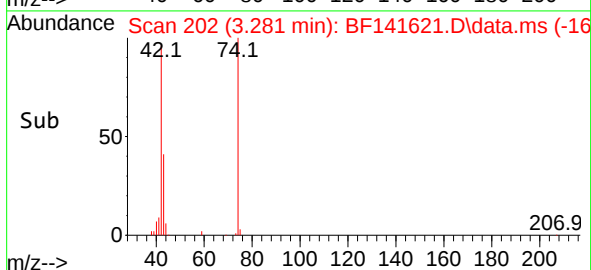
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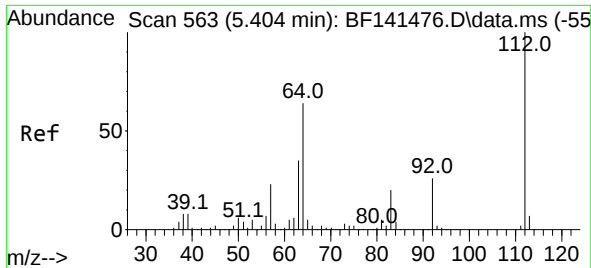


#4
n-Nitrosodimethylamine
Concen: 39.525 ng
RT: 3.281 min Scan# 202
Delta R.T. 0.094 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08



Tgt Ion: 42 Resp: 170865
Ion Ratio Lower Upper
42 100
74 104.0 78.0 117.0
44 6.4 5.4 8.2





#5
2-Fluorophenol
Concen: 102.140 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS

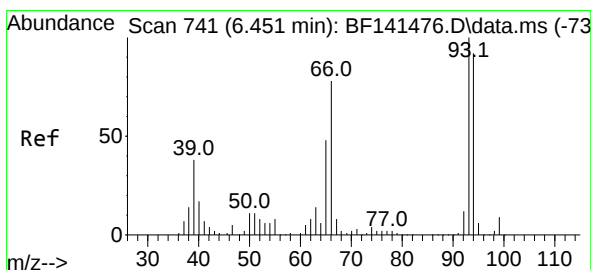
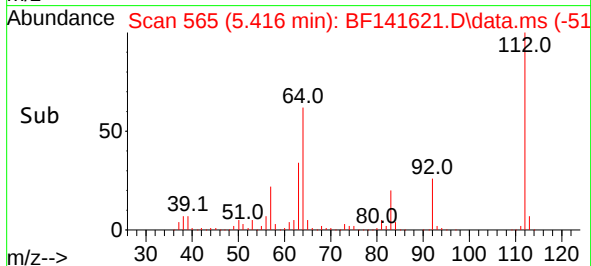
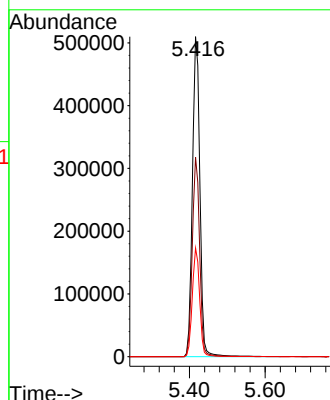
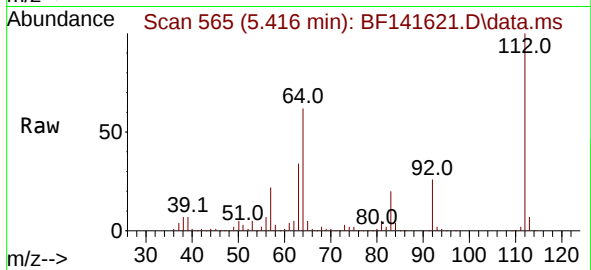
Tgt Ion:112 Resp: 69626
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 33.9 28.4 42.6

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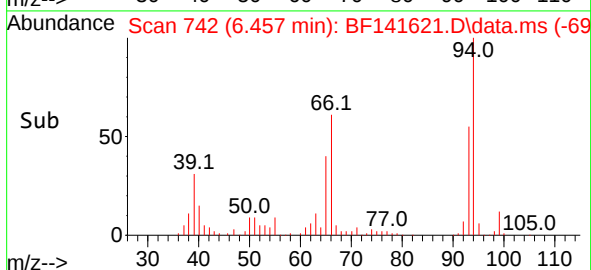
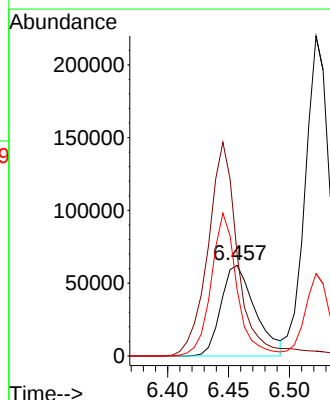
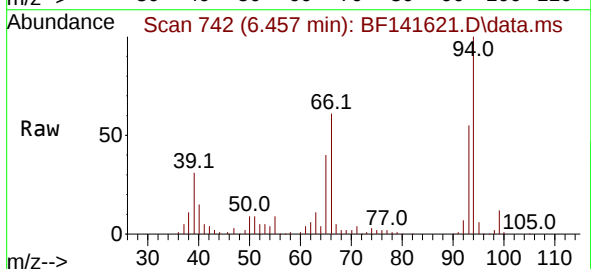
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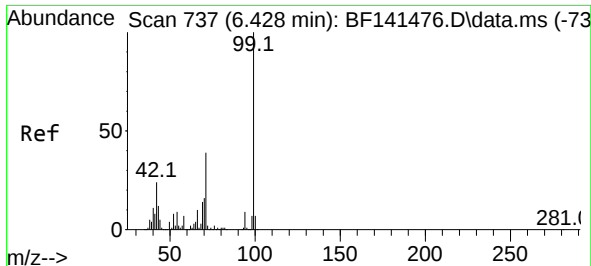
02/15/2025



#6
Aniline
Concen: 15.051 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

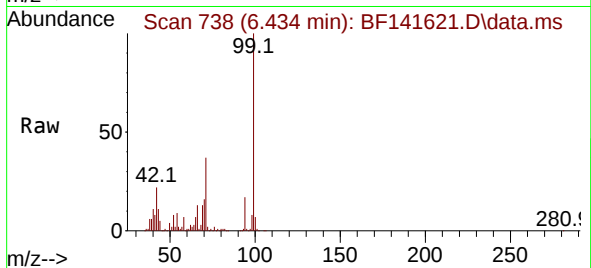
Tgt Ion: 93 Resp: 121639
Ion Ratio Lower Upper
93 100
66 111.4 62.6 94.0#
65 72.9 38.3 57.5#





#7
Phenol-d6
Concen: 99.800 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
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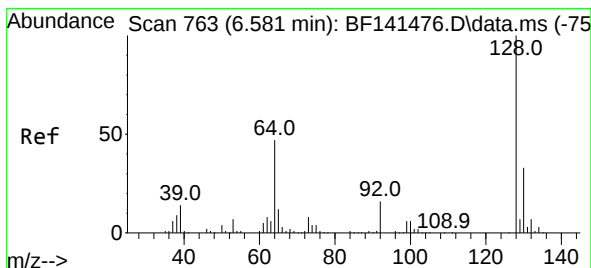
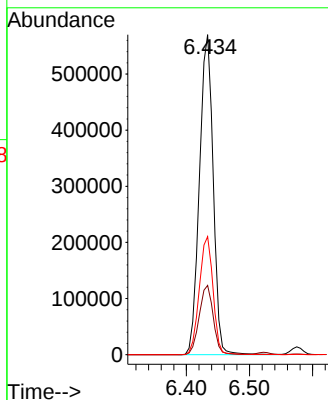
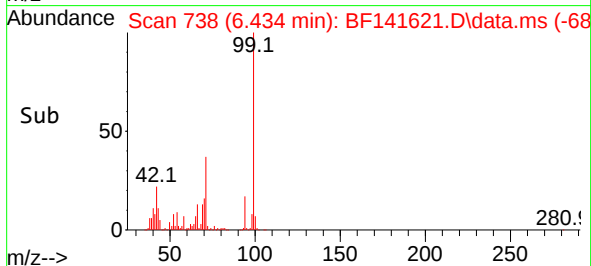
Tgt Ion: 99 Resp: 85985
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 36.9 31.1 46.7

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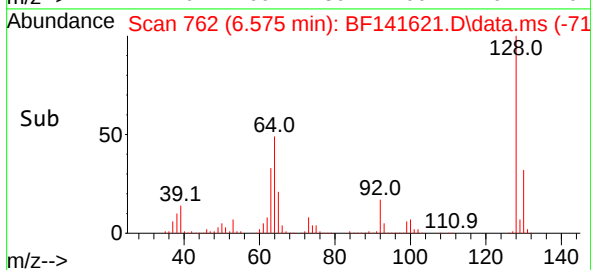
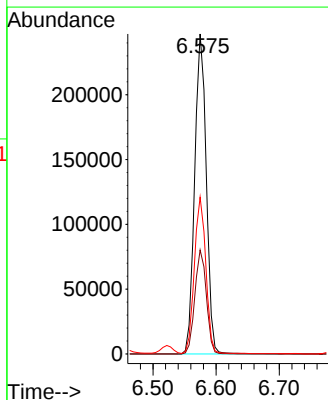
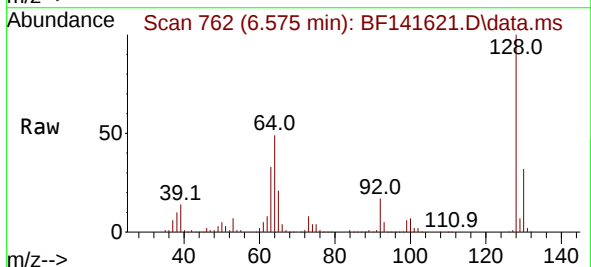
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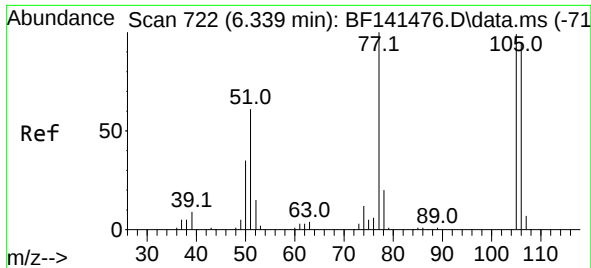
02/15/2025



#8
2-Chlorophenol
Concen: 42.730 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

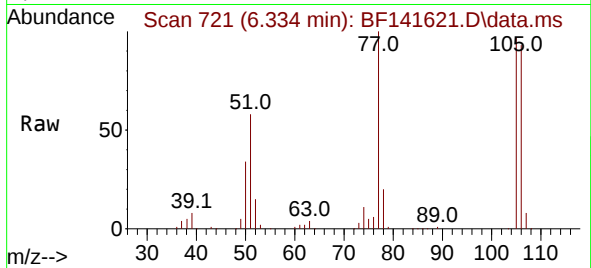
Tgt Ion:128 Resp: 314739
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 49.0 28.3 68.3





#9
Benzaldehyde
Concen: 35.888 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



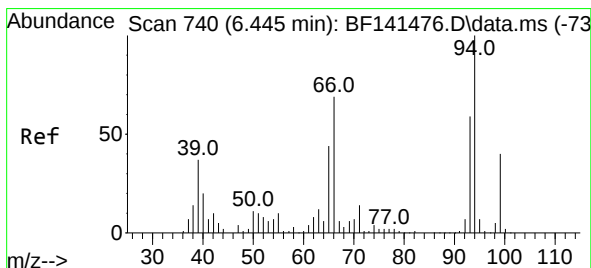
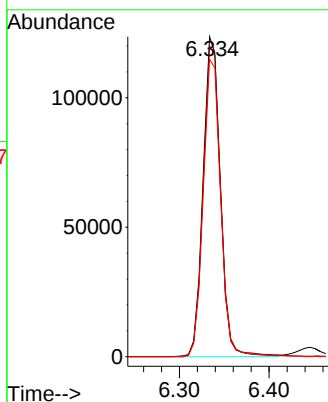
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Ion Ratio Lower Upper
77 100
105 97.1 79.4 119.4
106 93.0 75.1 115.1

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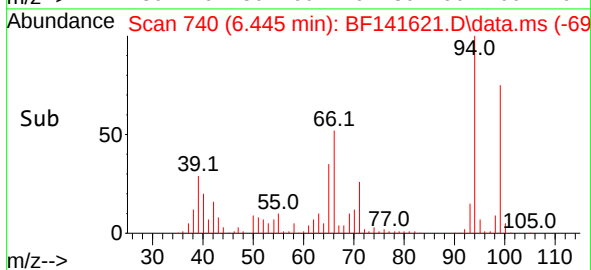
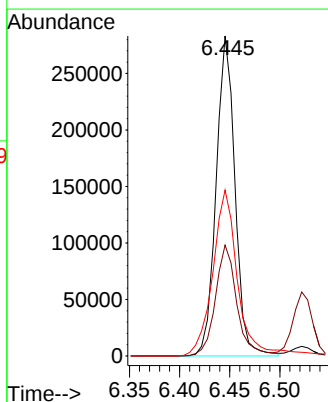
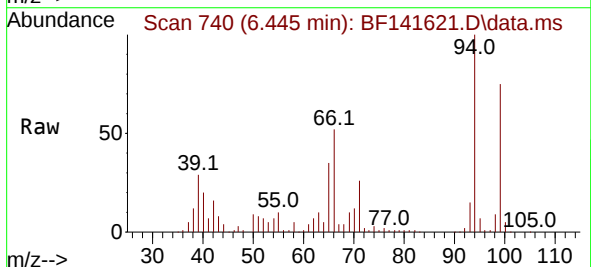
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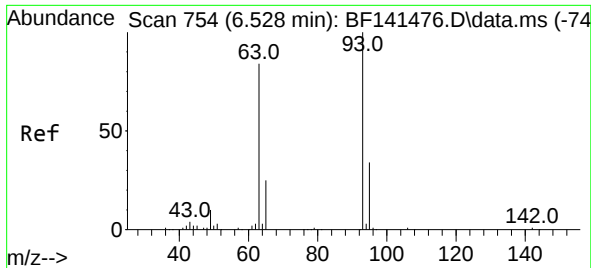
02/15/2025



#10
Phenol
Concen: 41.265 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

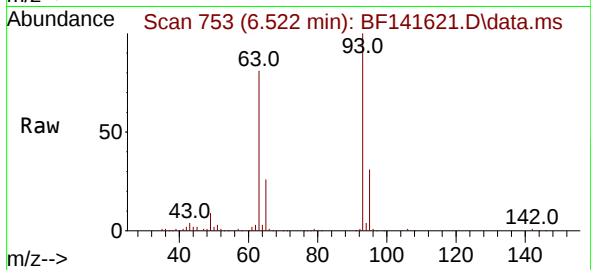
Tgt Ion: 94 Resp: 370041
Ion Ratio Lower Upper
94 100
65 34.6 23.7 63.7
66 51.8 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 44.747 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



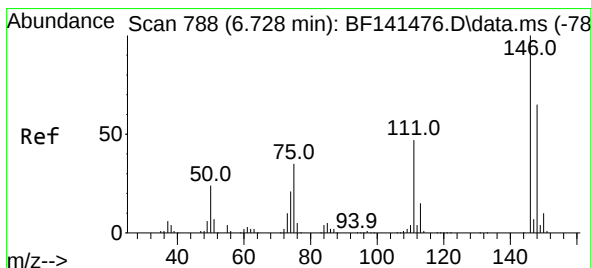
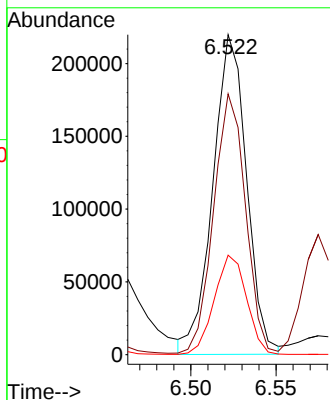
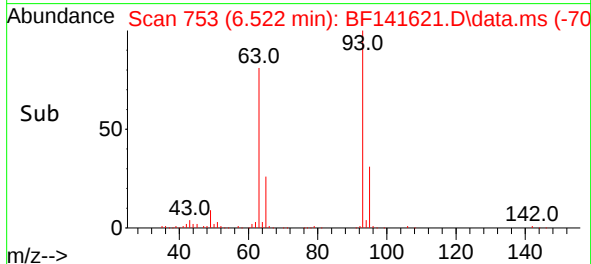
Tgt Ion: 93 Resp: 301390
Ion Ratio Lower Upper
93 100
63 81.5 62.0 102.0
95 31.1 12.6 52.6

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Reviewed By :Rahul
Chavli

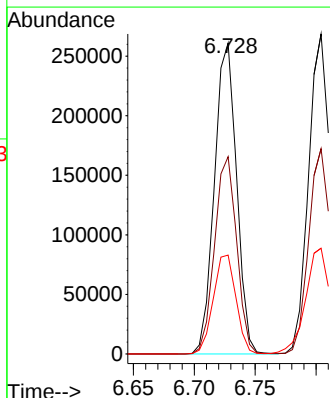
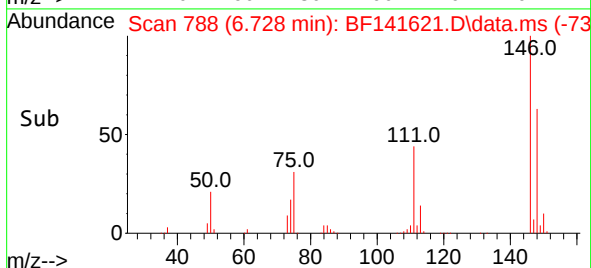
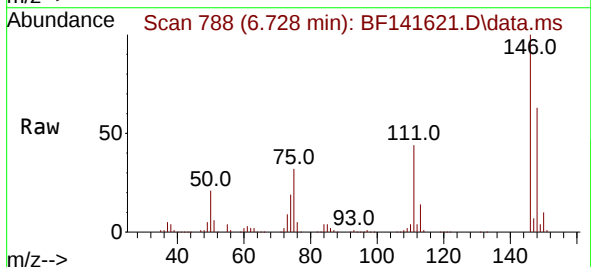
02/14/2025
Supervised By :mohammad
ahmed

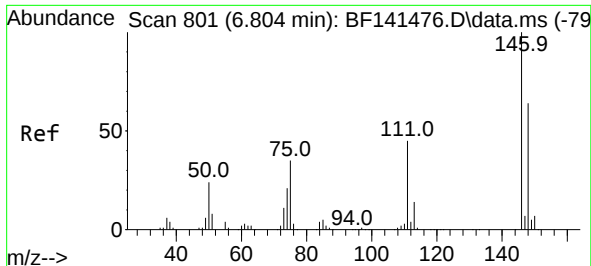
02/15/2025



#12
1,3-Dichlorobenzene
Concen: 42.526 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

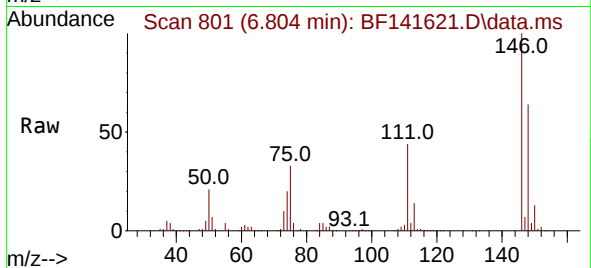
Tgt Ion:146 Resp: 330691
Ion Ratio Lower Upper
146 100
148 63.4 51.9 77.9
75 31.8 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 42.238 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



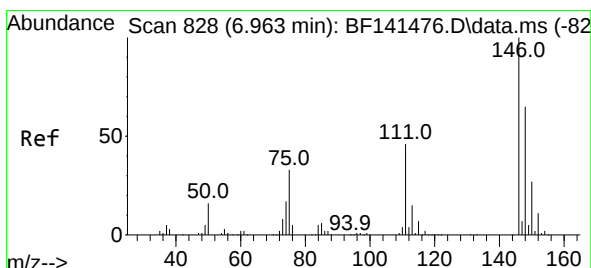
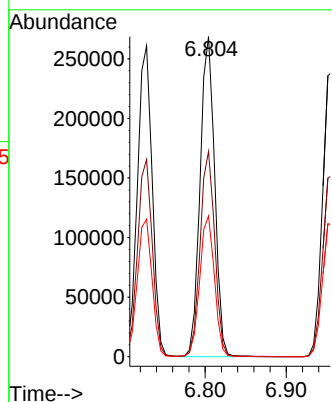
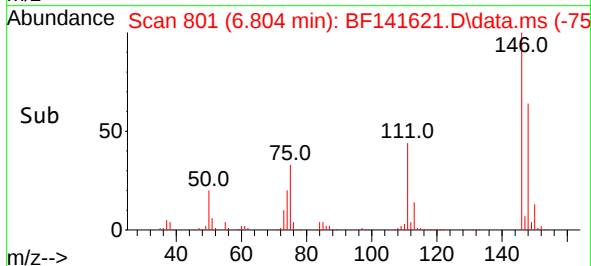
Tgt Ion:146 Resp: 335584
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 44.0 35.9 53.9

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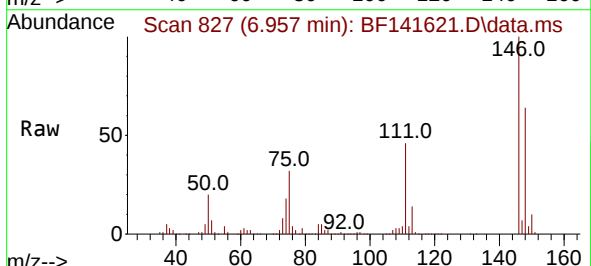
Reviewed By :Rahul
Chavli

02/14/2025
Supervised By :mohammad
ahmed

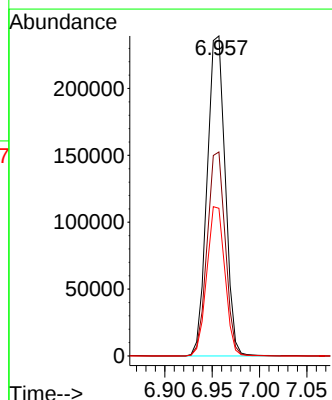
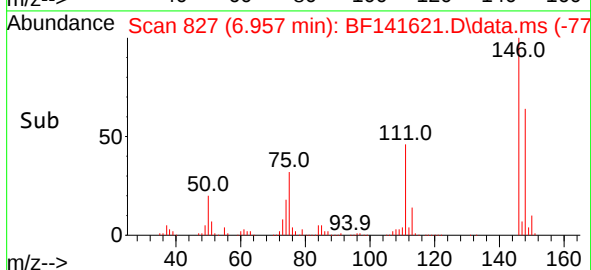
02/15/2025

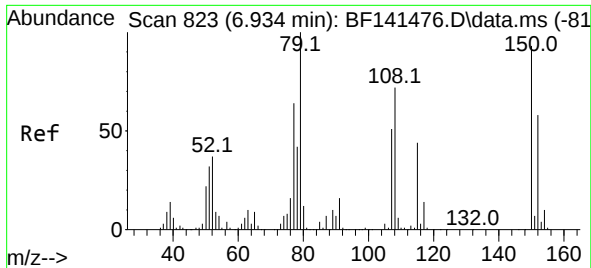


#14
1,2-Dichlorobenzene
Concen: 43.029 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08



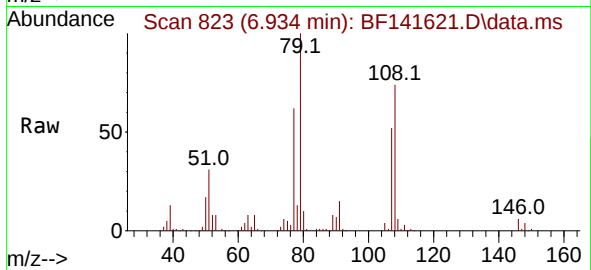
Tgt Ion:146 Resp: 317293
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
111 46.2 37.0 55.4





#15
Benzyl Alcohol
Concen: 37.623 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



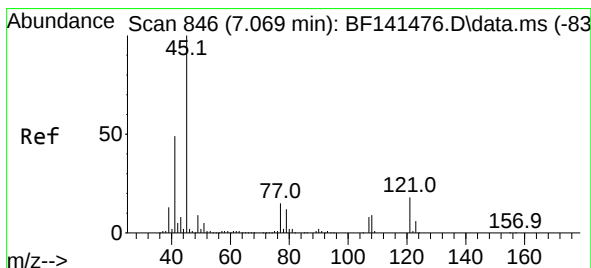
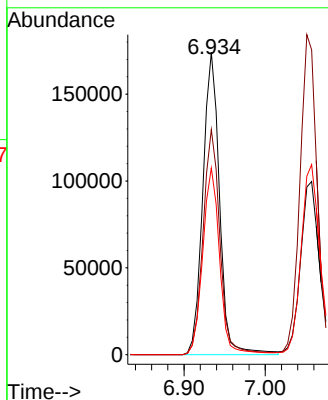
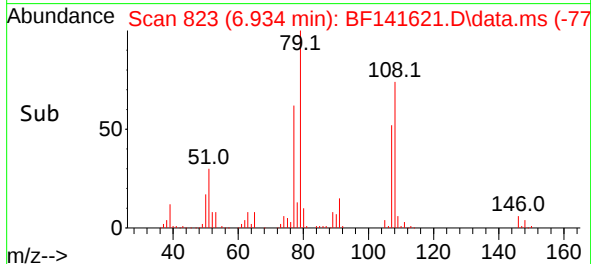
Tgt Ion: 79 Resp: 24857
Ion Ratio Lower Upper
79 100
108 74.5 57.4 86.2
77 61.7 50.9 76.3

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Reviewed By :Rahul
Chavli

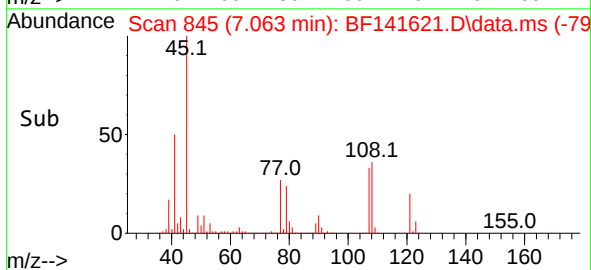
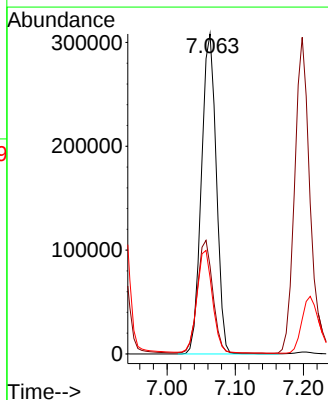
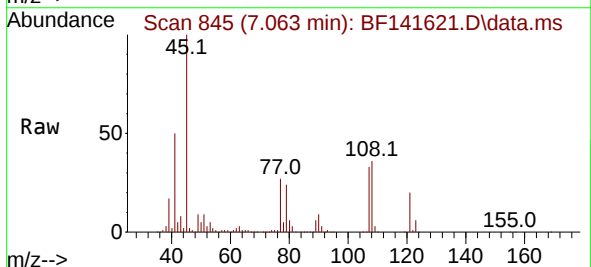
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Supervised By :mohammad
ahmed

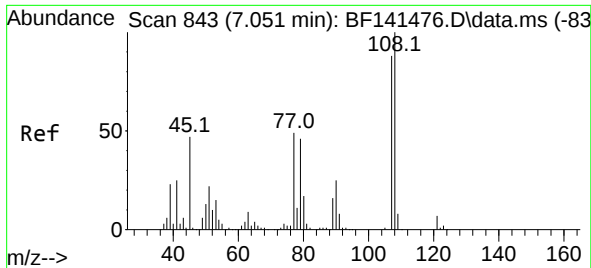
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.619 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

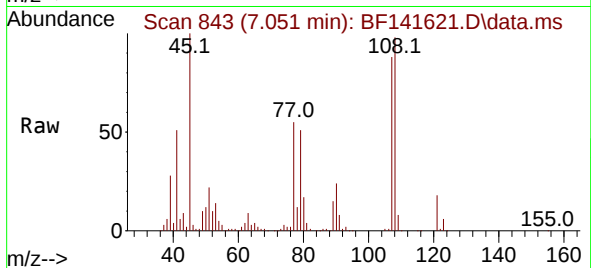
Tgt Ion: 45 Resp: 468327
Ion Ratio Lower Upper
45 100
77 27.4 0.0 35.8
79 24.0 0.0 32.7





#17
2-Methylphenol
Concen: 42.298 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



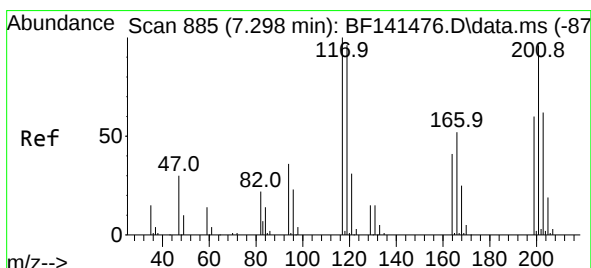
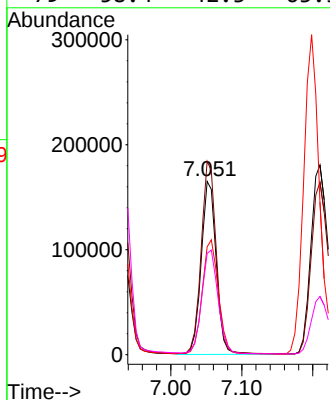
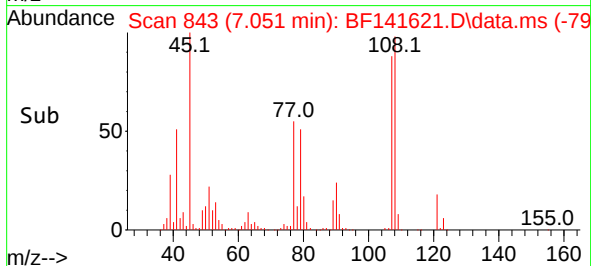
Tgt Ion:107	Resp: 243814
Ion Ratio	Lower Upper
107 100	
108 111.6	90.6 136.0
77 62.3	44.4 66.6
79 58.4	42.3 63.5

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Reviewed By :Rahul
Chavli

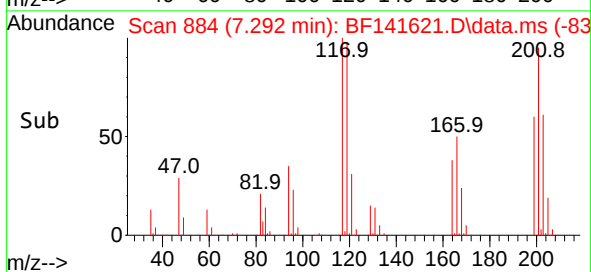
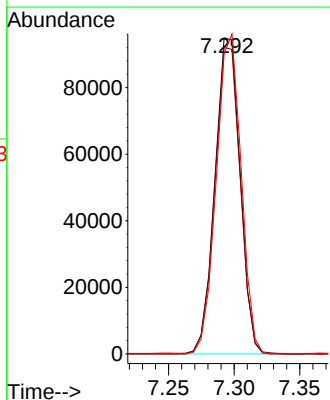
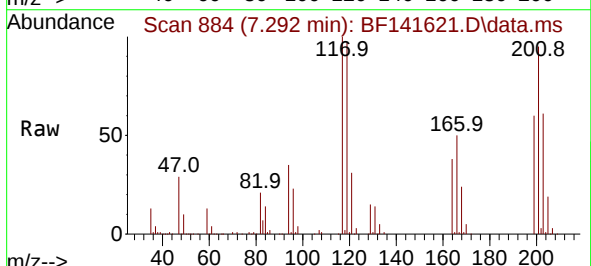
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Supervised By :mohammad
ahmed

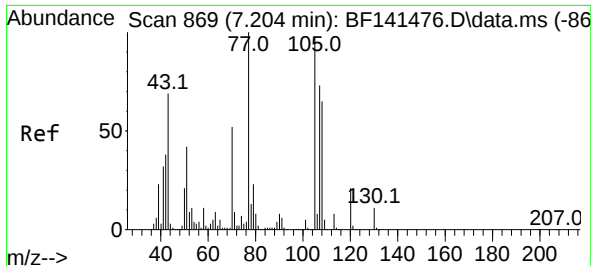
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#18
Hexachloroethane
Concen: 43.107 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

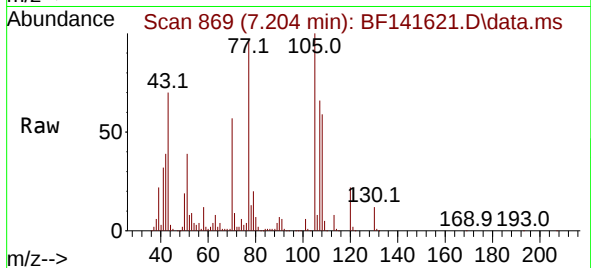
Tgt Ion:117	Resp: 126750
Ion Ratio	Lower Upper
117 100	
119 96.9	76.5 114.7
201 95.0	76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.874 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



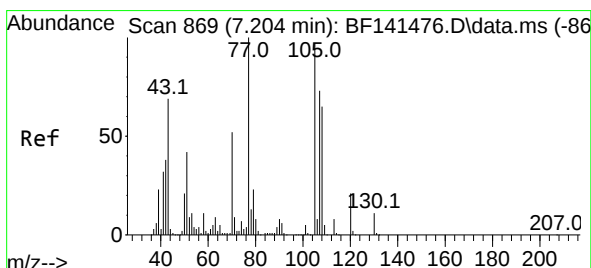
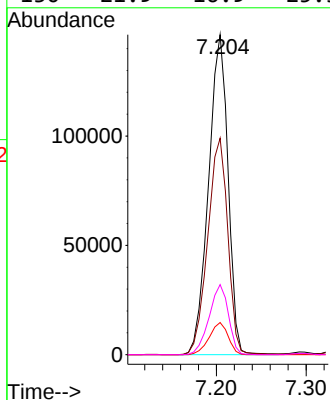
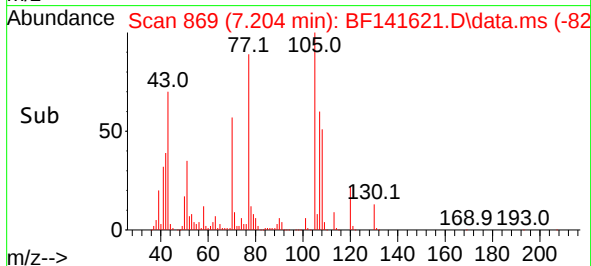
Tgt Ion: 70 Resp: 220958
Ion Ratio Lower Upper
70 100
42 67.7 57.4 86.2
101 10.1 8.0 12.0
130 21.9 16.9 25.3

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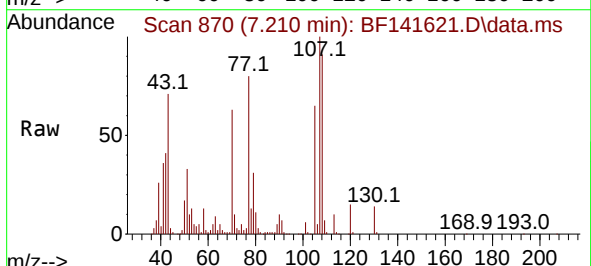
Reviewed By :Rahul
Chavli

02/14/2025
Supervised By :mohammad
ahmed

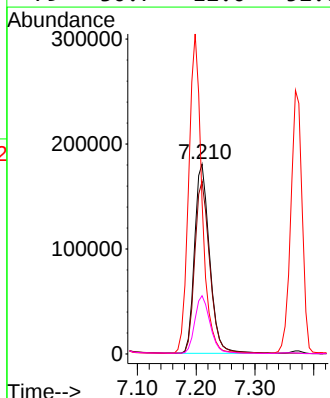
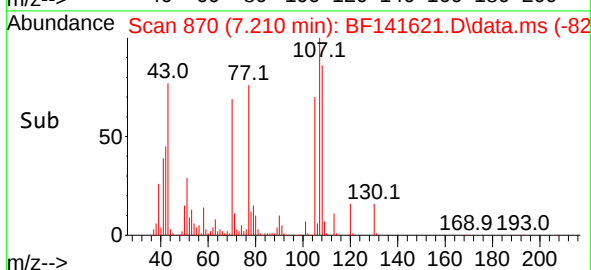
02/15/2025

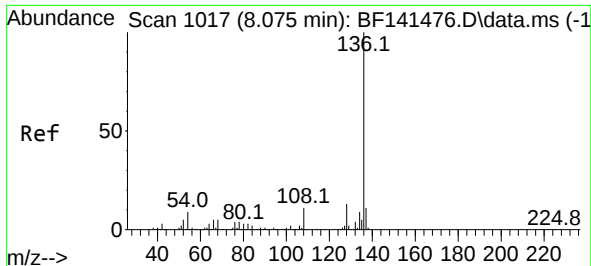


#20
3+4-Methylphenols
Concen: 43.581 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08



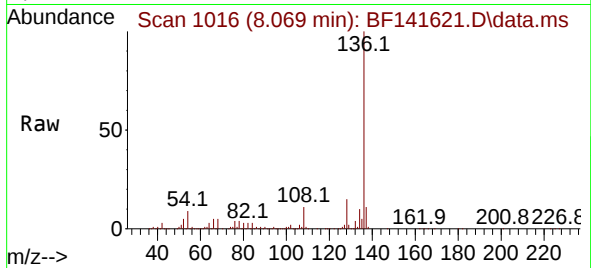
Tgt Ion:107 Resp: 319249
Ion Ratio Lower Upper
107 100
108 91.0 68.5 108.5
77 80.4 116.5 156.5#
79 30.7 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



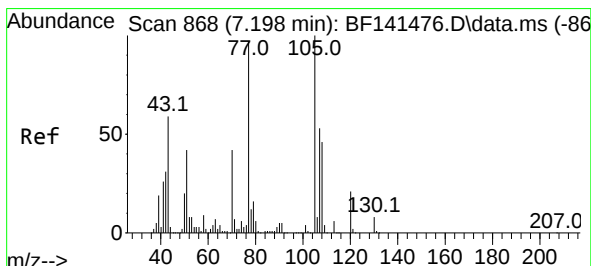
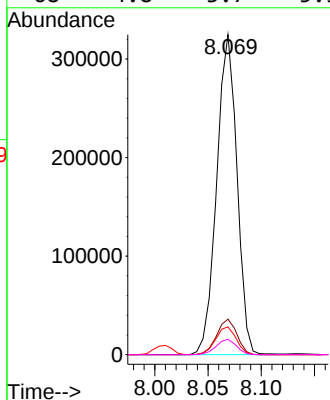
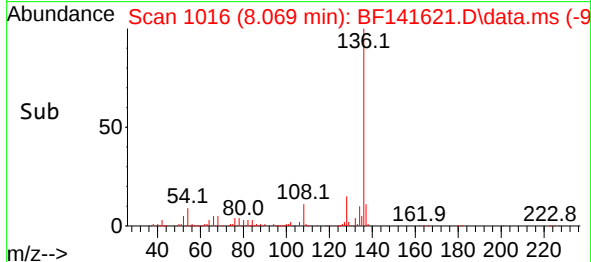
Tgt Ion:136 Resp: 42972
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.7 7.2 10.8
68 4.8 3.7 5.5

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Chavli

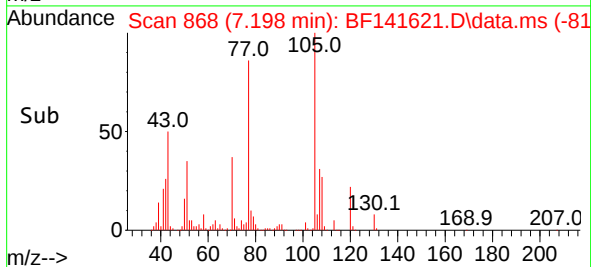
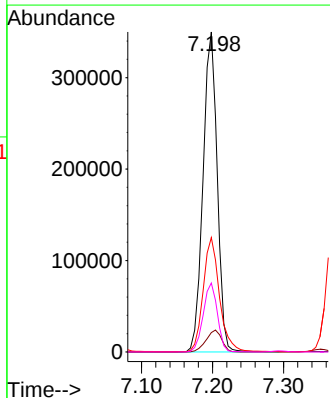
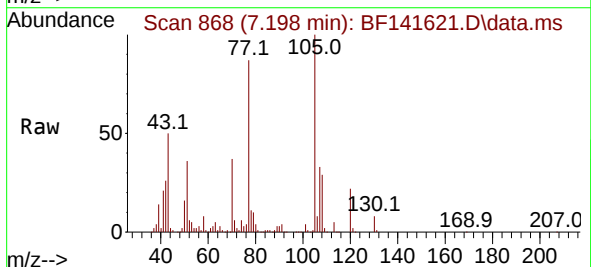
02/14/2025
Supervised By :mohammad
ahmed

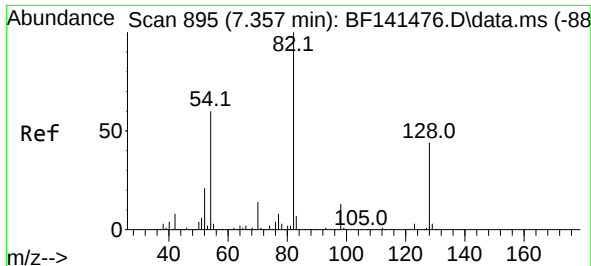
02/15/2025



#22
Acetophenone
Concen: 45.588 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Tgt Ion:105 Resp: 487316
Ion Ratio Lower Upper
105 100
71 6.1 5.7 8.5
51 35.7 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 69.423 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion: 82 Resp: 57196

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.8	52.2
54	58.2	48.2	72.4

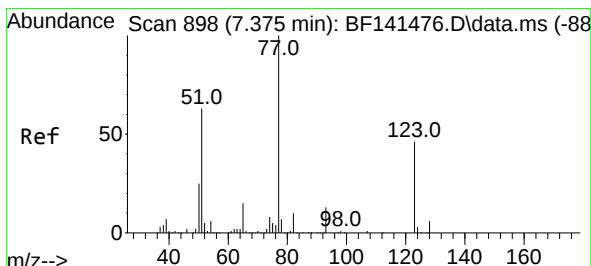
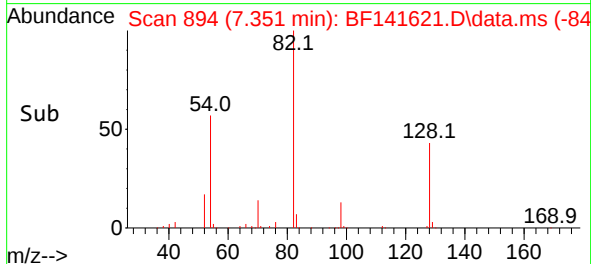
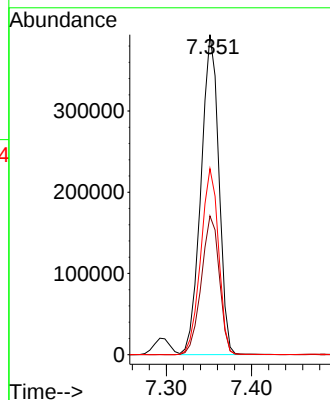
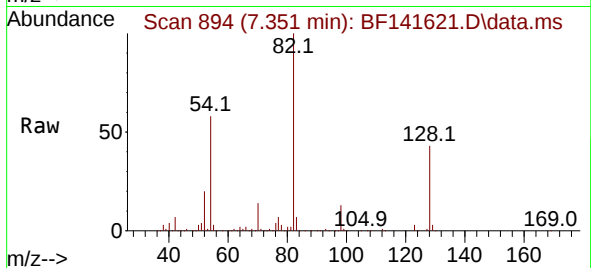
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Reviewed By :Rahul
Chavli

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Supervised By :mohammad
ahmed

02/15/2025



#24

Nitrobenzene

Concen: 41.619 ng

RT: 7.369 min Scan# 897

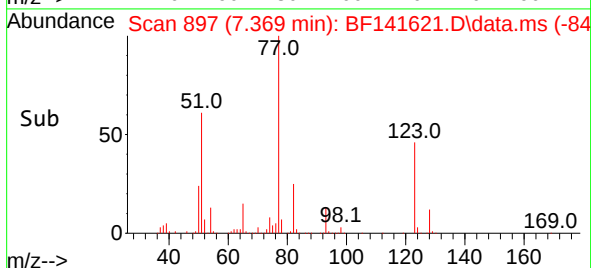
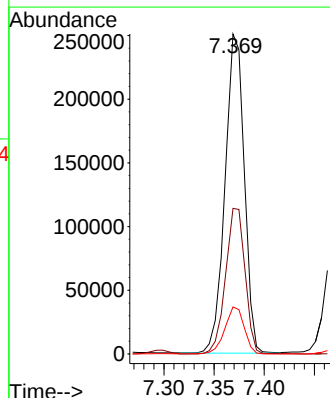
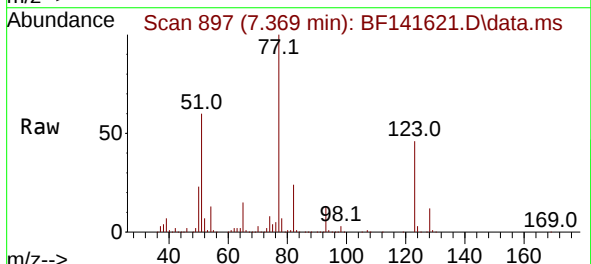
Delta R.T. -0.012 min

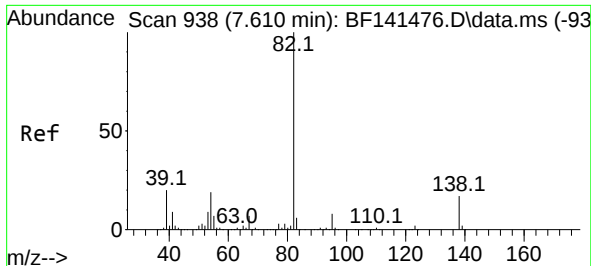
Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Tgt Ion: 77 Resp: 334360

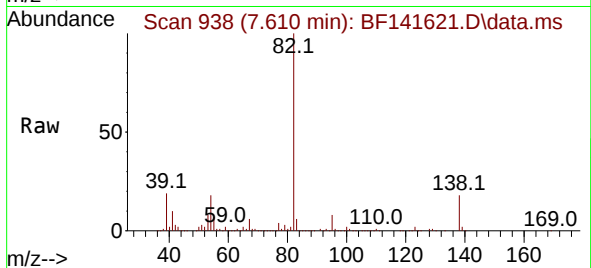
Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.9	55.3
65	14.7	11.9	17.9





#25
Isophorone
Concen: 44.332 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



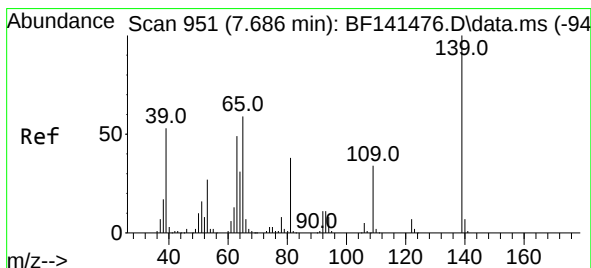
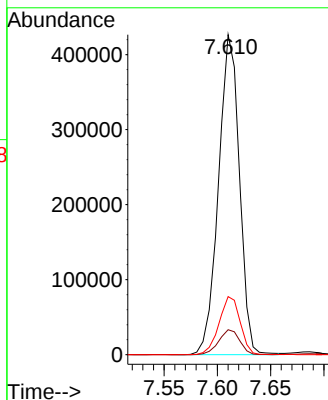
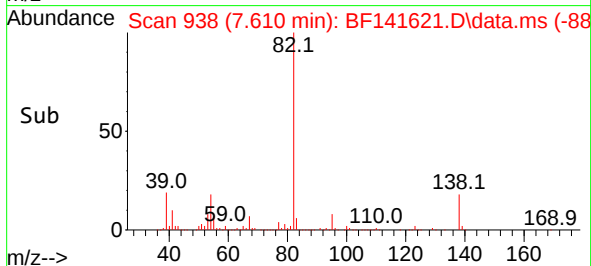
Tgt Ion: 82 Resp: 58237
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.1 13.9 20.9

Manual Integrations
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Reviewed By :Rahul
Chavli

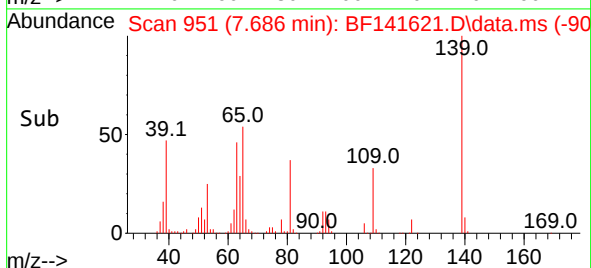
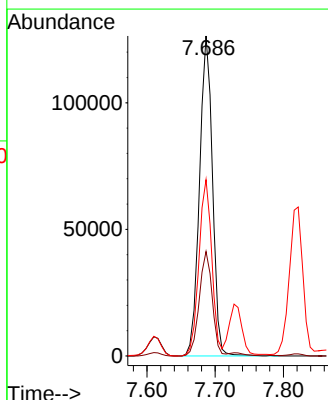
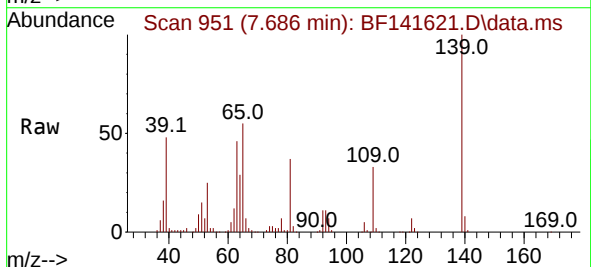
02/14/2025
Supervised By :mohammad
ahmed

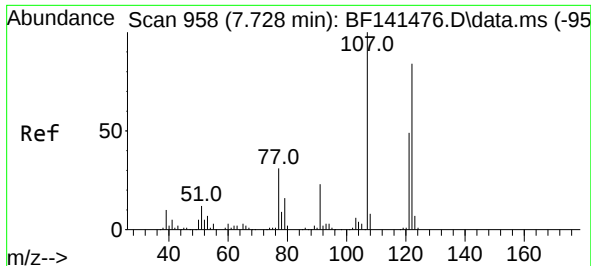
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#26
2-Nitrophenol
Concen: 41.969 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Tgt Ion:139 Resp: 167751
Ion Ratio Lower Upper
139 100
109 32.6 27.0 40.6
65 55.1 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 53.200 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion:122 Resp: 248410
 Ion Ratio Lower Upper
 122 100
 107 118.3 94.3 141.5
 121 58.2 46.0 69.0

Manual Integrations

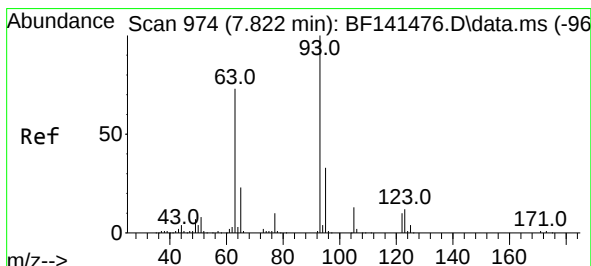
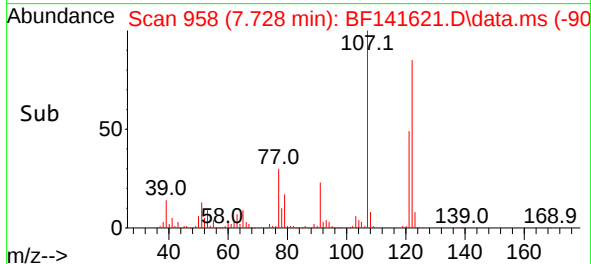
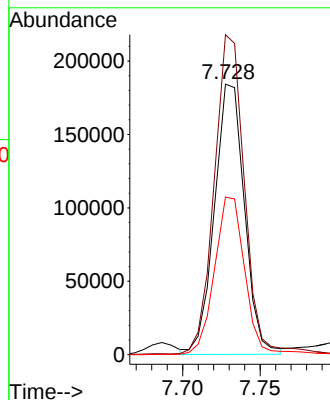
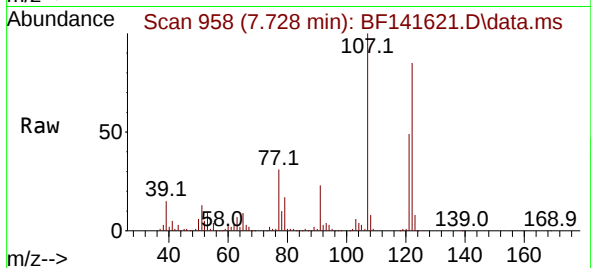
APPROVED

Reviewed By :Rahul
 Chavli

02/14/2025

Supervised By :mohammad
 ahmed

02/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.660 ng

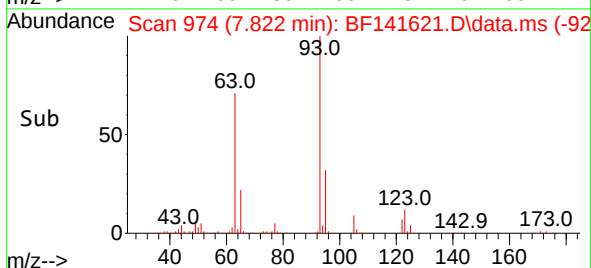
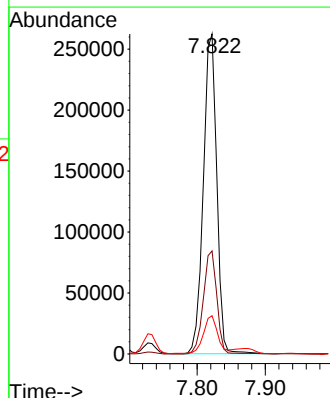
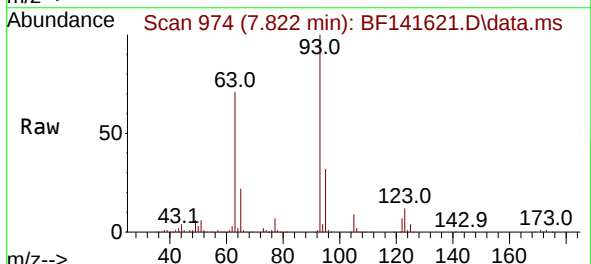
RT: 7.822 min Scan# 974

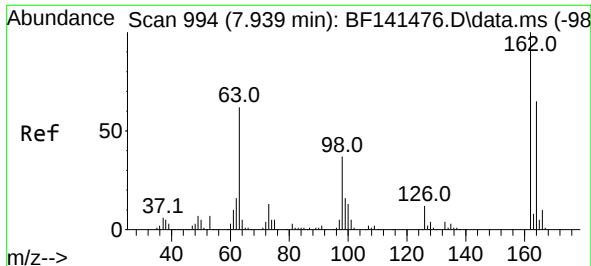
Delta R.T. -0.006 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

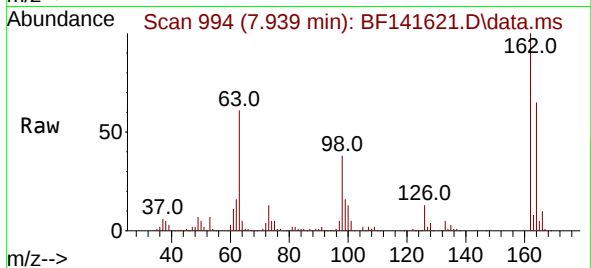
Tgt Ion: 93 Resp: 359095
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.1 39.1
 123 12.0 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 41.940 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



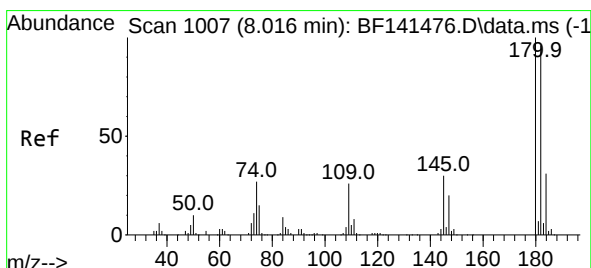
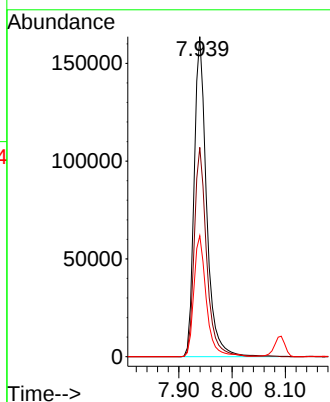
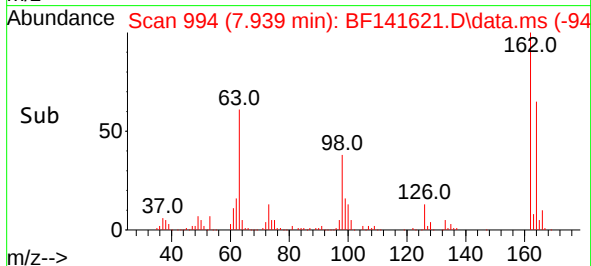
Tgt Ion:162 Resp: 264594
Ion Ratio Lower Upper
162 100
164 65.4 44.6 84.6
98 37.8 17.2 57.2

Manual Integrations
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Reviewed By :Rahul
Chavli

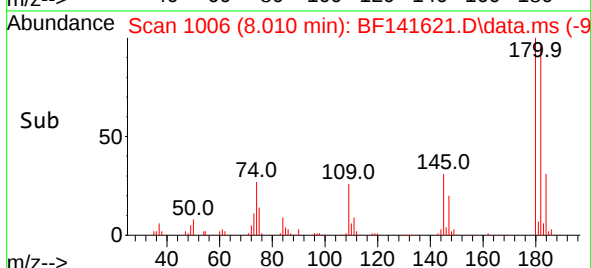
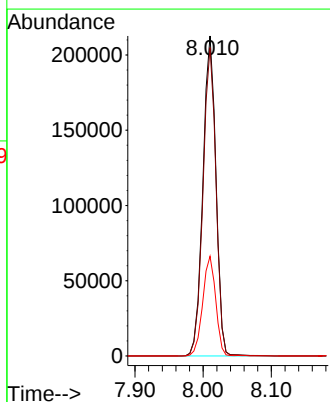
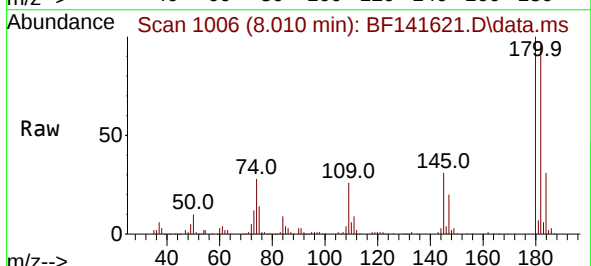
02/14/2025
Supervised By :mohammad
ahmed

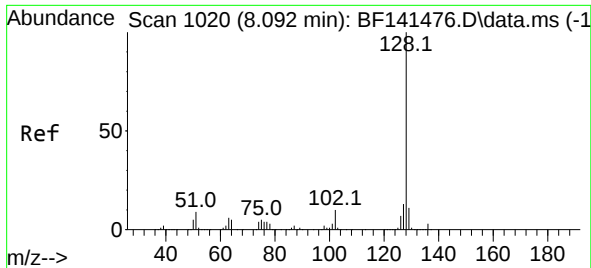
02/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.156 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

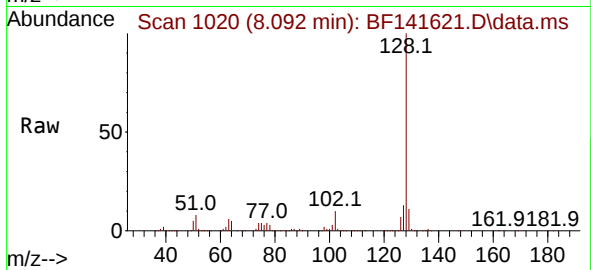
Tgt Ion:180 Resp: 282750
Ion Ratio Lower Upper
180 100
182 96.4 76.8 115.2
145 31.2 24.2 36.4





#31
Naphthalene
Concen: 41.650 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



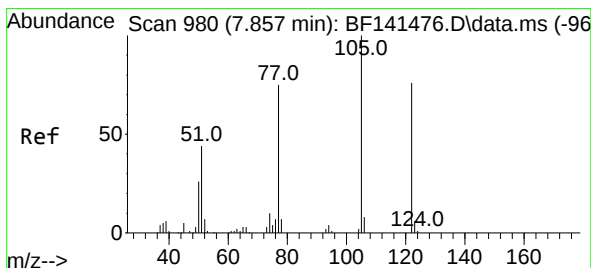
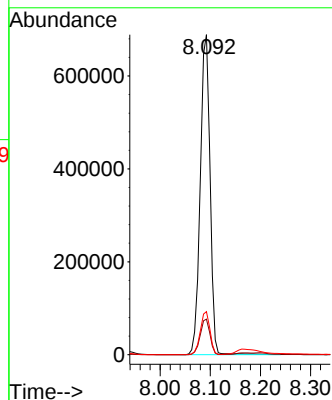
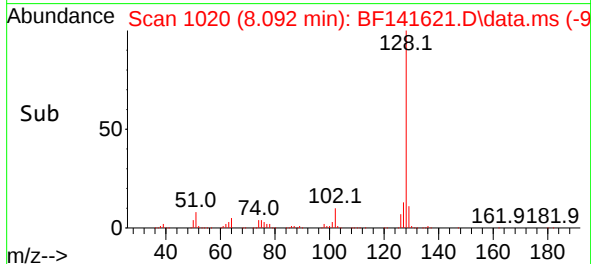
Tgt Ion:128 Resp: 931640
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1

Manual Integrations
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Reviewed By :Rahul
Chavli

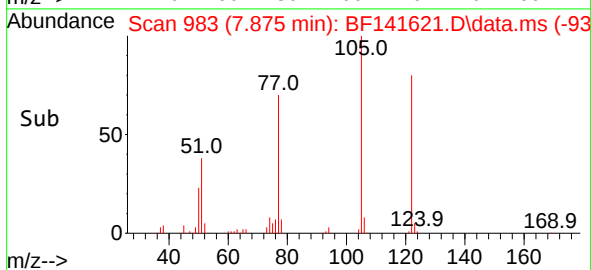
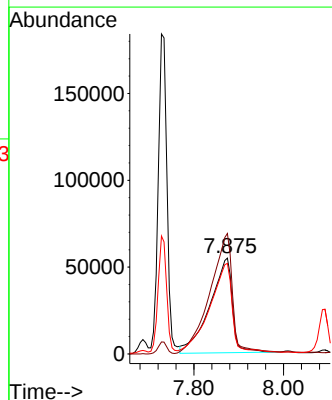
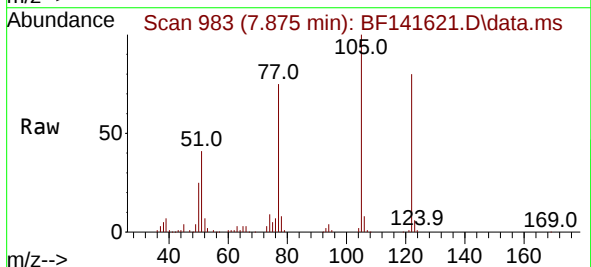
02/14/2025
Supervised By :mohammad
ahmed

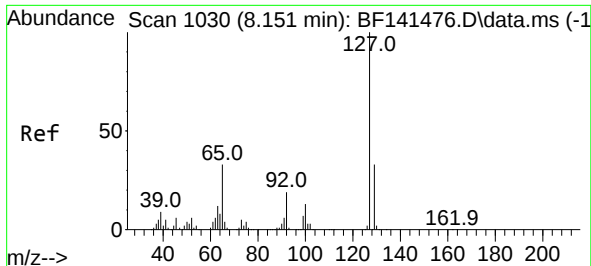
02/15/2025



#32
Benzoic acid
Concen: 39.187 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.018 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

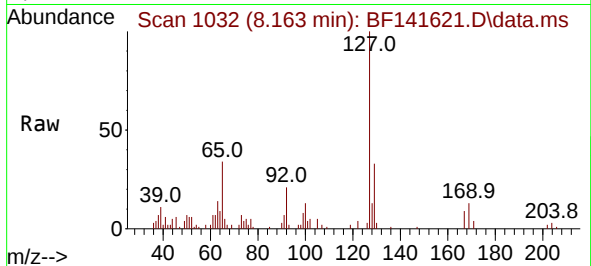
Tgt Ion:122 Resp: 190059
Ion Ratio Lower Upper
122 100
105 125.6 106.5 146.5
77 94.5 76.3 116.3





#33
4-Chloroaniline
Concen: 6.122 ng
RT: 8.163 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



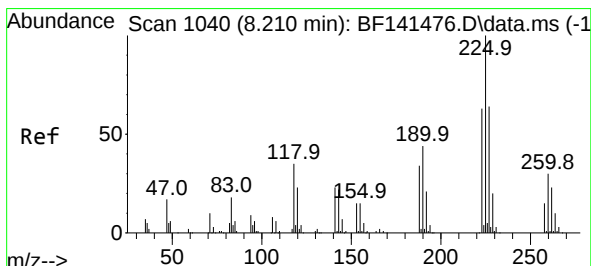
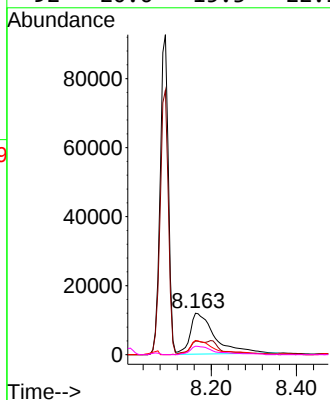
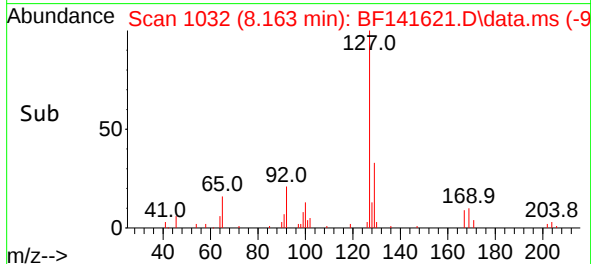
Tgt Ion:127 Resp: 47809
Ion Ratio Lower Upper
127 100
129 32.7 26.5 39.7
65 34.5 26.4 39.6
92 20.6 15.3 22.9

Manual Integrations
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Reviewed By :Rahul
Chavli

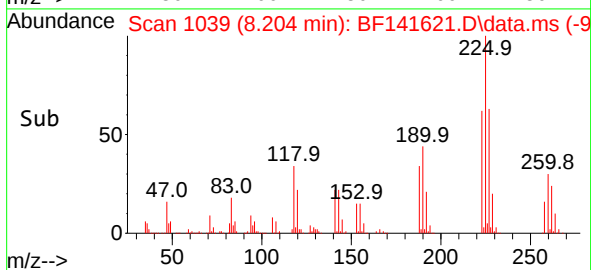
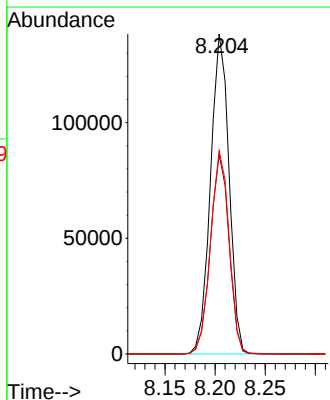
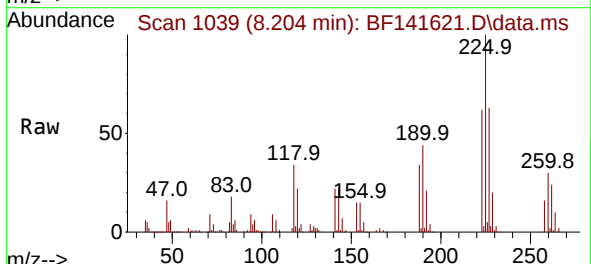
02/14/2025
Supervised By :mohammad
ahmed

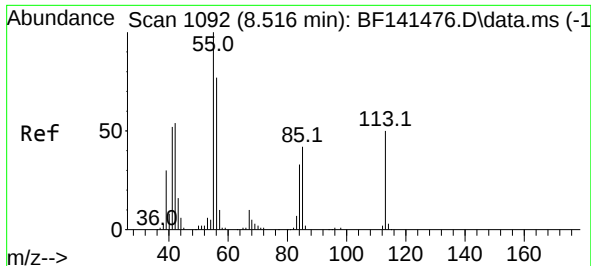
02/15/2025



#34
Hexachlorobutadiene
Concen: 43.102 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

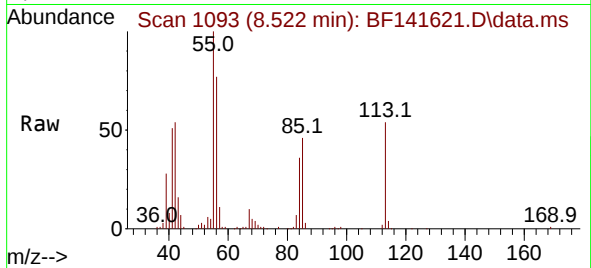
Tgt Ion:225 Resp: 177773
Ion Ratio Lower Upper
225 100
223 62.3 50.1 75.1
227 63.5 51.0 76.6





#35
Caprolactam
Concen: 47.019 ng m
RT: 8.522 min Scan# 1093
Delta R.T. -0.023 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



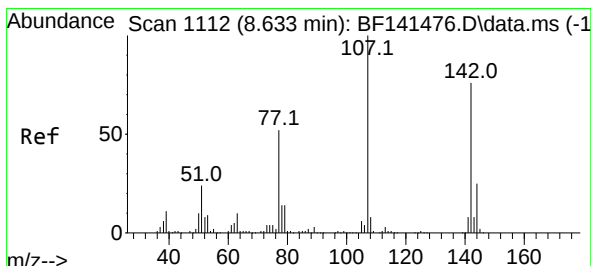
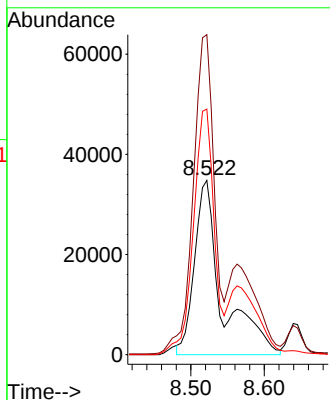
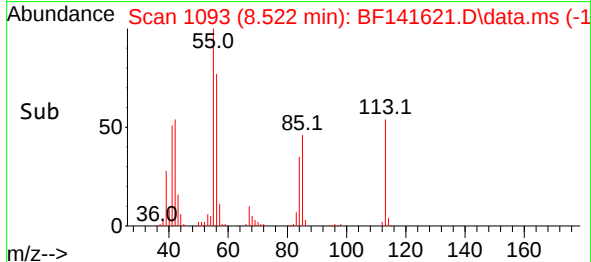
Tgt Ion:113 Resp: 90319
Ion Ratio Lower Upper
113 100
55 183.6 180.8 220.8
56 141.0 133.6 173.6

Manual Integrations
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Reviewed By :Rahul
Chavli

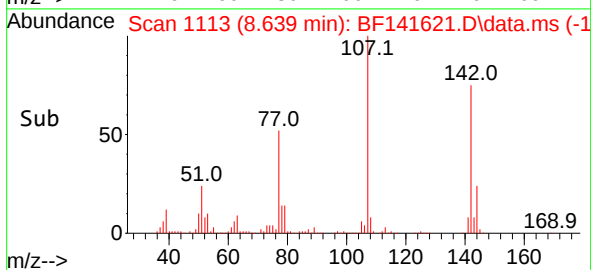
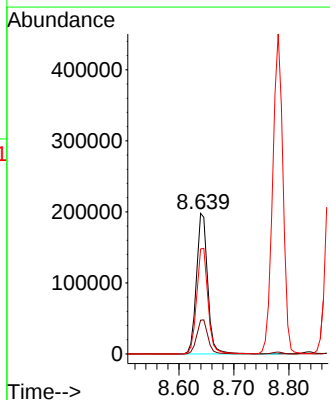
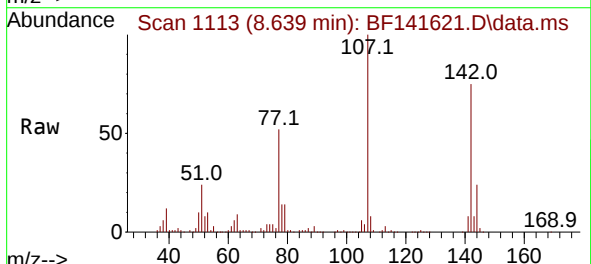
02/14/2025
Supervised By :mohammad
ahmed

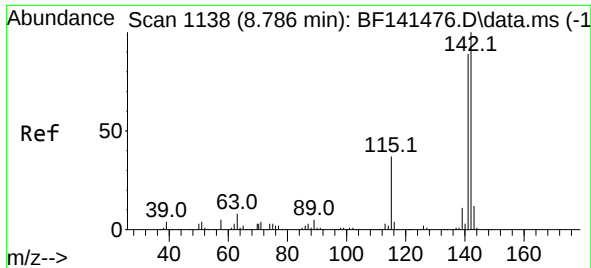
02/15/2025



#36
4-Chloro-3-methylphenol
Concen: 40.255 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Tgt Ion:107 Resp: 281319
Ion Ratio Lower Upper
107 100
144 24.0 19.7 29.5
142 74.6 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.227 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS

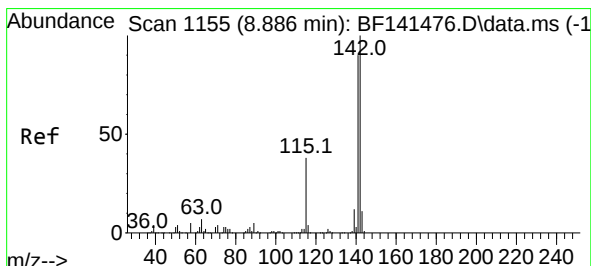
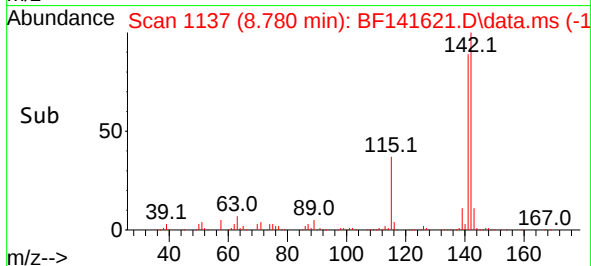
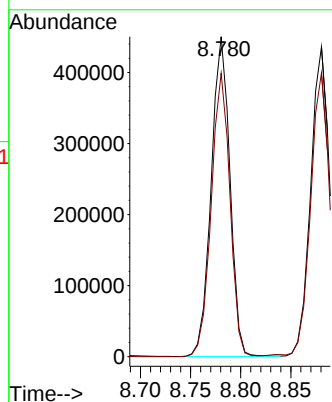
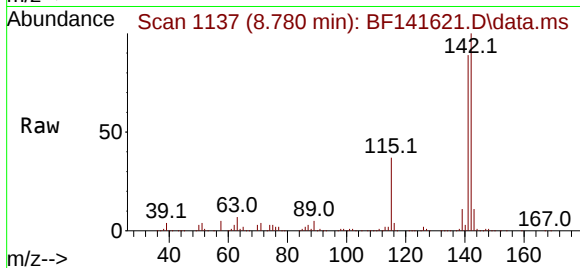
Tgt Ion:142 Resp: 58555
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8

Manual Integrations
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Reviewed By :Rahul
Chavli

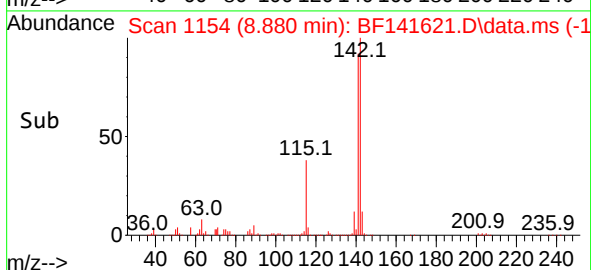
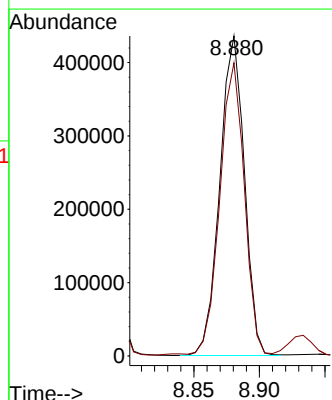
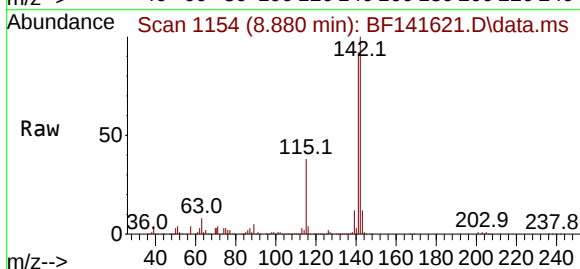
02/14/2025
Supervised By :mohammad
ahmed

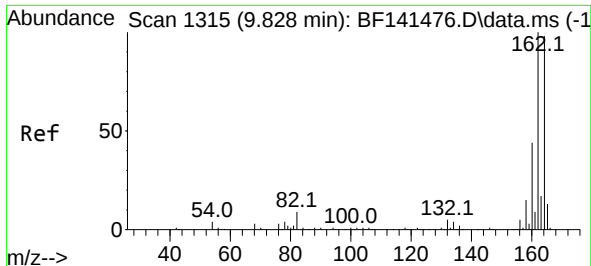
02/15/2025



#38
1-Methylnaphthalene
Concen: 40.207 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

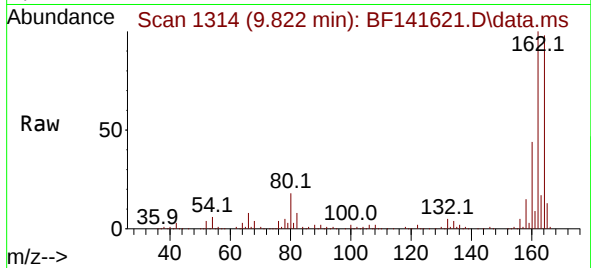
Tgt Ion:142 Resp: 566834
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



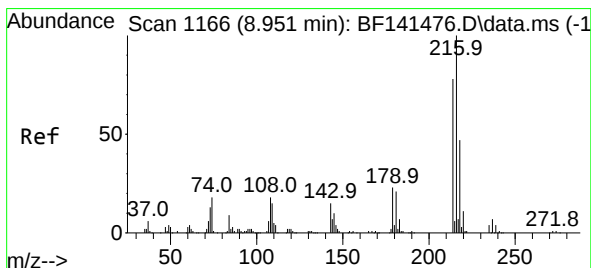
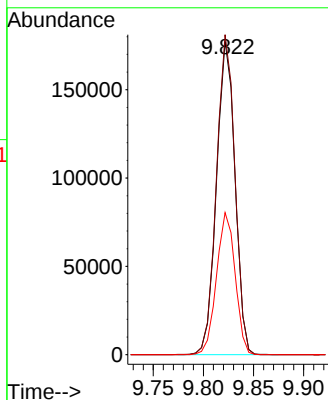
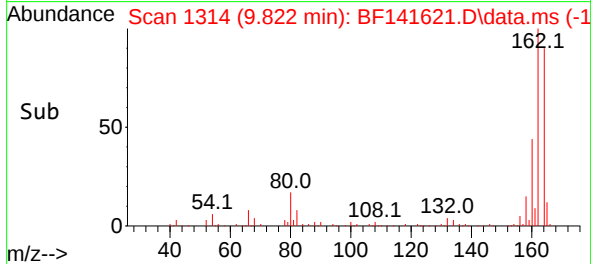
Tgt Ion:164 Resp: 22712
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.3 35.9 53.9

Manual Integrations
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Reviewed By :Rahul
Chavli

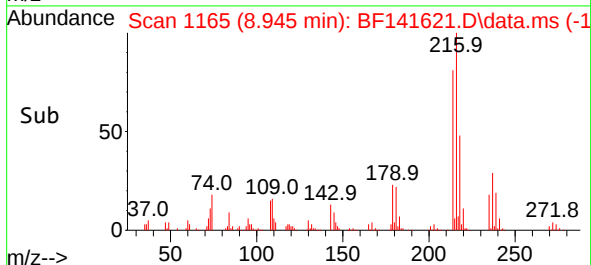
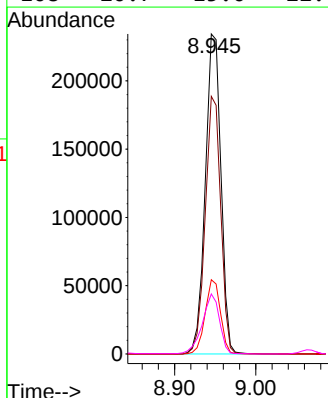
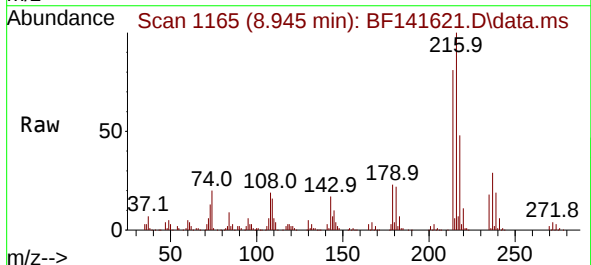
02/14/2025
Supervised By :mohammad
ahmed

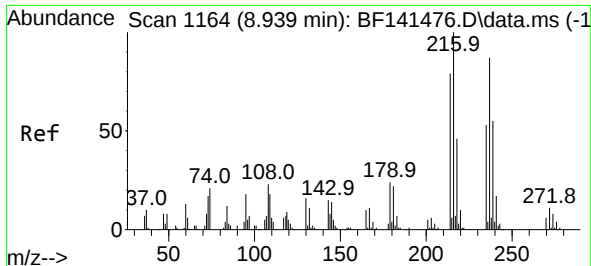
02/15/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.600 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

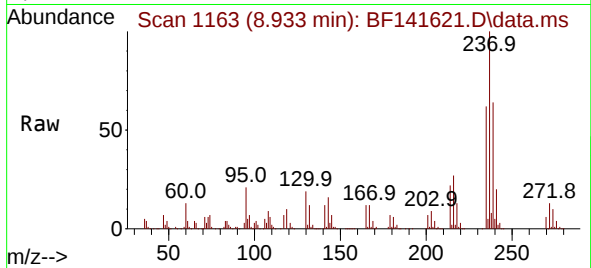
Tgt Ion:216 Resp: 312775
Ion Ratio Lower Upper
216 100
214 79.7 62.3 93.5
179 22.7 18.0 27.0
108 20.7 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 135.561 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



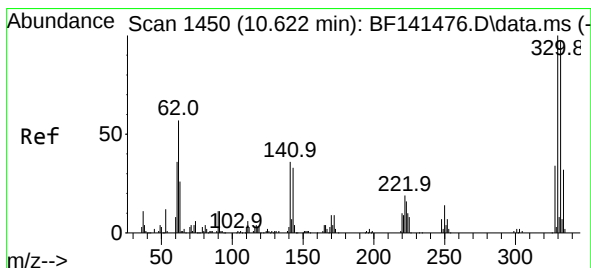
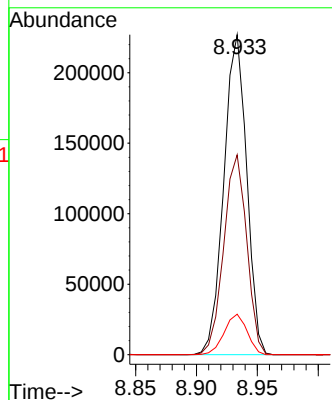
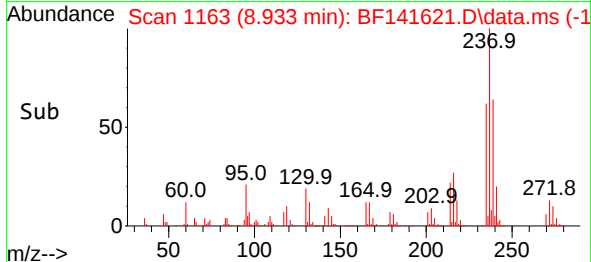
Tgt Ion:237 Resp: 296274
Ion Ratio Lower Upper
237 100
235 62.5 41.4 81.4
272 12.7 0.0 32.4

Manual Integrations
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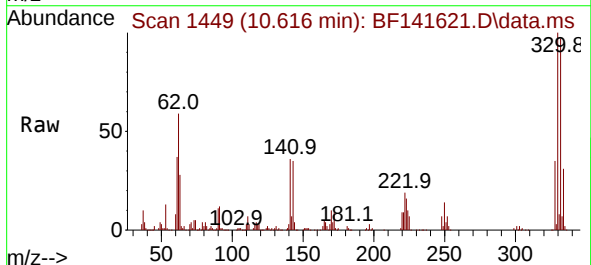
Reviewed By :Rahul
Chavli

02/14/2025
Supervised By :mohammad
ahmed

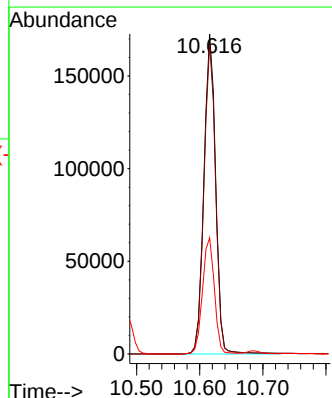
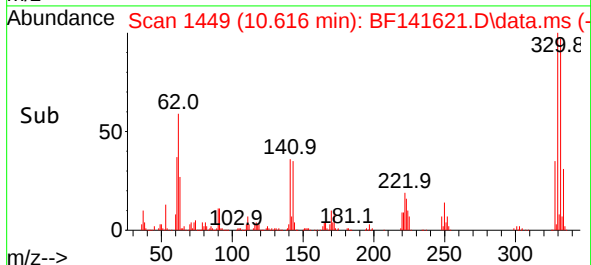
02/15/2025

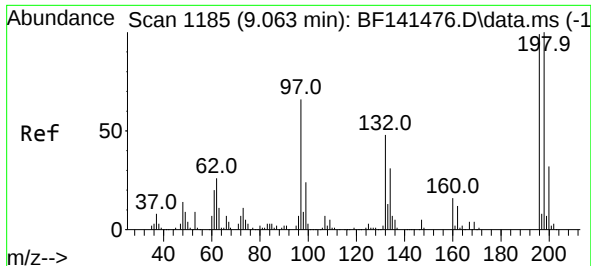


#42
2,4,6-Tribromophenol
Concen: 97.764 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08



Tgt Ion:330 Resp: 223053
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 36.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.902 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion:196 Resp: 182196

Ion Ratio Lower Upper

196 100

198 101.7 80.6 121.0

200 32.0 25.5 38.3

Manual Integrations

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Reviewed By :Rahul

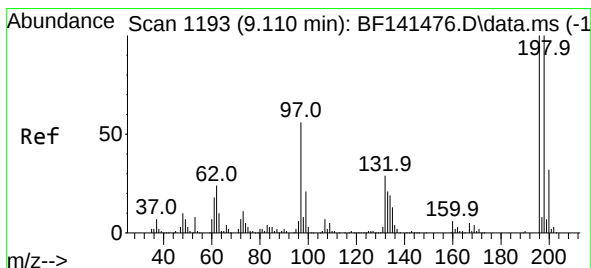
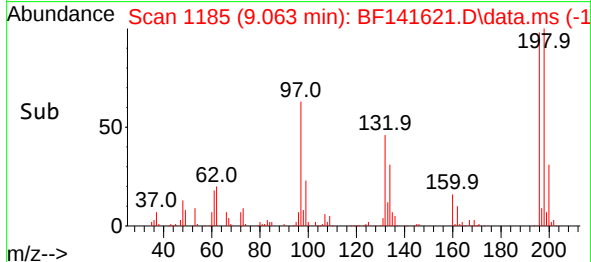
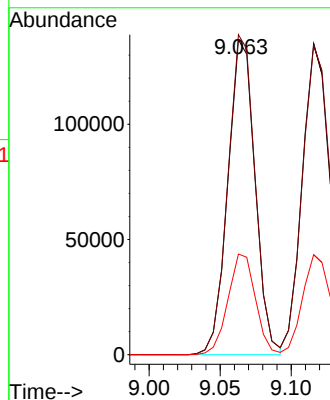
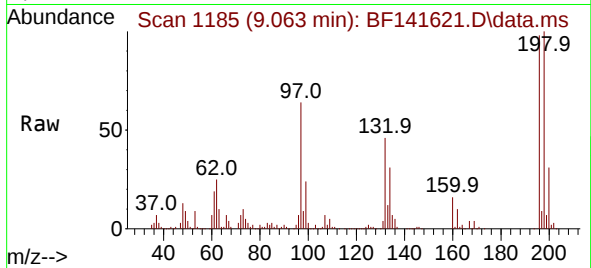
Chavli

02/14/2025

Supervised By :mohammad

ahmed

02/15/2025



#44

2,4,5-Trichlorophenol

Concen: 41.523 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Tgt Ion:196 Resp: 191114

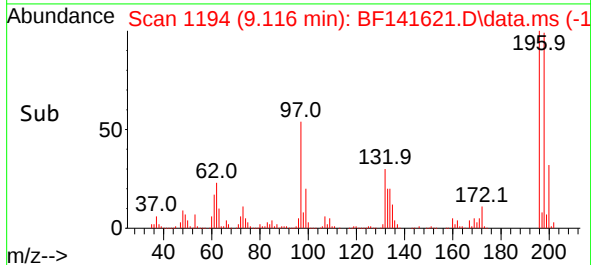
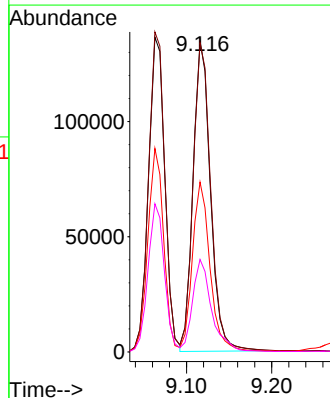
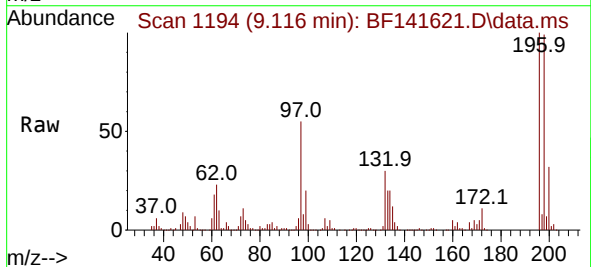
Ion Ratio Lower Upper

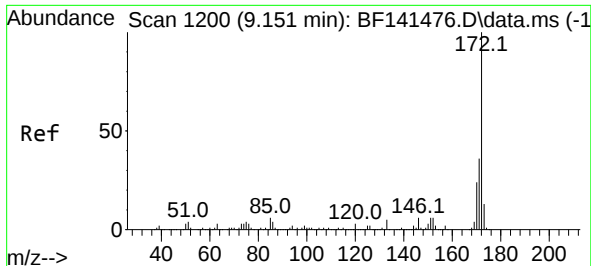
196 100

198 99.4 79.8 119.8

97 54.6 44.8 67.2

132 29.7 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 71.513 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion:172 Resp: 105424

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.4 18.9 28.3

Manual Integrations

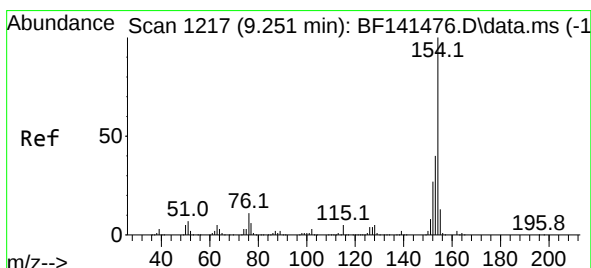
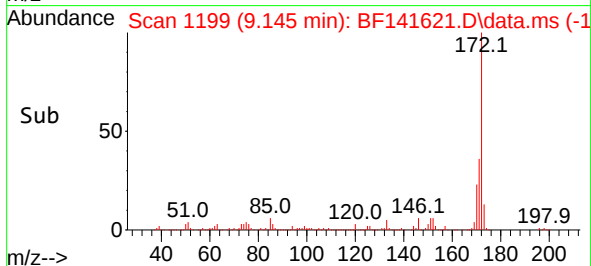
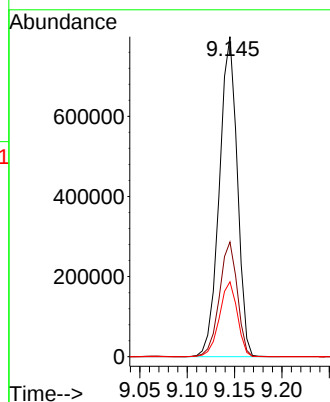
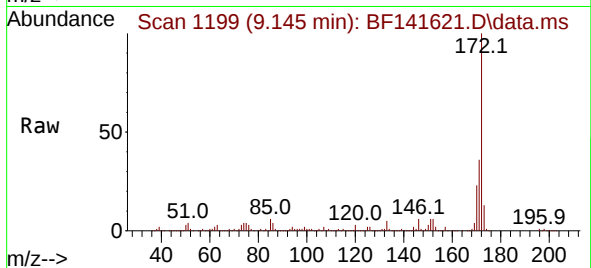
APPROVED

Reviewed By :Rahul
Chavli

02/14/2025

Supervised By :mohammad
ahmed

02/15/2025



#46

1,1'-Biphenyl

Concen: 47.068 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

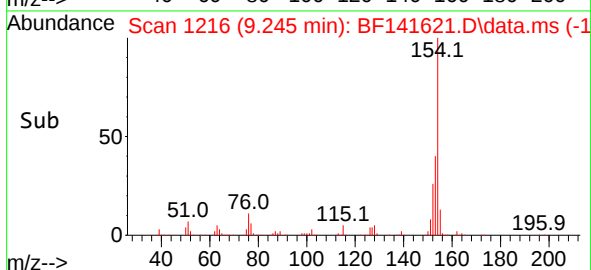
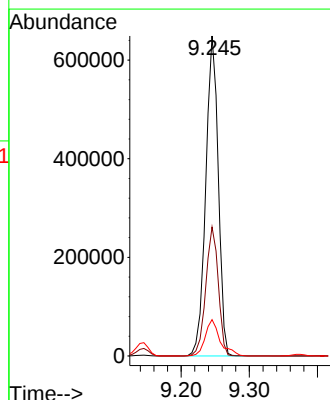
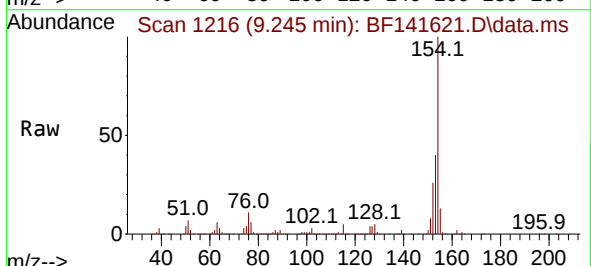
Tgt Ion:154 Resp: 828781

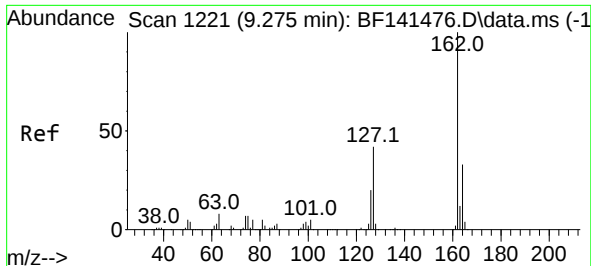
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

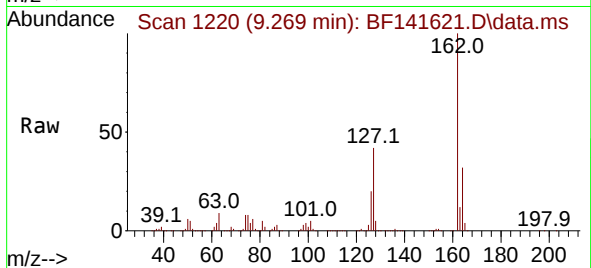
76 11.3 0.0 30.8





#47
2-Chloronaphthalene
Concen: 43.052 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



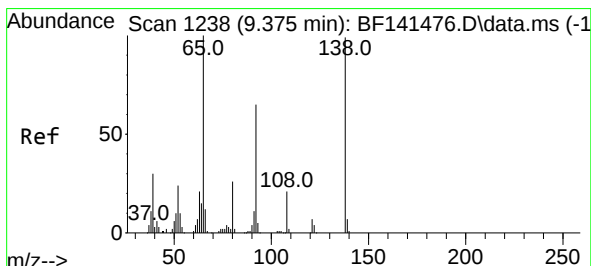
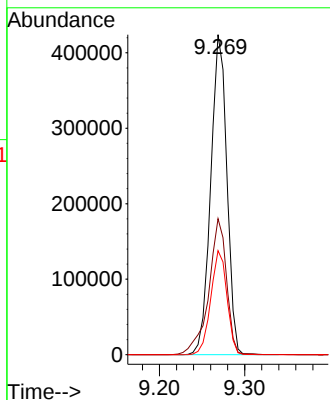
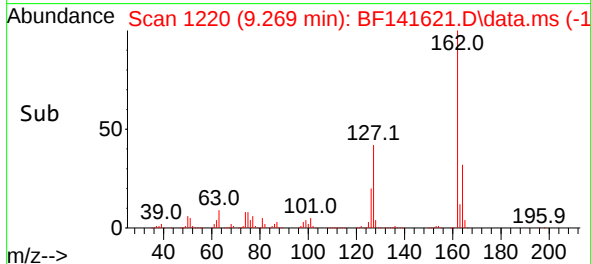
Tgt Ion:162 Resp: 56057
Ion Ratio Lower Upper
162 100
127 42.5 34.1 51.1
164 32.5 26.3 39.5

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Reviewed By :Rahul
Chavli

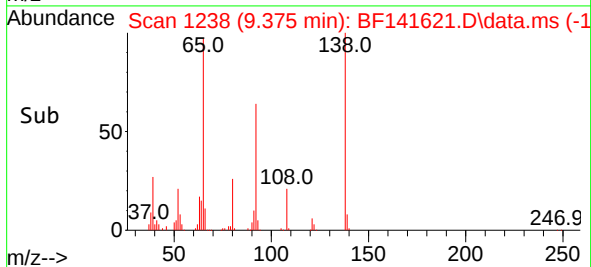
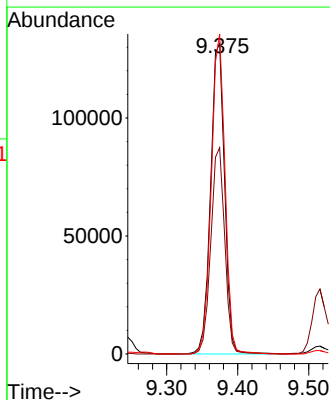
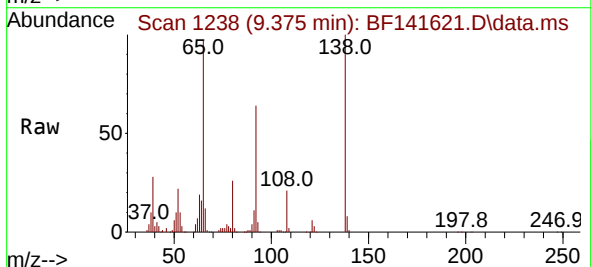
02/14/2025
Supervised By :mohammad
ahmed

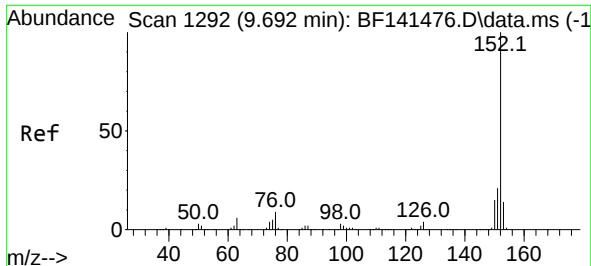
02/15/2025



#48
2-Nitroaniline
Concen: 41.278 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

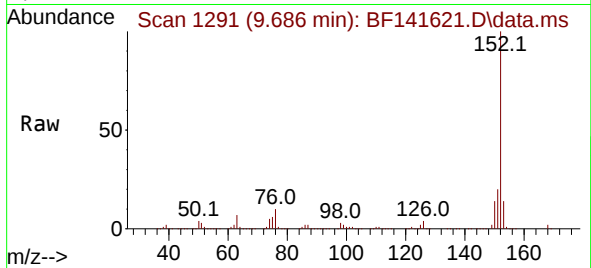
Tgt Ion: 65 Resp: 180377
Ion Ratio Lower Upper
65 100
92 66.4 52.2 78.2
138 103.0 79.5 119.3





#49
Acenaphthylene
Concen: 43.943 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



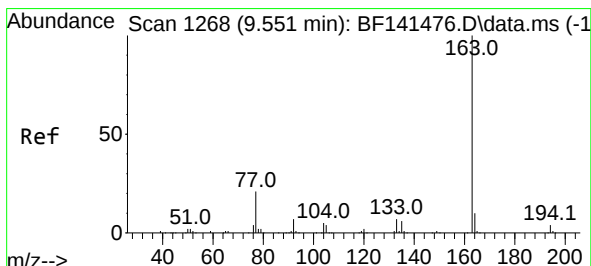
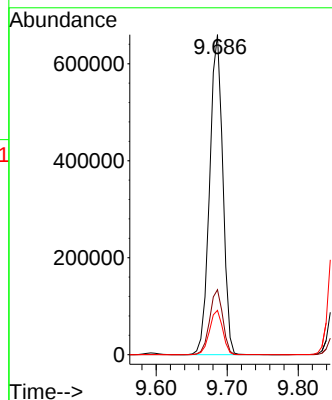
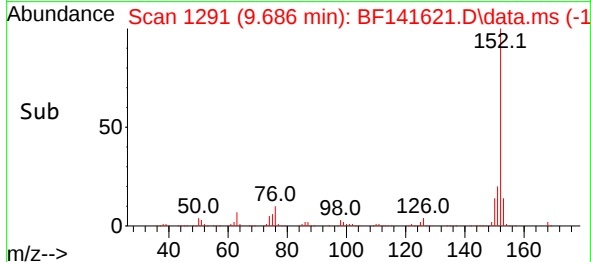
Tgt Ion:152 Resp: 85105
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.9 10.9 16.3

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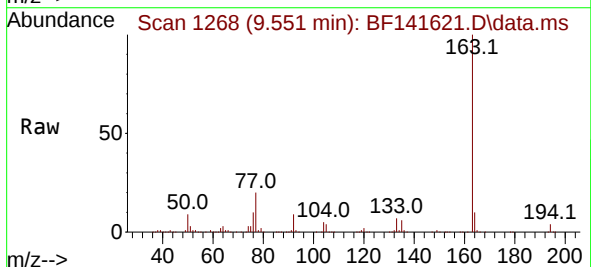
Reviewed By :Rahul
Chavli

02/14/2025
Supervised By :mohammad
ahmed

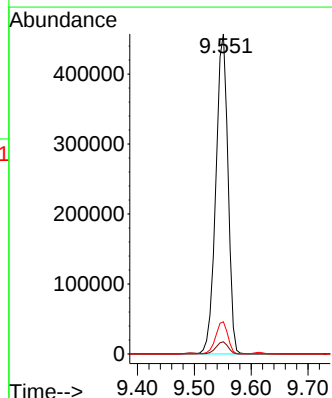
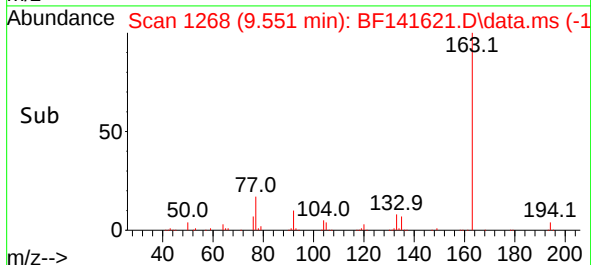
02/15/2025

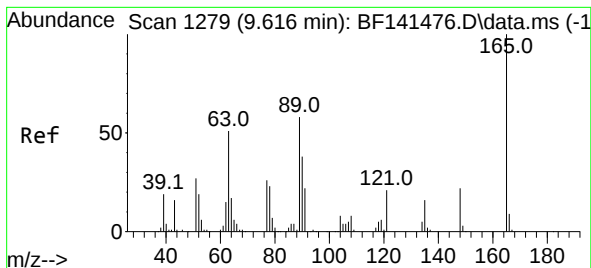


#50
Dimethylphthalate
Concen: 43.811 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08



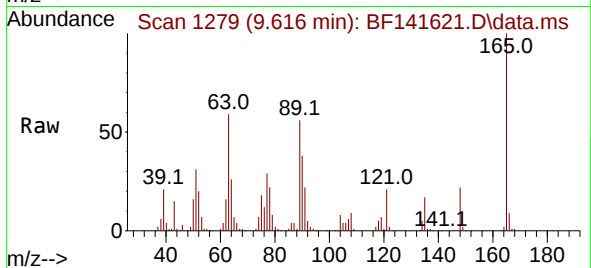
Tgt Ion:163 Resp: 675507
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.462 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



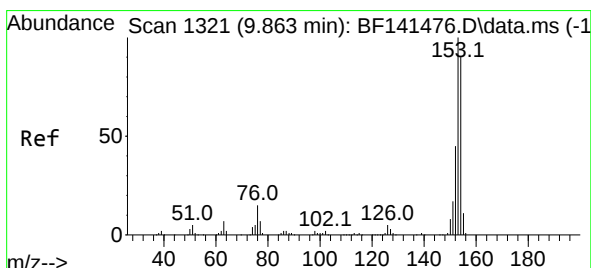
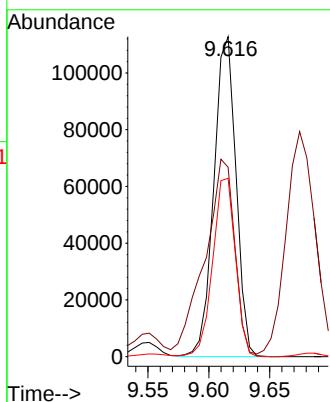
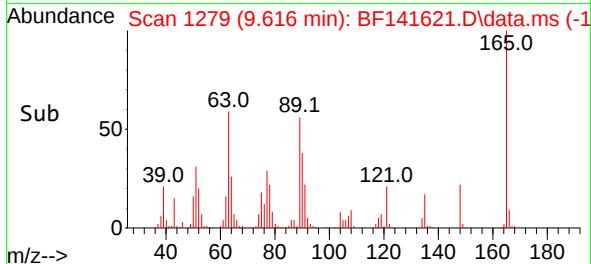
Tgt Ion:165 Resp: 14312
Ion Ratio Lower Upper
165 100
63 59.2 49.4 74.0
89 55.8 46.5 69.7

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Reviewed By :Rahul
Chavli

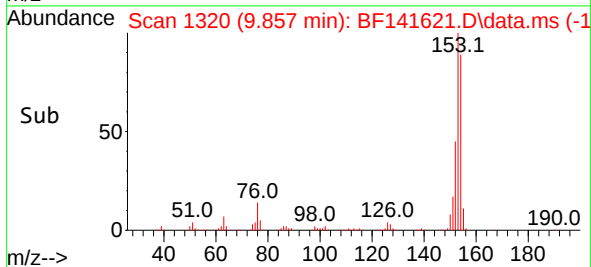
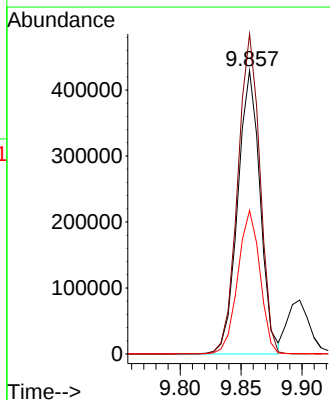
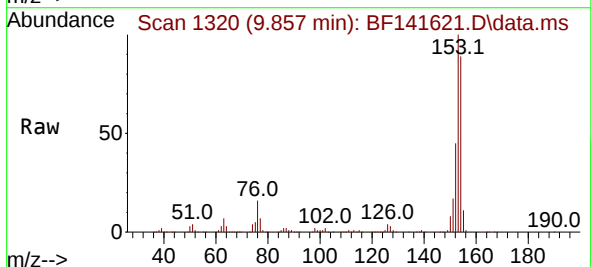
02/14/2025
Supervised By :mohammad
ahmed

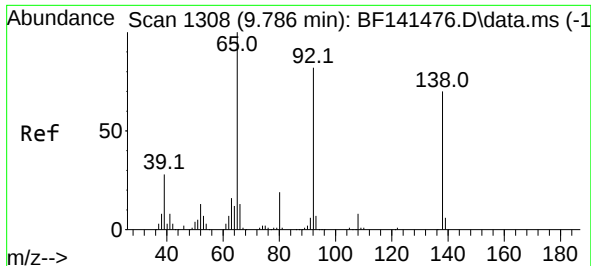
02/15/2025



#52
Acenaphthene
Concen: 42.236 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

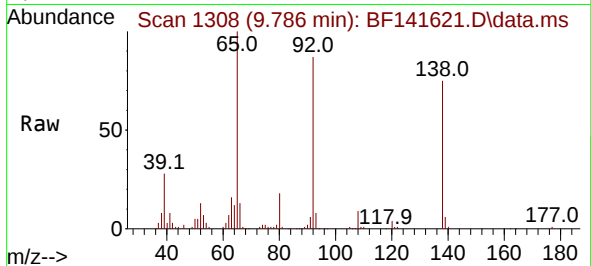
Tgt Ion:154 Resp: 549920
Ion Ratio Lower Upper
154 100
153 113.0 89.2 133.8
152 50.7 39.8 59.8





#53
3-Nitroaniline
Concen: 20.730 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



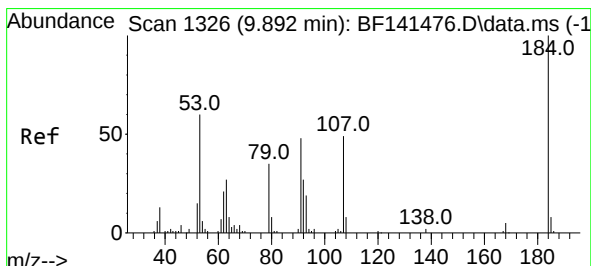
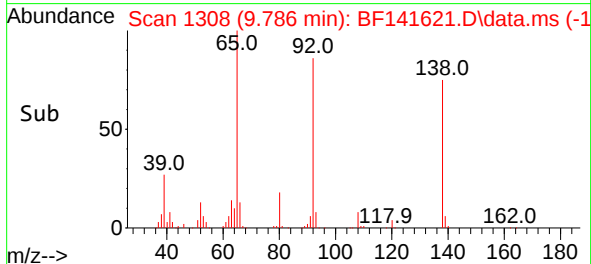
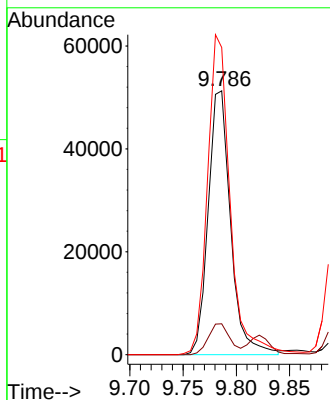
Tgt Ion:138 Resp: 75200
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 116.5 93.7 140.5

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Reviewed By :Rahul
Chavli

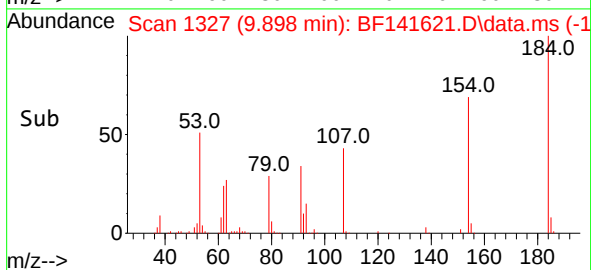
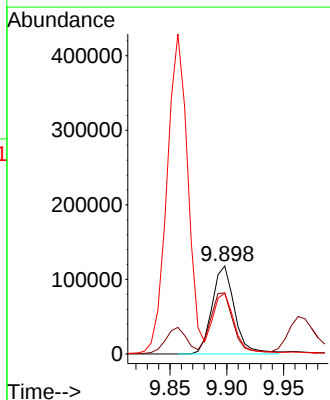
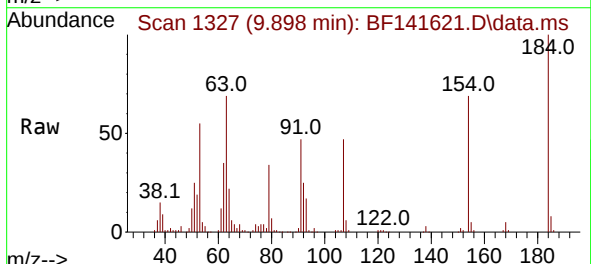
02/14/2025
Supervised By :mohammad
ahmed

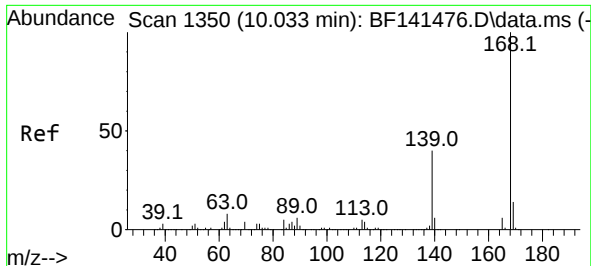
02/15/2025



#54
2,4-Dinitrophenol
Concen: 81.378 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

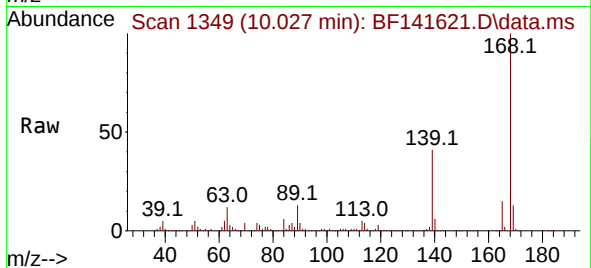
Tgt Ion:184 Resp: 163021
Ion Ratio Lower Upper
184 100
63 69.2 61.0 91.6
154 69.3 59.9 89.9





#55
Dibenzenofuran
Concen: 41.185 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



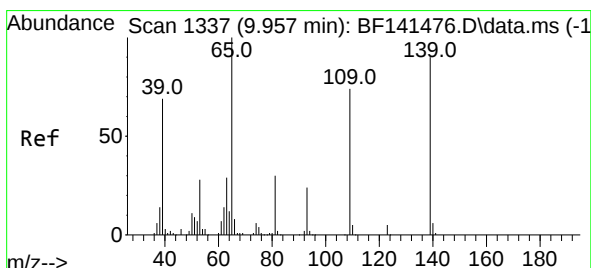
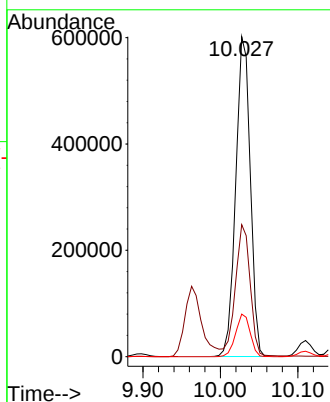
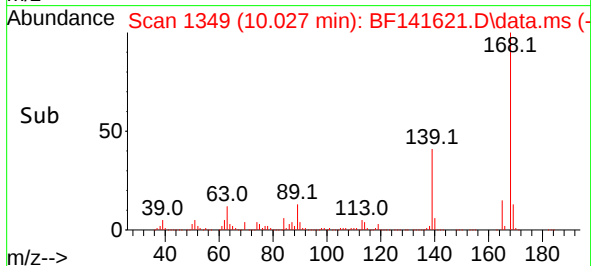
Tgt Ion:168 Resp: 78710
Ion Ratio Lower Upper
168 100
139 41.3 32.7 49.1
169 13.3 10.8 16.2

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Reviewed By :Rahul
Chavli

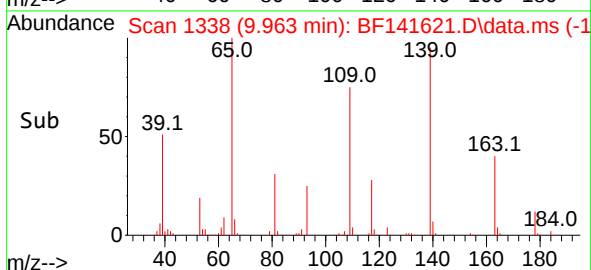
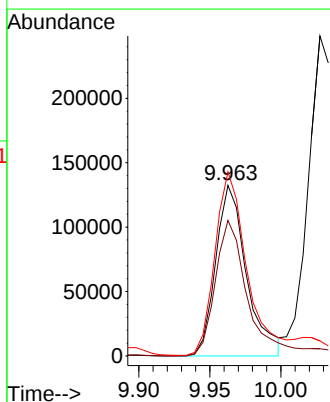
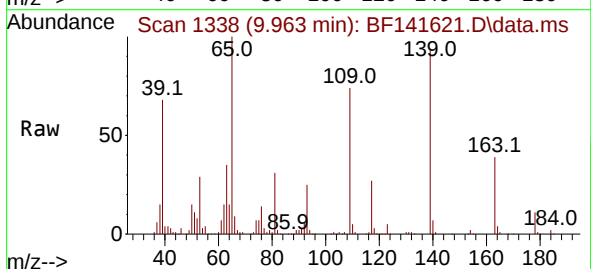
02/14/2025
Supervised By :mohammad
ahmed

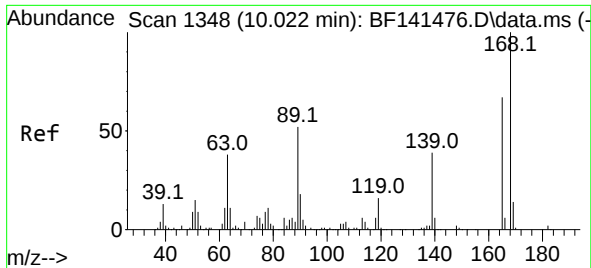
02/15/2025



#56
4-Nitrophenol
Concen: 74.285 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

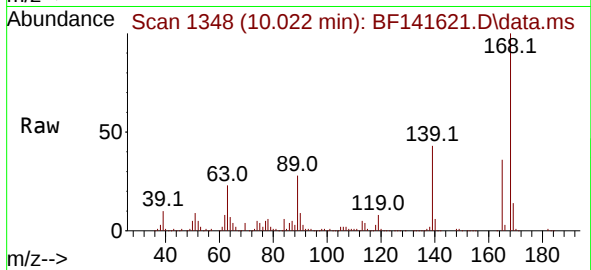
Tgt Ion:139 Resp: 200053
Ion Ratio Lower Upper
139 100
109 79.5 62.0 102.0
65 108.0 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 43.013 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



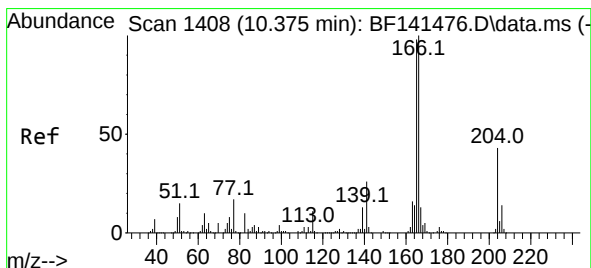
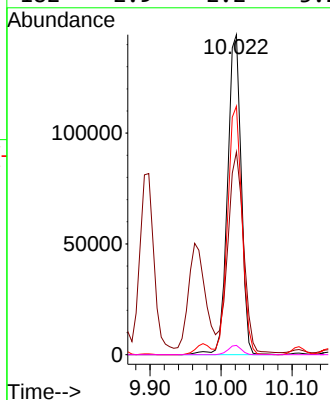
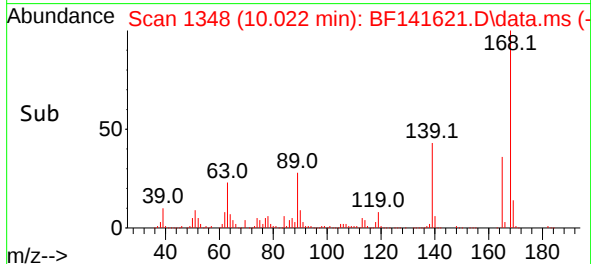
Tgt Ion:165 Resp: 193000
Ion Ratio Lower Upper
165 100
63 63.4 46.4 69.6
89 77.7 61.8 92.6
182 2.9 2.2 3.2

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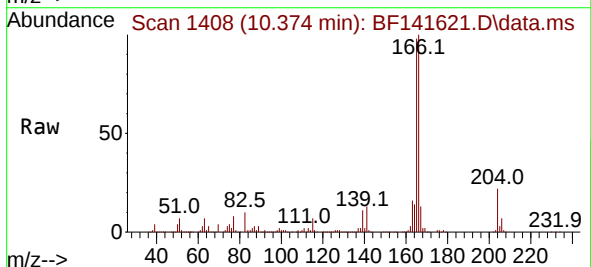
Reviewed By :Rahul
Chavli

02/14/2025
Supervised By :mohammad
ahmed

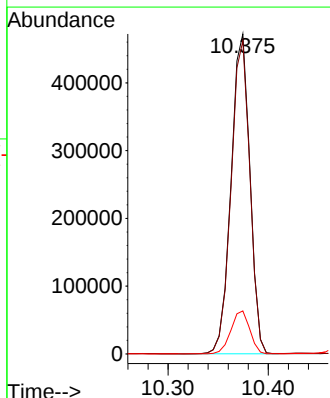
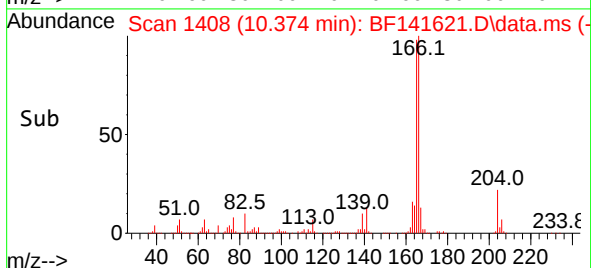
02/15/2025

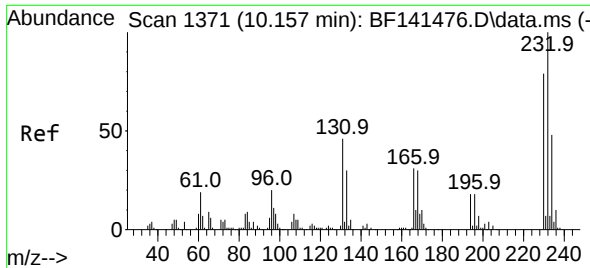


#58
Fluorene
Concen: 41.680 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08



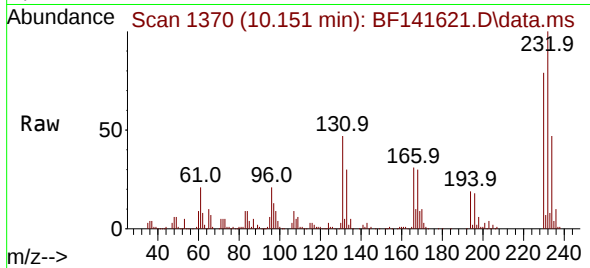
Tgt Ion:166 Resp: 615901
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.011 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



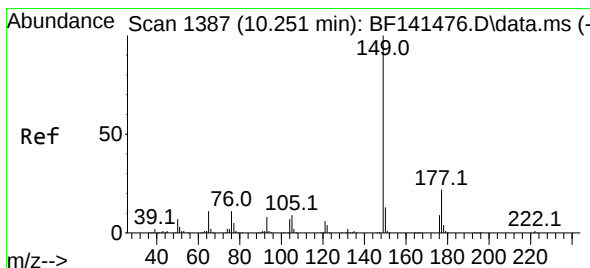
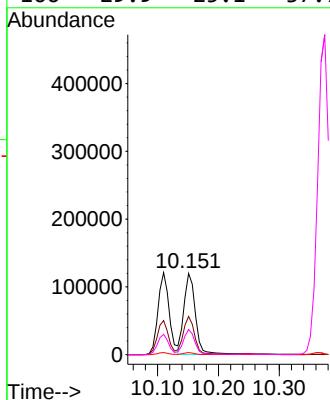
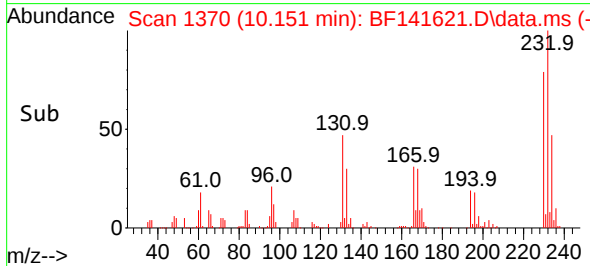
Tgt Ion:232 Resp: 158549
Ion Ratio Lower Upper
232 100
131 45.8 39.2 58.8
130 2.3 2.1 3.1
166 29.9 25.1 37.7

Manual Integrations
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Reviewed By :Rahul
Chavli

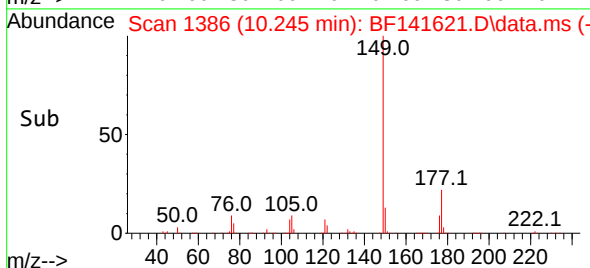
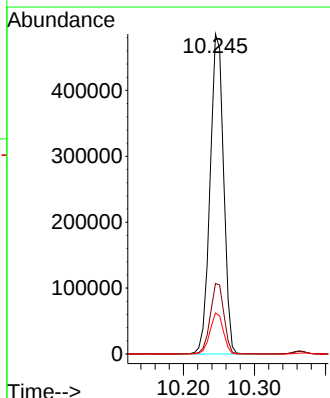
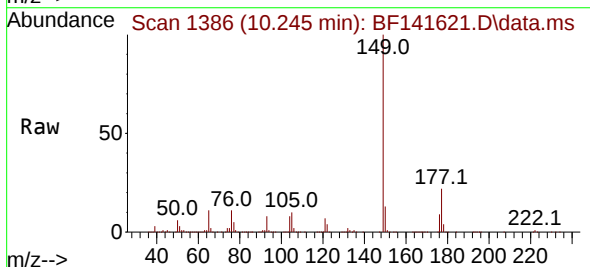
02/14/2025
Supervised By :mohammad
ahmed

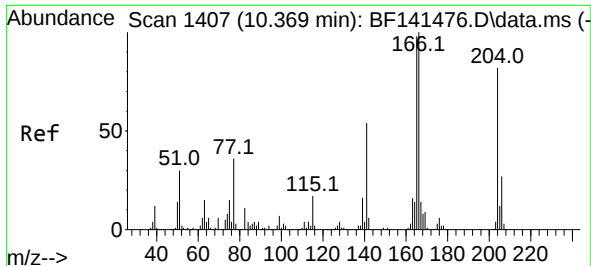
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#60
Diethylphthalate
Concen: 42.331 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

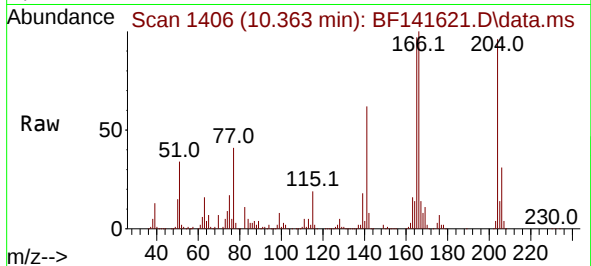
Tgt Ion:149 Resp: 642172
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.645 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



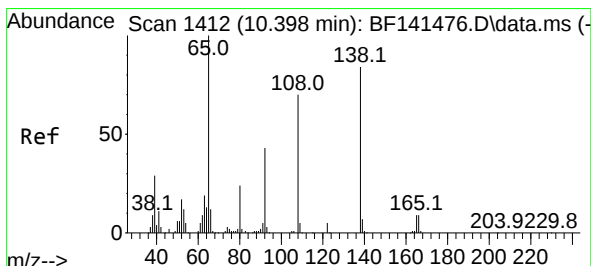
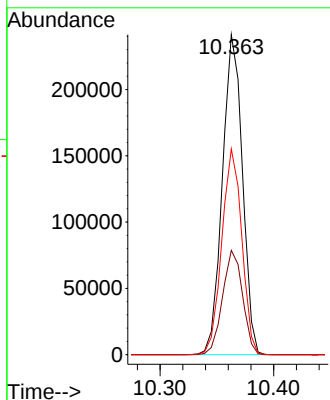
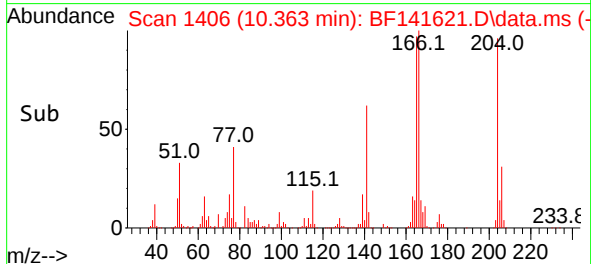
Tgt Ion:204 Resp: 296050
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 64.3 51.9 77.9

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Reviewed By :Rahul
Chavli

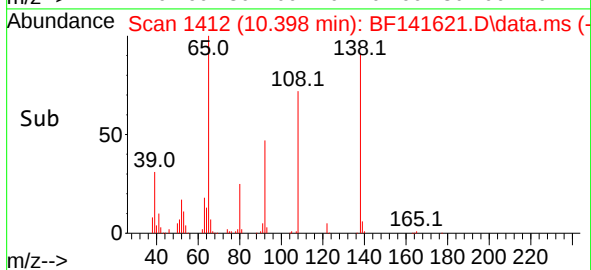
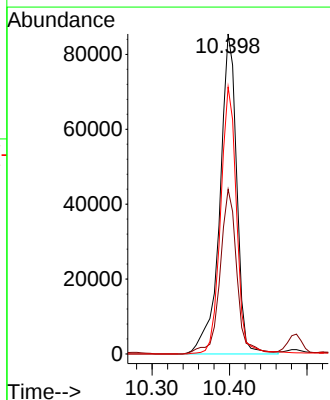
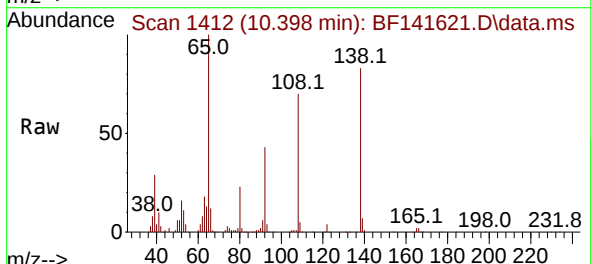
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Supervised By :mohammad
ahmed

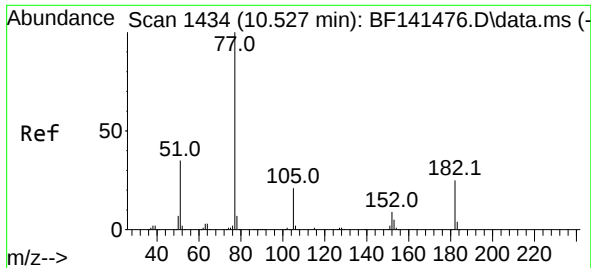
02/15/2025



#62
4-Nitroaniline
Concen: 35.341 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

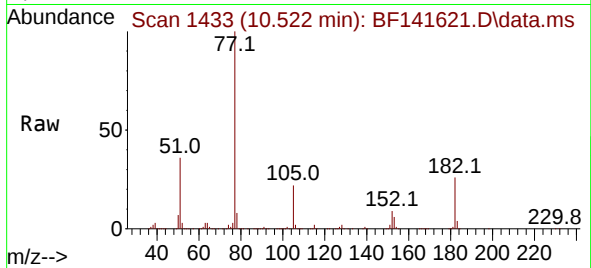
Tgt Ion:138 Resp: 130186
Ion Ratio Lower Upper
138 100
92 51.5 31.3 71.3
108 83.5 63.7 103.7





#63
Azobenzene
Concen: 44.113 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



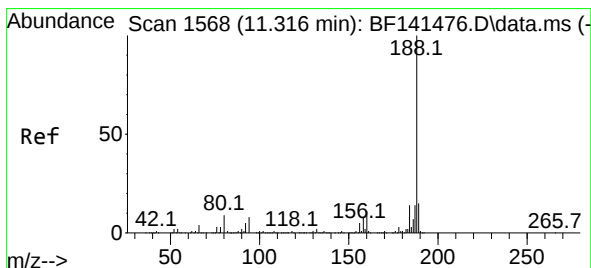
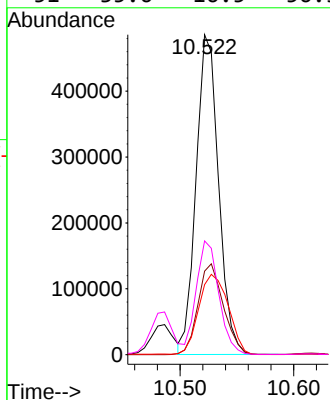
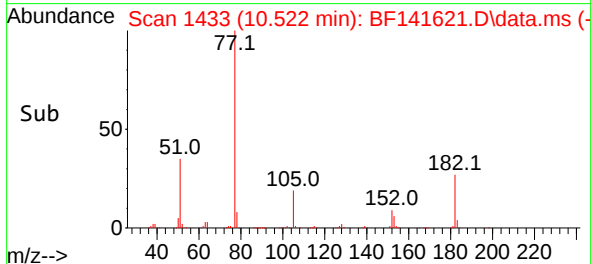
Tgt Ion: 77 Resp: 665279
Ion Ratio Lower Upper
77 100
182 26.1 4.7 44.7
105 21.9 0.4 40.4
51 35.6 16.5 56.5

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Chavli

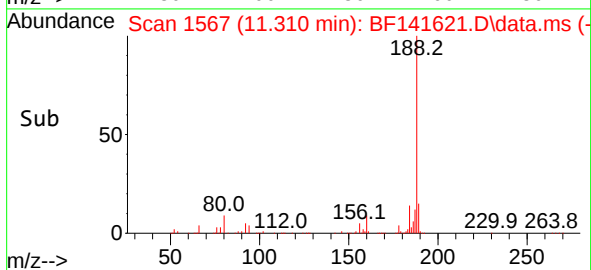
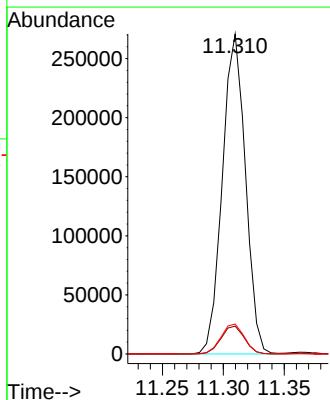
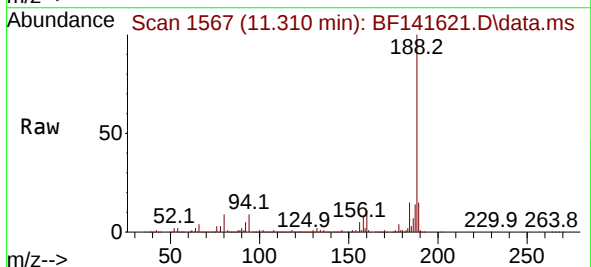
02/14/2025
Supervised By :mohammad
ahmed

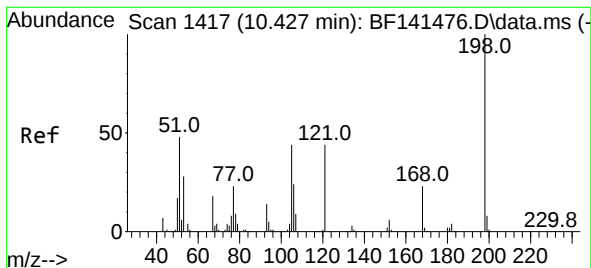
02/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Tgt Ion:188 Resp: 357134
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.4 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.944 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS

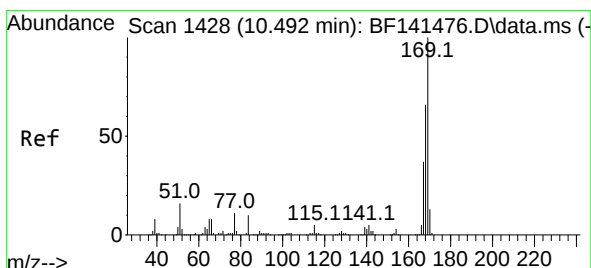
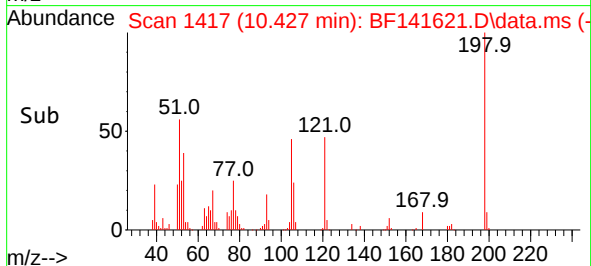
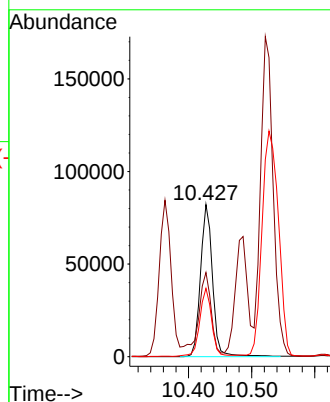
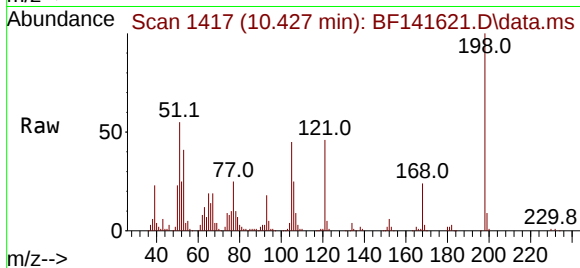
Tgt Ion:198 Resp: 10901
Ion Ratio Lower Upper
198 100
51 55.3 37.4 77.4
105 44.9 25.2 65.2

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Reviewed By :Rahul
Chavli

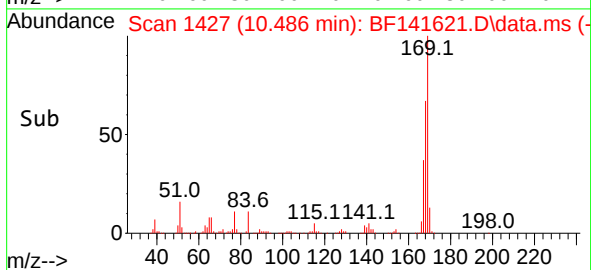
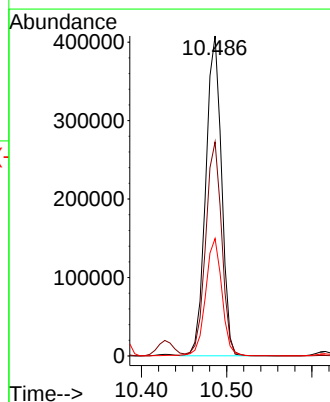
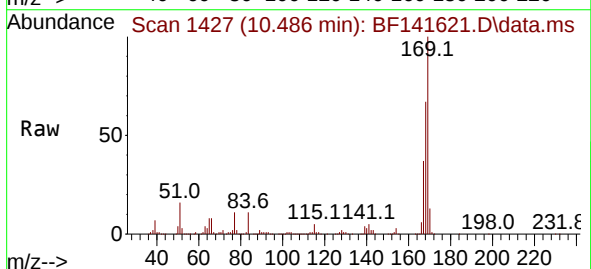
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Supervised By :mohammad
ahmed

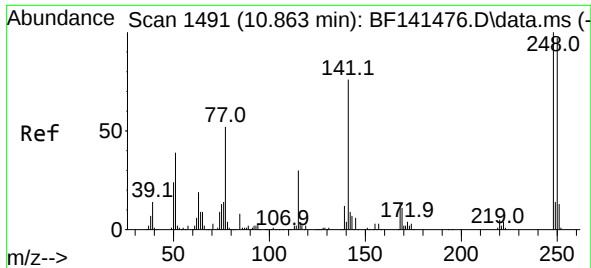
02/15/2025



#66
n-Nitrosodiphenylamine
Concen: 45.809 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

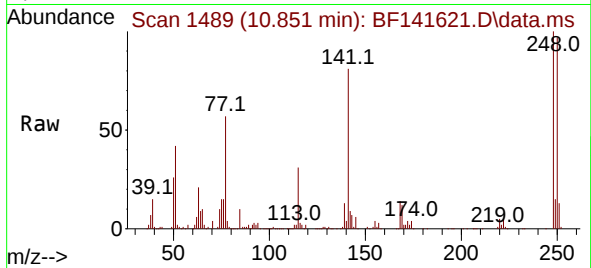
Tgt Ion:169 Resp: 523700
Ion Ratio Lower Upper
169 100
168 66.9 53.3 79.9
167 36.7 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 46.272 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



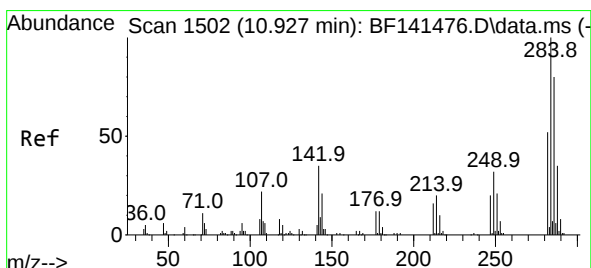
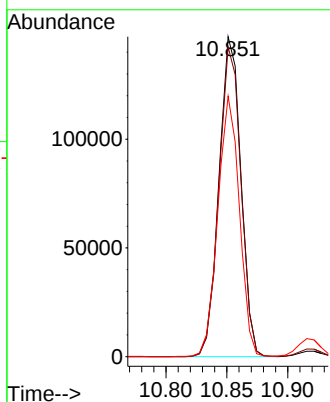
Tgt Ion:248 Resp: 184690
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.6
141 81.4 60.6 90.8

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Chavli

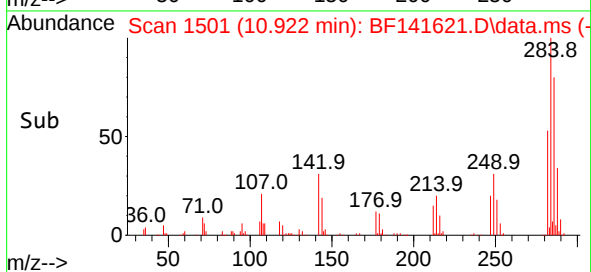
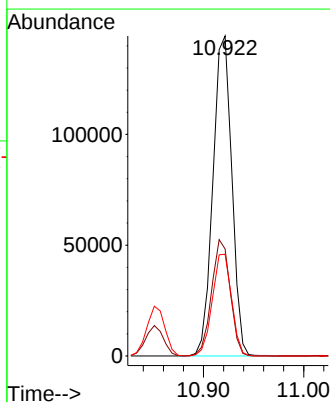
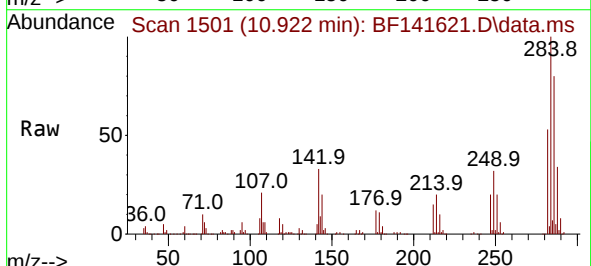
02/14/2025
Supervised By :mohammad
ahmed

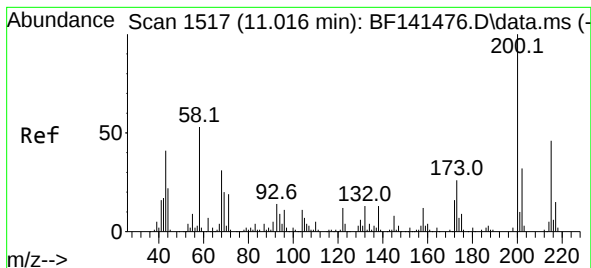
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#68
Hexachlorobenzene
Concen: 45.944 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Tgt Ion:284 Resp: 188834
Ion Ratio Lower Upper
284 100
142 33.5 28.0 42.0
249 31.8 25.8 38.8





#69

Atrazine

Concen: 55.457 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion:200 Resp: 190200

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 46.1 25.9 65.9

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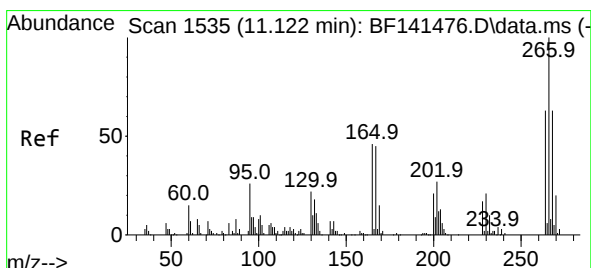
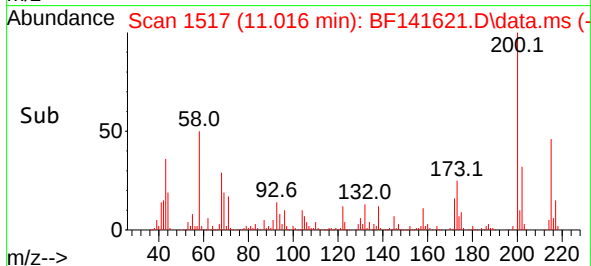
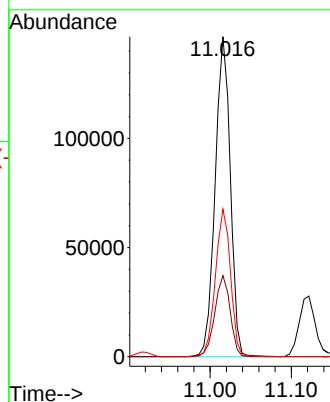
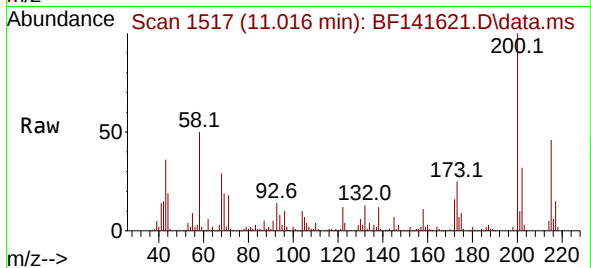
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Reviewed By :Rahul
Chavli

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Supervised By :mohammad
ahmed

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#70

Pentachlorophenol

Concen: 77.675 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

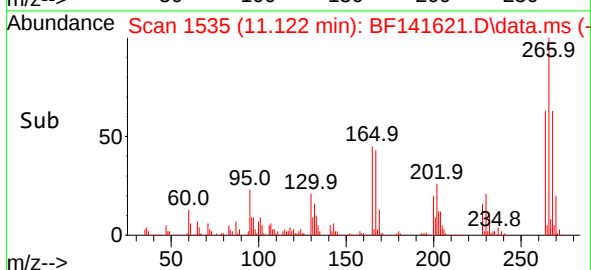
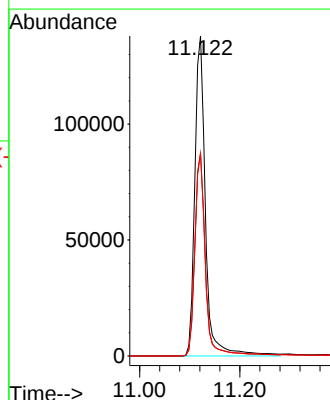
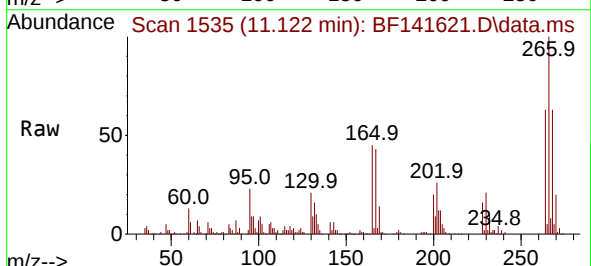
Tgt Ion:266 Resp: 204137

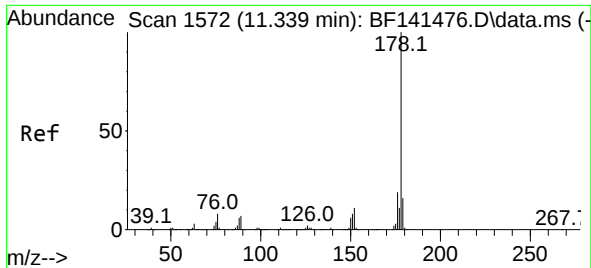
Ion Ratio Lower Upper

266 100

268 63.4 50.1 75.1

264 63.4 50.1 75.1





#71
Phenanthrene
Concen: 49.152 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS

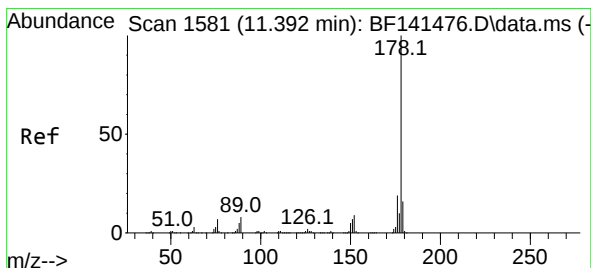
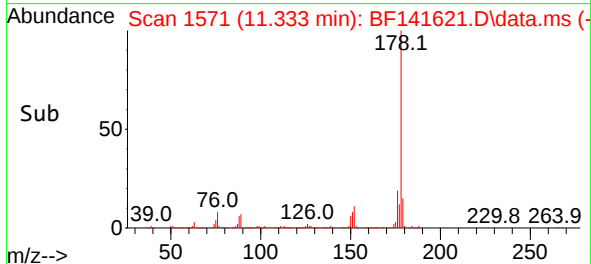
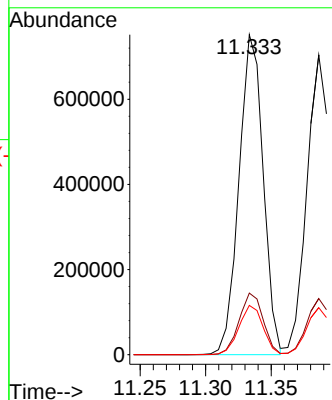
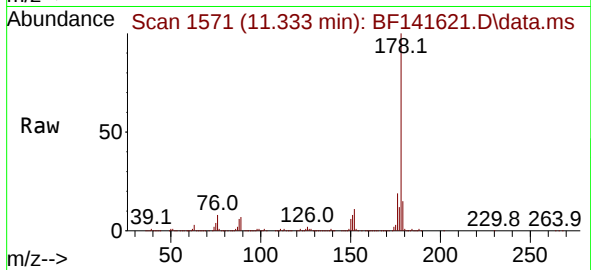
Tgt Ion:178 Resp: 966264
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.4 18.6

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Chavli

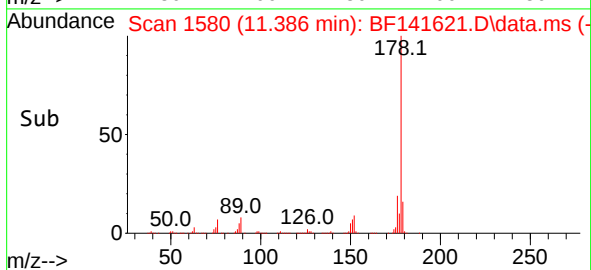
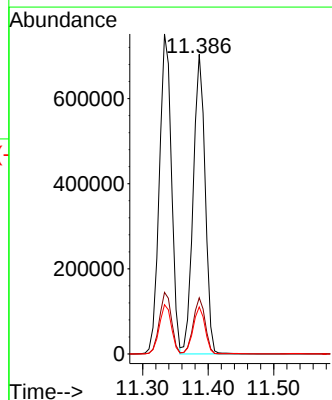
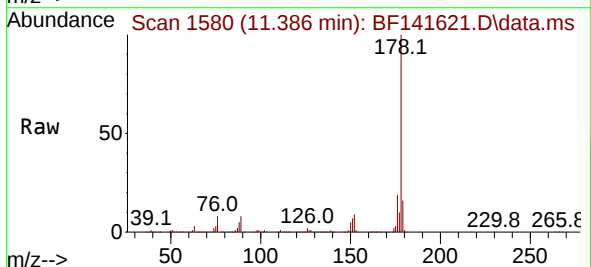
02/14/2025
Supervised By :mohammad
ahmed

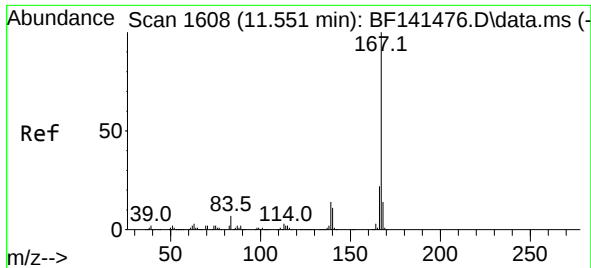
02/15/2025



#72
Anthracene
Concen: 45.028 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

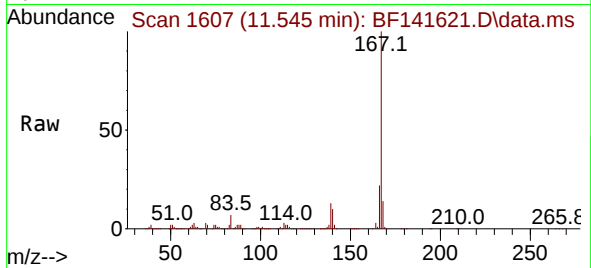
Tgt Ion:178 Resp: 889828
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 40.409 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141621.D
 Acq: 13 Feb 2025 18:08

Instrument :
 BNA_F
 ClientSampleId :
 346MS



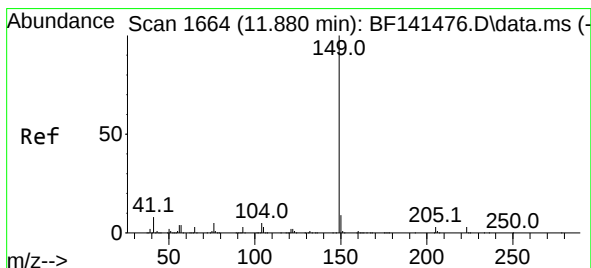
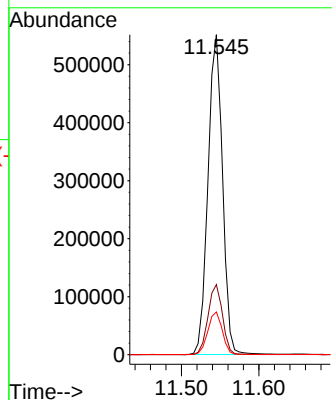
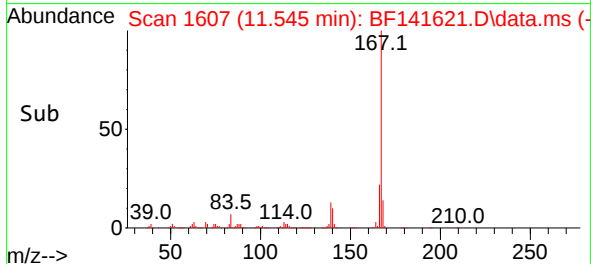
Tgt Ion:167 Resp: 718529
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.4 10.9 16.3

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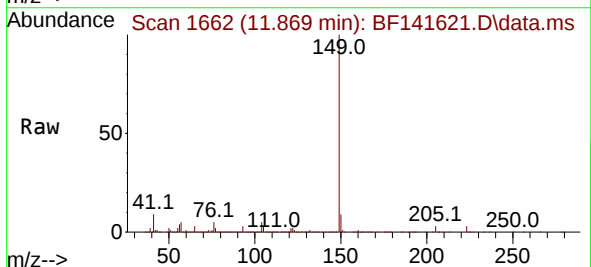
Reviewed By :Rahul
 Chavli

02/14/2025
 Supervised By :mohammad
 ahmed

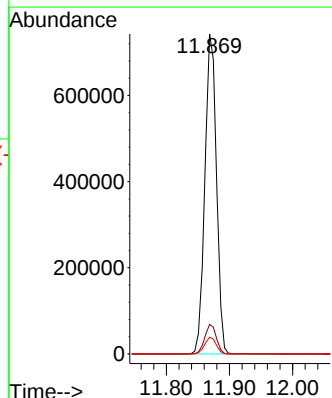
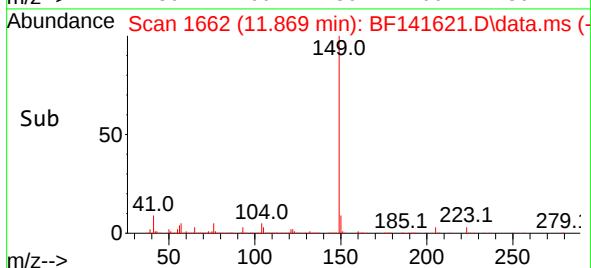
02/15/2025

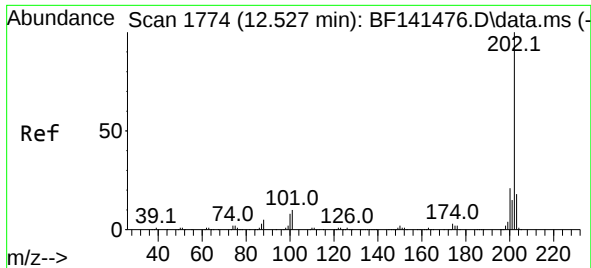


#74
 Di-n-butylphthalate
 Concen: 46.179 ng
 RT: 11.869 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BF141621.D
 Acq: 13 Feb 2025 18:08



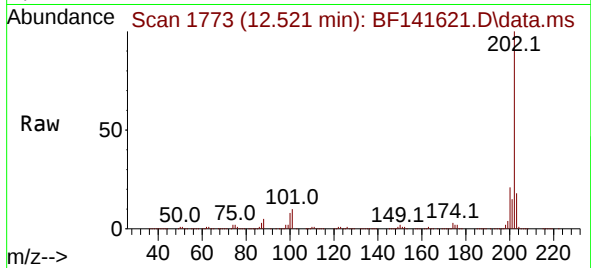
Tgt Ion:149 Resp: 948131
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 45.220 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



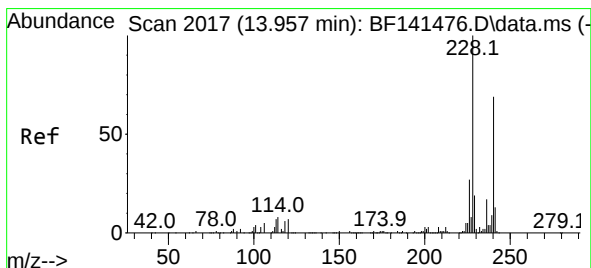
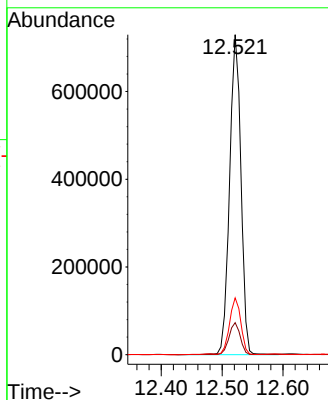
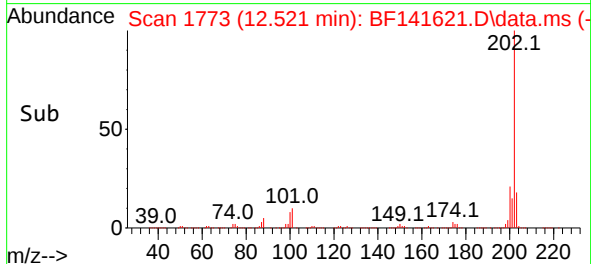
Tgt Ion:202 Resp: 942468
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.8 0.0 37.6

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Chavli

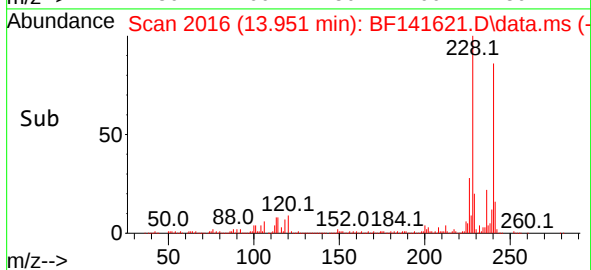
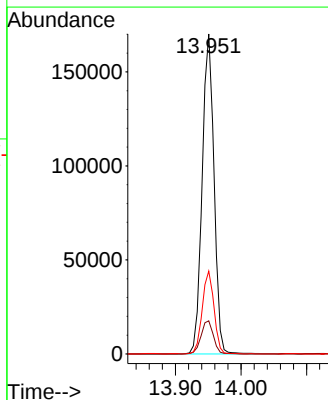
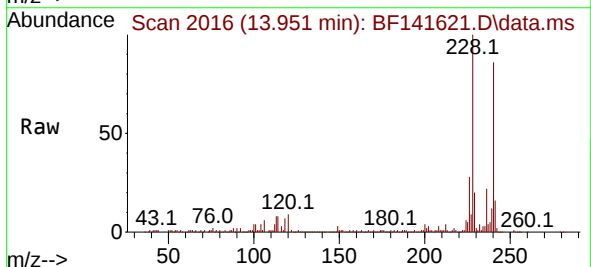
02/14/2025
Supervised By :mohammad
ahmed

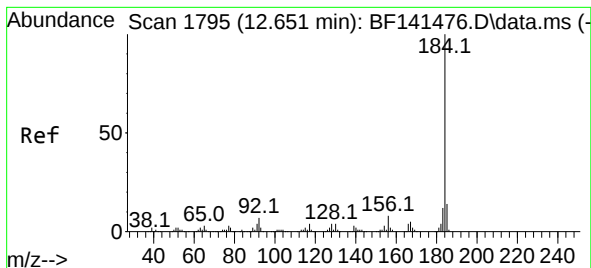
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Tgt Ion:240 Resp: 214860
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.9 19.8 29.8





#77

Benzidine

Concen: 17.330 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion:184 Resp: 82119
 Ion Ratio Lower Upper
 184 100
 185 16.0 11.3 16.9
 183 12.4 9.3 13.9

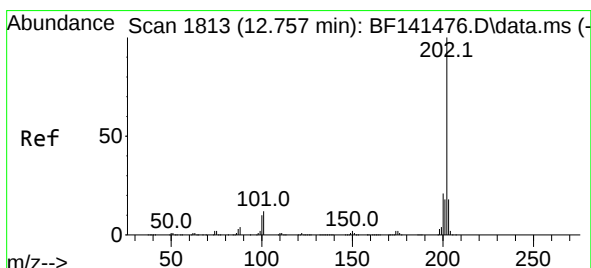
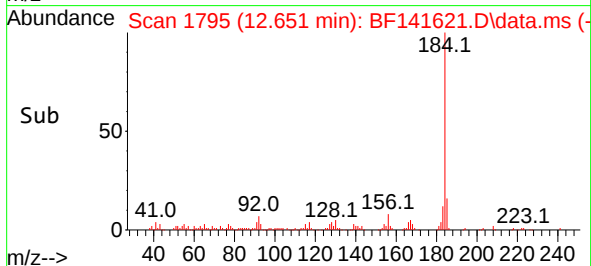
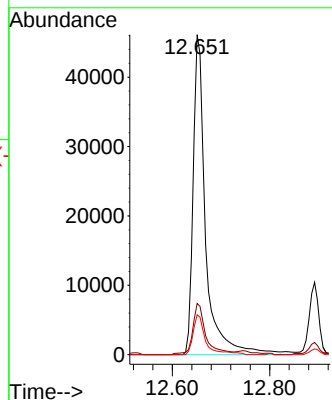
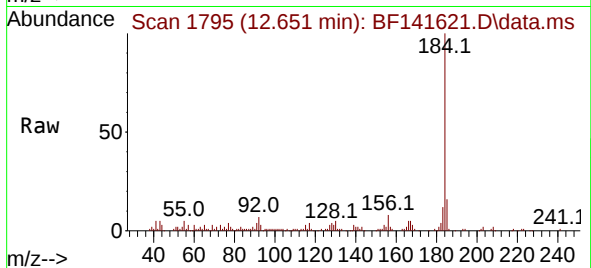
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Reviewed By :Rahul
 Chavli

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Supervised By :mohammad
 ahmed

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#78

Pyrene

Concen: 48.876 ng

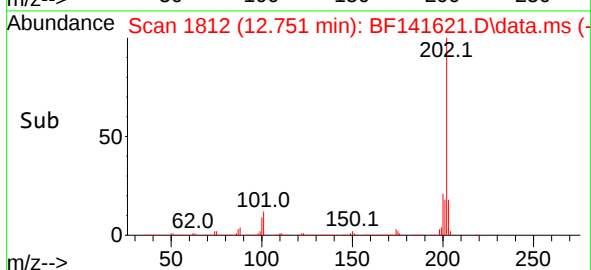
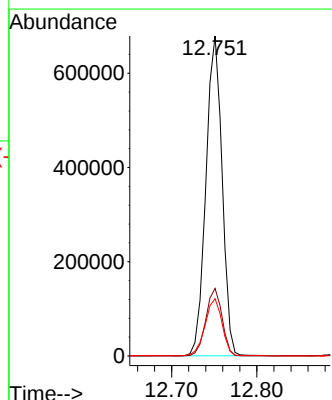
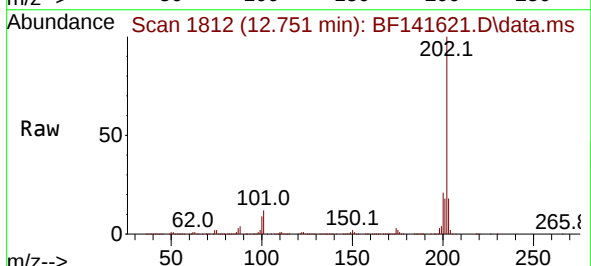
RT: 12.751 min Scan# 1812

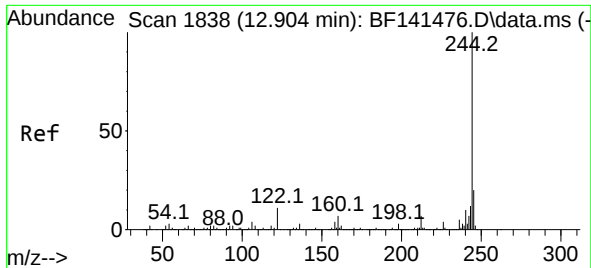
Delta R.T. -0.012 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Tgt Ion:202 Resp: 893955
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.9 14.3 21.5





#79
 Terphenyl-d14
 Concen: 75.336 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141621.D
 Acq: 13 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion:244 Resp: 958820
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.5 8.4 12.6

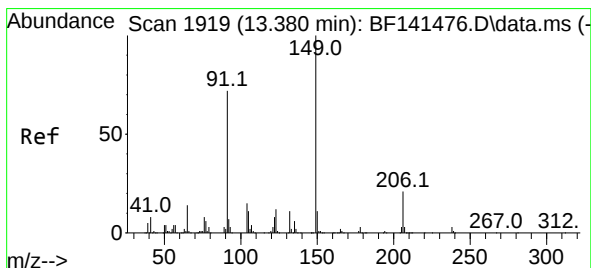
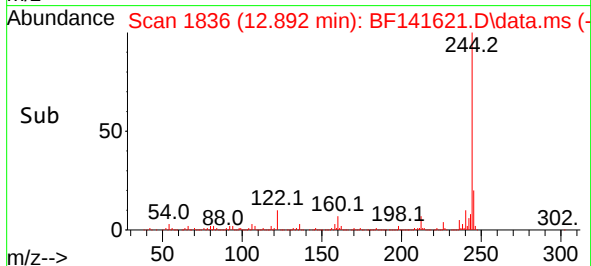
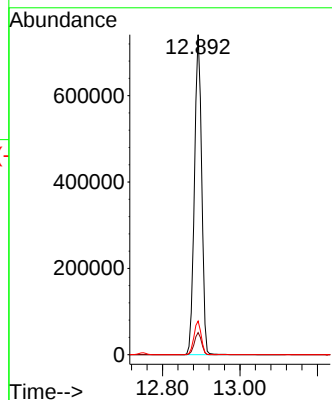
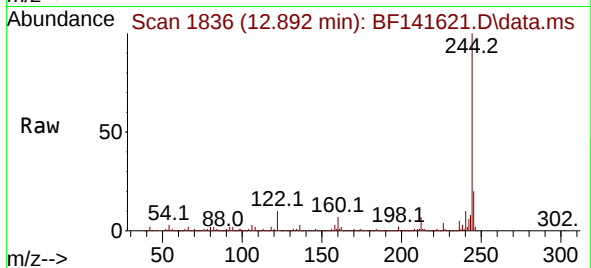
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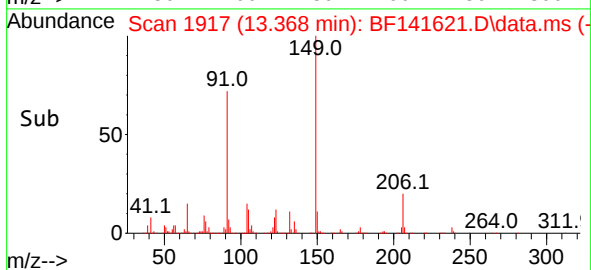
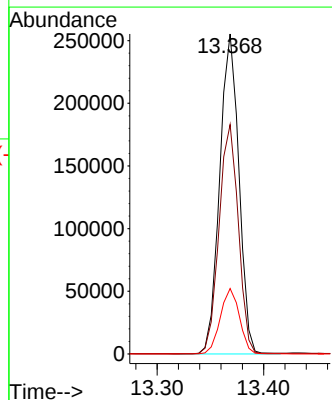
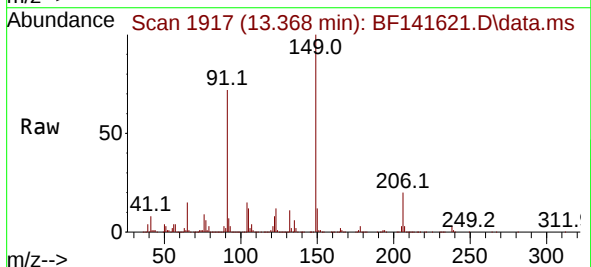
Supervised By :mohammad
 ahmed

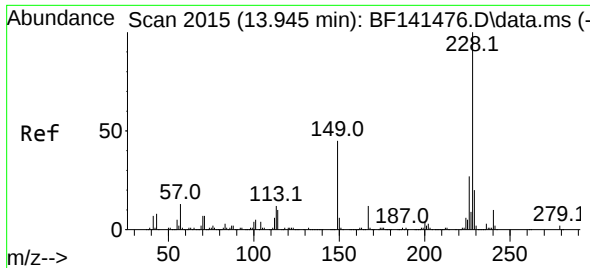
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#80
 Butylbenzylphthalate
 Concen: 50.401 ng
 RT: 13.368 min Scan# 1917
 Delta R.T. -0.012 min
 Lab File: BF141621.D
 Acq: 13 Feb 2025 18:08

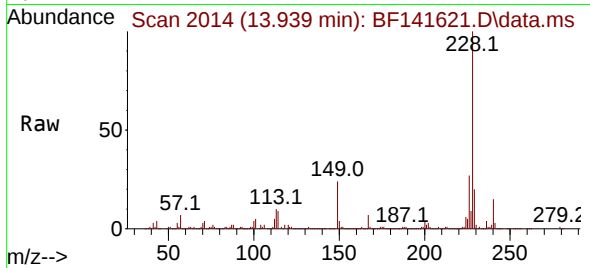
Tgt Ion:149 Resp: 319301
 Ion Ratio Lower Upper
 149 100
 91 71.7 57.8 86.8
 206 20.4 16.7 25.1





#81
Benzo(a)anthracene
Concen: 46.796 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



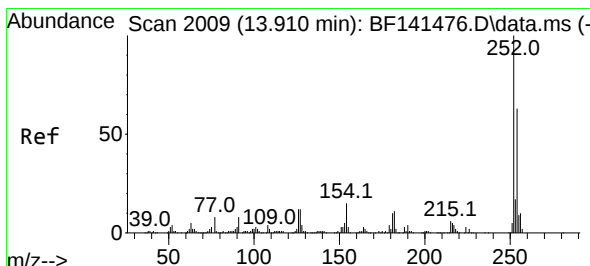
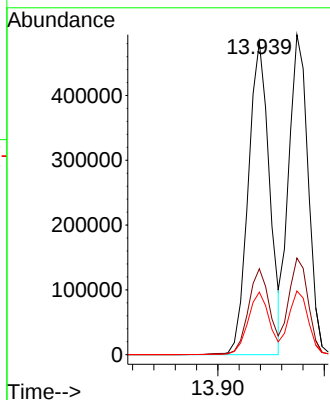
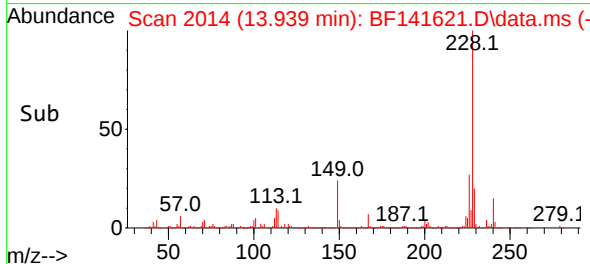
Tgt Ion:228 Resp: 66835
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.0 15.8 23.6

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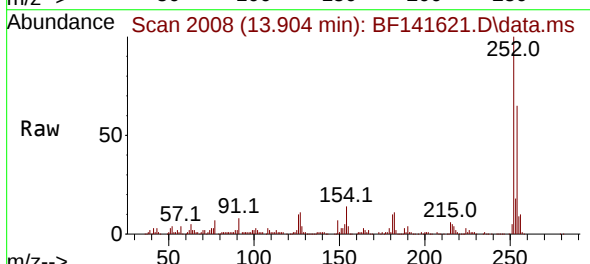
Reviewed By :Rahul
Chavli

02/14/2025
Supervised By :mohammad
ahmed

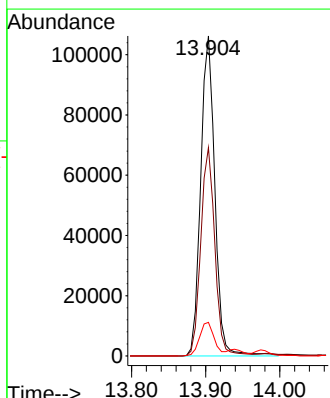
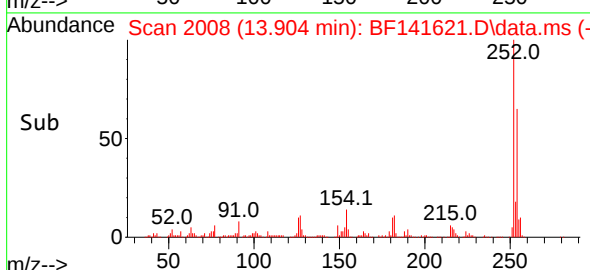
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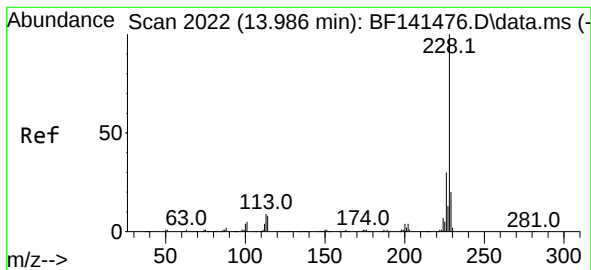


#82
3,3'-Dichlorobenzidine
Concen: 34.612 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08



Tgt Ion:252 Resp: 141607
Ion Ratio Lower Upper
252 100
254 65.1 50.6 76.0
126 10.5 9.3 13.9





#83

Chrysene

Concen: 47.282 ng

RT: 13.974 min Scan# 2012

Delta R.T. -0.018 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

346MS

Tgt Ion:228 Resp: 62354
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.0 36.0
 229 19.9 15.7 23.5

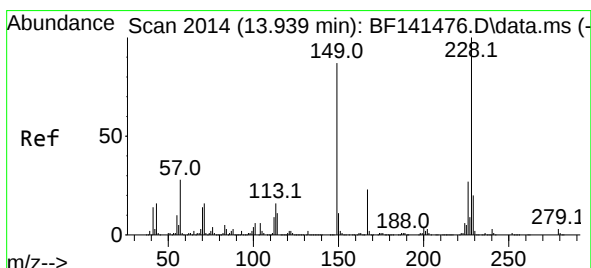
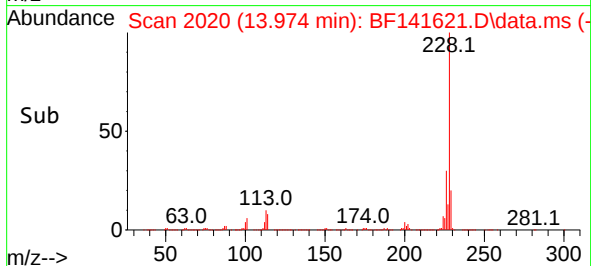
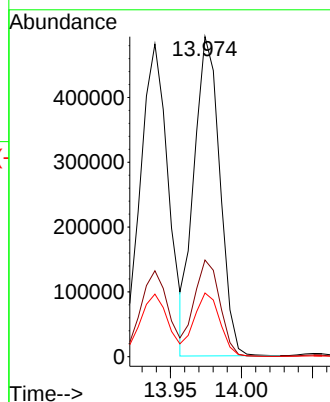
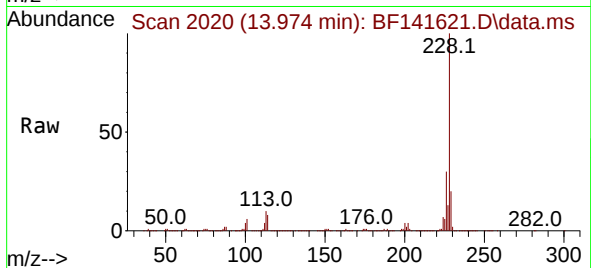
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 Chavli

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 ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 60.429 ng

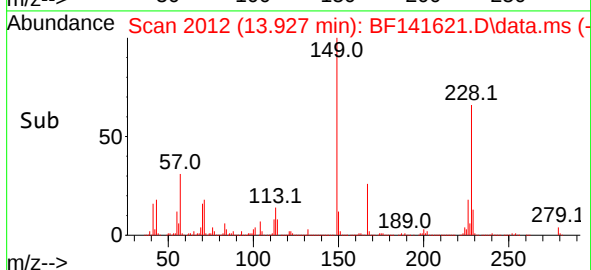
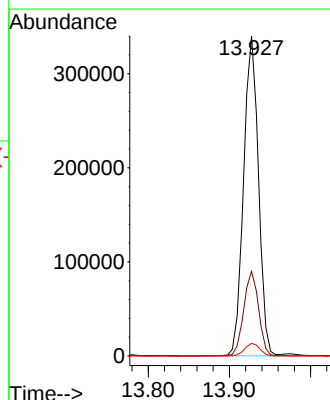
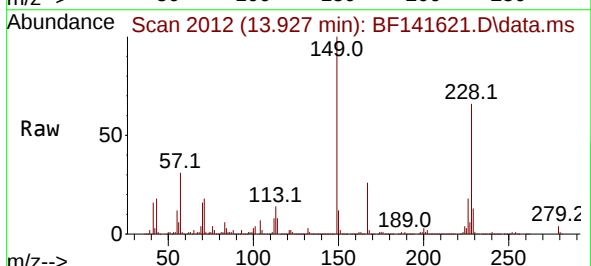
RT: 13.927 min Scan# 2012

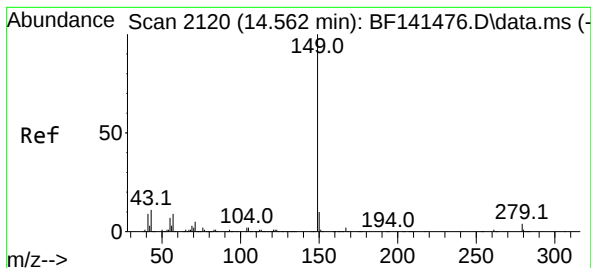
Delta R.T. -0.012 min

Lab File: BF141621.D

Acq: 13 Feb 2025 18:08

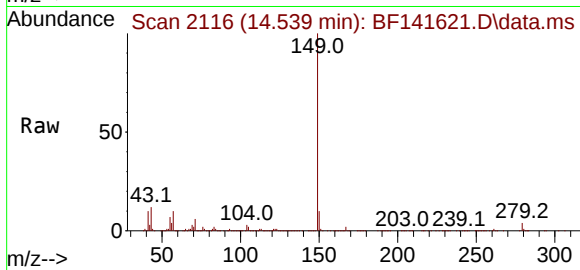
Tgt Ion:149 Resp: 431775
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.4 32.0
 279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 67.215 ng
RT: 14.539 min Scan# 2116
Delta R.T. -0.023 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



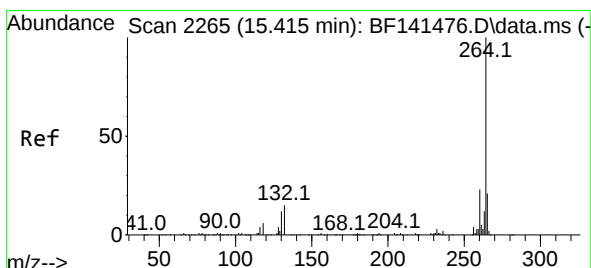
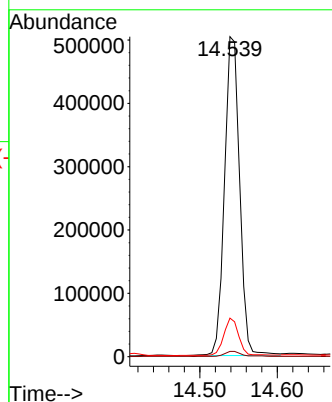
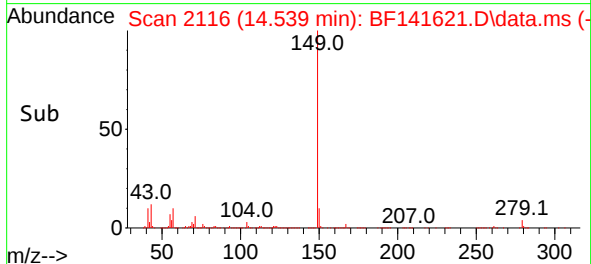
Tgt Ion:149 Resp: 685134
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 11.6 9.5 14.3

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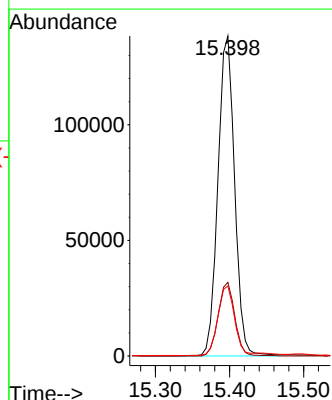
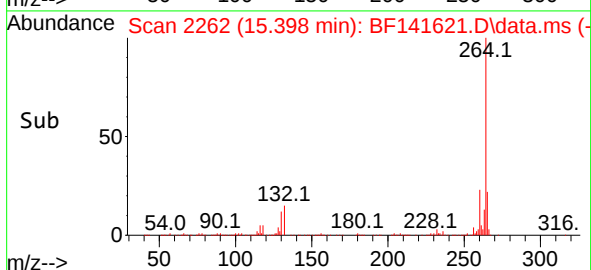
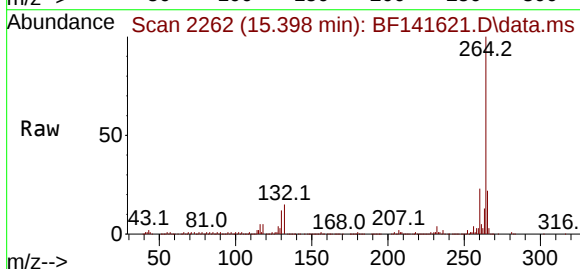
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Supervised By :mohammad
ahmed

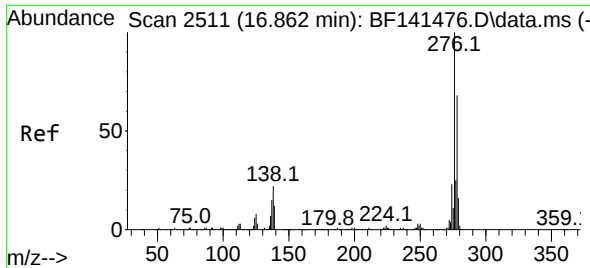
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.018 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

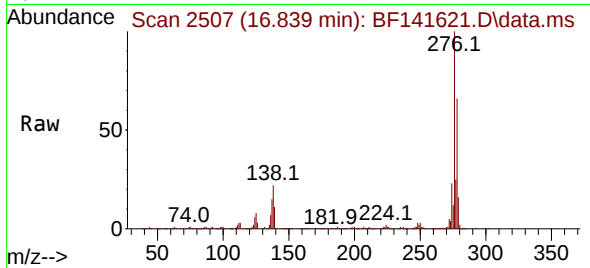
Tgt Ion:264 Resp: 216685
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.579 ng
RT: 16.839 min Scan# 211
Delta R.T. -0.035 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



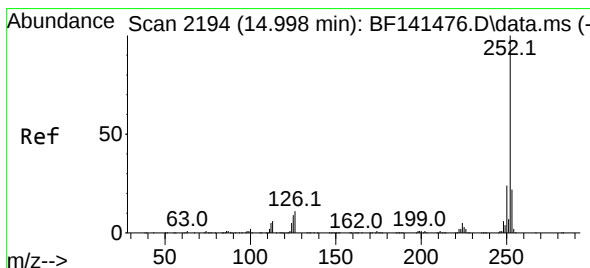
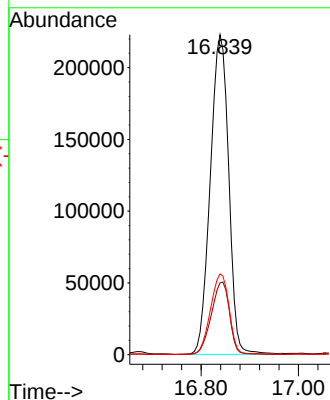
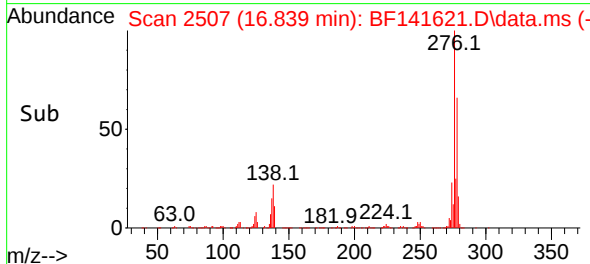
Tgt Ion:276 Resp: 58347
Ion Ratio Lower Upper
276 100
138 22.5 18.0 27.0
277 25.5 20.4 30.6

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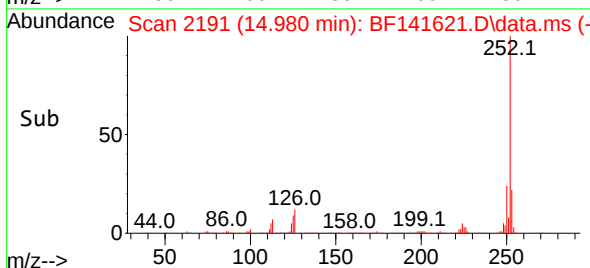
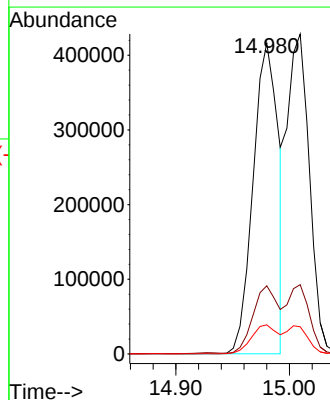
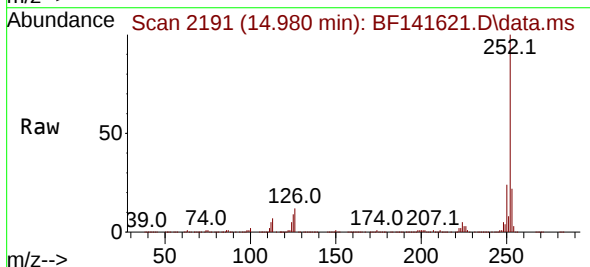
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Supervised By :mohammad
ahmed

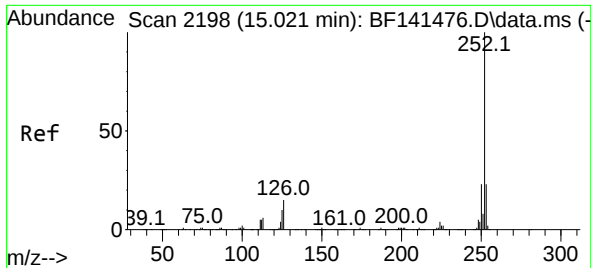
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#88
Benzo(b)fluoranthene
Concen: 43.989 ng
RT: 14.980 min Scan# 2191
Delta R.T. -0.023 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

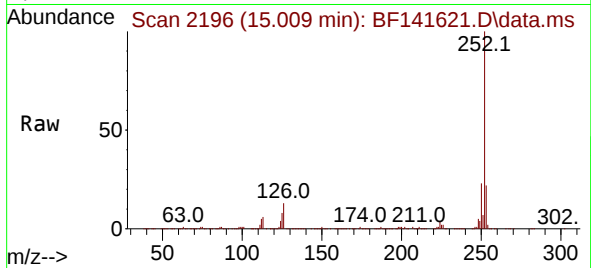
Tgt Ion:252 Resp: 640006
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.4 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 46.360 ng
RT: 15.009 min Scan# 2198
Delta R.T. -0.023 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



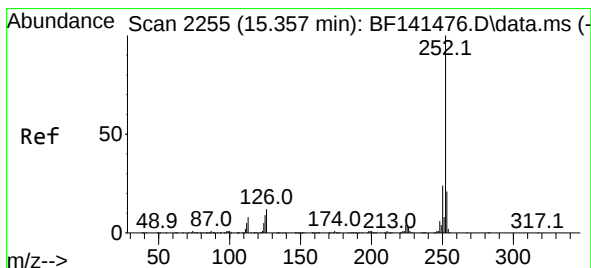
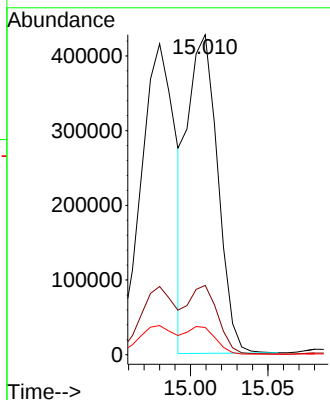
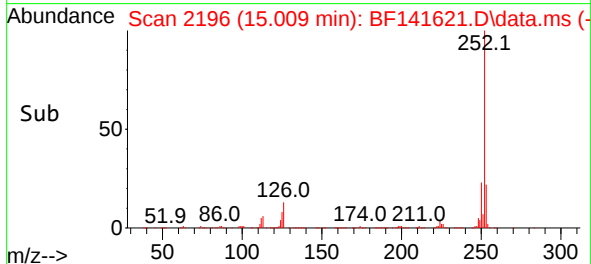
Tgt Ion:252 Resp: 57597
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 8.5 7.4 11.0

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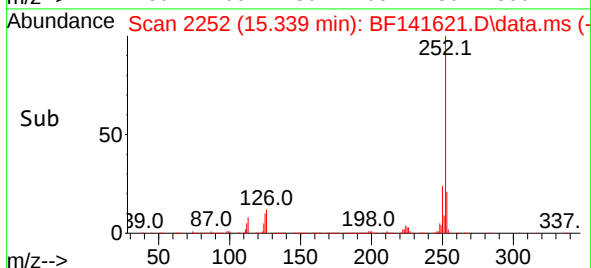
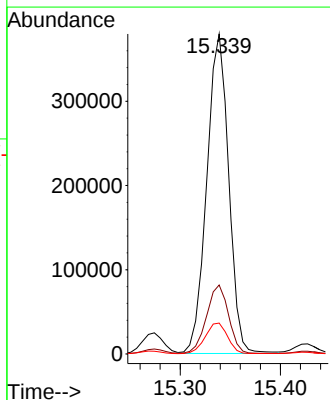
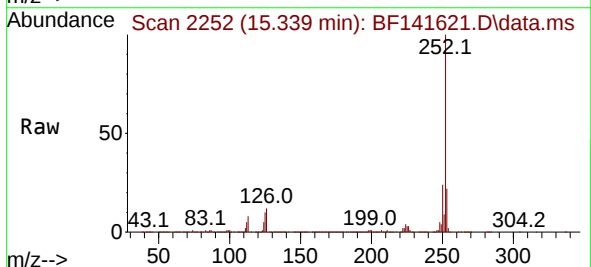
02/14/2025
Supervised By :mohammad
ahmed

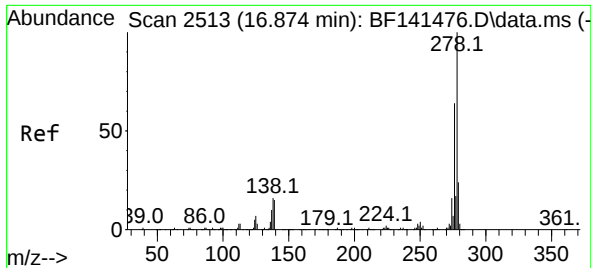
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#90
Benzo(a)pyrene
Concen: 49.075 ng
RT: 15.339 min Scan# 2252
Delta R.T. -0.023 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

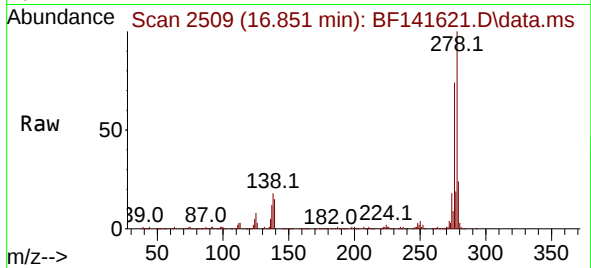
Tgt Ion:252 Resp: 577752
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 43.101 ng
RT: 16.851 min Scan# 2509
Delta R.T. -0.041 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
346MS



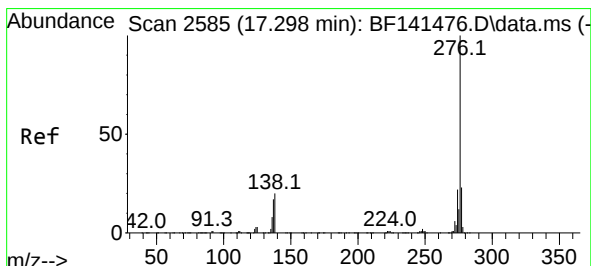
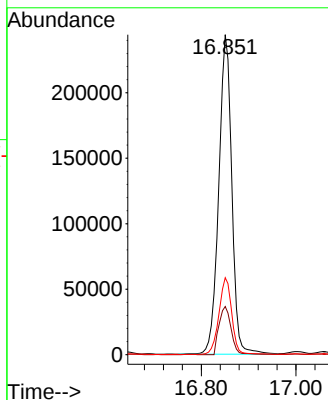
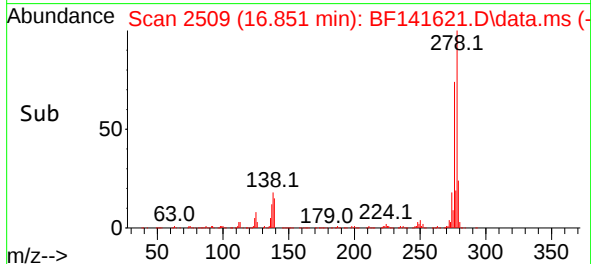
Tgt Ion:278 Resp: 467594
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.6
279 24.1 19.1 28.7

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Chavli

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#92
Benzo(g,h,i)perylene
Concen: 38.391 ng
RT: 17.268 min Scan# 2580
Delta R.T. -0.047 min
Lab File: BF141621.D
Acq: 13 Feb 2025 18:08

Tgt Ion:276 Resp: 435840
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 19.9 15.9 23.9

