

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141274.D
 Acq On : 27 Jan 2025 15:58
 Operator : RC/JU
 Sample : Q1169-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

01/28/2025
 Supervised By :mohammad
 ahmed

Quant Time: Jan 27 16:18:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142441	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	546443	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	278078	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	436550	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	327616	20.000	ng	0.00
86) Perylene-d12	15.439	264	386172	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1146716	124.364	ng	0.00
7) Phenol-d6	6.445	99	1384805	118.563	ng	0.00
23) Nitrobenzene-d5	7.369	82	946308	91.798	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	469302	148.114	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1790366	98.317	ng	-0.02
79) Terphenyl-d14	12.921	244	1767555	80.189	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.687	88	145650m	35.472	ng	
3) Pyridine	3.410	79	393615	39.091	ng	96
4) n-Nitrosodimethylamine	3.328	42	199077	40.435	ng	96
6) Aniline	6.469	93	166225	16.030	ng	# 13
8) 2-Chlorophenol	6.592	128	477802	48.299	ng	96
9) Benzaldehyde	6.357	77	38557	5.605	ng	96
10) Phenol	6.457	94	525726	42.048	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	431114	46.268	ng	97
12) 1,3-Dichlorobenzene	6.745	146	400649	36.312	ng	98
13) 1,4-Dichlorobenzene	6.822	146	413992	37.235	ng	99
14) 1,2-Dichlorobenzene	6.975	146	402903	38.848	ng	98
15) Benzyl Alcohol	6.951	79	414788	49.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	552431	42.487	ng	90
17) 2-Methylphenol	7.063	107	387869	48.564	ng	99
18) Hexachloroethane	7.316	117	149572	37.200	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	319732	46.471	ng	95
20) 3+4-Methylphenols	7.216	107	472921	46.935	ng	# 80
22) Acetophenone	7.216	105	613076	47.195	ng	97
24) Nitrobenzene	7.386	77	477509	44.445	ng	99
25) Isophorone	7.628	82	878506	49.867	ng	98
26) 2-Nitrophenol	7.704	139	251205	51.401	ng	99
27) 2,4-Dimethylphenol	7.739	122	384370	58.308	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	541249	48.955	ng	100
29) 2,4-Dichlorophenol	7.945	162	399914	51.080	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	395702	44.217	ng	100
31) Naphthalene	8.110	128	1323520	45.928	ng	100
32) Benzoic acid	7.857	122	279524m	44.203	ng	
33) 4-Chloroaniline	8.157	127	81542	8.182	ng	99
34) Hexachlorobutadiene	8.228	225	231282	42.891	ng	99
35) Caprolactam	8.522	113	102559	40.012	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	424852	49.618	ng	99
37) 2-Methylnaphthalene	8.798	142	900042	49.013	ng	100
38) 1-Methylnaphthalene	8.898	142	846188	46.757	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	417758	52.342	ng	98
41) Hexachlorocyclopentadiene	8.951	237	472502	180.949	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	290208	53.912	ng	99

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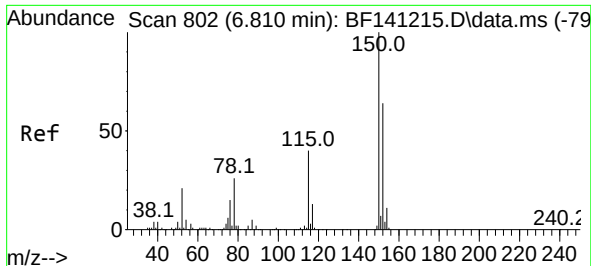
Reviewed By :Jagrut
 Upadhyay

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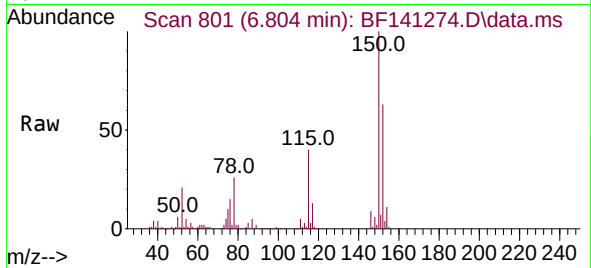
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	297720	52.369	ng	98
46) 1,1'-Biphenyl	9.263	154	1126147	52.147	ng	100
47) 2-Chloronaphthalene	9.292	162	840350	49.961	ng	99
48) 2-Nitroaniline	9.386	65	247293	49.597	ng	97
49) Acenaphthylene	9.704	152	1309476	54.491	ng	100
50) Dimethylphthalate	9.569	163	1008135	54.002	ng	99
51) 2,6-Dinitrotoluene	9.628	165	222261	51.197	ng	99
52) Acenaphthene	9.880	154	959706	57.162	ng	100
53) 3-Nitroaniline	9.792	138	69737	15.808	ng	99
54) 2,4-Dinitrophenol	9.904	184	220732	106.970	ng	95
55) Dibenzofuran	10.051	168	1172480	51.342	ng	100
56) 4-Nitrophenol	9.963	139	343016	99.279	ng	99
57) 2,4-Dinitrotoluene	10.033	165	294515	52.641	ng	98
58) Fluorene	10.392	166	901308	50.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	253105	53.562	ng	98
60) Diethylphthalate	10.269	149	940372	51.597	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	446268	51.608	ng	99
62) 4-Nitroaniline	10.410	138	197300	45.693	ng	99
63) Azobenzene	10.545	77	904504	50.297	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	155910	61.632	ng	97
66) n-Nitrosodiphenylamine	10.504	169	791712	56.227	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	291359	57.970	ng	100
68) Hexachlorobenzene	10.939	284	318402	56.910	ng	99
69) Atrazine	11.033	200	258588	68.205	ng	97
70) Pentachlorophenol	11.139	266	374470	104.514	ng	99
71) Phenanthrene	11.357	178	1300288	55.480	ng	99
72) Anthracene	11.410	178	1317295	57.804	ng	100
73) Carbazole	11.563	167	1133602	54.250	ng	99
74) Di-n-butylphthalate	11.898	149	1341877	56.113	ng	99
75) Fluoranthene	12.545	202	1288214	55.080	ng	99
77) Benzidine	12.669	184	106522	17.533	ng	# 90
78) Pyrene	12.774	202	1314460	42.007	ng	100
80) Butylbenzylphthalate	13.398	149	536294	51.405	ng	96
81) Benzo(a)anthracene	13.968	228	1174724	52.687	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	131998	18.593	ng	100
83) Chrysene	14.004	228	1071145	51.343	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	696119	55.610	ng	100
85) Di-n-octyl phthalate	14.586	149	1249411	66.096	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	1519450	53.706	ng	98
88) Benzo(b)fluoranthene	15.021	252	1371280	55.068	ng	100
89) Benzo(k)fluoranthene	15.051	252	1061523	50.443	ng	100
90) Benzo(a)pyrene	15.386	252	1183160	57.588	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1228875	53.703	ng	98
92) Benzo(g,h,i)perylene	17.339	276	1163595	48.887	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



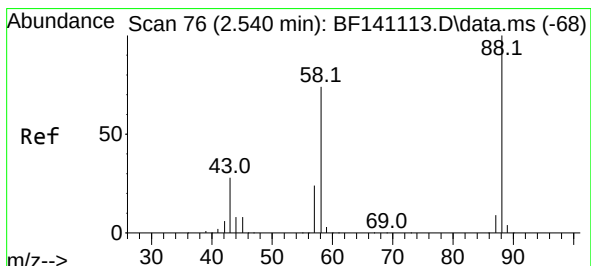
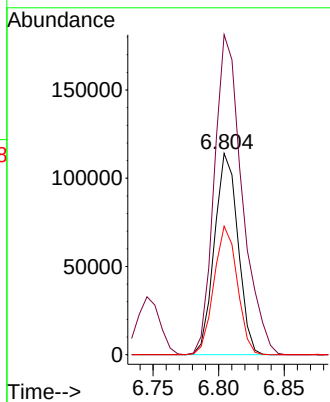
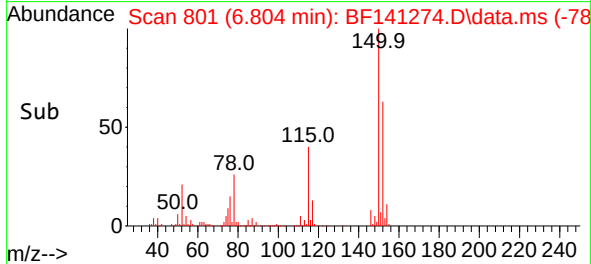
Tgt Ion:152 Resp: 14244
Ion Ratio Lower Upper
152 100
150 159.0 125.8 188.8
115 63.8 51.4 77.2

Manual Integrations
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Upadhyay

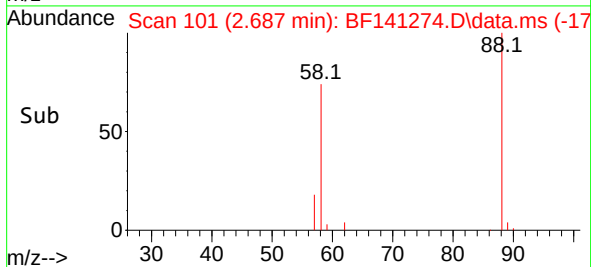
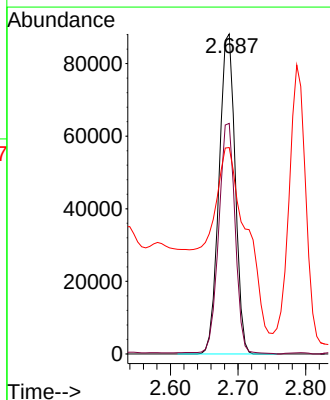
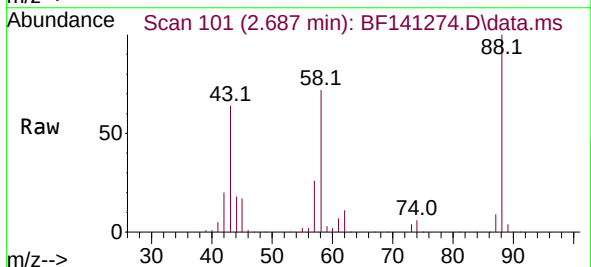
01/28/2025
Supervised By :mohammad
ahmed

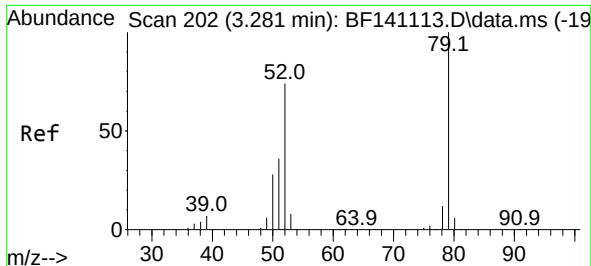
01/31/2025



#2
1,4-Dioxane
Concen: 35.472 ng m
RT: 2.687 min Scan# 101
Delta R.T. 0.147 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

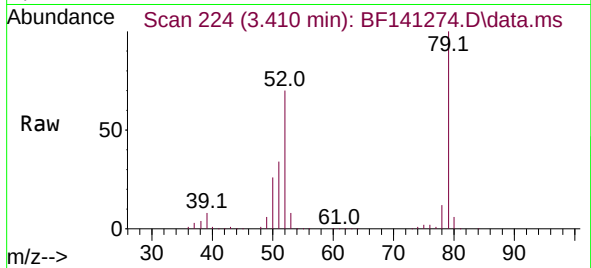
Tgt Ion: 88 Resp: 145650
Ion Ratio Lower Upper
88 100
58 7.9 60.1 90.1#
43 393.9 23.1 34.7#





#3
Pyridine
Concen: 39.091 ng
RT: 3.410 min Scan# 210
Delta R.T. 0.129 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
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ARS20-0006MS



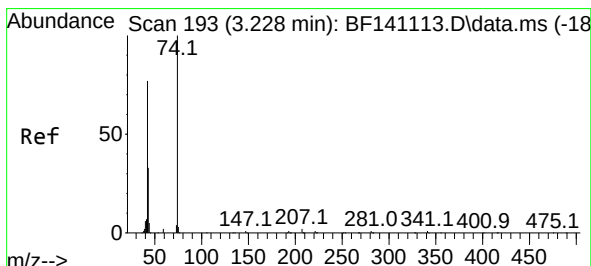
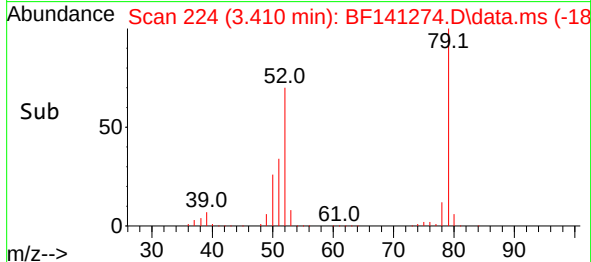
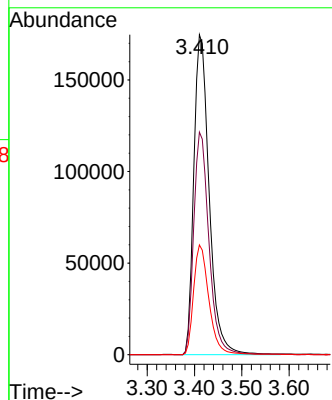
Tgt Ion: 79 Resp: 393615
Ion Ratio Lower Upper
79 100
52 69.5 58.9 88.3
51 34.3 29.1 43.7

Manual Integrations
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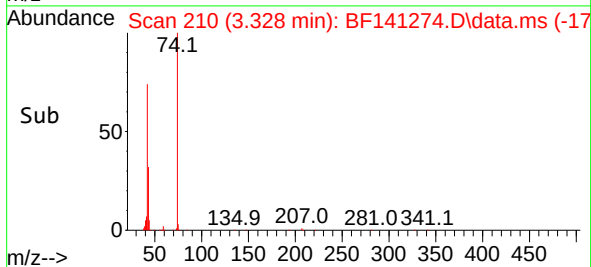
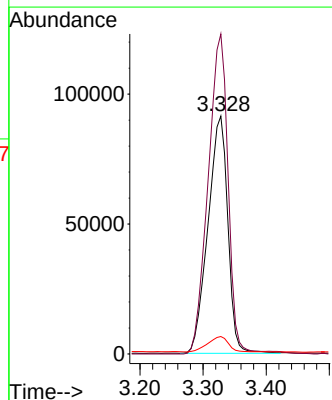
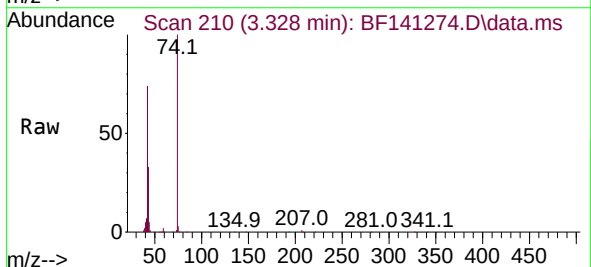
01/28/2025
Supervised By :mohammad
ahmed

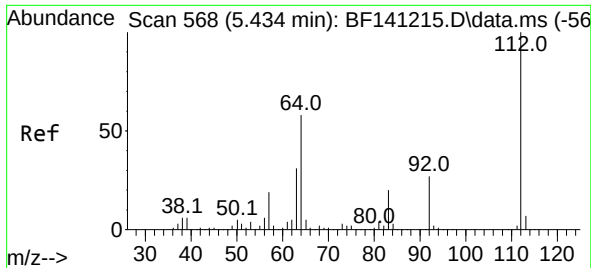
01/31/2025



#4
n-Nitrosodimethylamine
Concen: 40.435 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

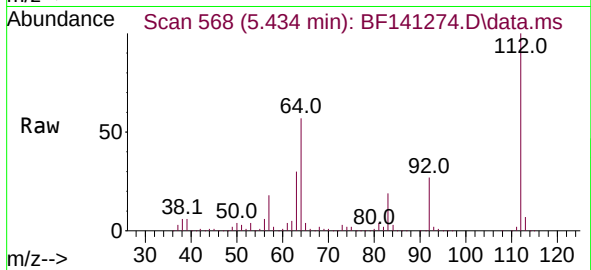
Tgt Ion: 42 Resp: 199077
Ion Ratio Lower Upper
42 100
74 134.5 103.8 155.6
44 7.3 5.3 7.9





#5
2-Fluorophenol
Concen: 124.364 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



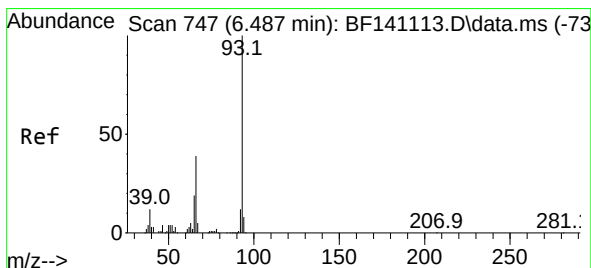
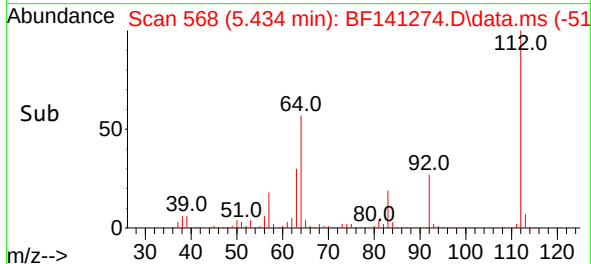
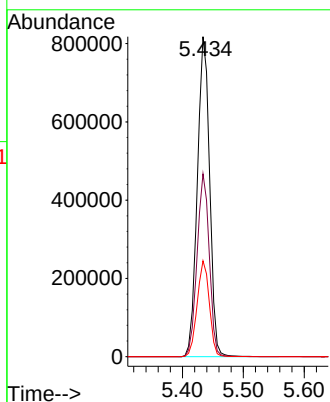
Tgt Ion:112 Resp: 1146710
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 30.0 24.2 36.2

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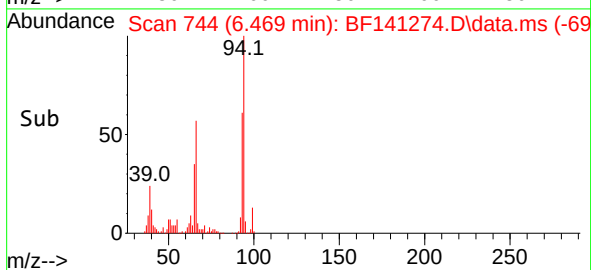
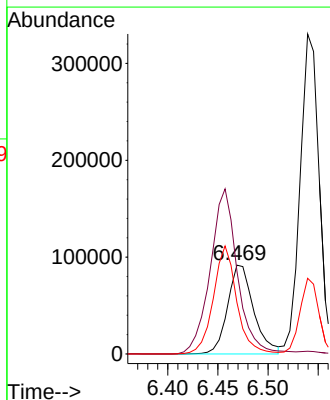
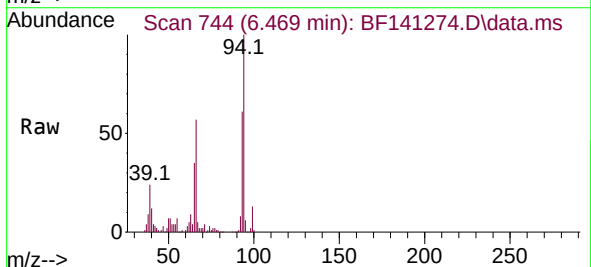
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ahmed

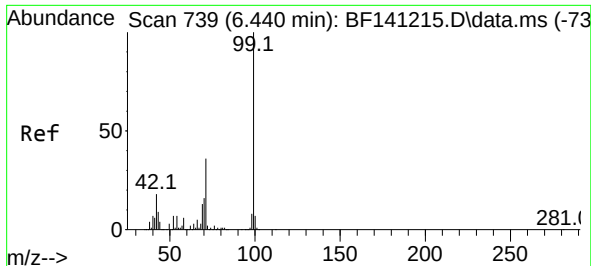
01/31/2025



#6
Aniline
Concen: 16.030 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

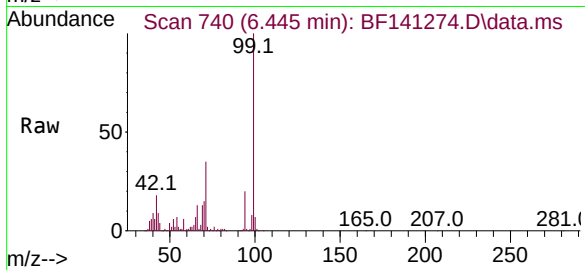
Tgt Ion: 93 Resp: 166225
Ion Ratio Lower Upper
93 100
66 93.3 31.5 47.3#
65 58.1 15.3 22.9#





#7
Phenol-d6
Concen: 118.563 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



Tgt Ion: 99 Resp: 138480

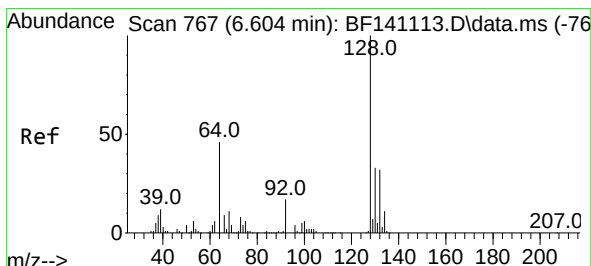
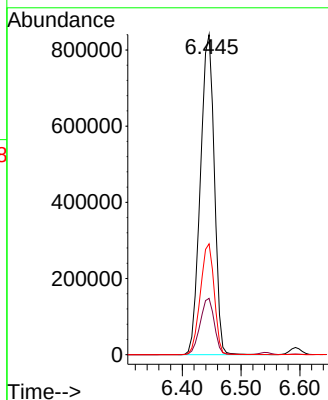
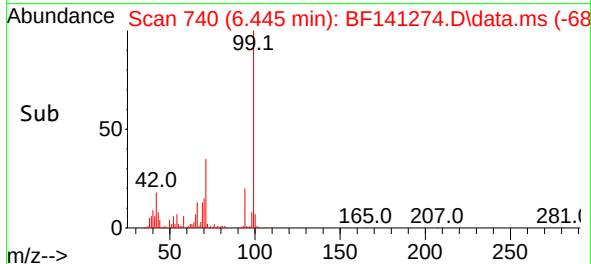
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	34.6	27.6	41.4

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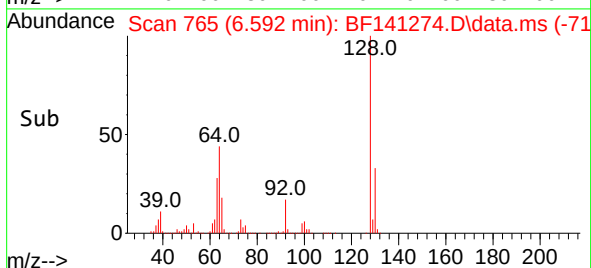
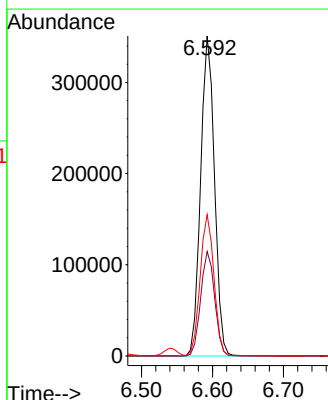
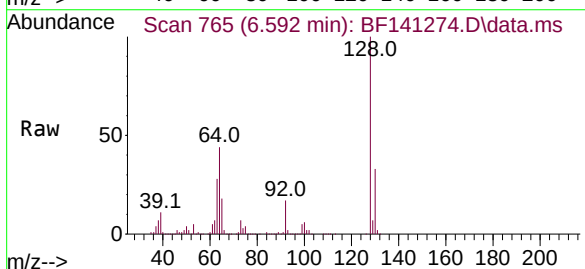
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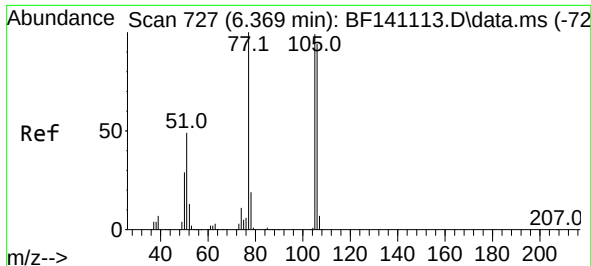


#8
2-Chlorophenol
Concen: 48.299 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:128 Resp: 477802

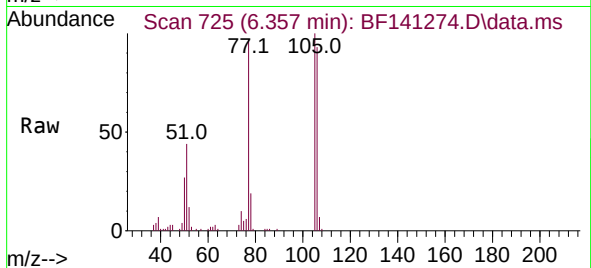
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	44.2	28.3	68.3





#9
Benzaldehyde
Concen: 5.605 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



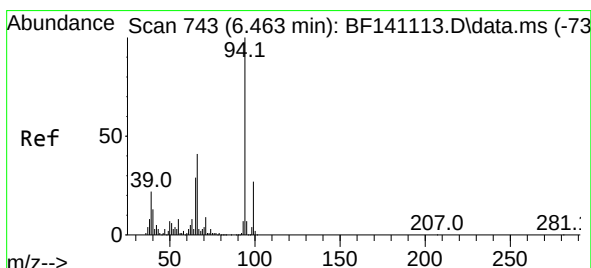
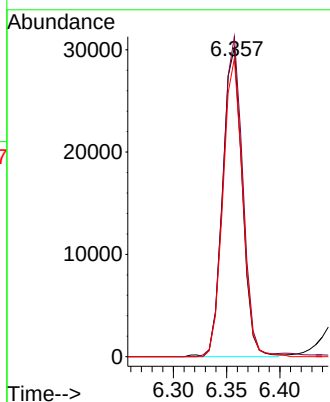
Tgt Ion: 77 Resp: 3855
Ion Ratio Lower Upper
77 100
105 103.5 78.9 118.9
106 96.5 73.6 113.6

Manual Integrations
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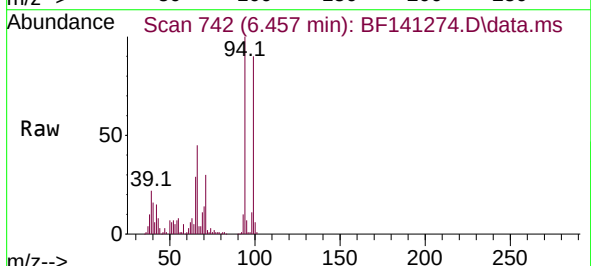
Reviewed By :Jagrut
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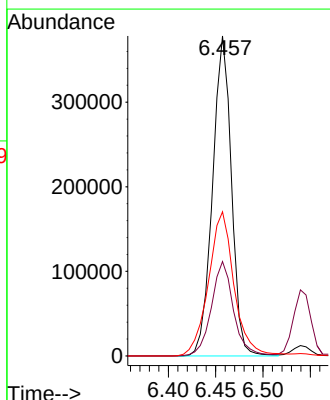
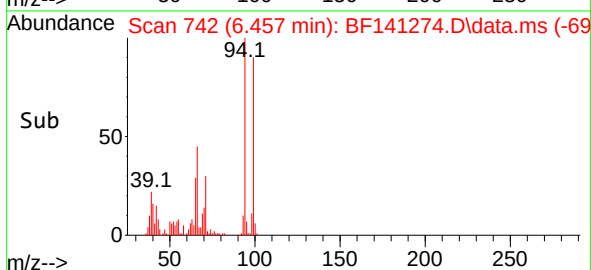
01/31/2025

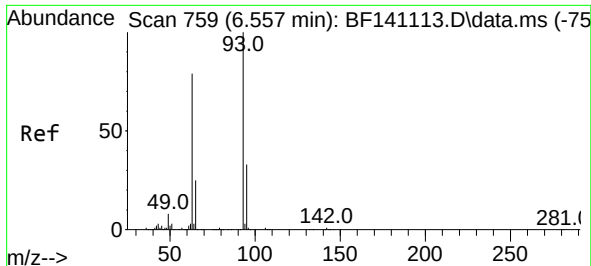


#10
Phenol
Concen: 42.048 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58



Tgt Ion: 94 Resp: 525726
Ion Ratio Lower Upper
94 100
65 29.5 8.9 48.9
66 45.1 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 46.268 ng

RT: 6.540 min Scan# 756

Delta R.T. -0.018 min

Lab File: BF141274.D

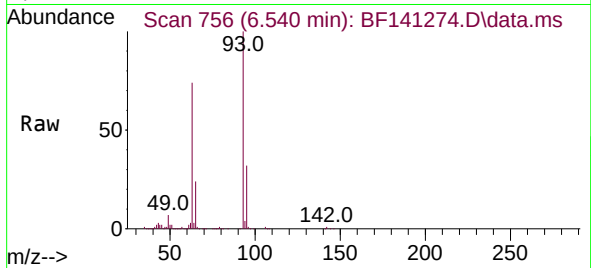
Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS



Tgt Ion: 93 Resp: 431114

Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.0	98.0
95	32.3	12.5	52.5

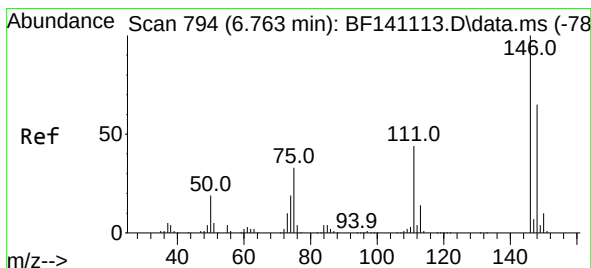
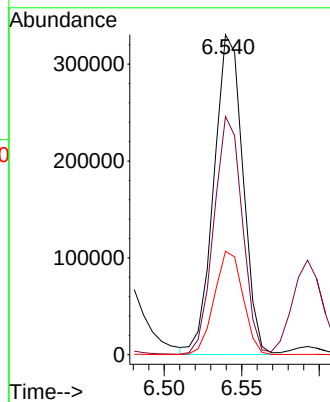
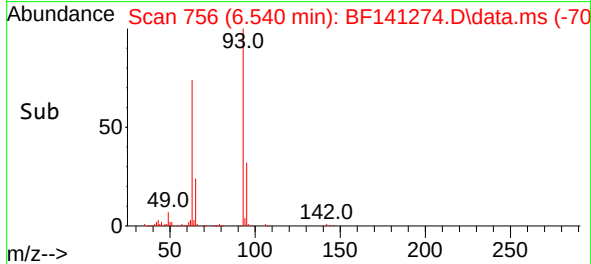
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Reviewed By :Jagrut
Upadhyay

01/28/2025

Supervised By :mohammad
ahmed

01/31/2025



#12

1,3-Dichlorobenzene

Concen: 36.312 ng

RT: 6.745 min Scan# 791

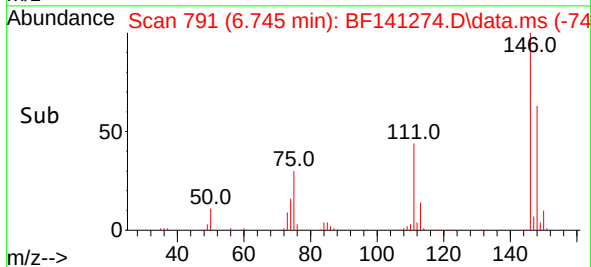
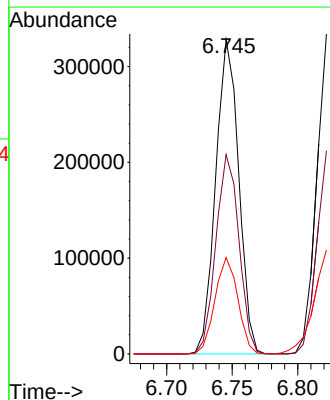
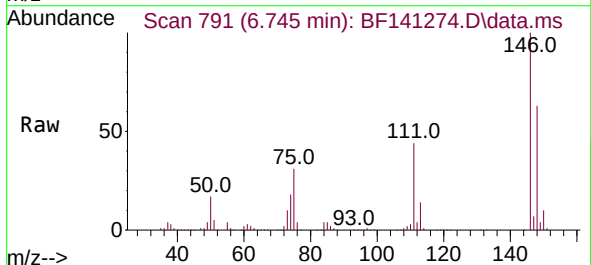
Delta R.T. -0.018 min

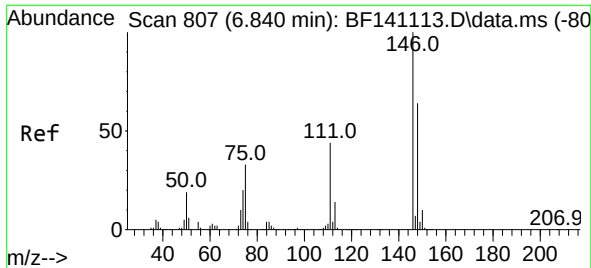
Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Tgt Ion:146 Resp: 400649

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
75	30.6	26.2	39.2





#13
1,4-Dichlorobenzene
Concen: 37.235 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

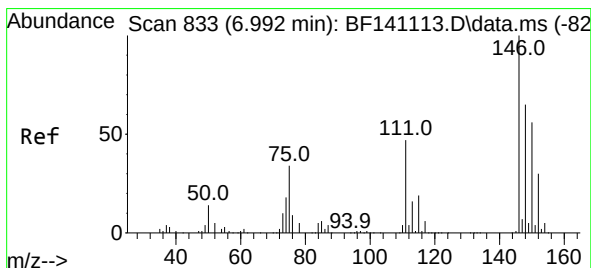
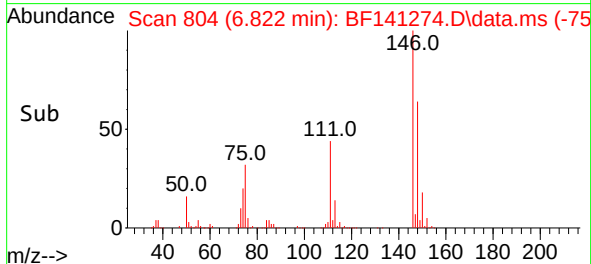
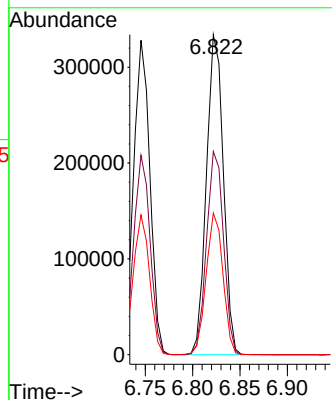
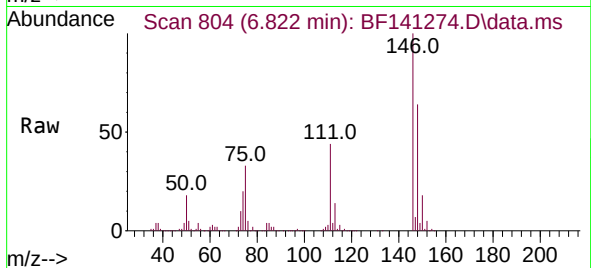
Tgt Ion:146 Resp: 413992
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 44.2 34.9 52.3

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Upadhyay

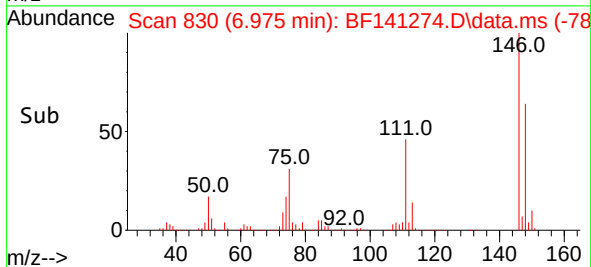
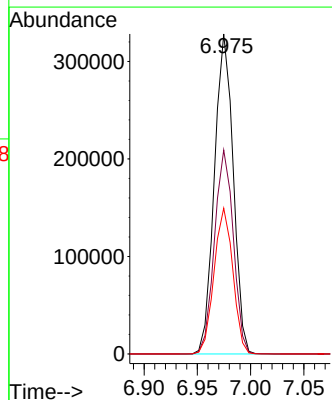
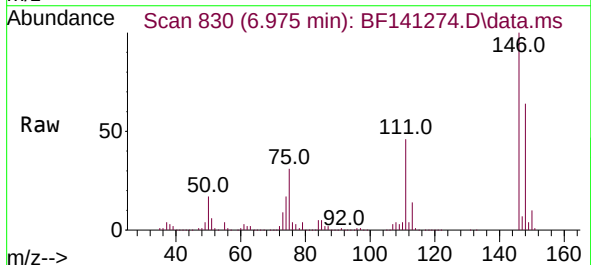
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Supervised By :mohammad
ahmed

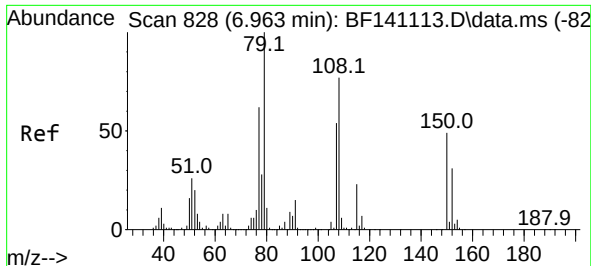
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#14
1,2-Dichlorobenzene
Concen: 38.848 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

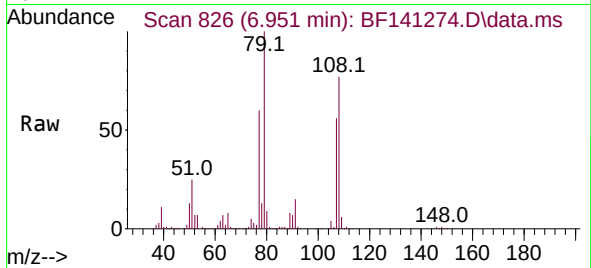
Tgt Ion:146 Resp: 402903
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 45.6 37.5 56.3





#15
Benzyl Alcohol
Concen: 49.175 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



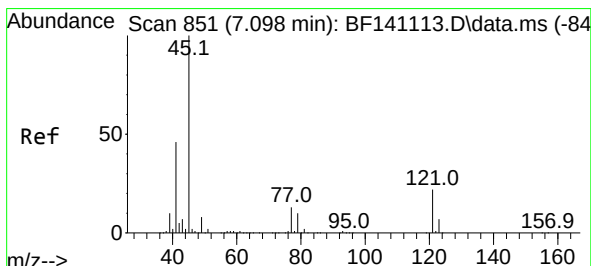
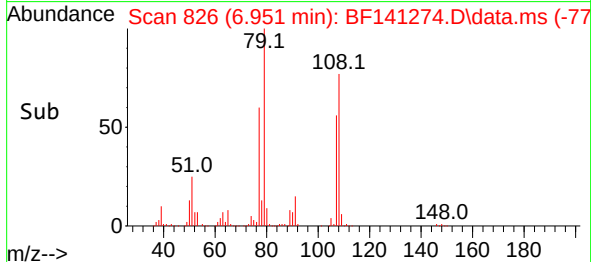
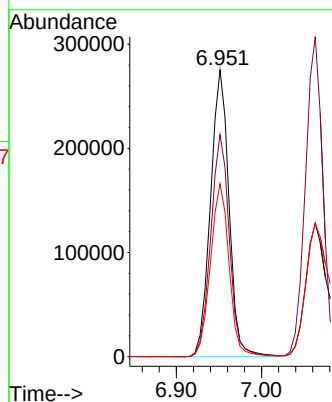
Tgt Ion: 79 Resp: 414788
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 60.4 49.8 74.6

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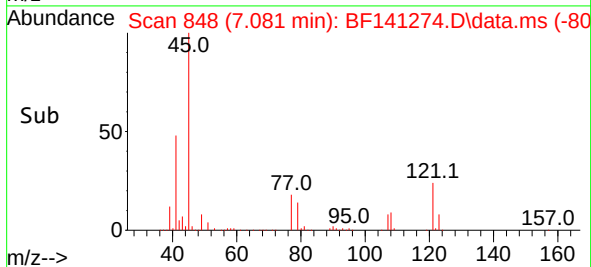
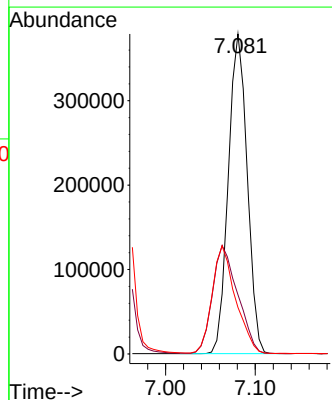
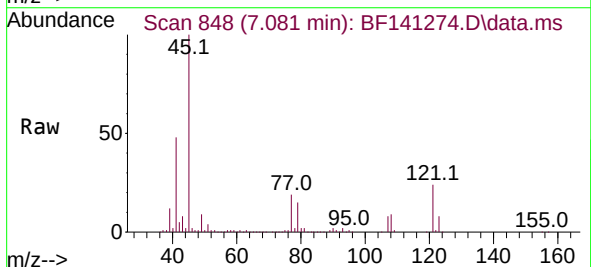
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Supervised By :mohammad
ahmed

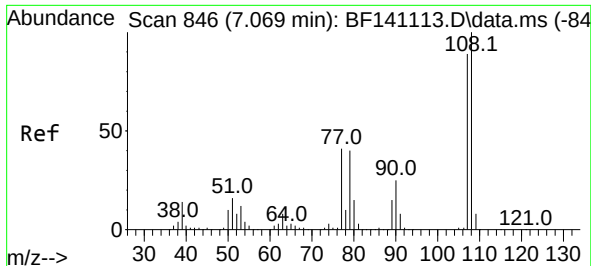
01/31/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.487 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

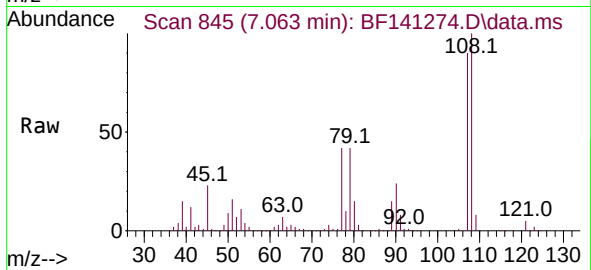
Tgt Ion: 45 Resp: 552431
Ion Ratio Lower Upper
45 100
77 18.5 0.0 34.1
79 14.5 0.0 31.0





#17
2-Methylphenol
Concen: 48.564 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



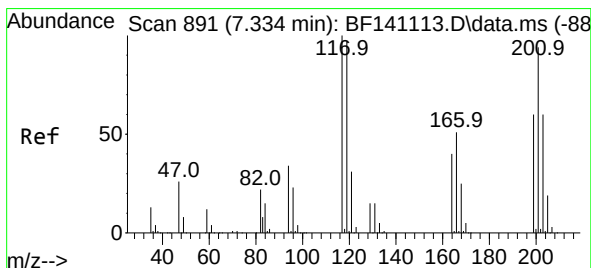
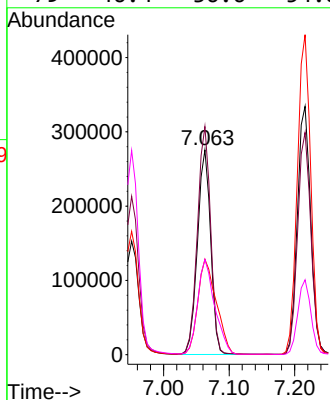
Tgt Ion:107 Resp: 387869
Ion Ratio Lower Upper
107 100
108 111.3 90.1 135.1
77 46.6 36.6 55.0
79 46.4 36.6 54.8

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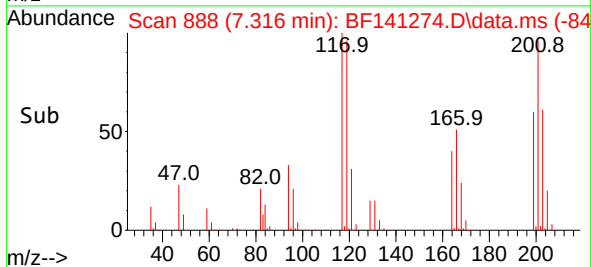
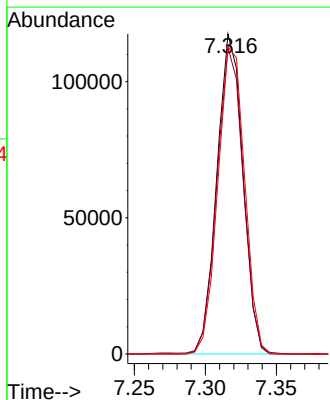
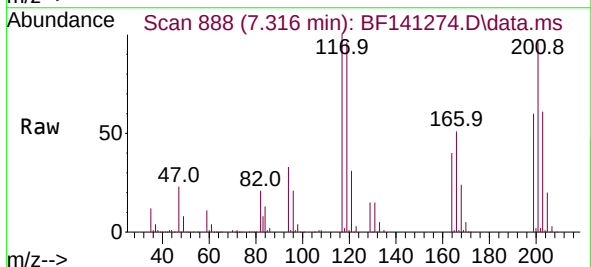
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Supervised By :mohammad
ahmed

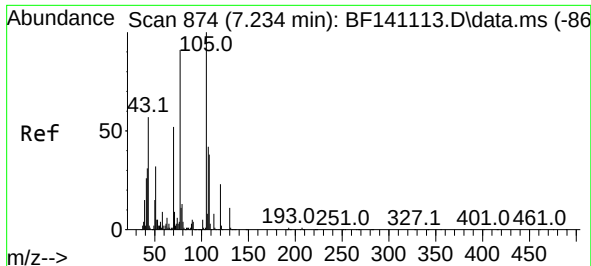
01/31/2025



#18
Hexachloroethane
Concen: 37.200 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

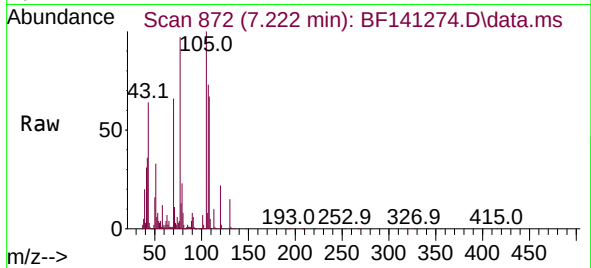
Tgt Ion:117 Resp: 149572
Ion Ratio Lower Upper
117 100
119 95.8 77.6 116.4
201 96.0 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 46.471 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



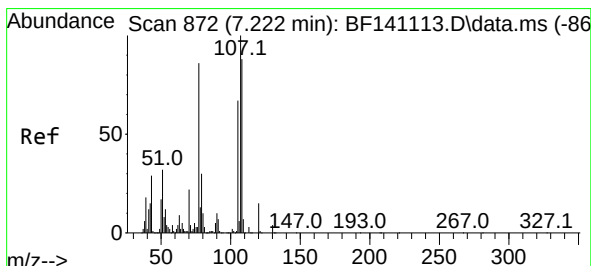
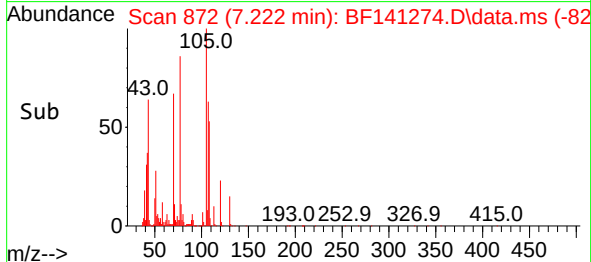
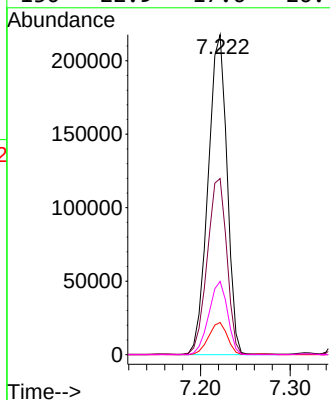
Tgt Ion: 70 Resp: 31973
Ion Ratio Lower Upper
70 100
42 55.0 47.8 71.6
101 10.0 7.9 11.9
130 22.9 17.6 26.4

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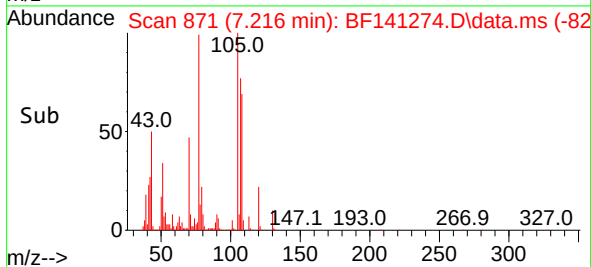
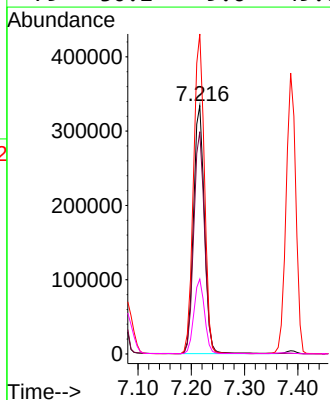
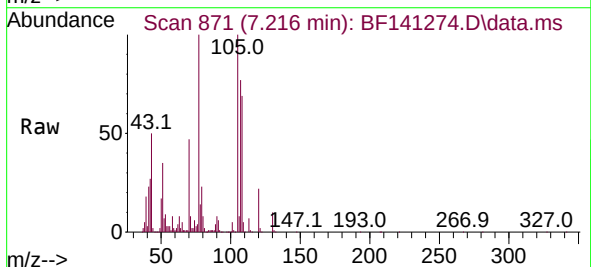
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Supervised By :mohammad
ahmed

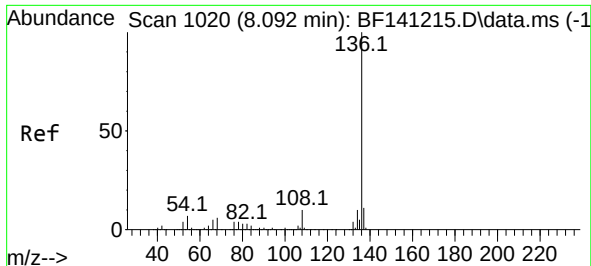
01/31/2025



#20
3+4-Methylphenols
Concen: 46.935 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

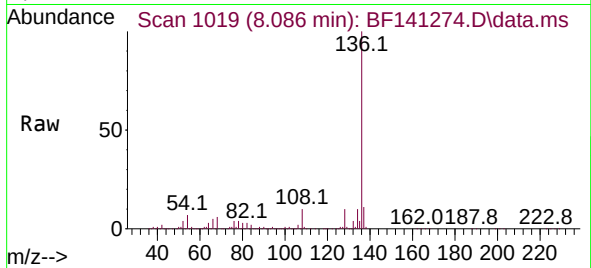
Tgt Ion:107 Resp: 472921
Ion Ratio Lower Upper
107 100
108 89.5 68.3 108.3
77 128.9 66.4 106.4#
79 30.2 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



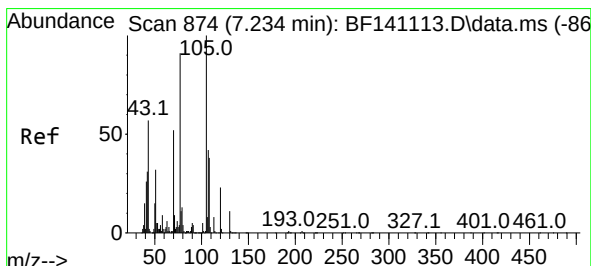
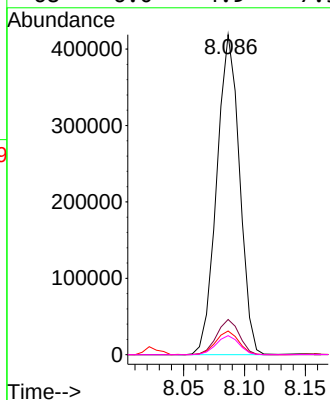
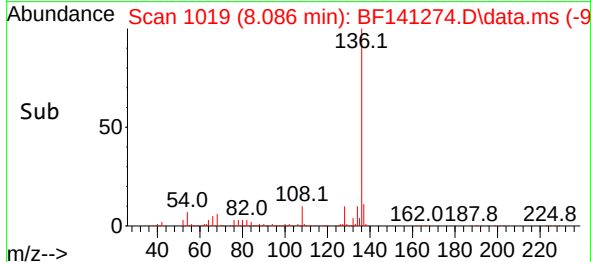
Tgt Ion:	136	Resp:	54644
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.4	6.3	9.5
68	6.0	4.9	7.3

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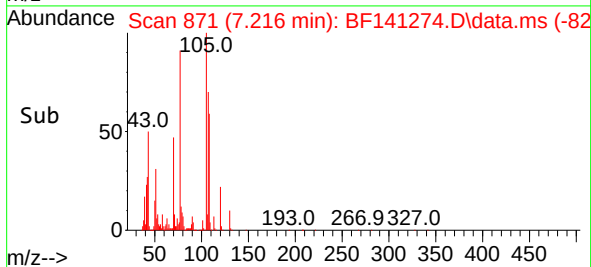
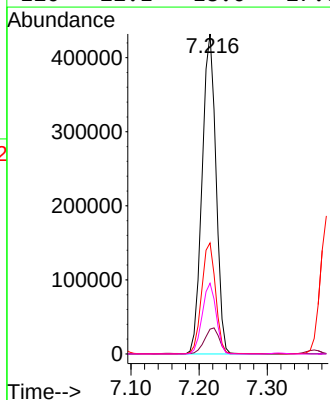
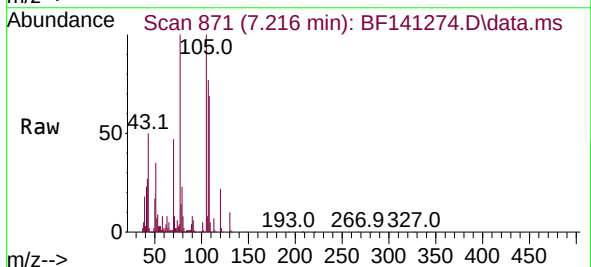
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Supervised By :mohammad
ahmed

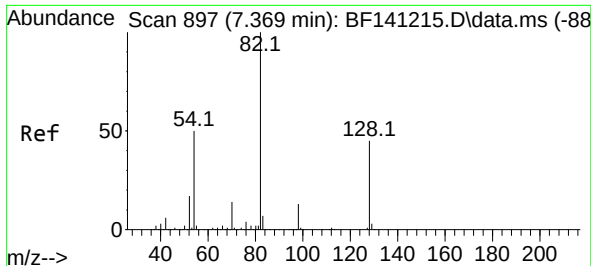
01/31/2025



#22
Acetophenone
Concen: 47.195 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:	105	Resp:	613076
Ion Ratio	Lower	Upper	
105	100		
71	7.8	7.1	10.7
51	34.7	25.4	38.2
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 91.798 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141274.D

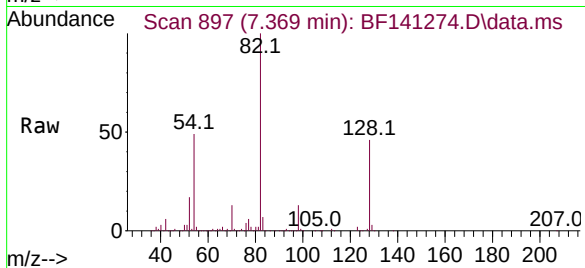
Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS



Tgt Ion:	82	Resp:	946308
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	48.9	41.0	61.4

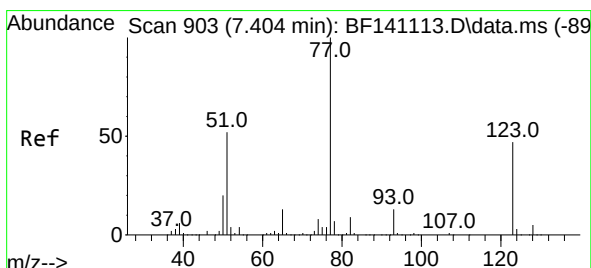
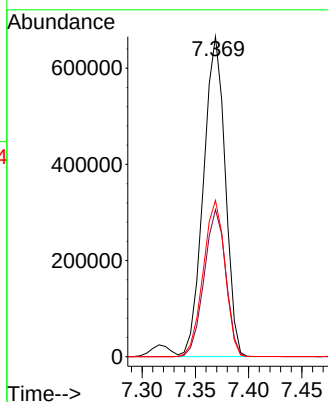
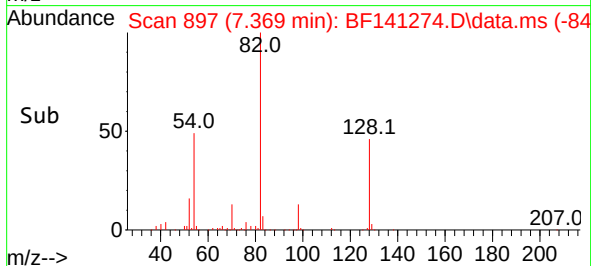
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Upadhyay

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Supervised By :mohammad
ahmed

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#24

Nitrobenzene

Concen: 44.445 ng

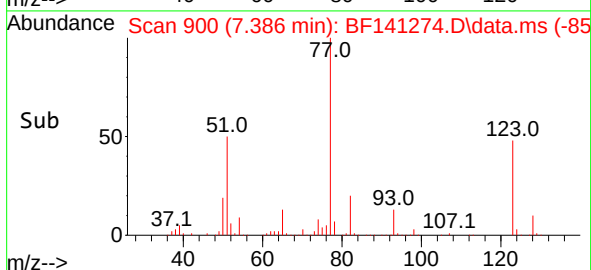
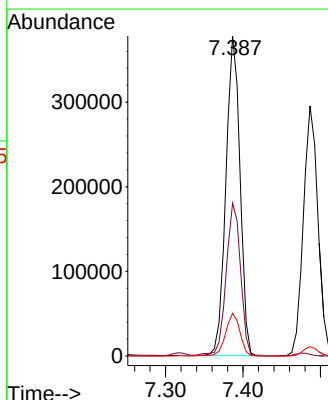
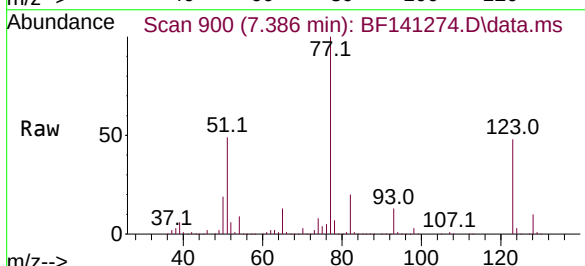
RT: 7.386 min Scan# 900

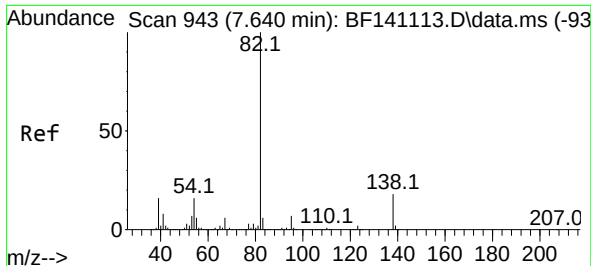
Delta R.T. -0.018 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

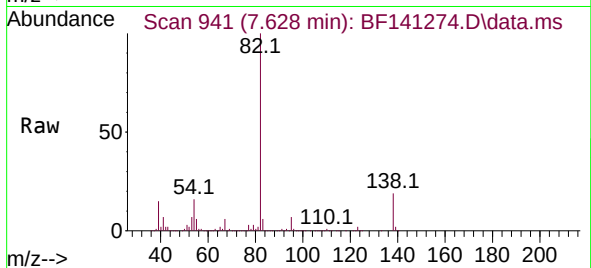
Tgt Ion:	77	Resp:	477509
Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.7	56.5
65	13.3	10.6	16.0





#25
Isophorone
Concen: 49.867 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



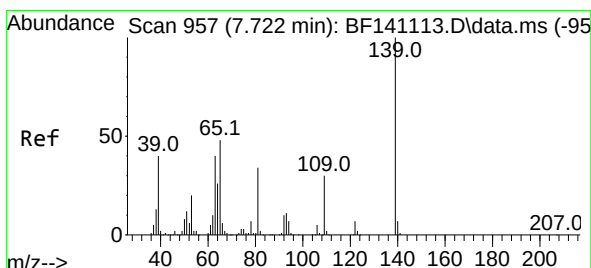
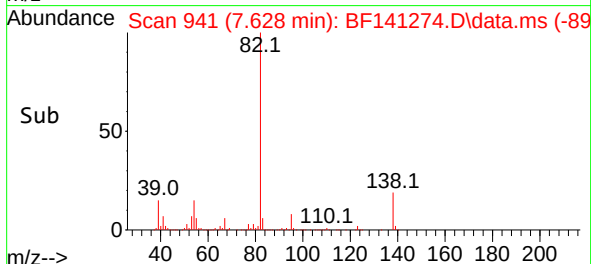
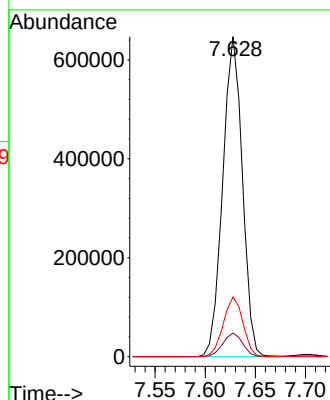
Tgt Ion: 82 Resp: 878500
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.6 14.2 21.2

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Upadhyay

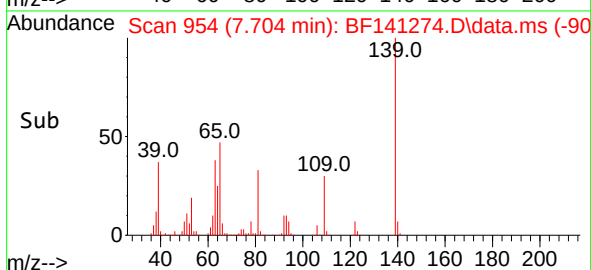
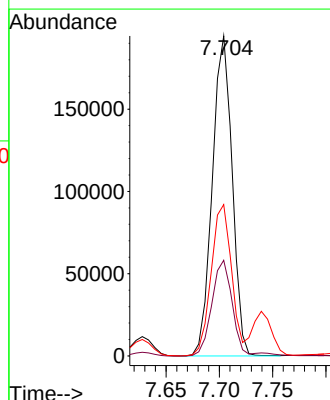
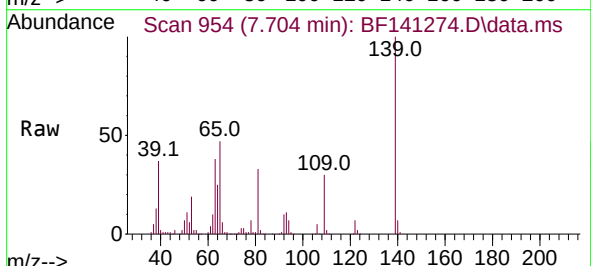
01/28/2025
Supervised By :mohammad
ahmed

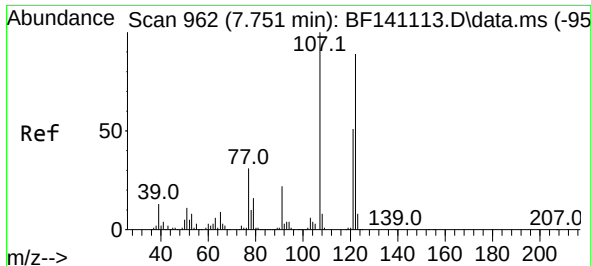
01/31/2025



#26
2-Nitrophenol
Concen: 51.401 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:139 Resp: 251205
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 47.3 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 58.308 ng

RT: 7.739 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141274.D

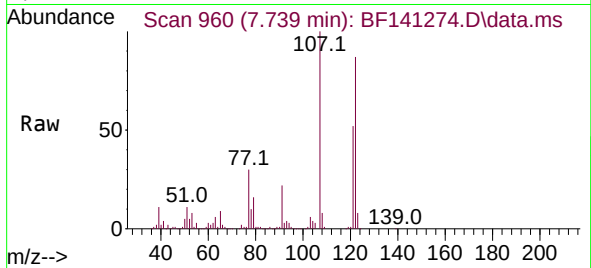
Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS



Tgt Ion:	122	Resp:	384370
Ion	Ratio	Lower	Upper
122	100		
107	114.4	90.3	135.5
121	59.5	46.5	69.7

Manual Integrations

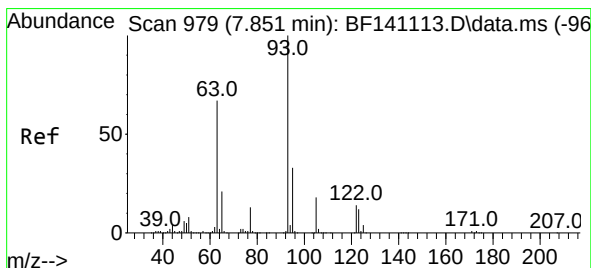
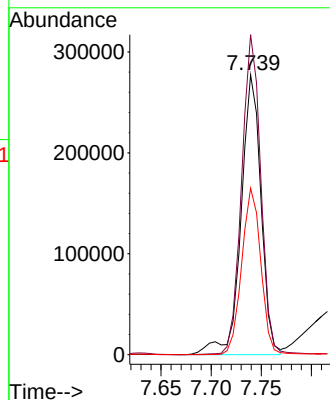
APPROVED

Reviewed By :Jagrut
Upadhyay

01/28/2025

Supervised By :mohammad
ahmed

01/31/2025



#28

bis(2-Chloroethoxy)methane

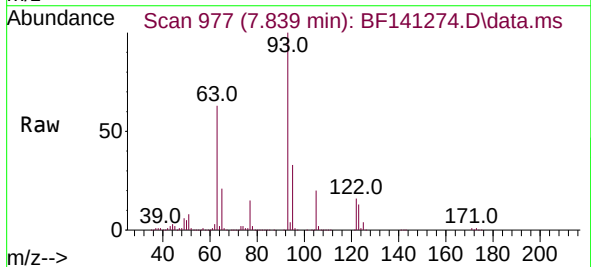
Concen: 48.955 ng

RT: 7.839 min Scan# 977

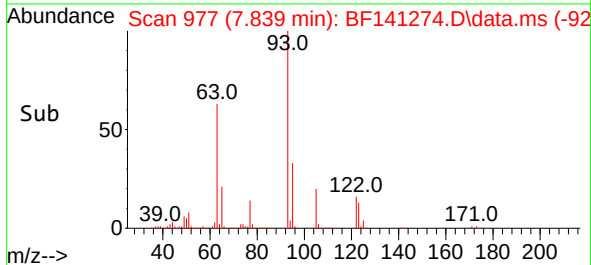
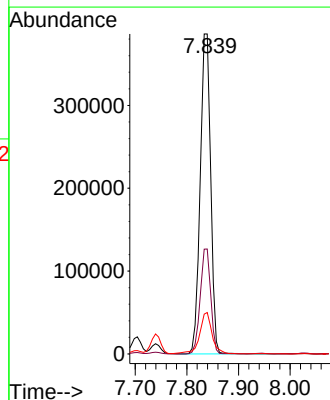
Delta R.T. -0.012 min

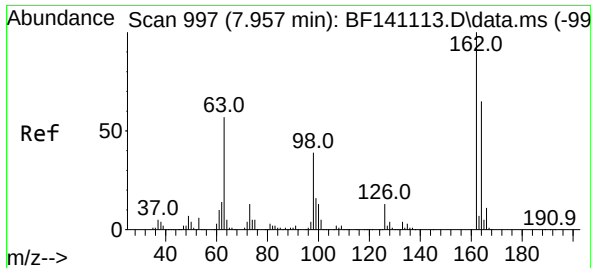
Lab File: BF141274.D

Acq: 27 Jan 2025 15:58



Tgt Ion:	93	Resp:	541249
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.9	10.1	15.1





#29

2,4-Dichlorophenol

Concen: 51.080 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141274.D

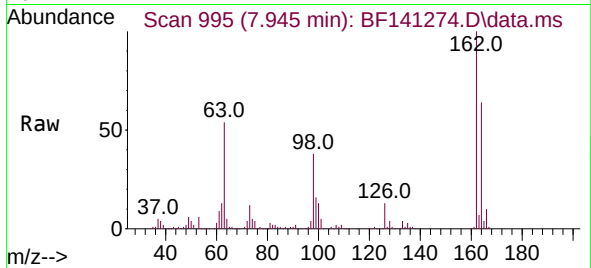
Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS



Tgt Ion:162 Resp: 399914

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.5	84.5
98	37.6	18.5	58.5

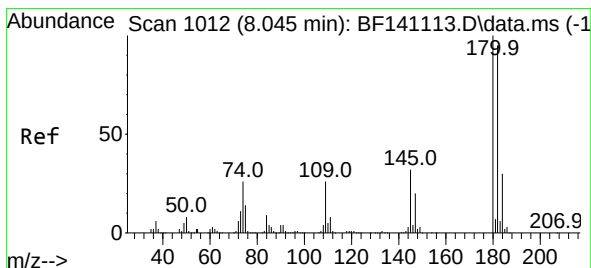
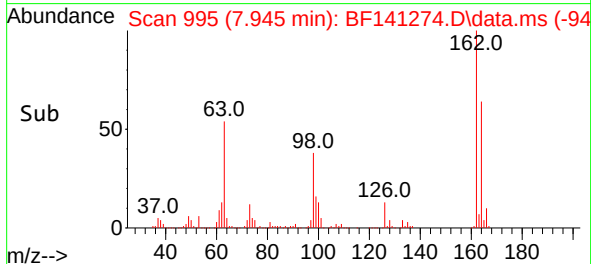
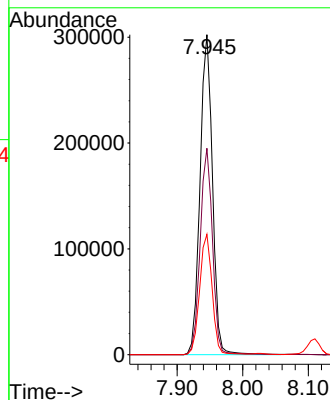
Manual Integrations
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Reviewed By :Jagrut
Upadhyay

01/28/2025

Supervised By :mohammad
ahmed

01/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.217 ng

RT: 8.028 min Scan# 1009

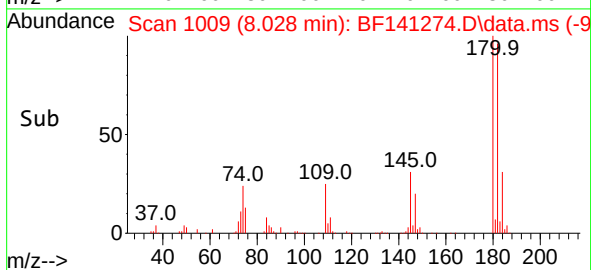
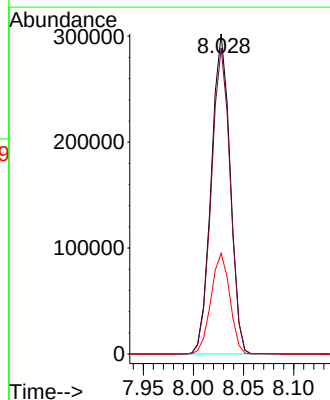
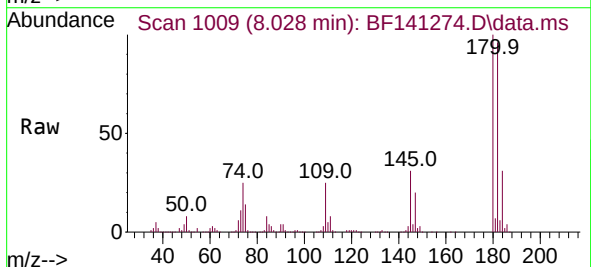
Delta R.T. -0.018 min

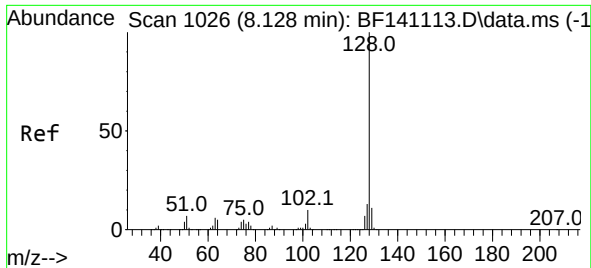
Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Tgt Ion:180 Resp: 395702

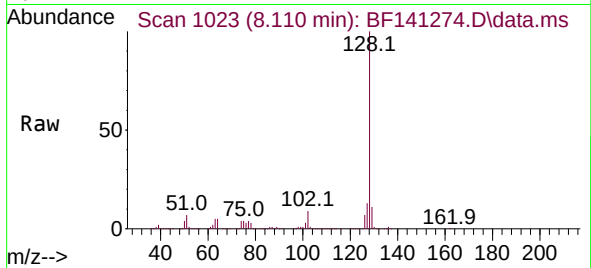
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	31.4	25.3	37.9





#31
Naphthalene
Concen: 45.928 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



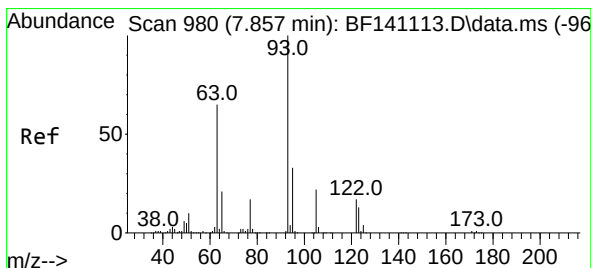
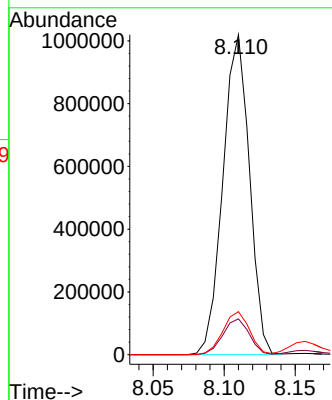
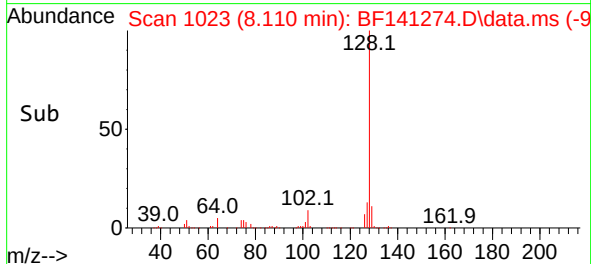
Tgt Ion:128 Resp: 1323520
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2

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Upadhyay

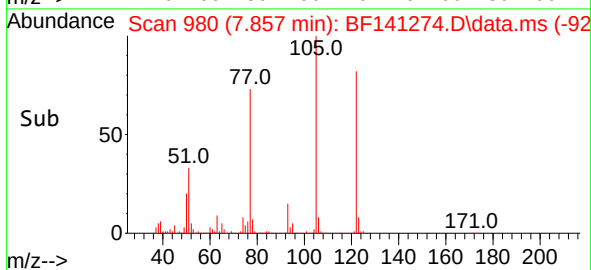
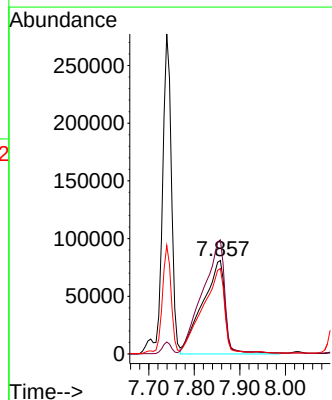
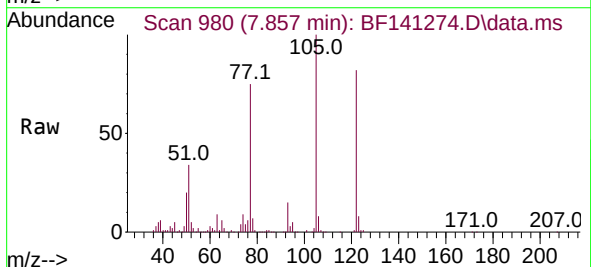
01/28/2025
Supervised By :mohammad
ahmed

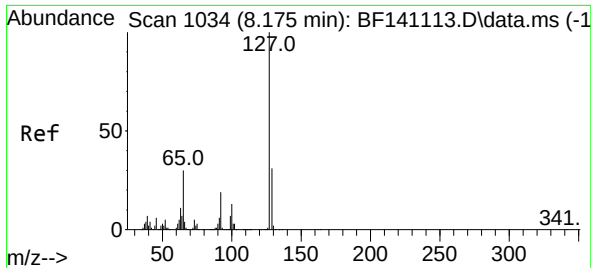
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#32
Benzoic acid
Concen: 44.203 ng m
RT: 7.857 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

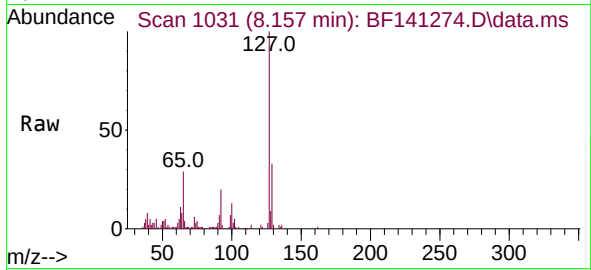
Tgt Ion:122 Resp: 279524
Ion Ratio Lower Upper
122 100
105 121.9 105.5 145.5
77 91.3 75.1 115.1





#33
4-Chloroaniline
Concen: 8.182 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



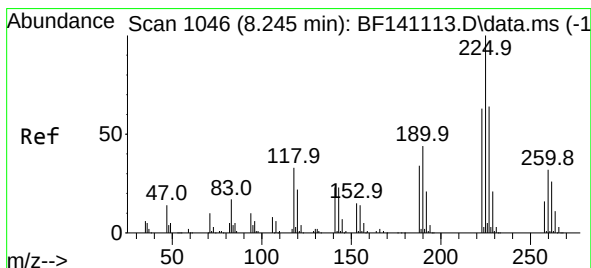
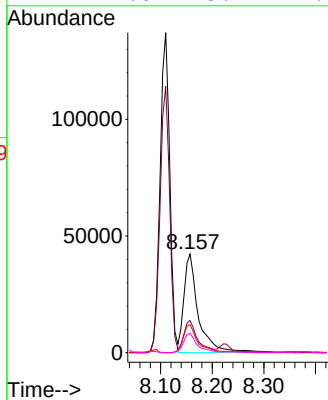
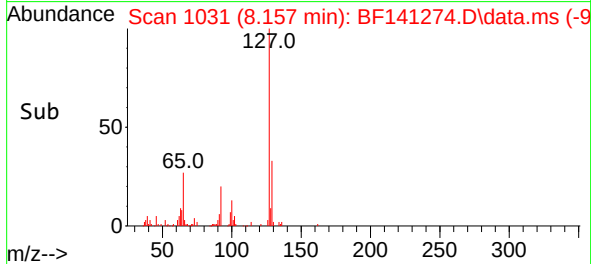
Tgt Ion:	127	Resp:	8154
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	28.5	23.8	35.8
92	19.6	15.2	22.8

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Upadhyay

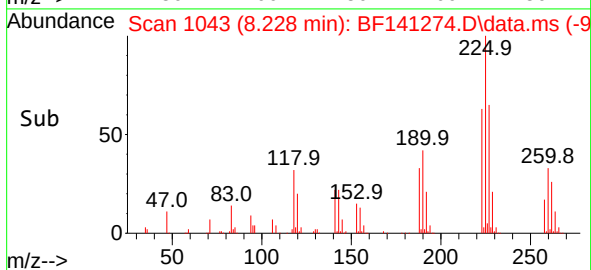
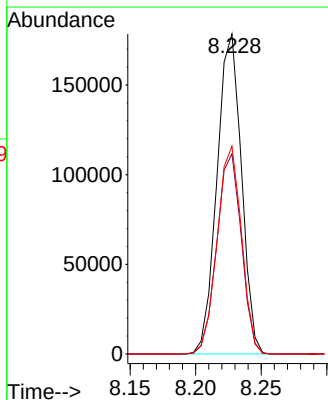
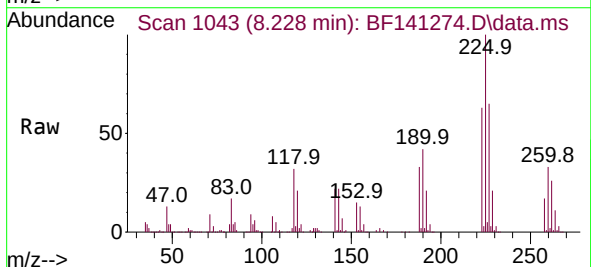
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Supervised By :mohammad
ahmed

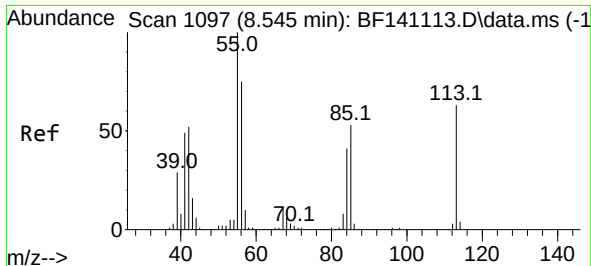
01/31/2025



#34
Hexachlorobutadiene
Concen: 42.891 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

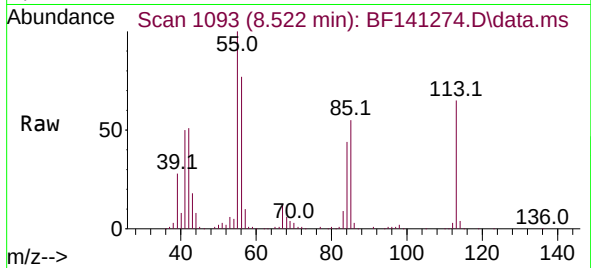
Tgt Ion:	225	Resp:	231282
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.6	76.0
227	64.9	51.6	77.4





#35
Caprolactam
Concen: 40.012 ng
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



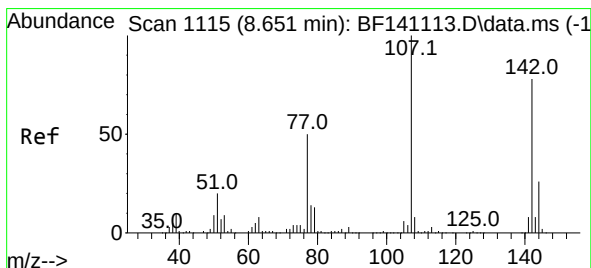
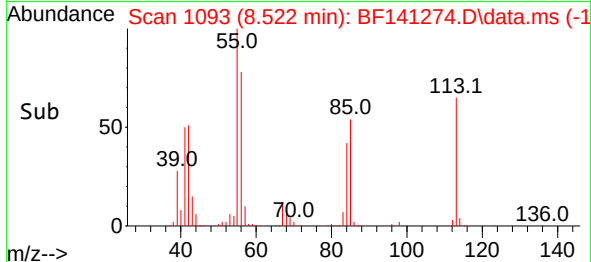
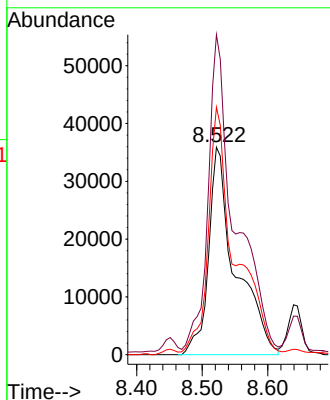
Tgt Ion:113 Resp: 10255
Ion Ratio Lower Upper
113 100
55 154.2 139.7 179.7
56 119.2 99.4 139.4

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Upadhyay

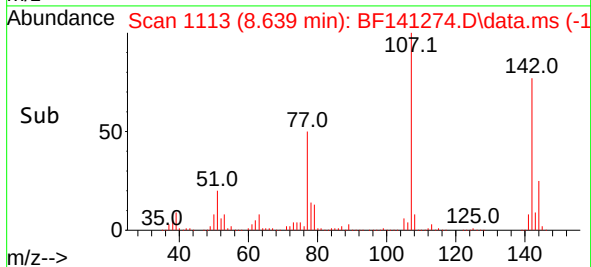
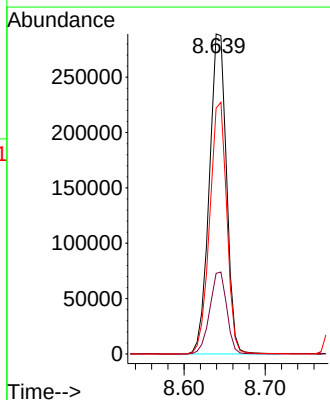
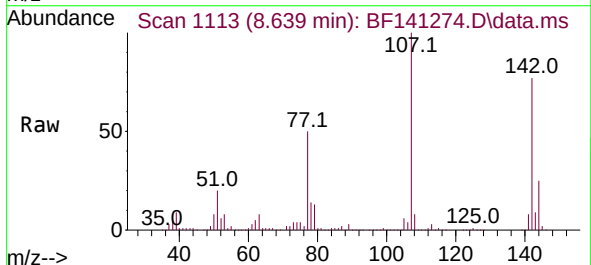
01/28/2025
Supervised By :mohammad
ahmed

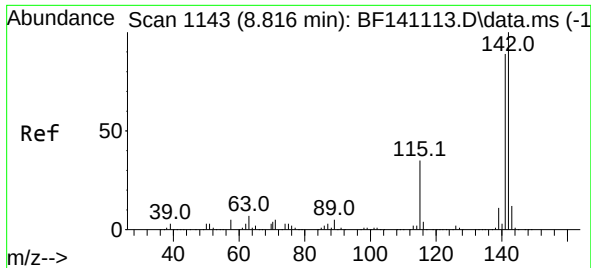
01/31/2025



#36
4-Chloro-3-methylphenol
Concen: 49.618 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:107 Resp: 424852
Ion Ratio Lower Upper
107 100
144 25.2 20.4 30.6
142 76.8 62.2 93.2





#37
2-Methylnaphthalene
Concen: 49.013 ng
RT: 8.798 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

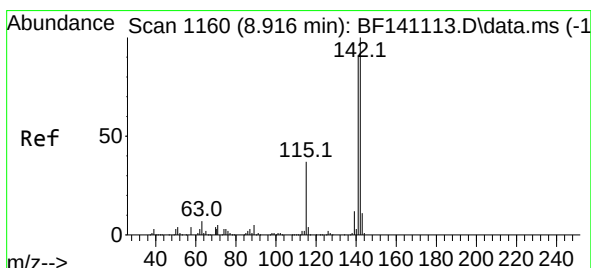
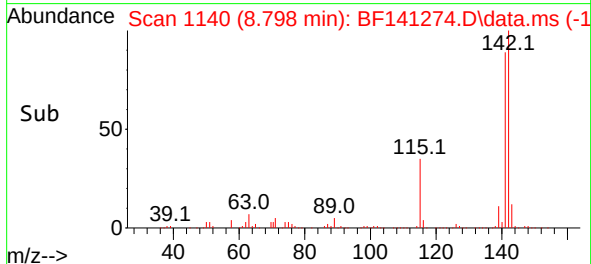
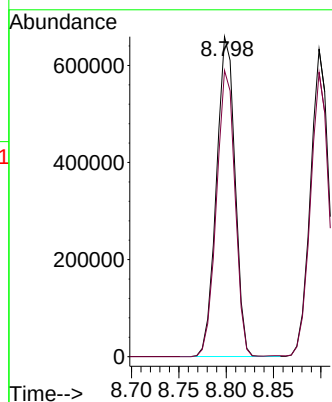
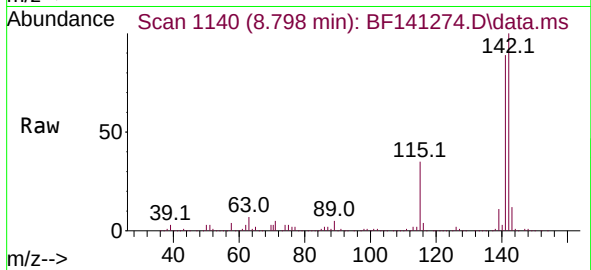
Tgt Ion:142 Resp: 90004
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9

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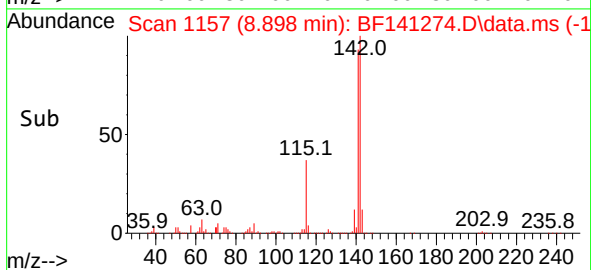
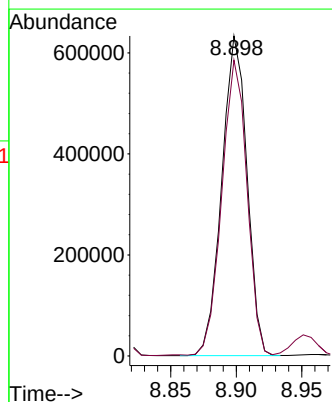
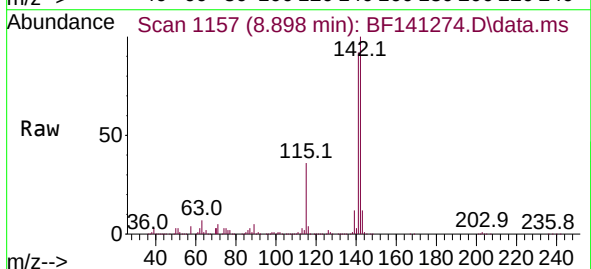
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Supervised By :mohammad
ahmed

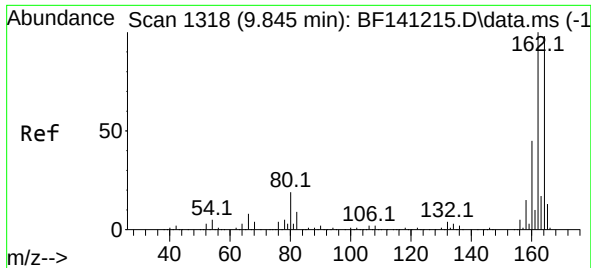
01/31/2025



#38
1-Methylnaphthalene
Concen: 46.757 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

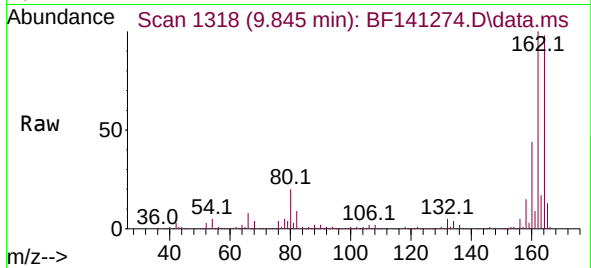
Tgt Ion:142 Resp: 846188
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



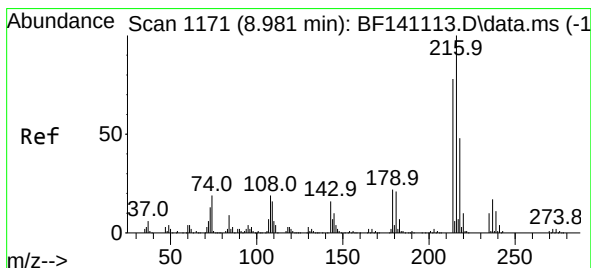
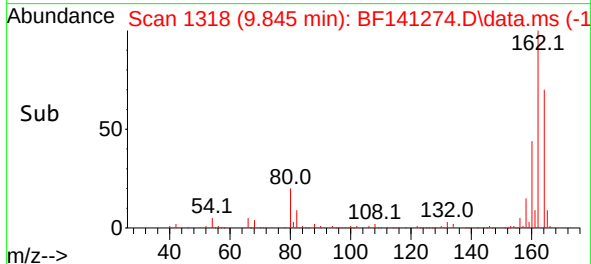
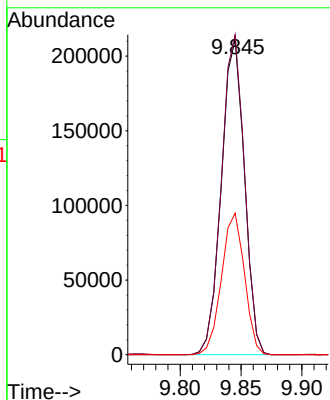
Tgt Ion:164 Resp: 278078
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.9 36.1 54.1

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Upadhyay

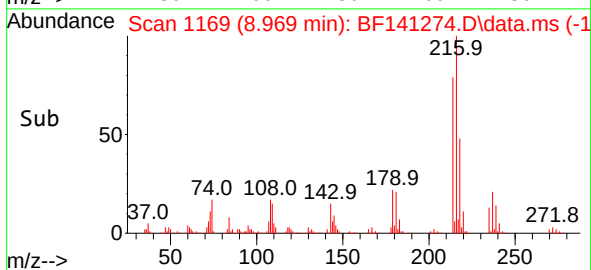
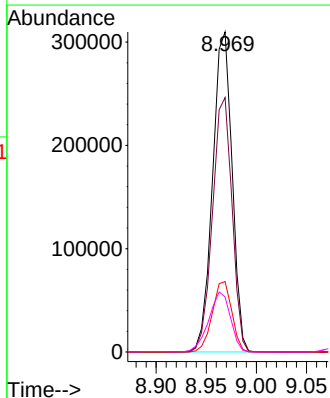
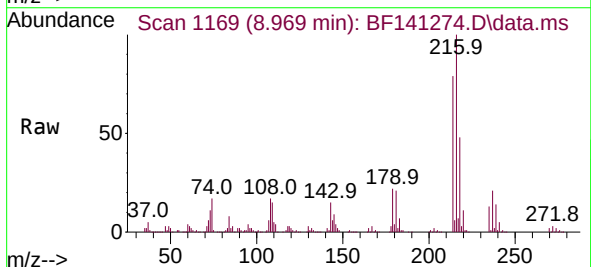
01/28/2025
Supervised By :mohammad
ahmed

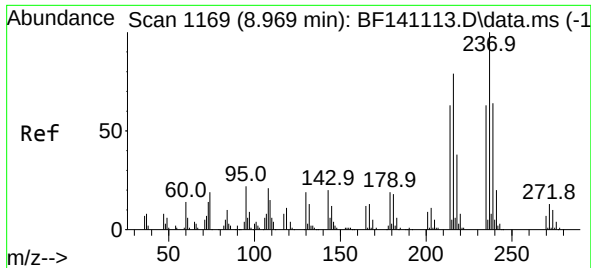
01/31/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.342 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

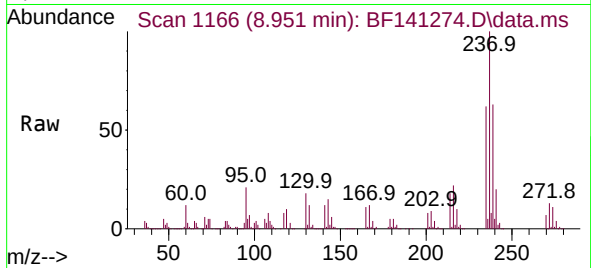
Tgt Ion:216 Resp: 417758
Ion Ratio Lower Upper
216 100
214 79.8 62.6 94.0
179 22.1 17.7 26.5
108 21.0 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 180.949 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



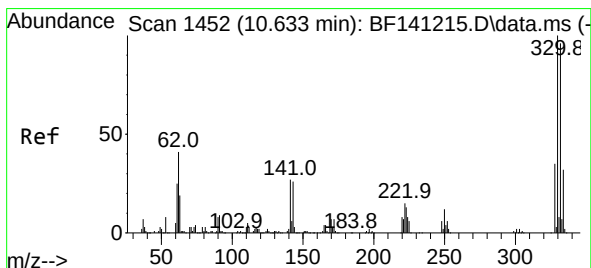
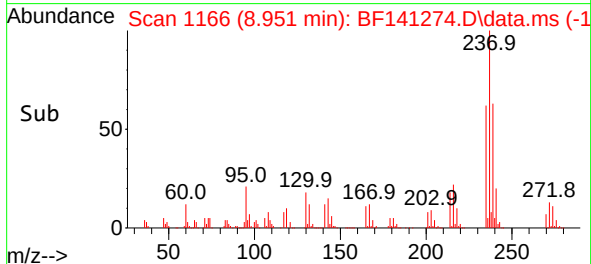
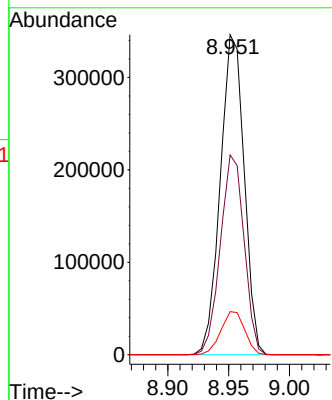
Tgt Ion:237 Resp: 472502
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 13.4 0.0 33.0

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Upadhyay

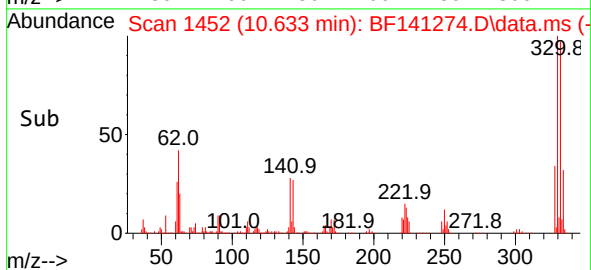
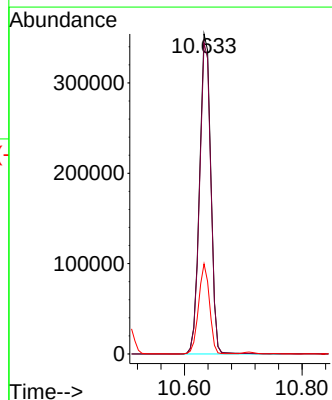
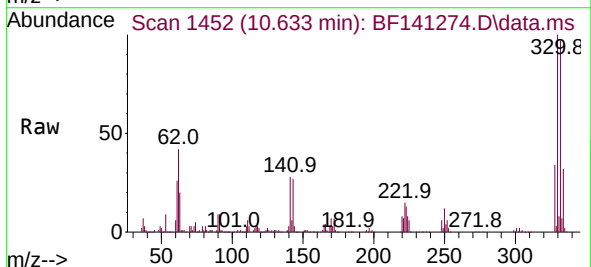
01/28/2025
Supervised By :mohammad
ahmed

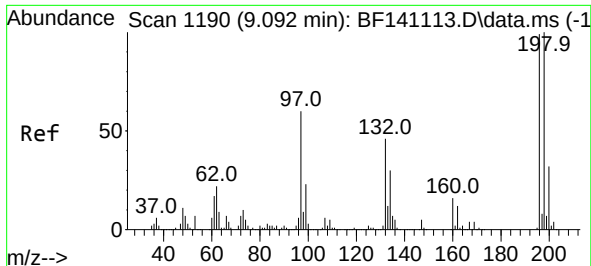
01/31/2025



#42
2,4,6-Tribromophenol
Concen: 148.114 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

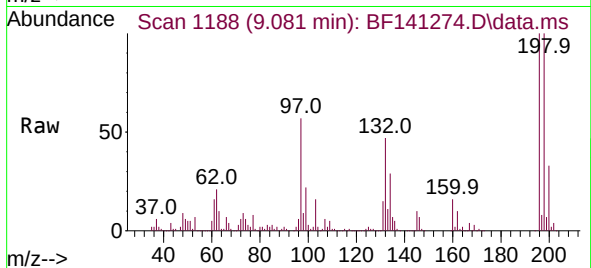
Tgt Ion:330 Resp: 469302
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 27.4 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 53.912 ng
RT: 9.081 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



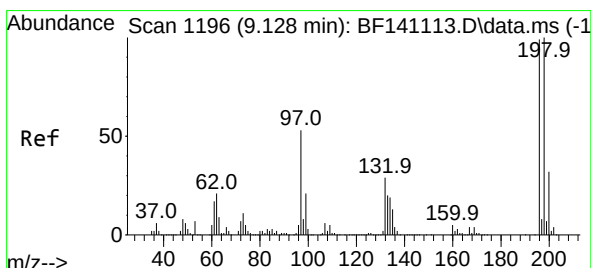
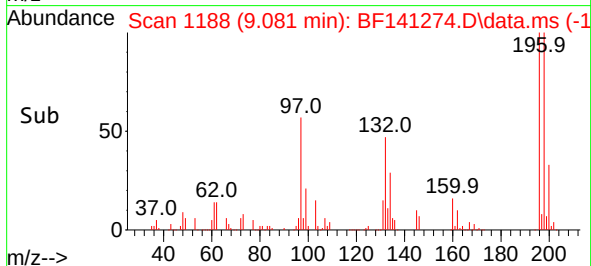
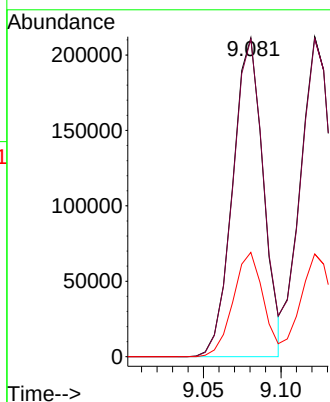
Tgt Ion:196 Resp: 290208
Ion Ratio Lower Upper
196 100
198 99.6 80.8 121.2
200 32.7 25.7 38.5

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Upadhyay

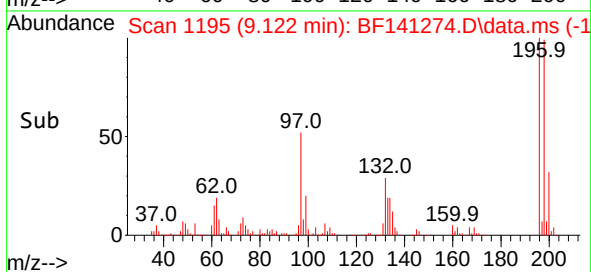
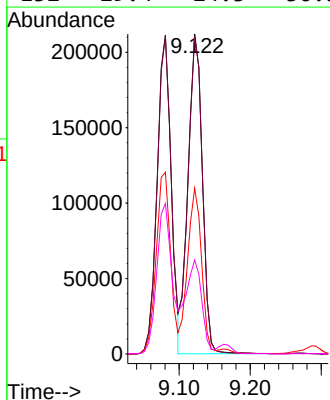
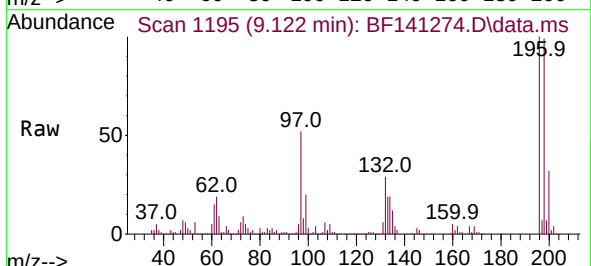
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ahmed

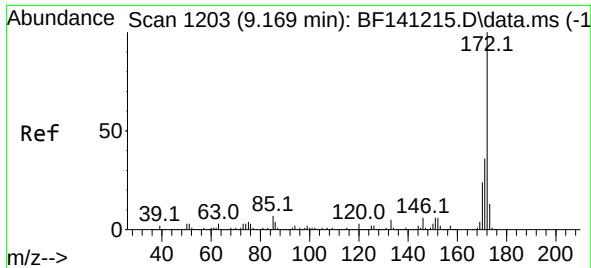
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#44
2,4,5-Trichlorophenol
Concen: 52.369 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

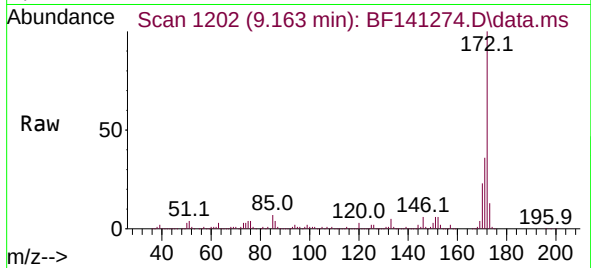
Tgt Ion:196 Resp: 297720
Ion Ratio Lower Upper
196 100
198 99.3 80.6 120.8
97 51.8 43.1 64.7
132 29.4 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 98.317 ng
RT: 9.163 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



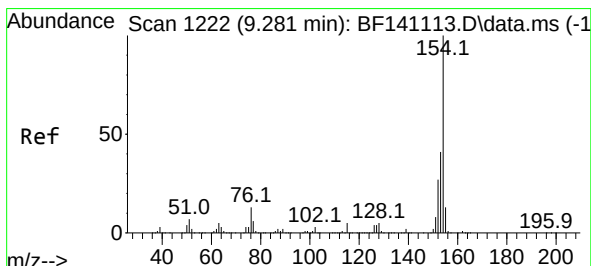
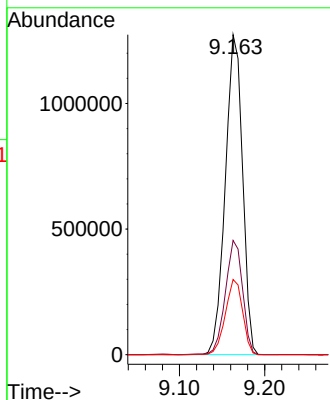
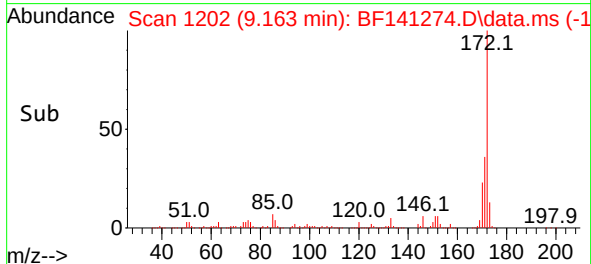
Tgt Ion:172 Resp: 1790360
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.5 19.0 28.6

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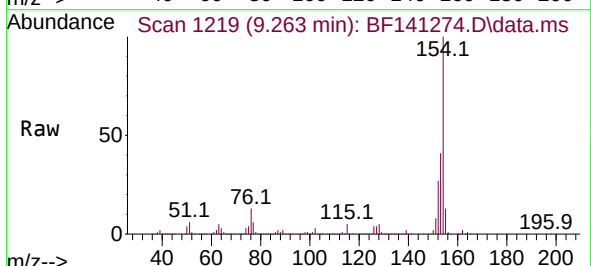
Reviewed By :Jagrut
Upadhyay

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Supervised By :mohammad
ahmed

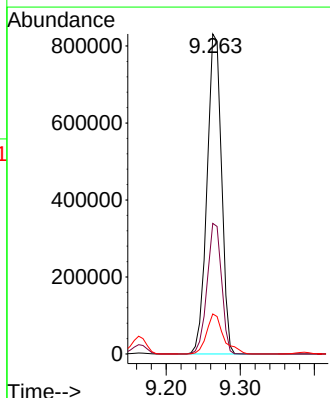
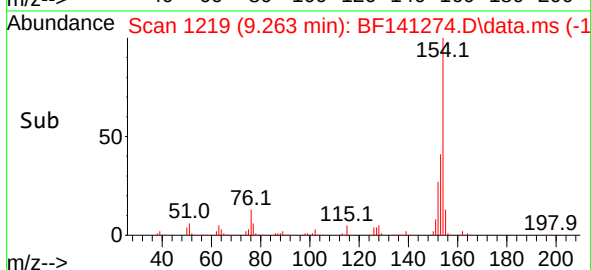
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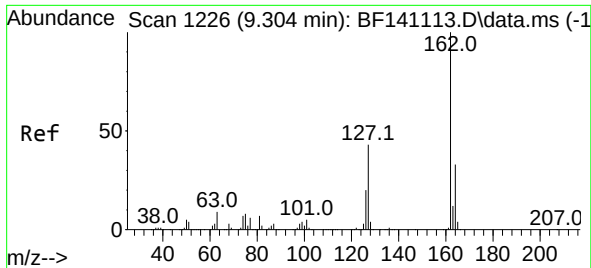


#46
1,1'-Biphenyl
Concen: 52.147 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58



Tgt Ion:154 Resp: 1126147
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.5 0.0 33.1





#47
 2-Chloronaphthalene
 Concen: 49.961 ng
 RT: 9.292 min Scan# 1224
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

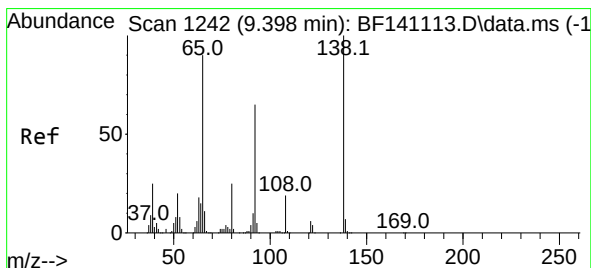
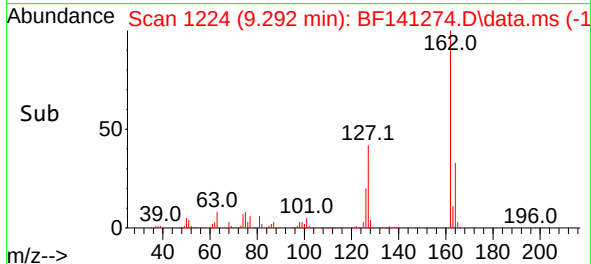
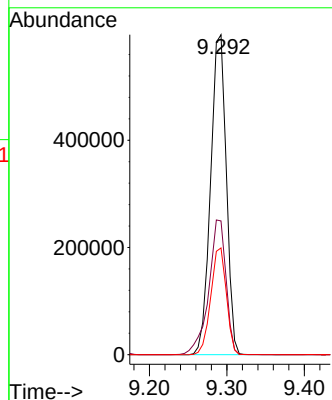
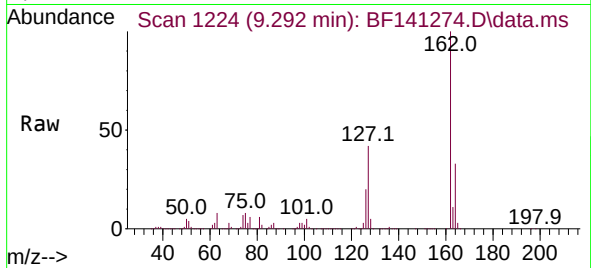
Tgt Ion:162 Resp: 840350
 Ion Ratio Lower Upper
 162 100
 127 41.8 34.6 51.8
 164 33.3 26.5 39.7

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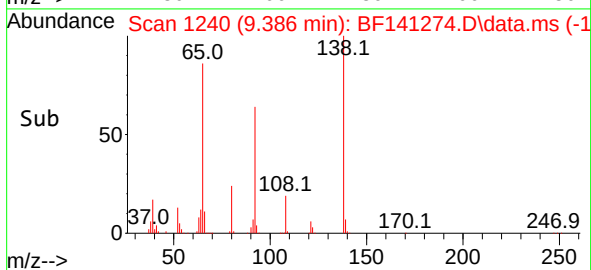
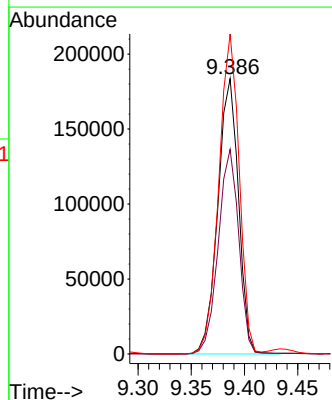
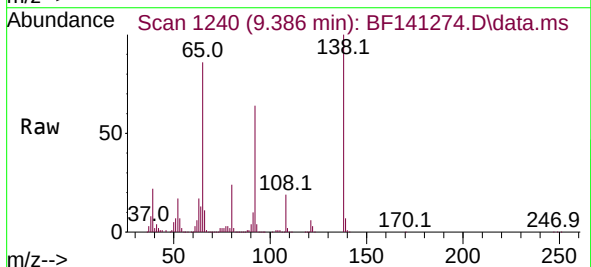
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 ahmed

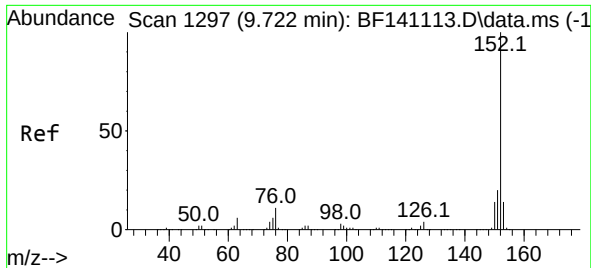
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#48
 2-Nitroaniline
 Concen: 49.597 ng
 RT: 9.386 min Scan# 1240
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

Tgt Ion: 65 Resp: 247293
 Ion Ratio Lower Upper
 65 100
 92 74.3 58.3 87.5
 138 116.2 89.1 133.7





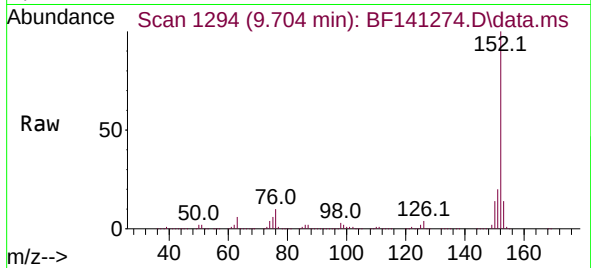
#49
Acenaphthylene
Concen: 54.491 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:152 Resp: 1309470
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.9 11.1 16.7

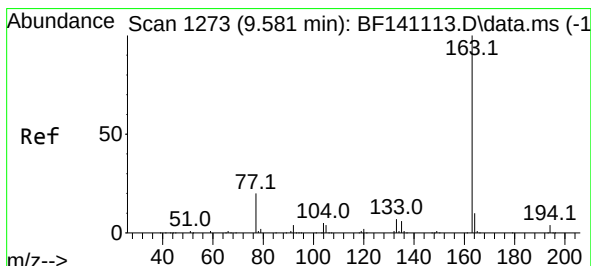
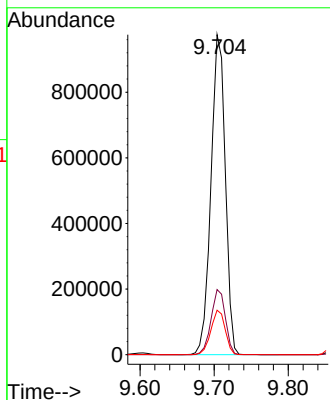
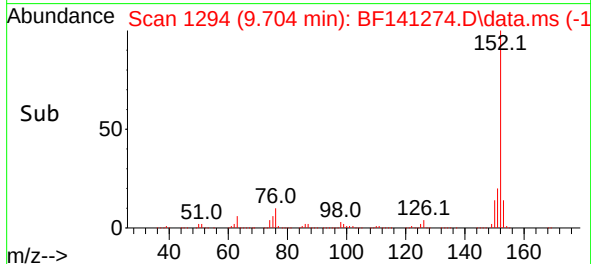
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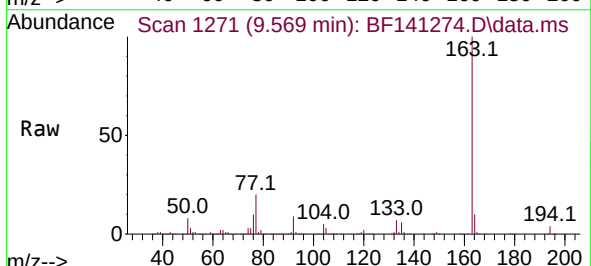
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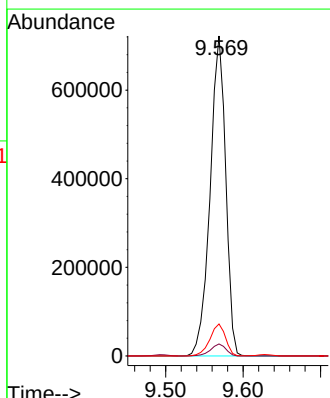
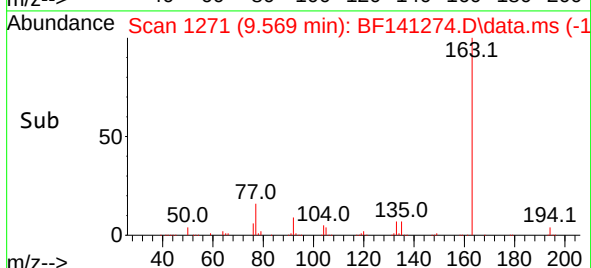
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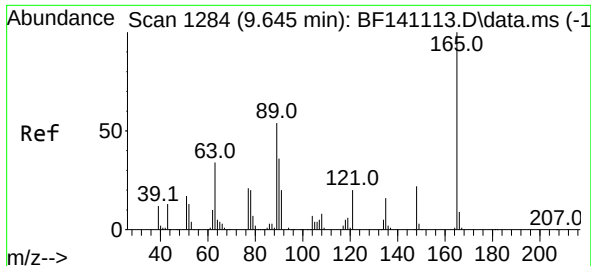


#50
Dimethylphthalate
Concen: 54.002 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58



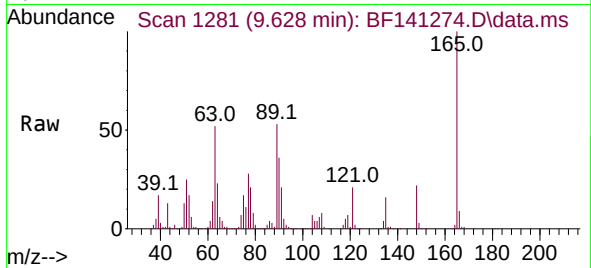
Tgt Ion:163 Resp: 1008135
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 51.197 ng
RT: 9.628 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
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ClientSampleId :
ARS20-0006MS



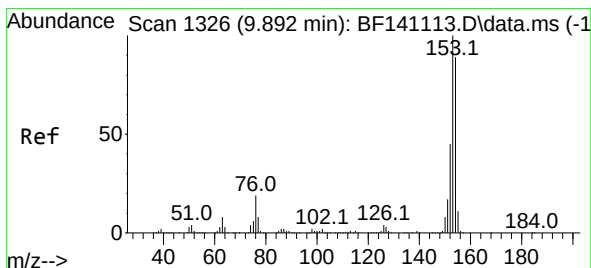
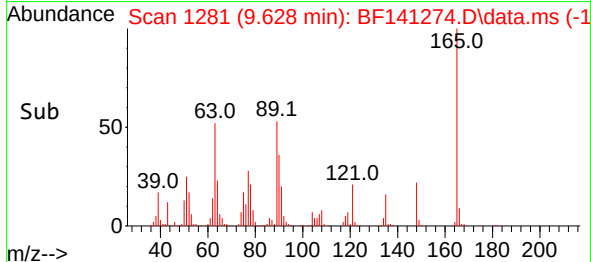
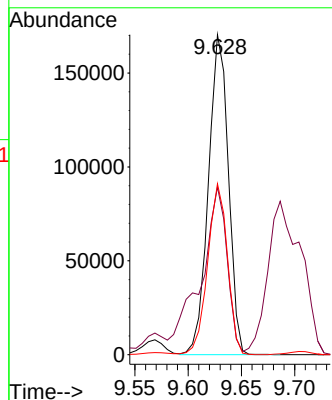
Tgt Ion:165 Resp: 22226
Ion Ratio Lower Upper
165 100
63 52.4 42.3 63.5
89 53.4 43.1 64.7

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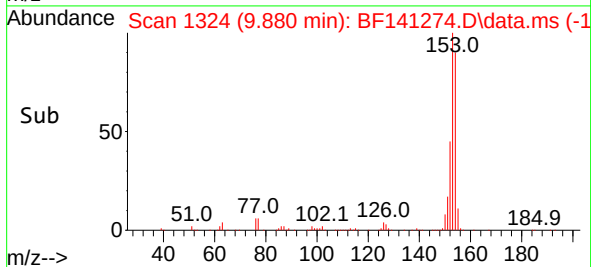
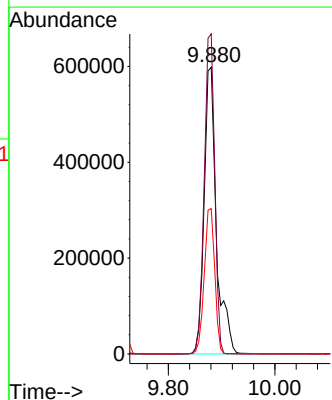
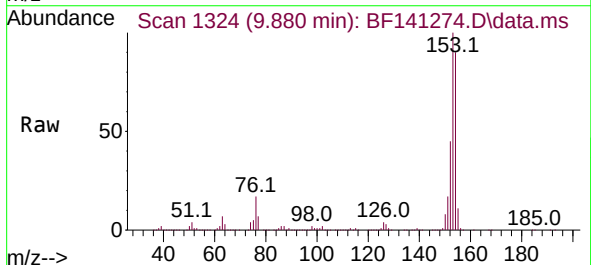
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ahmed

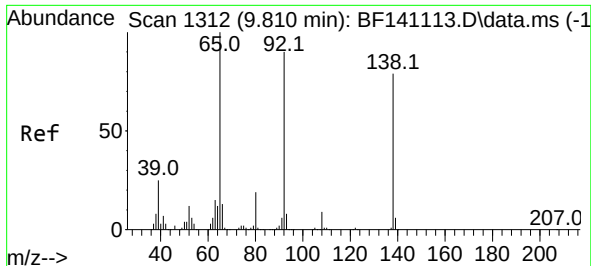
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#52
Acenaphthene
Concen: 57.162 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:154 Resp: 959706
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 50.7 40.8 61.2





#53
3-Nitroaniline
Concen: 15.808 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

Tgt Ion:138 Resp: 6973
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 115.2 91.3 136.9

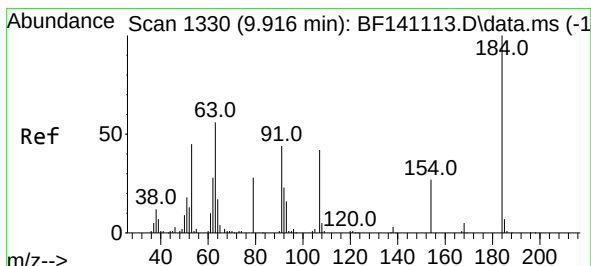
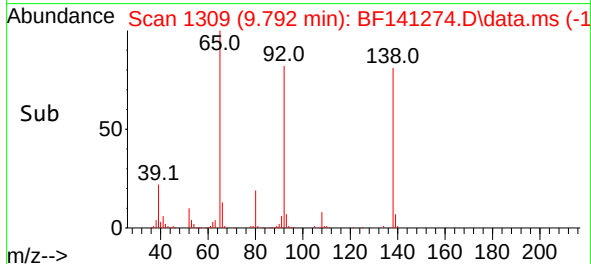
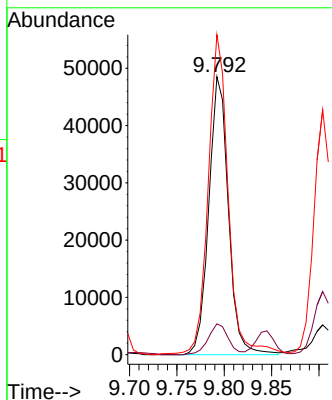
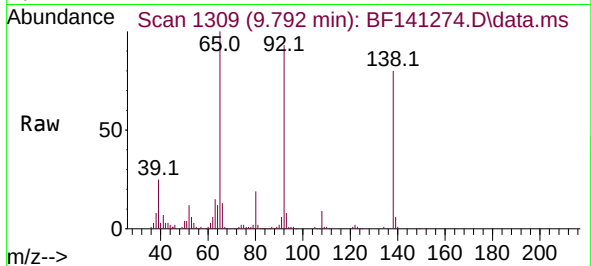
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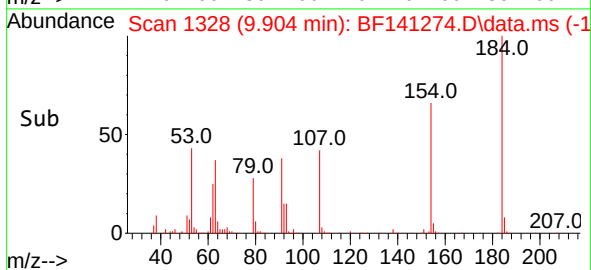
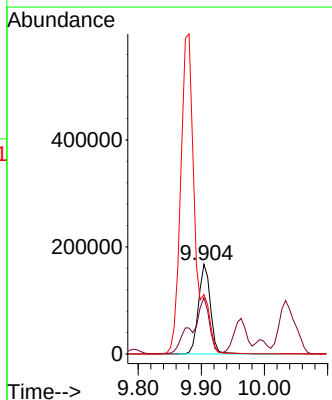
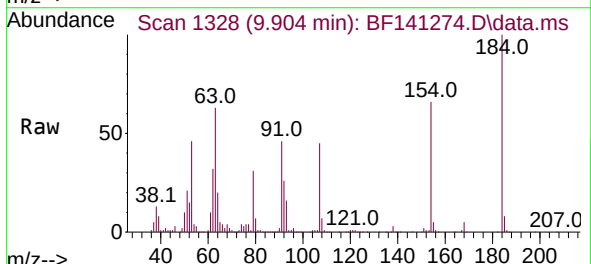
Supervised By :mohammad
ahmed

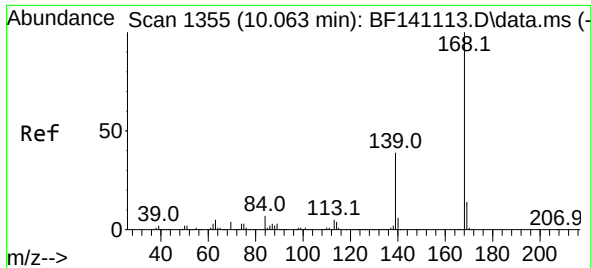
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#54
2,4-Dinitrophenol
Concen: 106.970 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

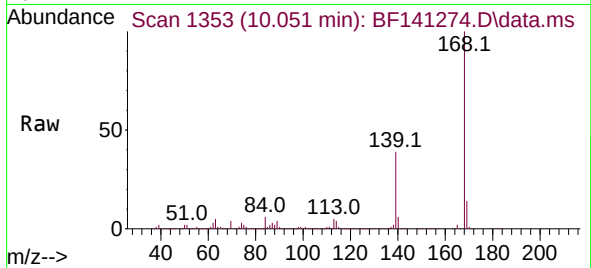
Tgt Ion:184 Resp: 220732
Ion Ratio Lower Upper
184 100
63 62.9 48.7 73.1
154 66.2 57.1 85.7





#55
Dibenzenofuran
Concen: 51.342 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
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ClientSampleId :
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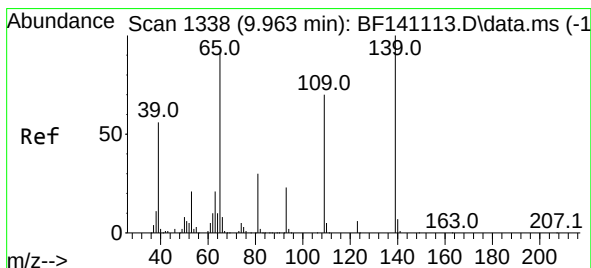
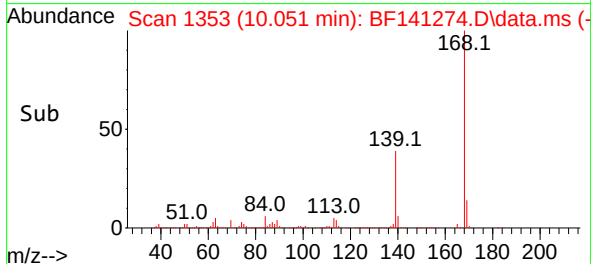
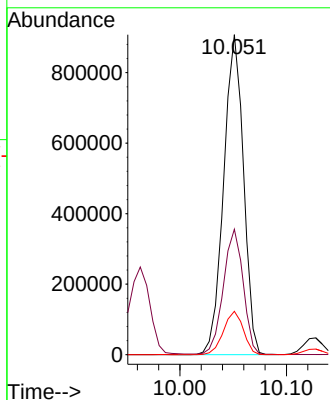
Tgt Ion:168 Resp: 1172480
Ion Ratio Lower Upper
168 100
139 39.2 31.4 47.0
169 13.6 10.9 16.3

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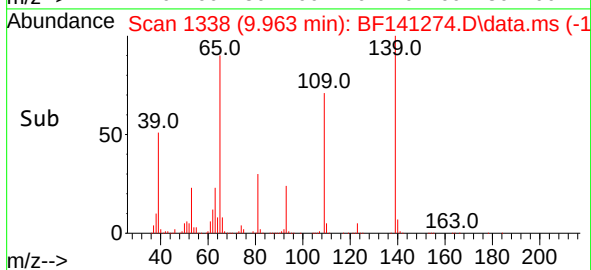
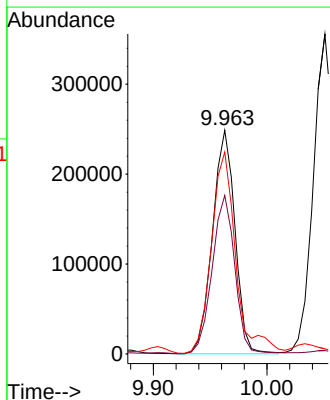
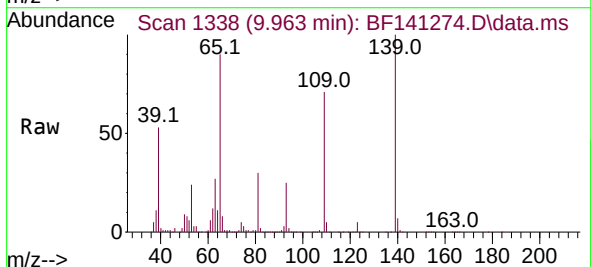
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Supervised By :mohammad
ahmed

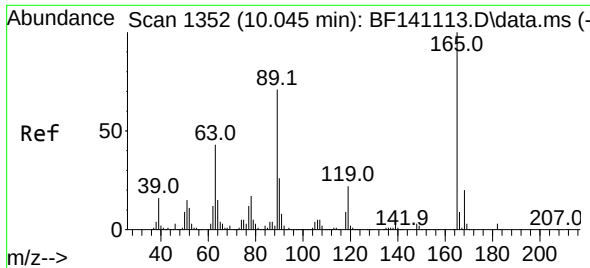
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#56
4-Nitrophenol
Concen: 99.279 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

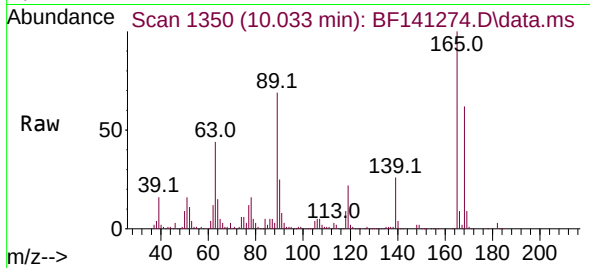
Tgt Ion:139 Resp: 343016
Ion Ratio Lower Upper
139 100
109 70.9 50.2 90.2
65 90.3 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 52.641 ng
RT: 10.033 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
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ClientSampleId :
ARS20-0006MS



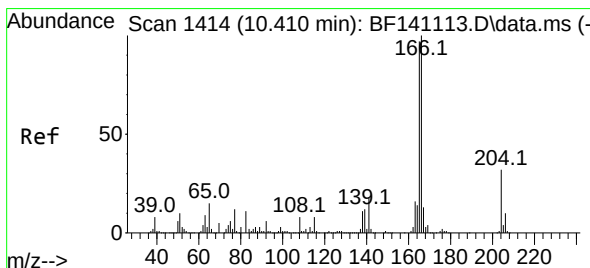
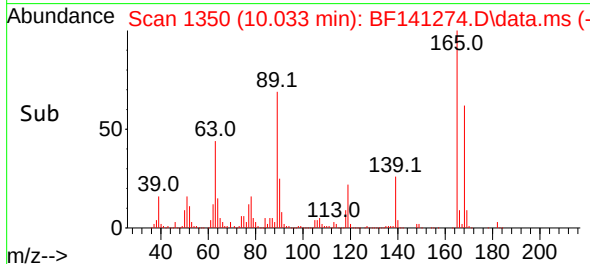
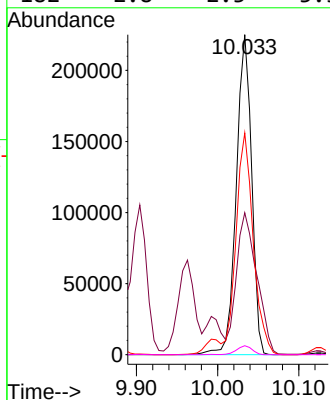
Tgt Ion:165 Resp: 29451
Ion Ratio Lower Upper
165 100
63 44.3 35.0 52.4
89 69.3 56.7 85.1
182 2.8 2.3 3.5

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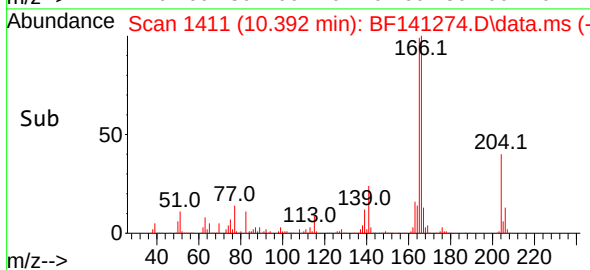
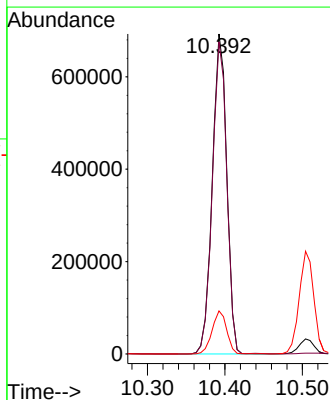
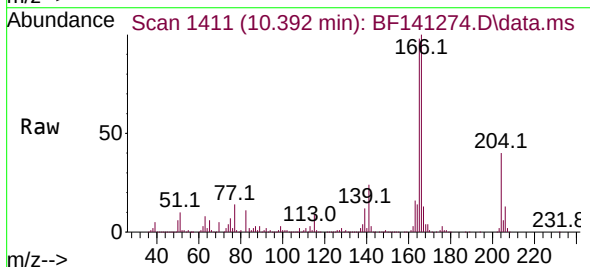
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Supervised By :mohammad
ahmed

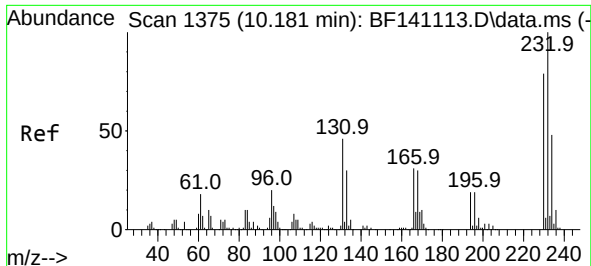
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#58
Fluorene
Concen: 50.801 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

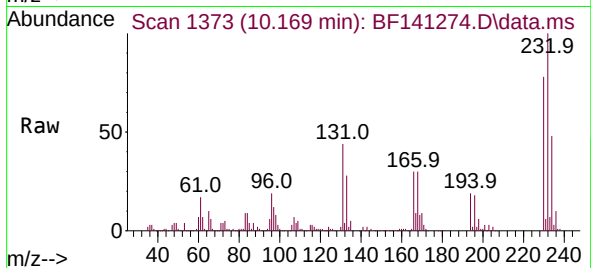
Tgt Ion:166 Resp: 901308
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.562 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
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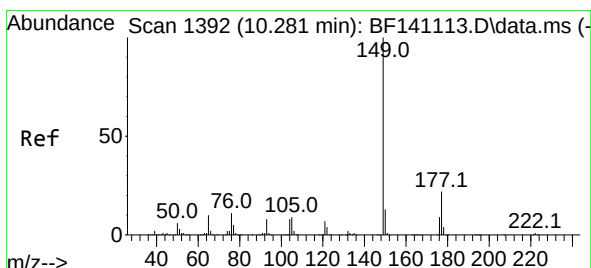
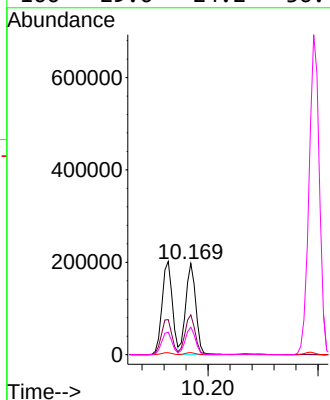
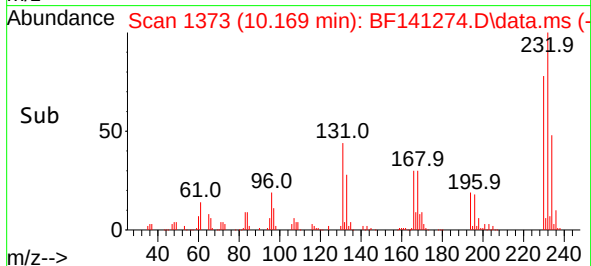
Tgt Ion:232 Resp: 25310
Ion Ratio Lower Upper
232 100
131 44.1 36.2 54.4
130 2.3 2.0 3.0
166 29.6 24.2 36.4

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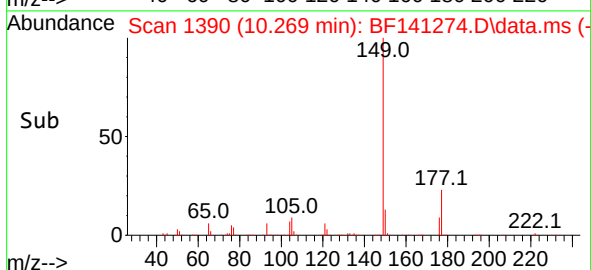
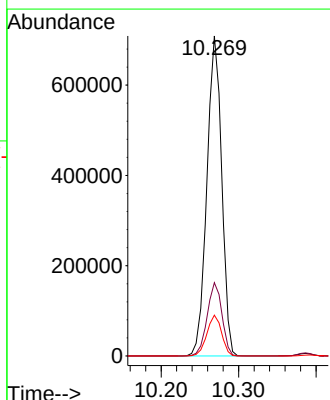
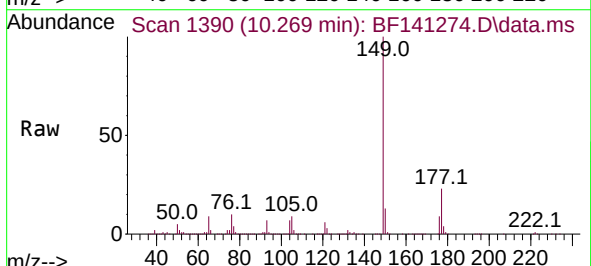
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Supervised By :mohammad
ahmed

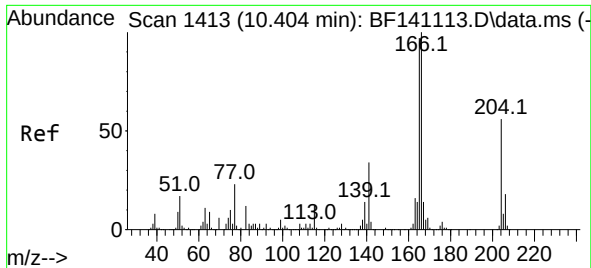
01/31/2025



#60
Diethylphthalate
Concen: 51.597 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

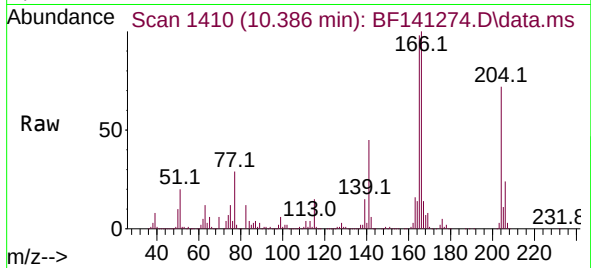
Tgt Ion:149 Resp: 940372
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.608 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



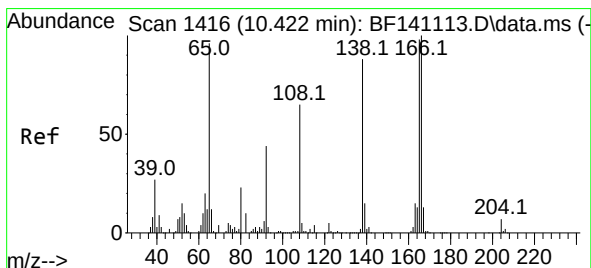
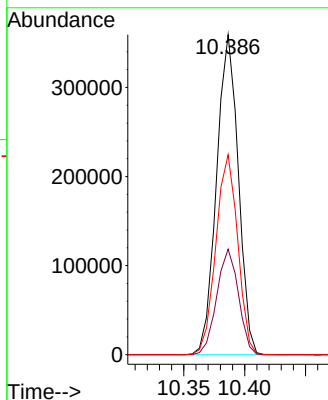
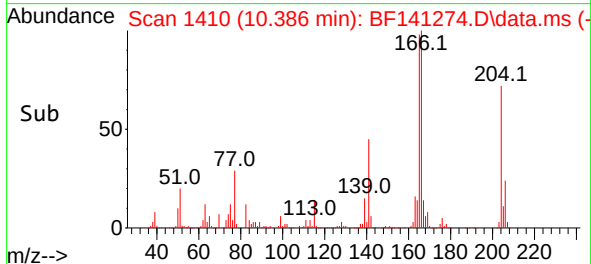
Tgt Ion:204 Resp: 446268
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 62.5 49.1 73.7

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Upadhyay

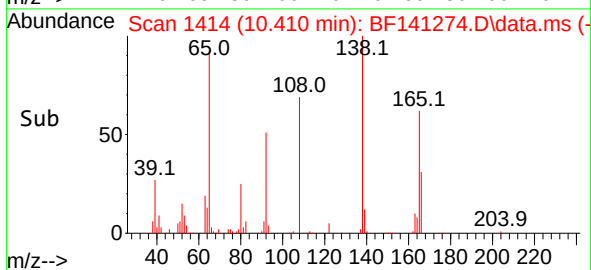
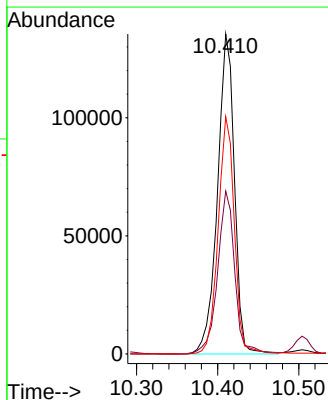
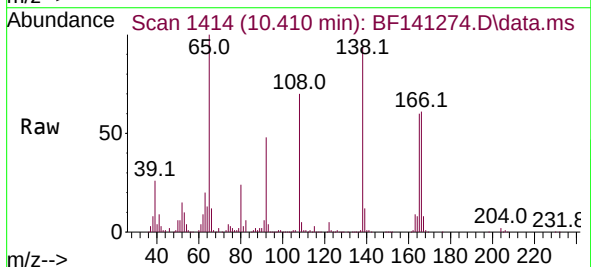
01/28/2025
Supervised By :mohammad
ahmed

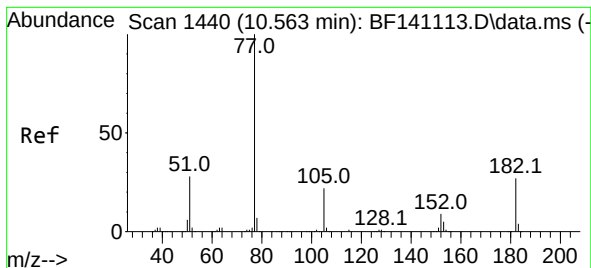
01/31/2025



#62
4-Nitroaniline
Concen: 45.693 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

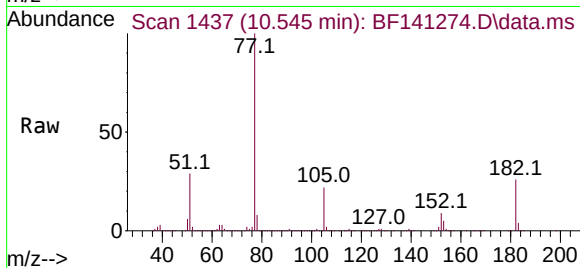
Tgt Ion:138 Resp: 197300
Ion Ratio Lower Upper
138 100
92 50.9 29.4 69.4
108 74.1 53.7 93.7





#63
Azobenzene
Concen: 50.297 ng
RT: 10.545 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



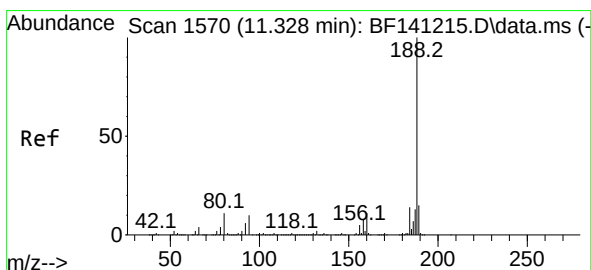
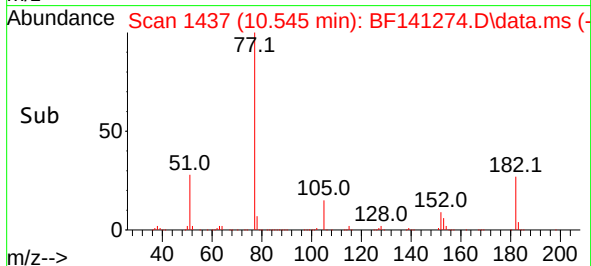
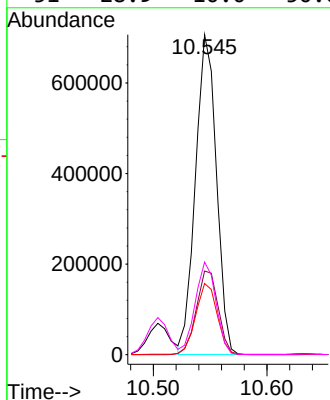
Tgt Ion: 77 Resp: 904504
Ion Ratio Lower Upper
77 100
182 26.2 6.1 46.1
105 22.2 2.1 42.1
51 28.9 10.0 50.0

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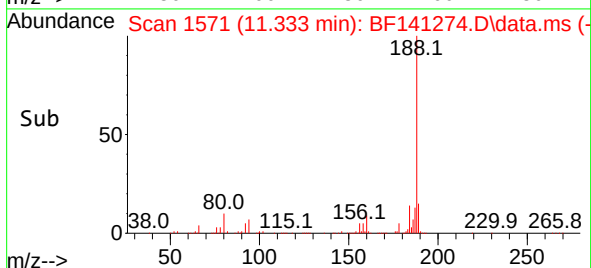
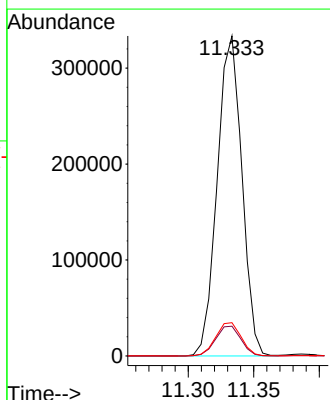
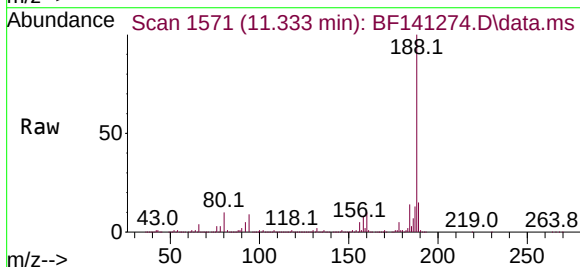
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Supervised By :mohammad
ahmed

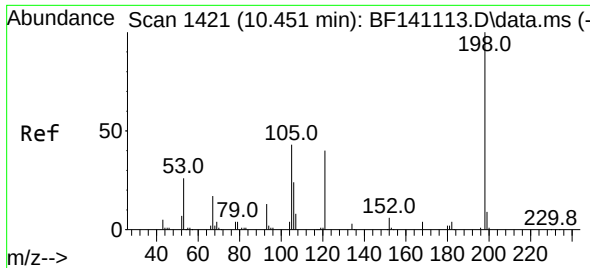
01/31/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

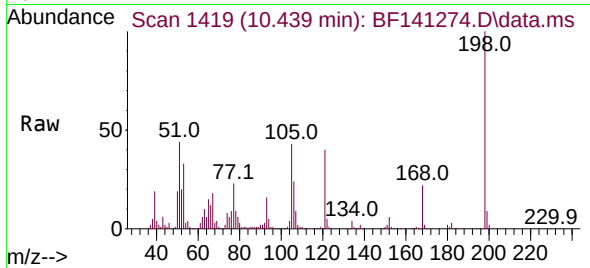
Tgt Ion:188 Resp: 436550
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 10.4 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 61.632 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



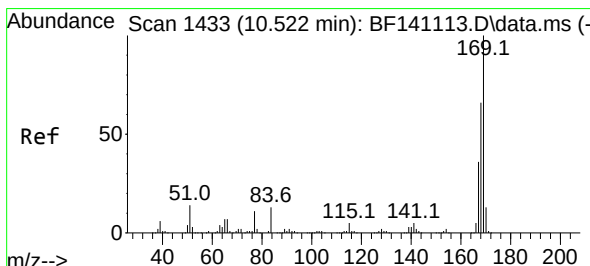
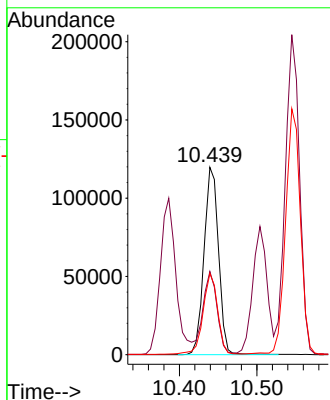
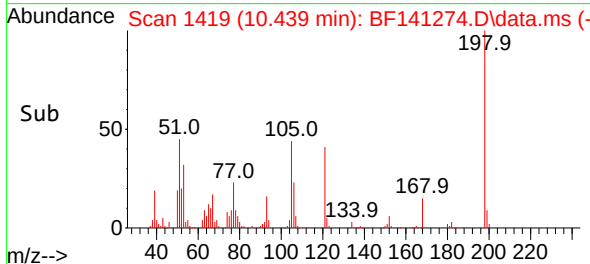
Tgt Ion:198 Resp: 155910
Ion Ratio Lower Upper
198 100
51 44.4 27.1 67.1
105 43.3 24.2 64.2

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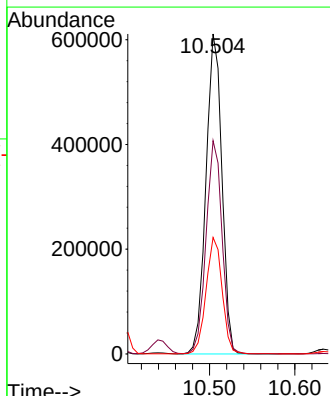
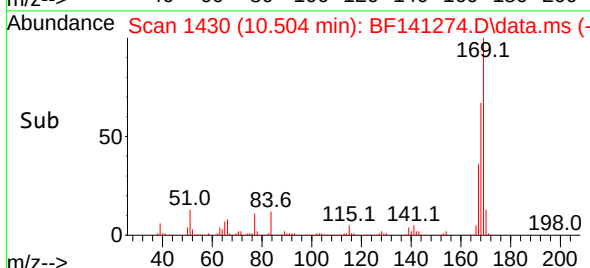
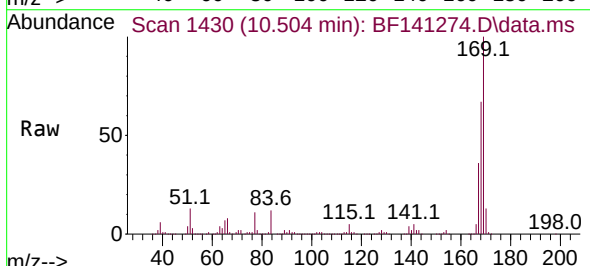
01/28/2025
Supervised By :mohammad
ahmed

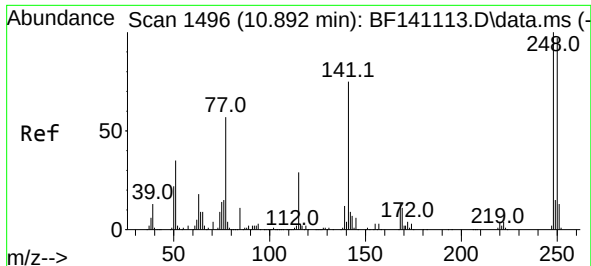
01/31/2025



#66
n-Nitrosodiphenylamine
Concen: 56.227 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

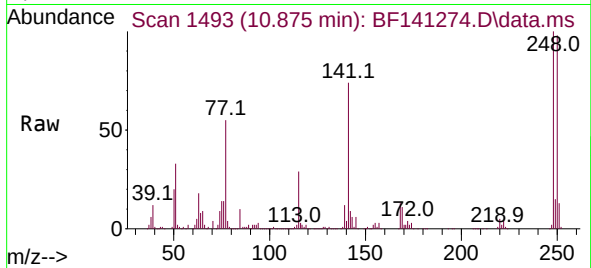
Tgt Ion:169 Resp: 791712
Ion Ratio Lower Upper
169 100
168 66.7 52.5 78.7
167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 57.970 ng
RT: 10.875 min Scan# 1496
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



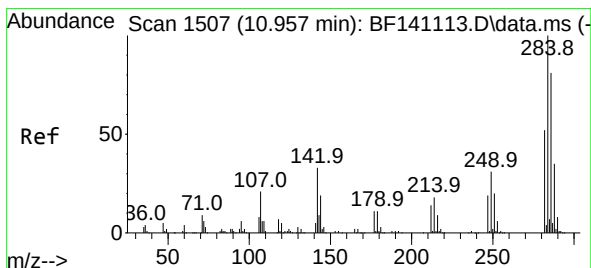
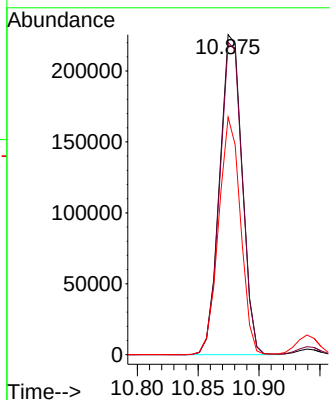
Tgt Ion:248 Resp: 291359
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 74.2 59.9 89.9

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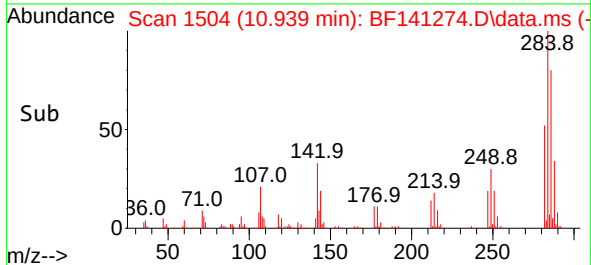
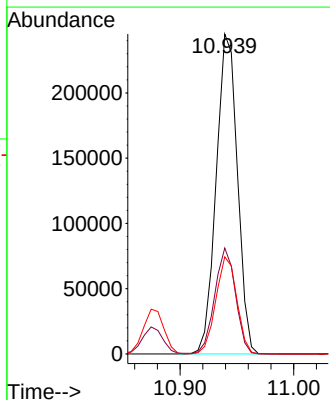
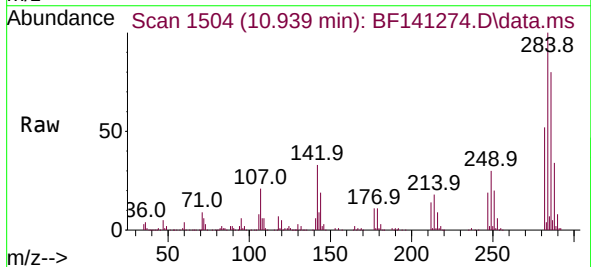
01/28/2025
Supervised By :mohammad
ahmed

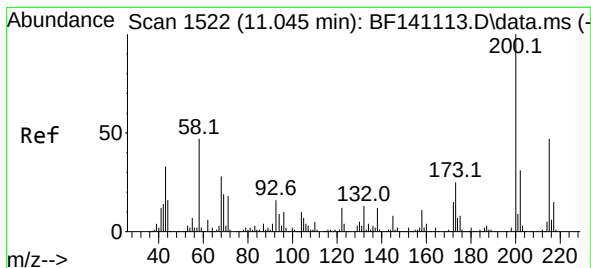
01/31/2025



#68
Hexachlorobenzene
Concen: 56.910 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:284 Resp: 318402
Ion Ratio Lower Upper
284 100
142 33.1 26.3 39.5
249 30.4 24.9 37.3





#69

Atrazine

Concen: 68.205 ng

RT: 11.033 min Scan# 1522

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

Tgt Ion:200 Resp: 258588
 Ion Ratio Lower Upper
 200 100
 173 26.7 5.4 45.4
 215 48.3 26.6 66.6

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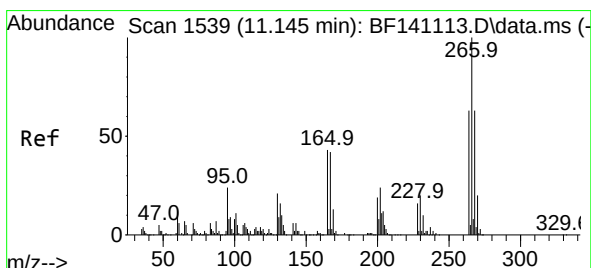
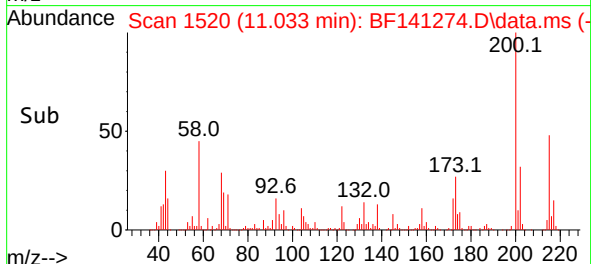
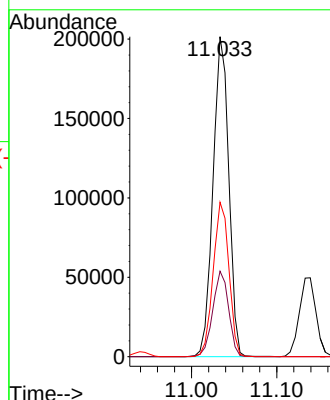
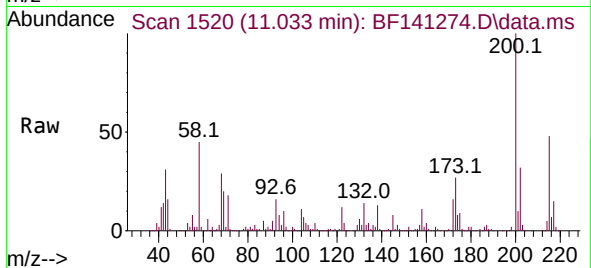
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 Upadhyay

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 ahmed

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#70

Pentachlorophenol

Concen: 104.514 ng

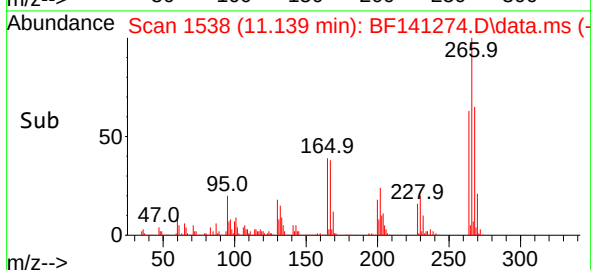
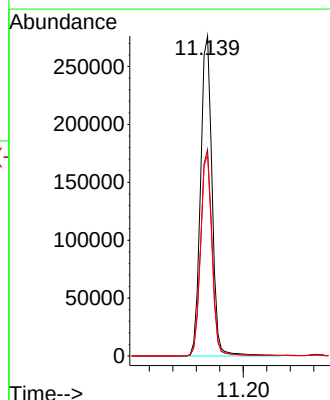
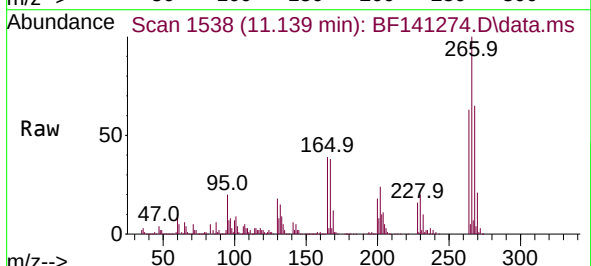
RT: 11.139 min Scan# 1538

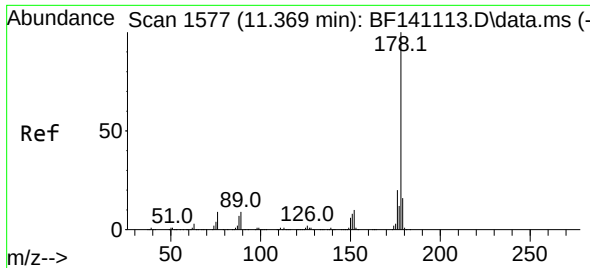
Delta R.T. -0.006 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

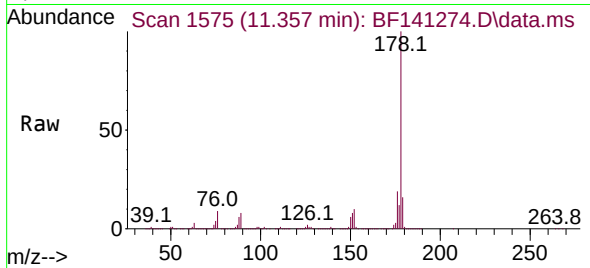
Tgt Ion:266 Resp: 374470
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.4 75.6
 264 63.0 50.2 75.2





#71
Phenanthrene
Concen: 55.480 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



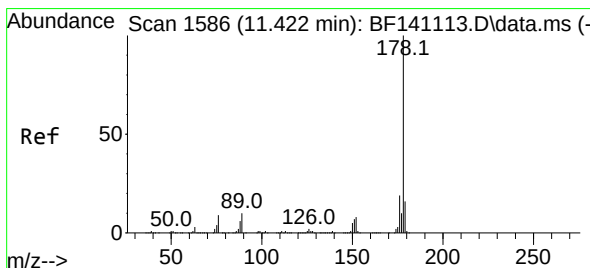
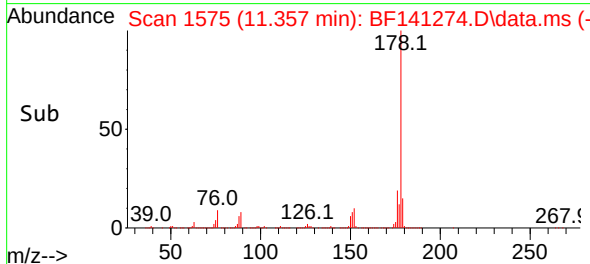
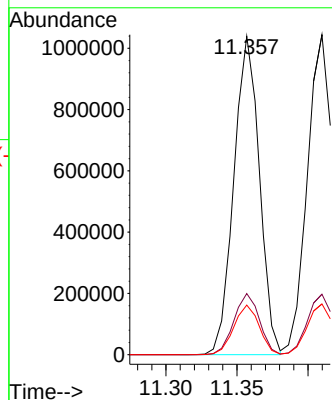
Tgt Ion:178 Resp: 1300288
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.6 12.6 19.0

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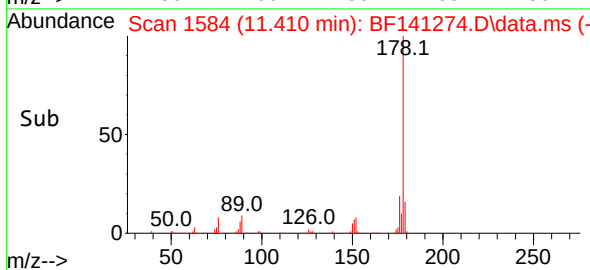
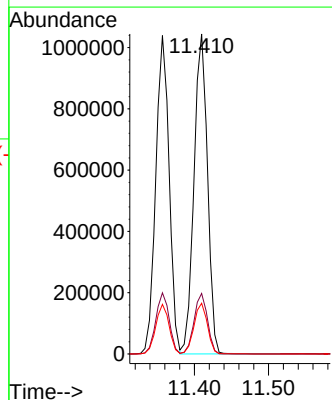
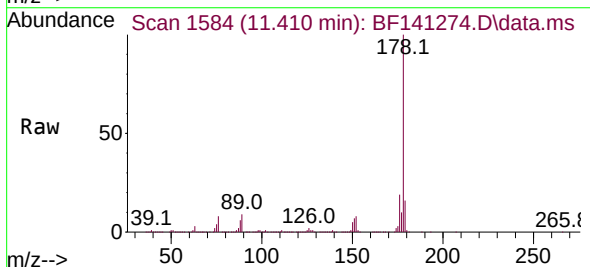
01/28/2025
Supervised By :mohammad
ahmed

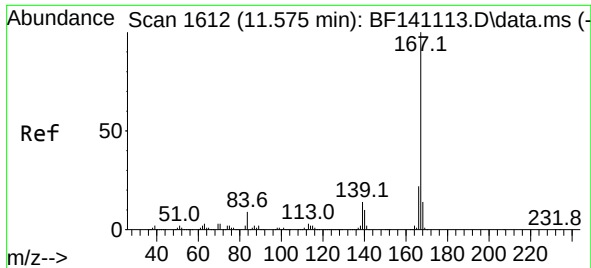
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#72
Anthracene
Concen: 57.804 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

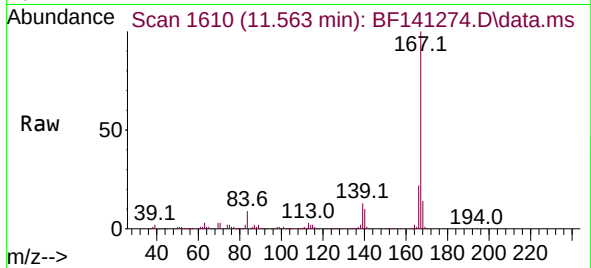
Tgt Ion:178 Resp: 1317295
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 54.250 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MS



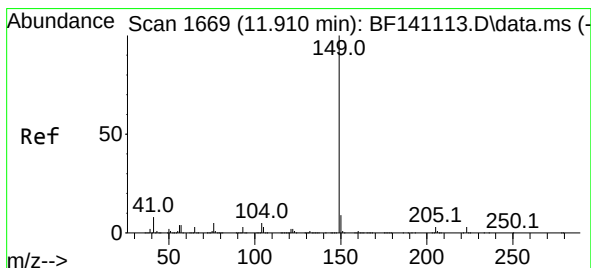
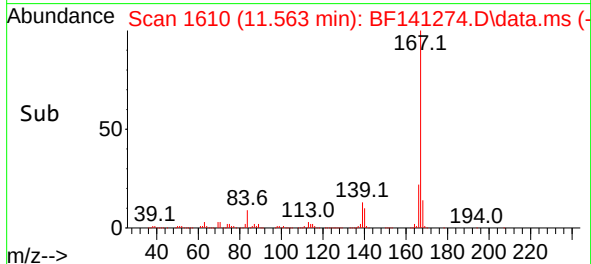
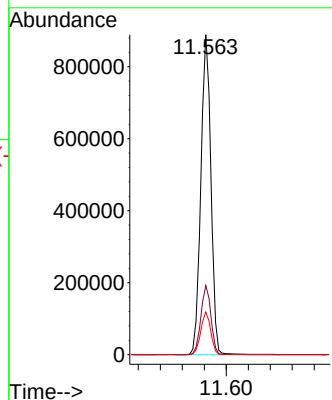
Tgt Ion:167 Resp: 113360
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.3 10.9 16.3

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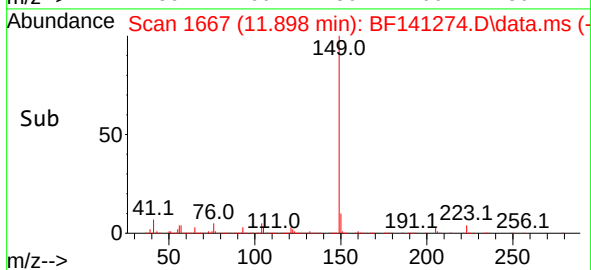
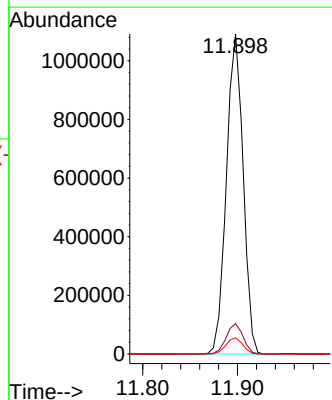
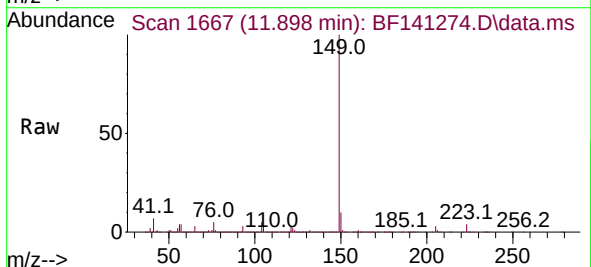
01/28/2025
 Supervised By :mohammad
 ahmed

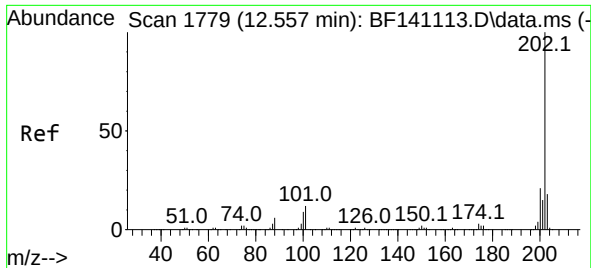
01/31/2025



#74
 Di-n-butylphthalate
 Concen: 56.113 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

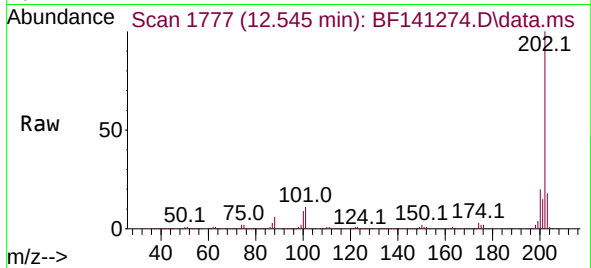
Tgt Ion:149 Resp: 1341877
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 55.080 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



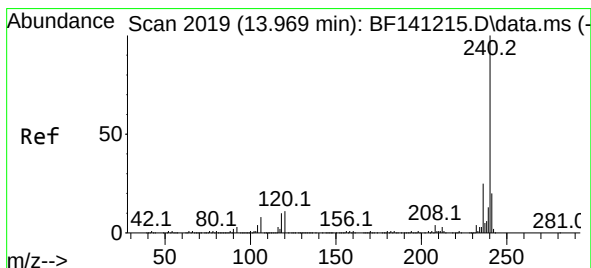
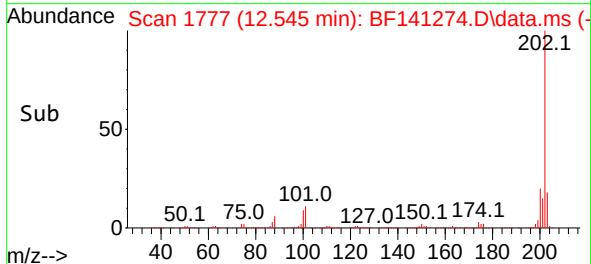
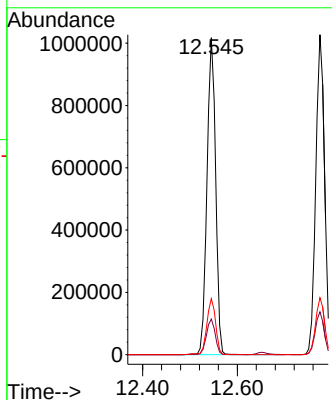
Tgt Ion:202 Resp: 1288214
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.3
203 17.7 0.0 37.7

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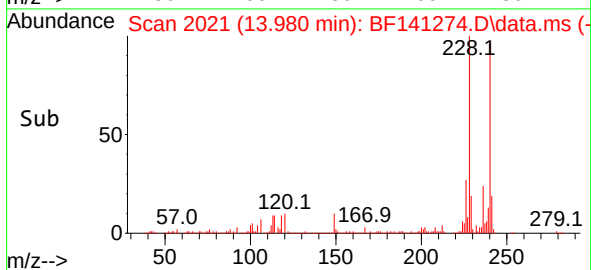
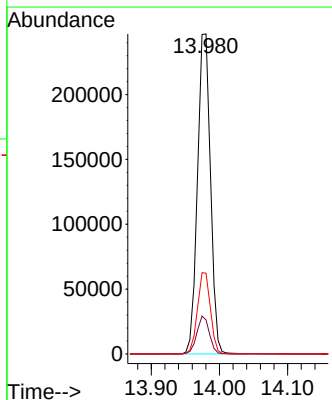
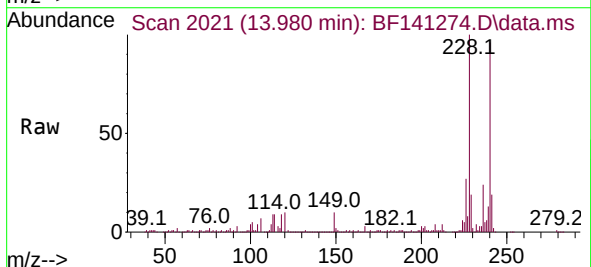
01/28/2025
Supervised By :mohammad
ahmed

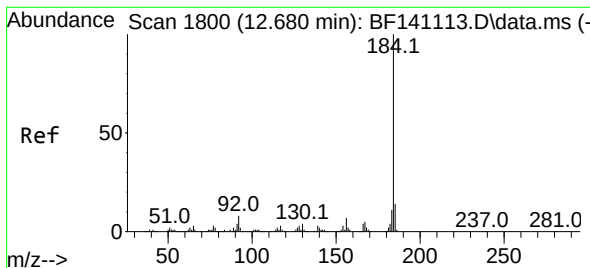
01/31/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

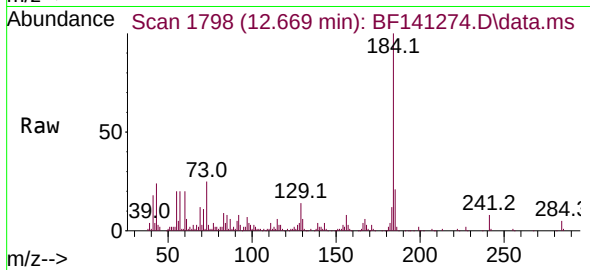
Tgt Ion:240 Resp: 327616
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 25.3 19.8 29.6





#77
Benzidine
Concen: 17.533 ng
RT: 12.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



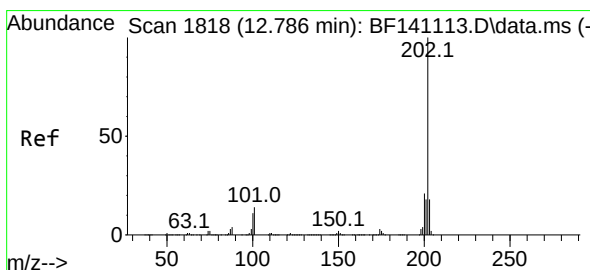
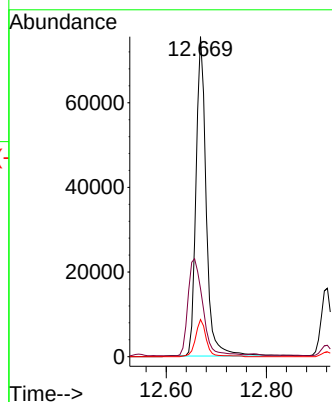
Tgt Ion:184 Resp: 106522
Ion Ratio Lower Upper
184 100
185 21.3 11.4 17.0
183 11.6 9.2 13.8

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Reviewed By :Jagrut
Upadhyay

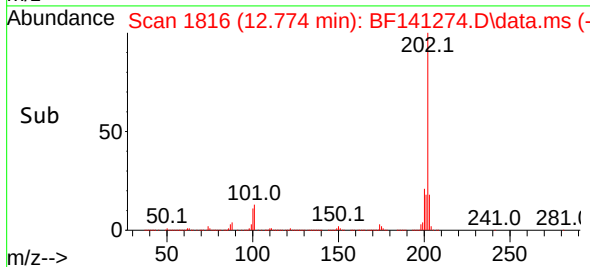
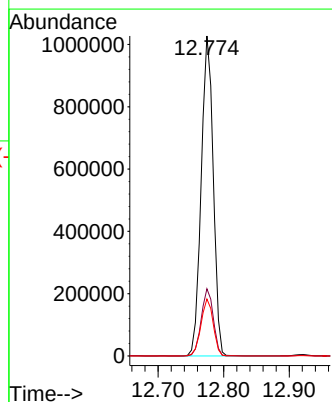
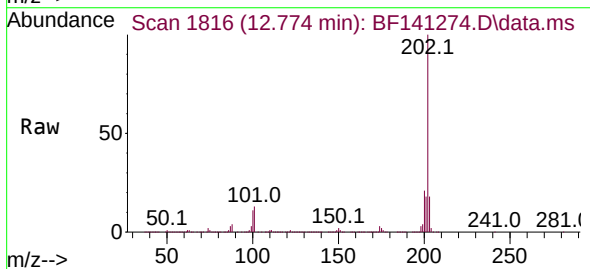
01/28/2025
Supervised By :mohammad
ahmed

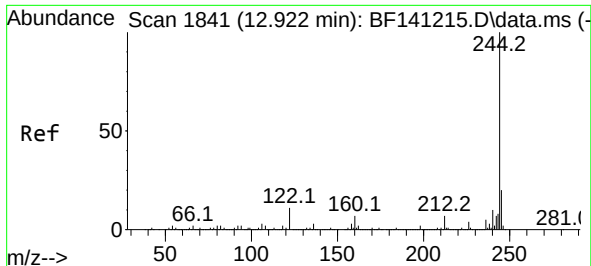
01/31/2025



#78
Pyrene
Concen: 42.007 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

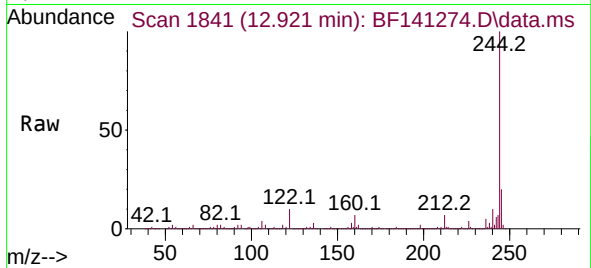
Tgt Ion:202 Resp: 1314460
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 80.189 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MS



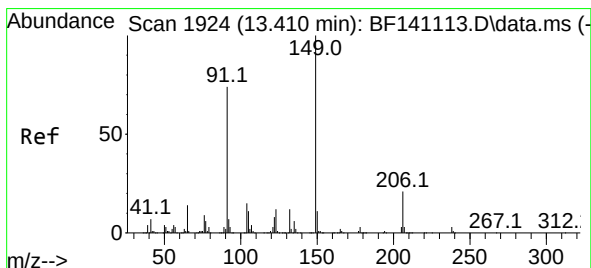
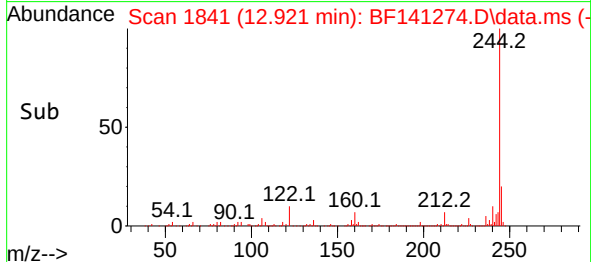
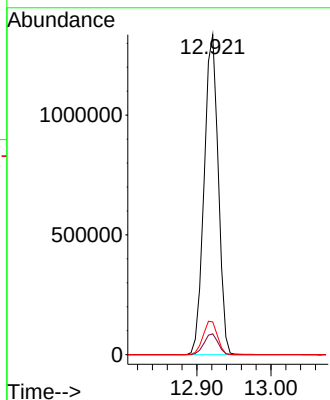
Tgt Ion:244 Resp: 176755
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.3 8.8 13.2

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Reviewed By :Jagrut
 Upadhyay

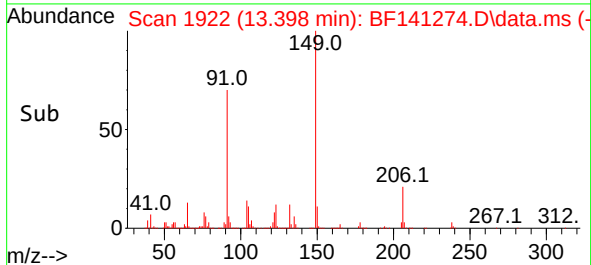
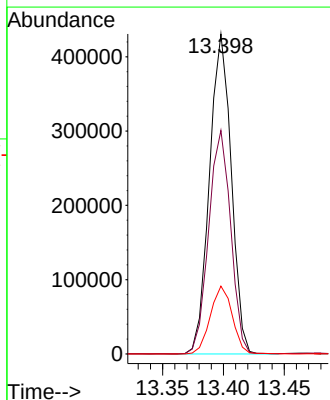
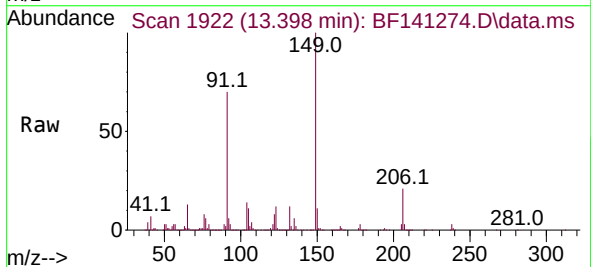
01/28/2025
 Supervised By :mohammad
 ahmed

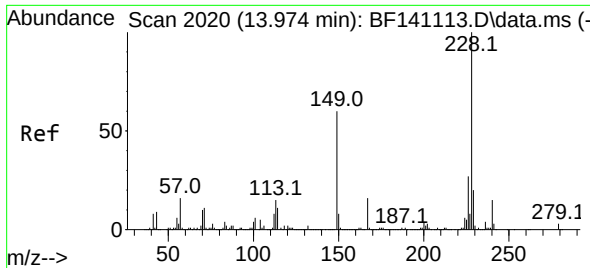
01/31/2025



#80
 Butylbenzylphthalate
 Concen: 51.405 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

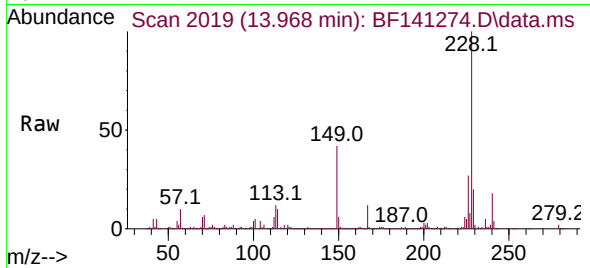
Tgt Ion:149 Resp: 536294
 Ion Ratio Lower Upper
 149 100
 91 69.9 59.0 88.6
 206 21.2 16.5 24.7





#81
Benzo(a)anthracene
Concen: 52.687 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



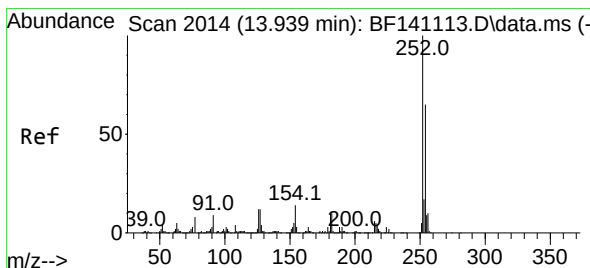
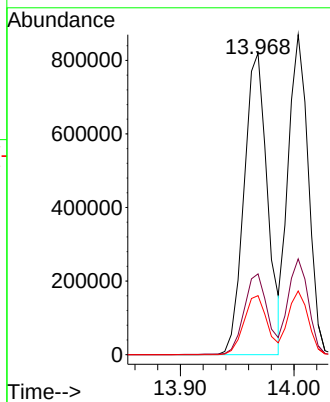
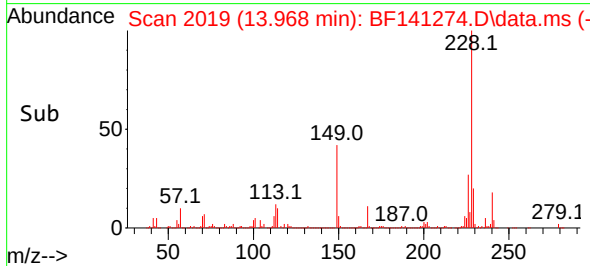
Tgt Ion:228 Resp: 1174724
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.6 15.7 23.5

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Upadhyay

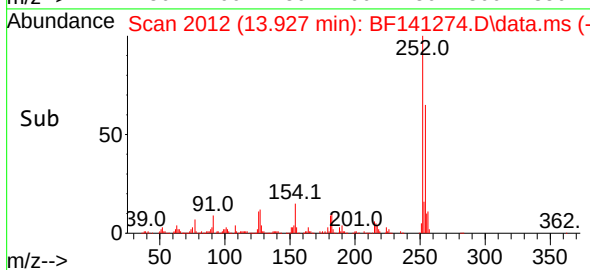
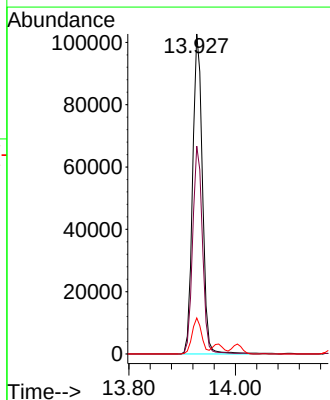
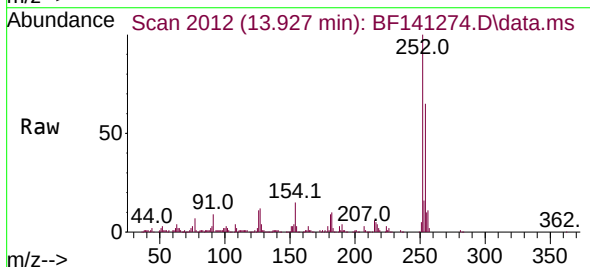
01/28/2025
Supervised By :mohammad
ahmed

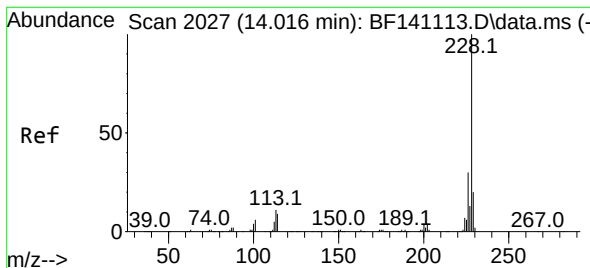
01/31/2025



#82
3,3'-Dichlorobenzidine
Concen: 18.593 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:252 Resp: 131998
Ion Ratio Lower Upper
252 100
254 65.0 52.0 78.0
126 11.2 9.4 14.0





#83

Chrysene

Concen: 51.343 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF141274.D

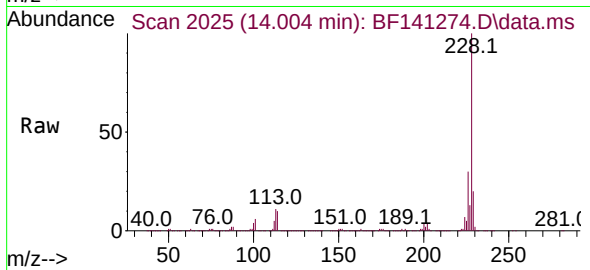
Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS



Tgt Ion:228 Resp: 107114

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.9 15.8 23.8

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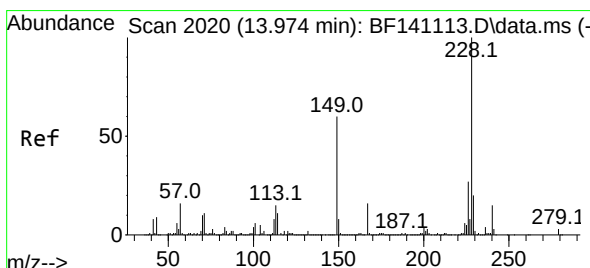
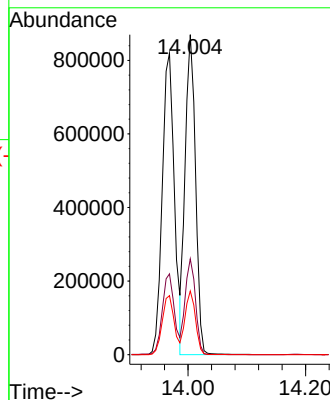
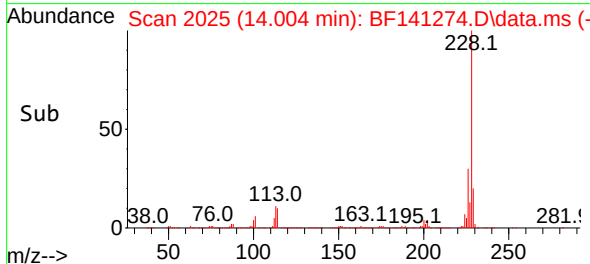
Reviewed By :Jagrut

Upadhyay

01/28/2025

Supervised By :mohammad
ahmed

01/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.610 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

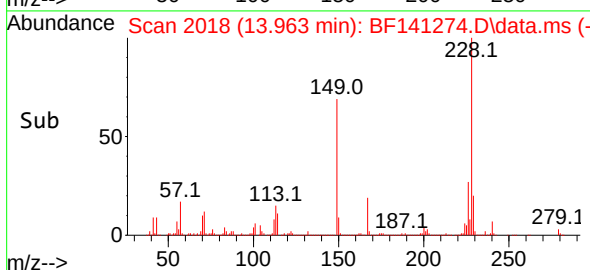
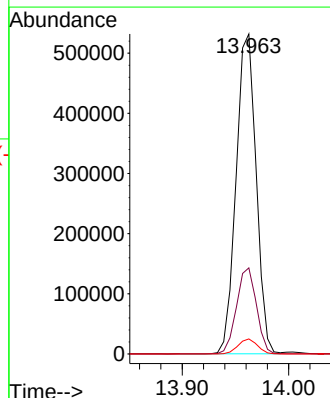
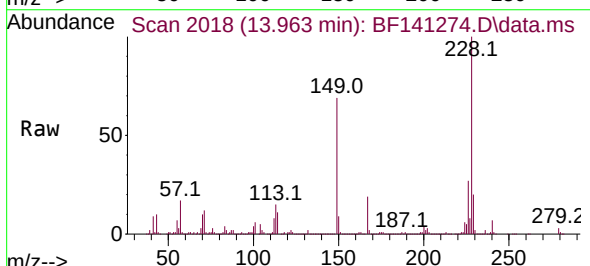
Tgt Ion:149 Resp: 696119

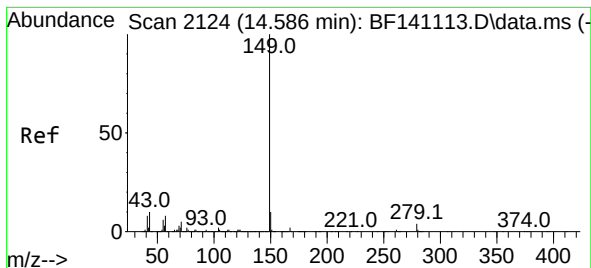
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.2

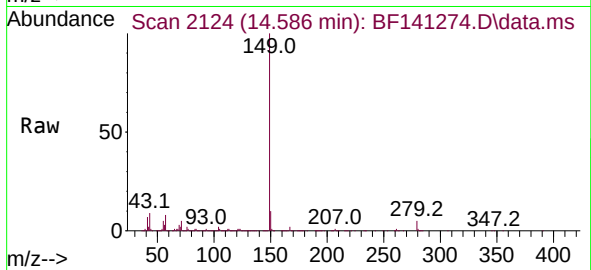
279 4.7 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 66.096 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



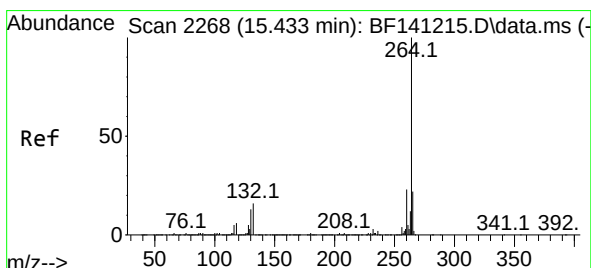
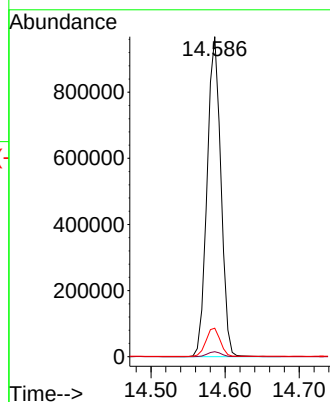
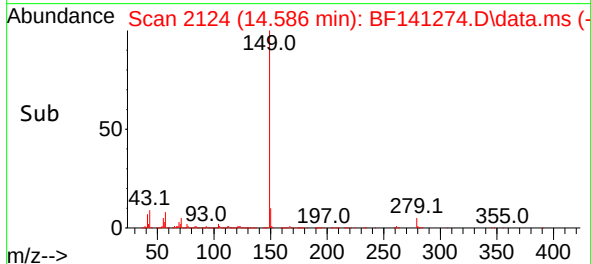
Tgt Ion:149 Resp: 124941
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.0 8.4 12.6

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Reviewed By :Jagrut
Upadhyay

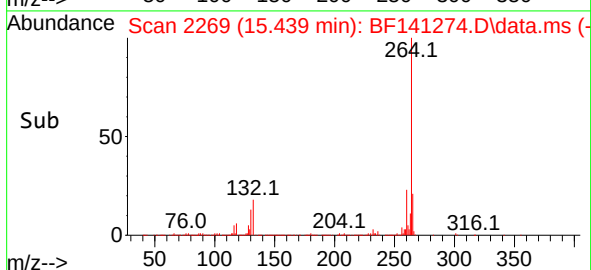
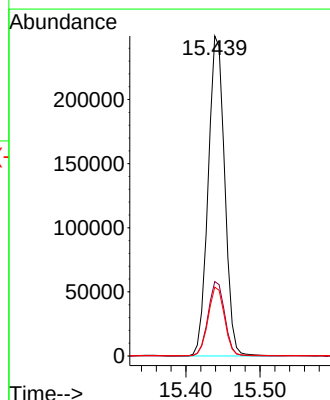
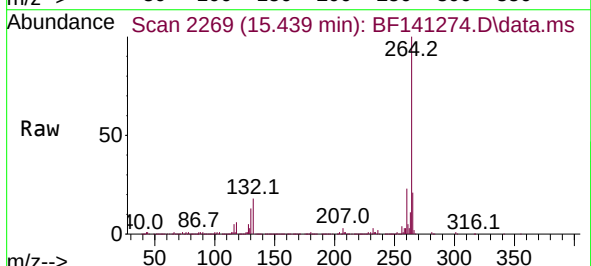
01/28/2025
Supervised By :mohammad
ahmed

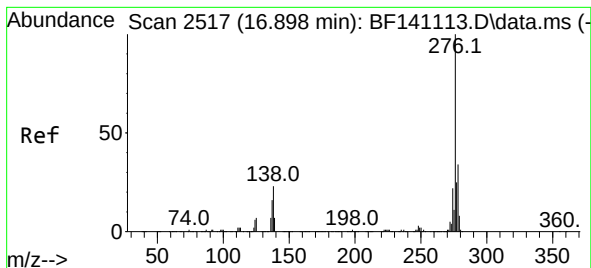
01/31/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:264 Resp: 386172
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.706 ng

RT: 16.904 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

Tgt Ion:276 Resp: 1519450

Ion Ratio Lower Upper

276 100

138 24.5 20.7 31.1

277 25.5 20.6 30.8

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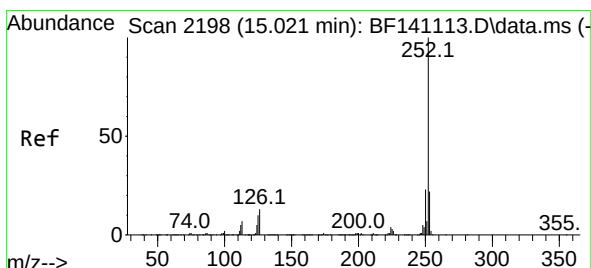
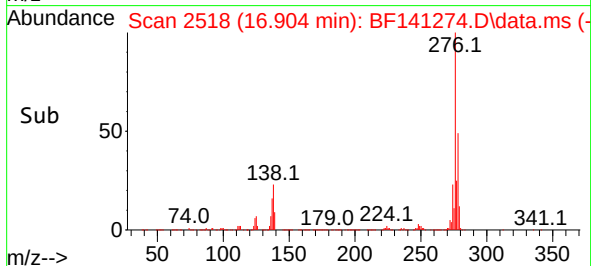
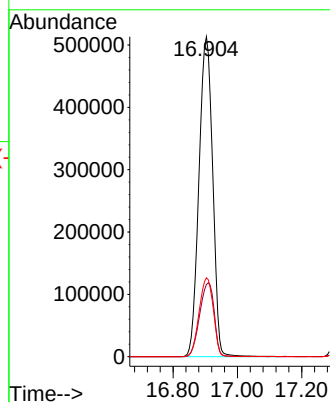
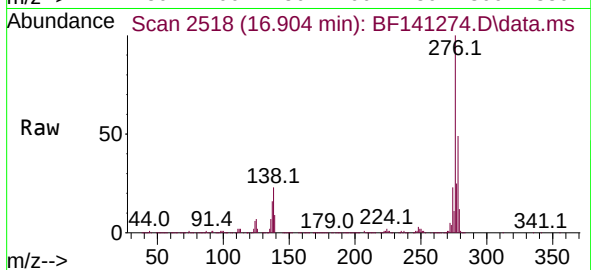
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Reviewed By :Jagrut
Upadhyay

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Supervised By :mohammad
ahmed

01/31/2025



#88

Benzo(b)fluoranthene

Concen: 55.068 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

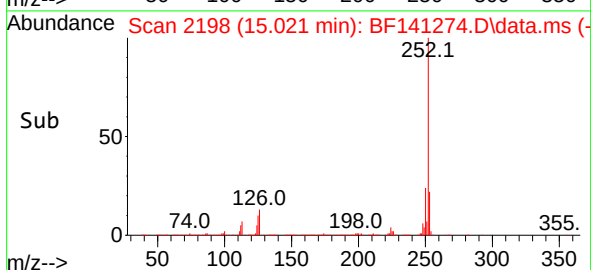
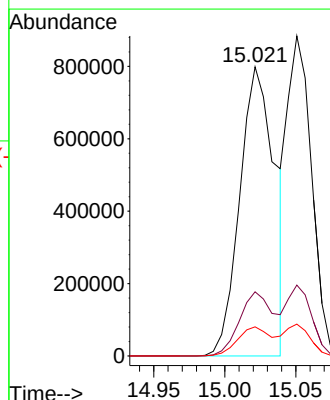
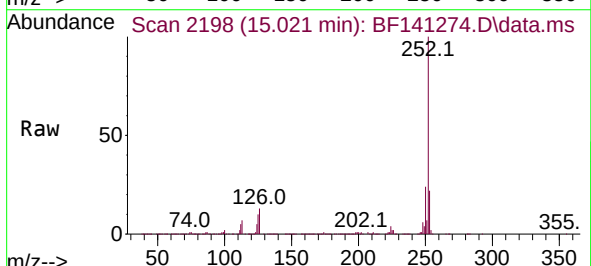
Tgt Ion:252 Resp: 1371280

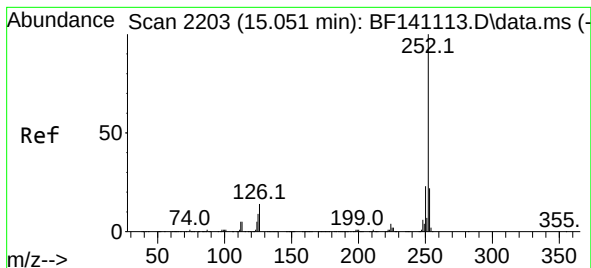
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 50.443 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

Tgt Ion:252 Resp: 106152

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.9 7.9 11.9

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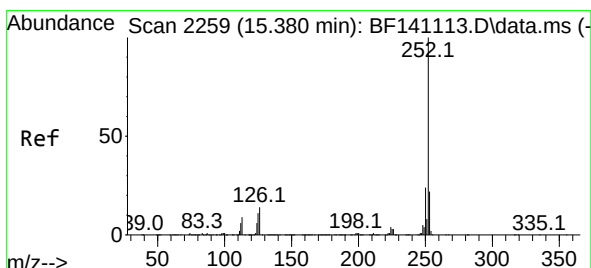
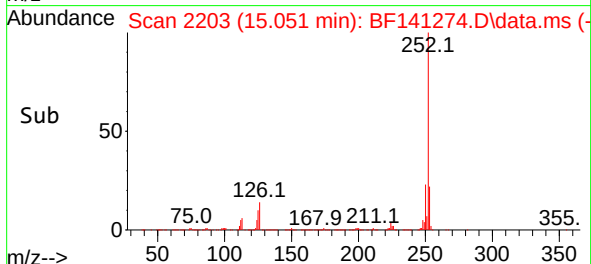
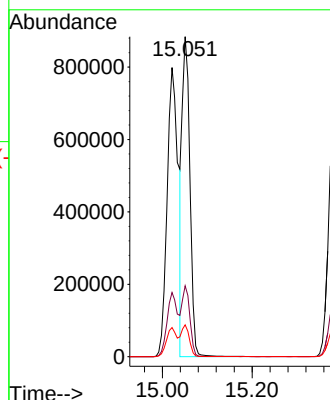
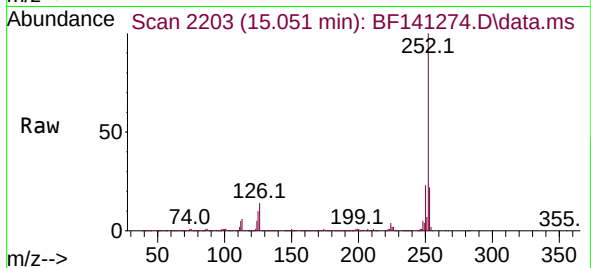
Reviewed By :Jagrut

Upadhyay

01/28/2025

Supervised By :mohammad
ahmed

01/31/2025



#90

Benzo(a)pyrene

Concen: 57.588 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

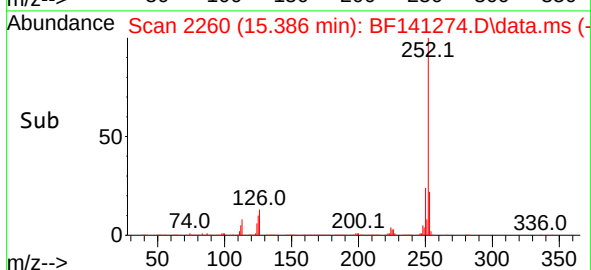
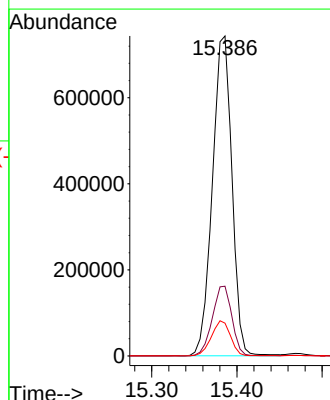
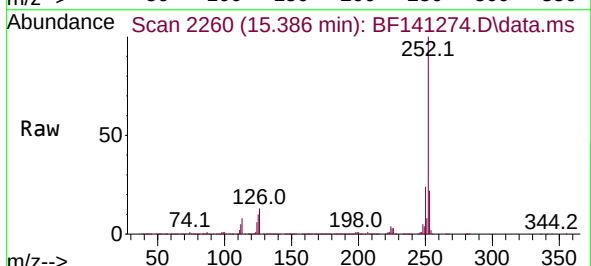
Tgt Ion:252 Resp: 1183160

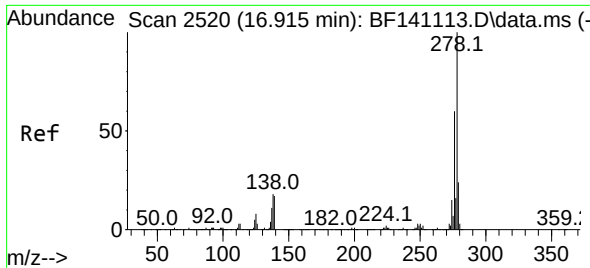
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

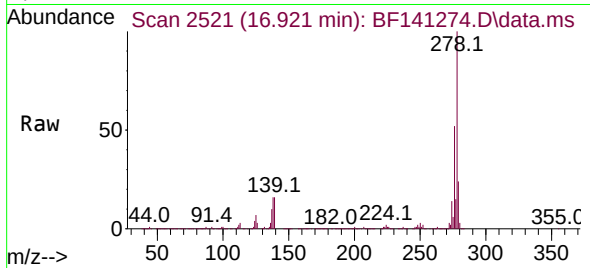
125 10.3 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 53.703 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



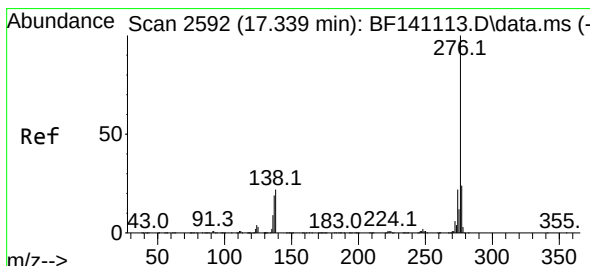
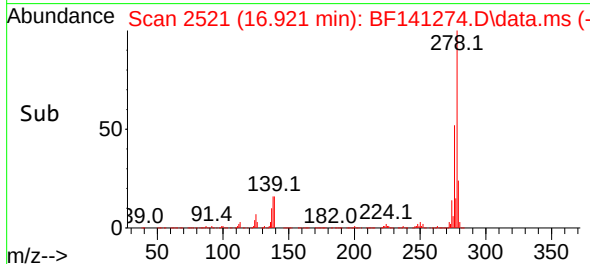
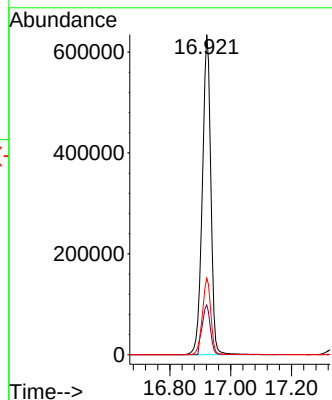
Tgt Ion:278 Resp: 122887
Ion Ratio Lower Upper
278 100
139 15.5 13.8 20.6
279 23.9 19.1 28.7

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Reviewed By :Jagrut
Upadhyay

01/28/2025
Supervised By :mohammad
ahmed

01/31/2025



#92
Benzo(g,h,i)perylene
Concen: 48.887 ng
RT: 17.339 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:276 Resp: 1163595
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 21.2 17.4 26.2

