

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141149.D
 Acq On : 14 Jan 2025 16:53
 Operator : RC/JU
 Sample : Q1074-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HACKENSACK-DGAMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

01/14/2025
 Supervised By :mohammad
 ahmed

Quant Time: Jan 14 17:14:45 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	6.822	152	164286	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	639443	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	349947	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	587187	20.000	ng	0.00
76) Chrysene-d12	13.992	240	398217	20.000	ng	0.00
86) Perylene-d12	15.451	264	339803	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1382773	130.024	ng	0.02
7) Phenol-d6	6.451	99	1657119	123.012	ng	0.00
23) Nitrobenzene-d5	7.387	82	1233467	102.252	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	659699	165.445	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2305870	100.620	ng	0.00
79) Terphenyl-d14	12.933	244	2628772	98.116	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.805	88	190309m	40.185	ng
3) Pyridine	3.487	79	469156	40.398	ng
4) n-Nitrosodimethylamine	3.422	42	260583	45.890	ng
6) Aniline	6.487	93	227487	19.020	ng
8) 2-Chlorophenol	6.604	128	576843	50.557	ng
9) Benzaldehyde	6.369	77	55050	6.938	ng
10) Phenol	6.463	94	602644	41.791	ng
11) bis(2-Chloroethyl)ether	6.557	93	521334	48.511	ng
12) 1,3-Dichlorobenzene	6.763	146	559859	43.995	ng
13) 1,4-Dichlorobenzene	6.840	146	569878	44.440	ng
14) 1,2-Dichlorobenzene	6.987	146	547830	45.798	ng
15) Benzyl Alcohol	6.963	79	483819	49.732	ng
16) 2,2'-oxybis(1-Chloropr...	7.093	45	710828	47.399	ng
17) 2-Methylphenol	7.075	107	488800	53.064	ng
18) Hexachloroethane	7.334	117	209784	45.238	ng
19) n-Nitroso-di-n-propyla...	7.240	70	402975	50.782	ng
20) 3+4-Methylphenols	7.228	107	563439	48.483	ng
22) Acetophenone	7.228	105	764269	50.277	ng
24) Nitrobenzene	7.404	77	595463	47.363	ng
25) Isophorone	7.645	82	1106388	53.669	ng
26) 2-Nitrophenol	7.716	139	300789	52.595	ng
27) 2,4-Dimethylphenol	7.751	122	482335	62.527	ng
28) bis(2-Chloroethoxy)met...	7.851	93	671344	51.891	ng
29) 2,4-Dichlorophenol	7.957	162	492072	53.710	ng
30) 1,2,4-Trichlorobenzene	8.040	180	501709	47.909	ng
31) Naphthalene	8.122	128	1653416	49.031	ng
32) Benzoic acid	7.875	122	365682	49.418	ng
33) 4-Chloroaniline	8.169	127	127250	10.911	ng
34) Hexachlorobutadiene	8.240	225	310160	49.153	ng
35) Caprolactam	8.545	113	138139m	46.055	ng
36) 4-Chloro-3-methylphenol	8.657	107	538294	53.724	ng
37) 2-Methylnaphthalene	8.816	142	1118128	52.034	ng
38) 1-Methylnaphthalene	8.916	142	1033918	48.821	ng
40) 1,2,4,5-Tetrachloroben...	8.981	216	509182	50.694	ng
41) Hexachlorocyclopentadiene	8.969	237	592041	180.165	ng
43) 2,4,6-Trichlorophenol	9.092	196	381484	56.314	ng

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

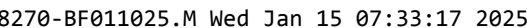
44) 2,4,5-Trichlorophenol	9.140	196	361696	50.556	ng	99
46) 1,1'-Biphenyl	9.281	154	1383068	50.891	ng	99
47) 2-Chloronaphthalene	9.304	162	1046898	49.458	ng	100
48) 2-Nitroaniline	9.398	65	332351	52.967	ng	99
49) Acenaphthylene	9.722	152	1637108	54.134	ng	99
50) Dimethylphthalate	9.587	163	1281639	54.553	ng	100
51) 2,6-Dinitrotoluene	9.645	165	284247	52.029	ng	98
52) Acenaphthene	9.892	154	1199555	56.774	ng	100
53) 3-Nitroaniline	9.810	138	97830	17.621	ng	100
54) 2,4-Dinitrophenol	9.916	184	269744	103.875	ng	96
55) Dibenzofuran	10.069	168	1488310	51.787	ng	99
56) 4-Nitrophenol	9.975	139	444764	102.291	ng	95
57) 2,4-Dinitrotoluene	10.051	165	387205	54.995	ng	97
58) Fluorene	10.410	166	1132818	50.737	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	330279	55.539	ng	98
60) Diethylphthalate	10.286	149	1225660	53.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	561523	51.601	ng	99
62) 4-Nitroaniline	10.428	138	269496	49.596	ng	94
63) Azobenzene	10.563	77	1181835	52.222	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	194844	57.264	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1029339	54.349	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	376295	55.663	ng	99
68) Hexachlorobenzene	10.957	284	411638	54.699	ng	99
69) Atrazine	11.051	200	360917	70.774	ng	100
70) Pentachlorophenol	11.151	266	516940	107.264	ng	99
71) Phenanthrene	11.369	178	1715559	54.420	ng	100
72) Anthracene	11.422	178	1728141	56.378	ng	99
73) Carbazole	11.575	167	1538511	54.739	ng	100
74) Di-n-butylphthalate	11.910	149	1840254	57.212	ng	100
75) Fluoranthene	12.557	202	1776963	56.487	ng	99
77) Benzidine	12.680	184	235010	31.824	ng	98
78) Pyrene	12.786	202	1790916	47.086	ng	100
80) Butylbenzylphthalate	13.410	149	714355	56.332	ng	99
81) Benzo(a)anthracene	13.980	228	1432425	52.855	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	168857	19.568	ng	100
83) Chrysene	14.016	228	1292775	50.981	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	888789	58.413	ng	99
85) Di-n-octyl phthalate	14.592	149	1384531	60.259	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1296299	52.071	ng	98
88) Benzo(b)fluoranthene	15.027	252	1295519	59.125	ng	100
89) Benzo(k)fluoranthene	15.057	252	1048080	56.600	ng	99
90) Benzo(a)pyrene	15.392	252	1069136	59.139	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1044407	51.870	ng	98
92) Benzo(g,h,i)perylene	17.351	276	969401	46.286	ng	98

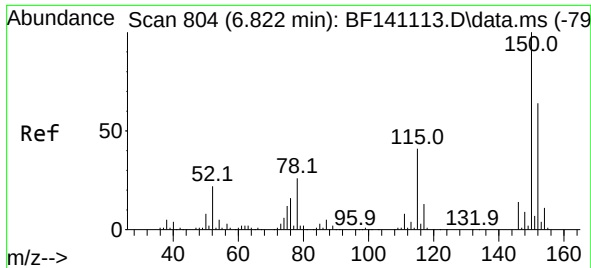
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Manual Integrations

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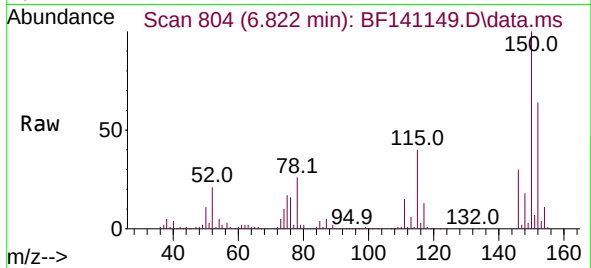
01/14/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 804
 Delta R.T. 0.000 min
 Lab File: BF141149.D
 Acq: 14 Jan 2025 16:53

Instrument :
 BNA_F
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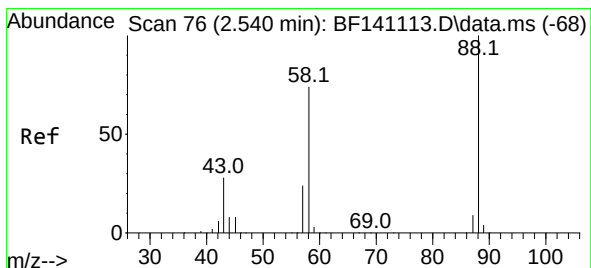
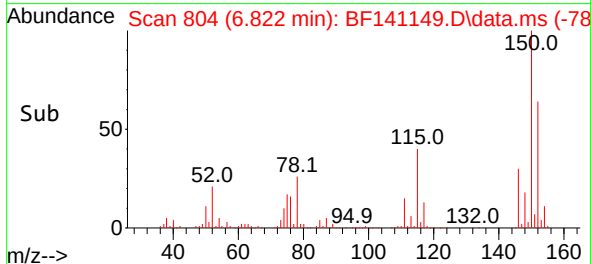
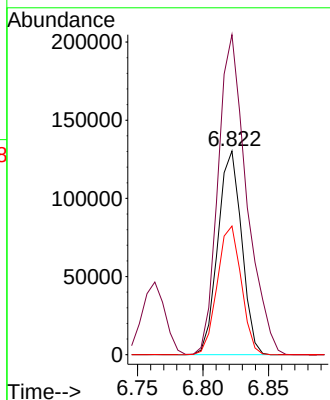
Tgt Ion:152 Resp: 164280
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.8 188.8
 115 63.1 51.4 77.2

Manual Integrations
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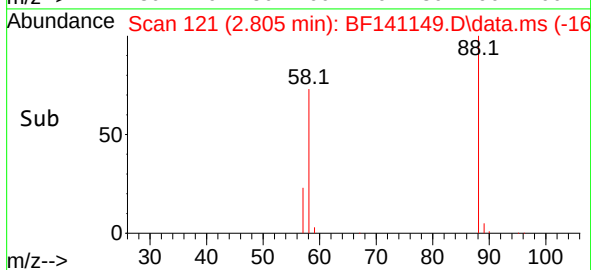
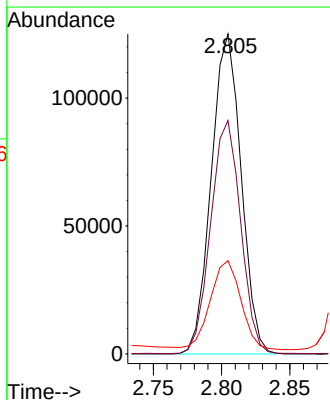
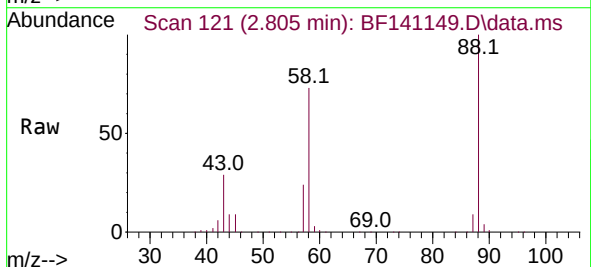
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 Supervised By :mohammad
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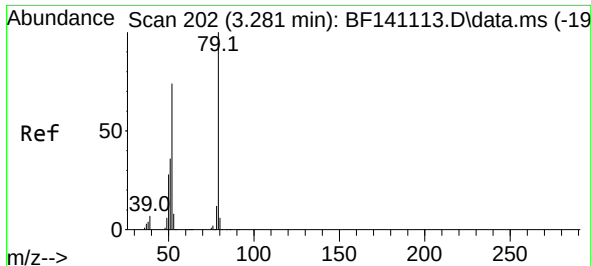
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#2
 1,4-Dioxane
 Concen: 40.185 ng m
 RT: 2.805 min Scan# 121
 Delta R.T. 0.265 min
 Lab File: BF141149.D
 Acq: 14 Jan 2025 16:53

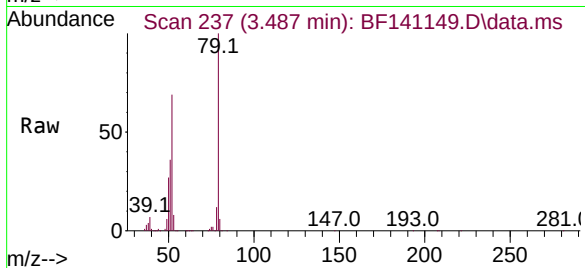
Tgt Ion: 88 Resp: 190309
 Ion Ratio Lower Upper
 88 100
 58 69.4 60.1 90.1
 43 0.0 23.1 34.7#





#3
Pyridine
Concen: 40.398 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.206 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

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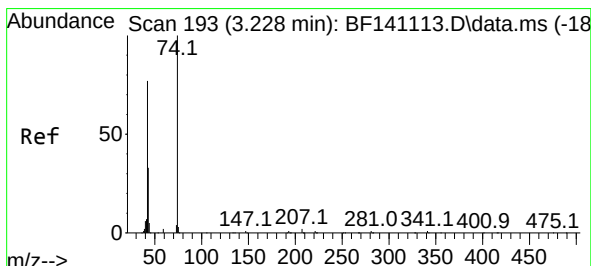
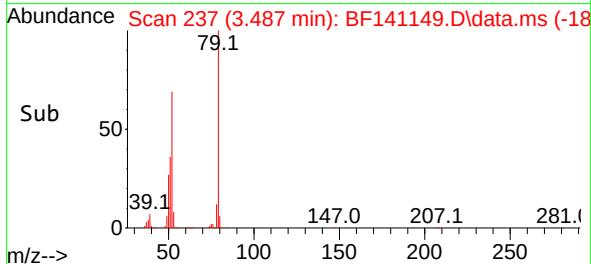
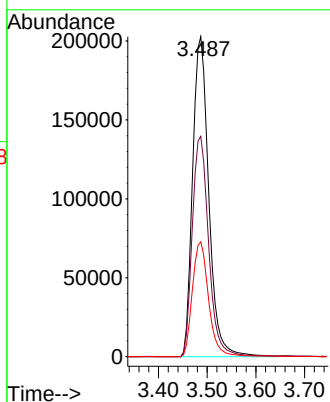
Tgt Ion: 79 Resp: 469150
Ion Ratio Lower Upper
79 100
52 68.9 58.9 88.3
51 35.9 29.1 43.7

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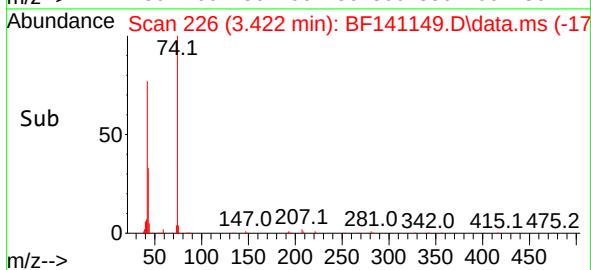
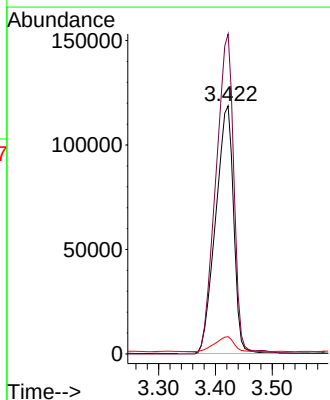
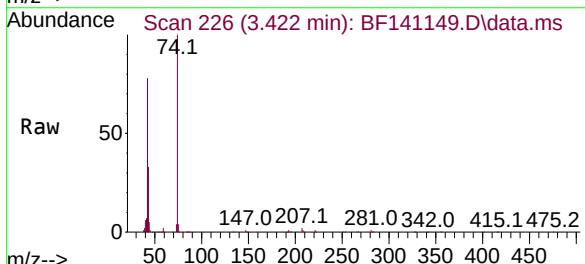
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Supervised By :mohammad
ahmed

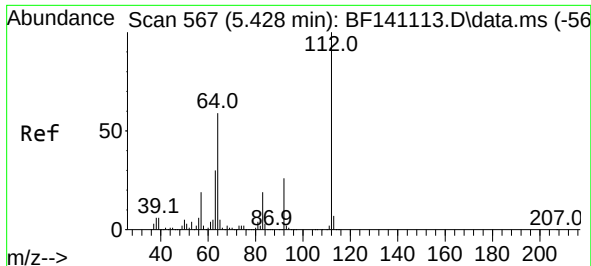
01/14/2025



#4
n-Nitrosodimethylamine
Concen: 45.890 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.194 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

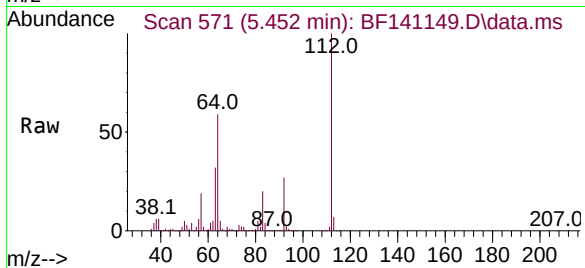
Tgt Ion: 42 Resp: 260583
Ion Ratio Lower Upper
42 100
74 128.9 103.8 155.6
44 6.9 5.3 7.9





#5
2-Fluorophenol
Concen: 130.024 ng
RT: 5.452 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



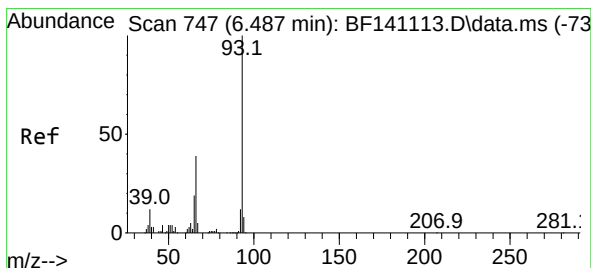
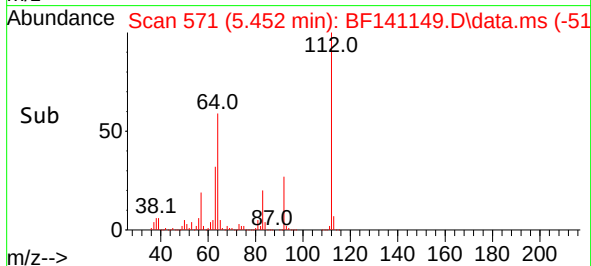
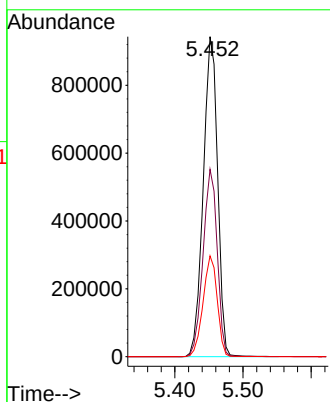
Tgt Ion:112 Resp: 138277
Ion Ratio Lower Upper
112 100
64 58.6 47.3 70.9
63 31.5 24.2 36.2

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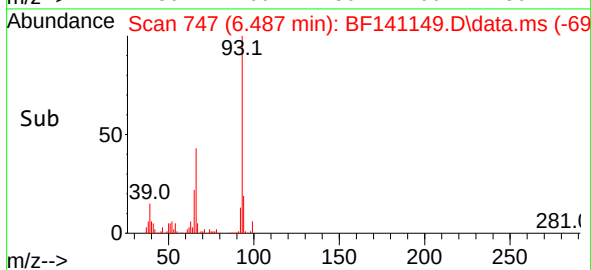
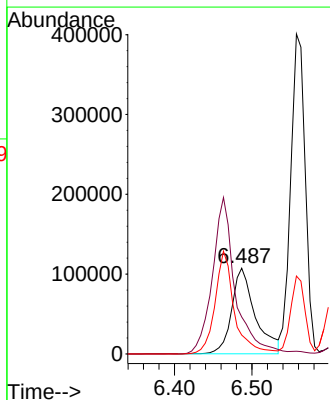
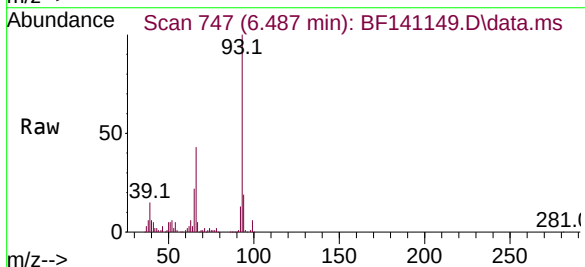
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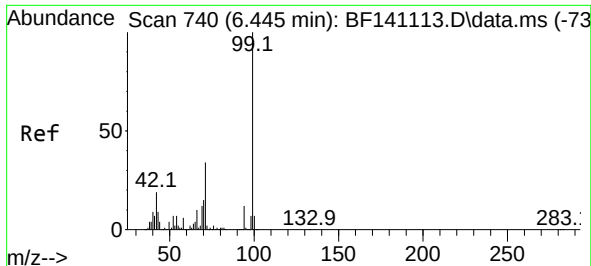
01/14/2025



#6
Aniline
Concen: 19.020 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

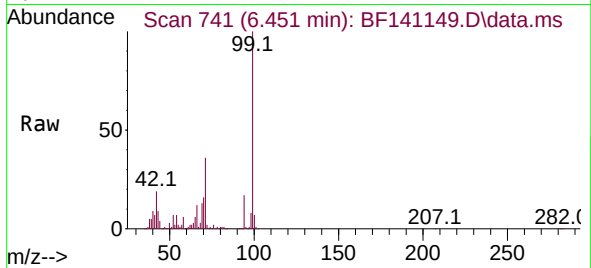
Tgt Ion: 93 Resp: 227487
Ion Ratio Lower Upper
93 100
66 43.1 31.5 47.3
65 22.0 15.3 22.9





#7
Phenol-d6
Concen: 123.012 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
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ClientSampleId :
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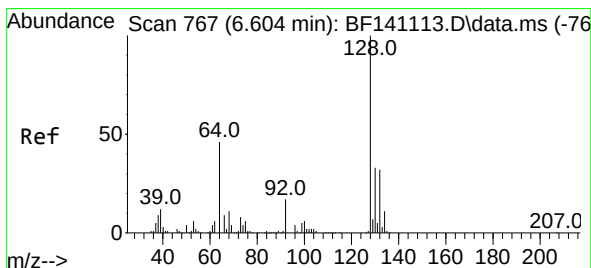
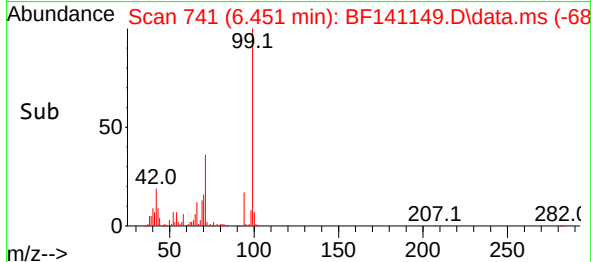
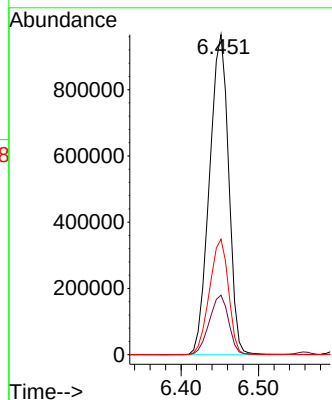
Tgt Ion: 99 Resp: 1657119
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.1 27.6 41.4

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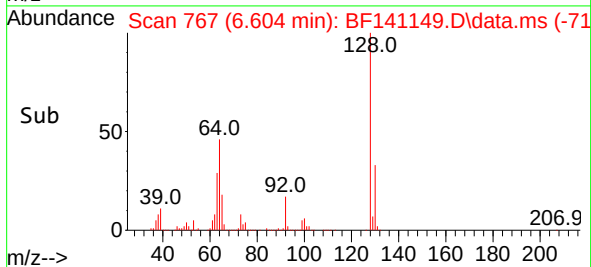
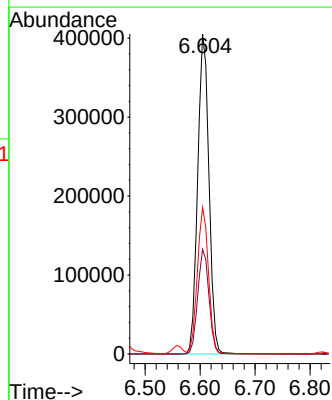
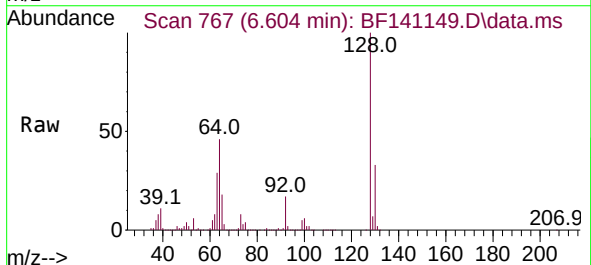
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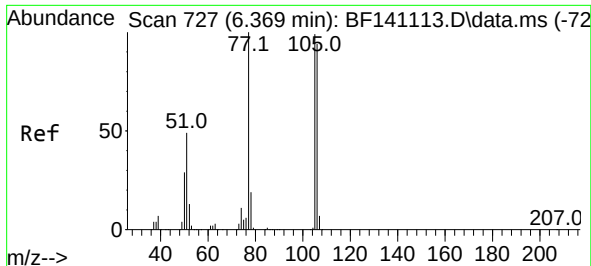
01/14/2025



#8
2-Chlorophenol
Concen: 50.557 ng
RT: 6.604 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

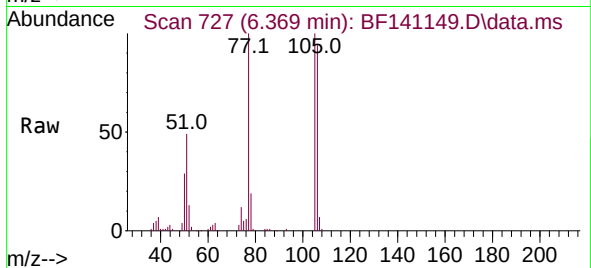
Tgt Ion:128 Resp: 576843
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 45.9 28.3 68.3





#9
Benzaldehyde
Concen: 6.938 ng
RT: 6.369 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



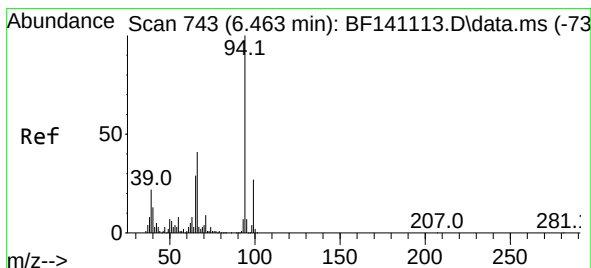
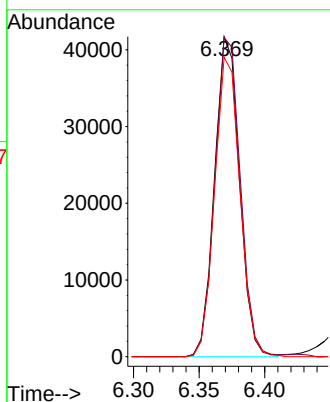
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Ion Ratio Lower Upper
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105 99.7 78.9 118.9
106 93.6 73.6 113.6

Manual Integrations
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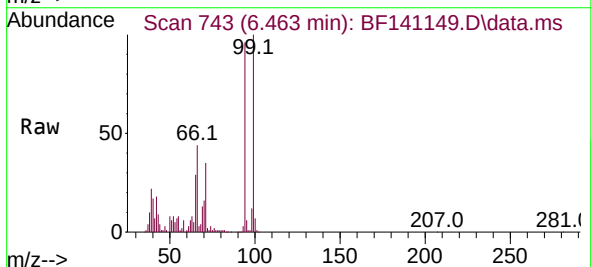
Reviewed By :Yogesh
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Supervised By :mohammad
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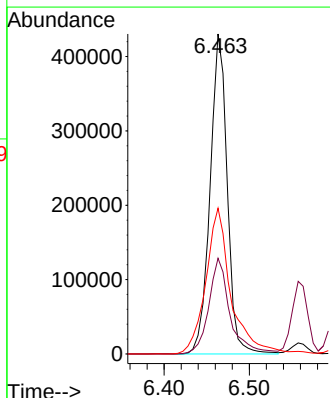
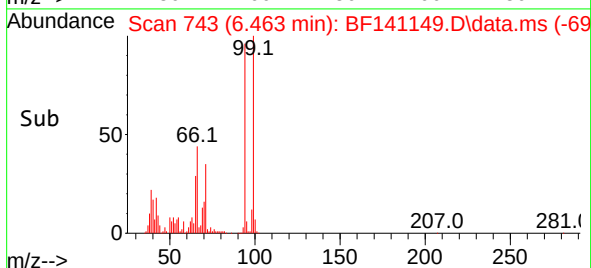
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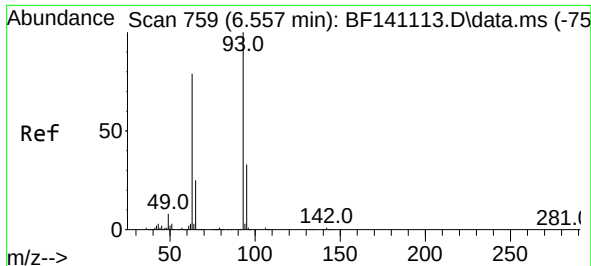


#10
Phenol
Concen: 41.791 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53



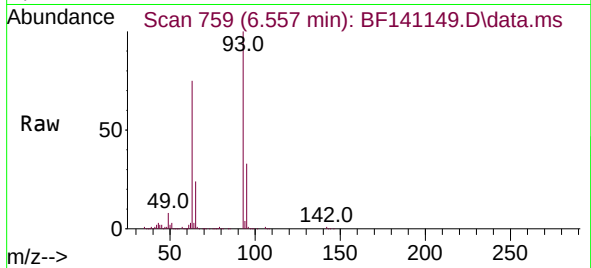
Tgt Ion: 94 Resp: 602644
Ion Ratio Lower Upper
94 100
65 29.9 8.9 48.9
66 45.5 21.2 61.2





#11
bis(2-Chloroethyl)ether
Concen: 48.511 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



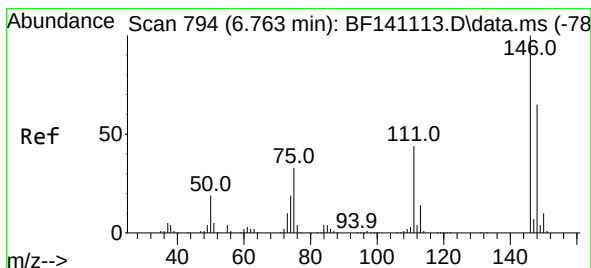
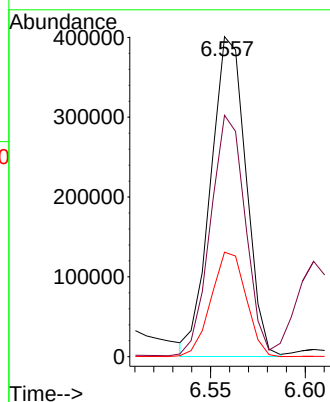
Tgt Ion: 93 Resp: 521334
Ion Ratio Lower Upper
93 100
63 75.5 58.0 98.0
95 32.6 12.5 52.5

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Reviewed By :Yogesh
Patel

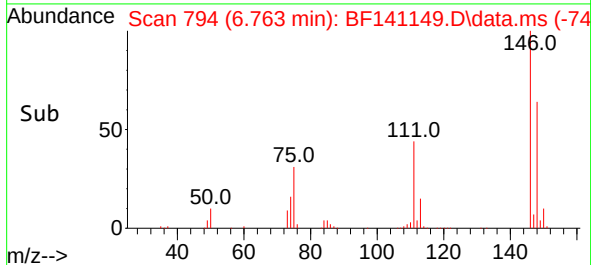
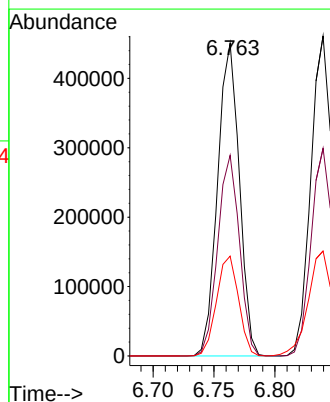
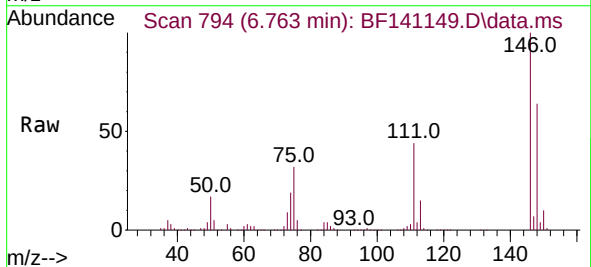
01/14/2025
Supervised By :mohammad
ahmed

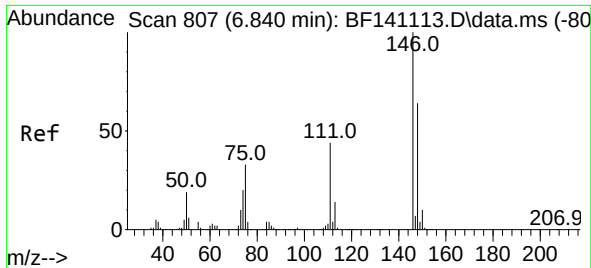
01/14/2025



#12
1,3-Dichlorobenzene
Concen: 43.995 ng
RT: 6.763 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

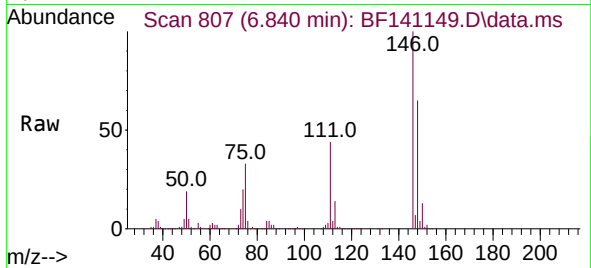
Tgt Ion:146 Resp: 559859
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 31.9 26.2 39.2





#13
1,4-Dichlorobenzene
Concen: 44.440 ng
RT: 6.840 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



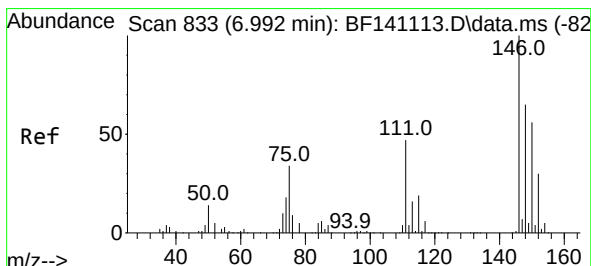
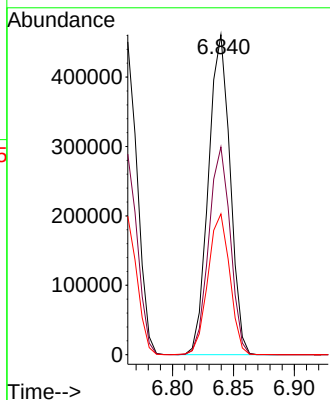
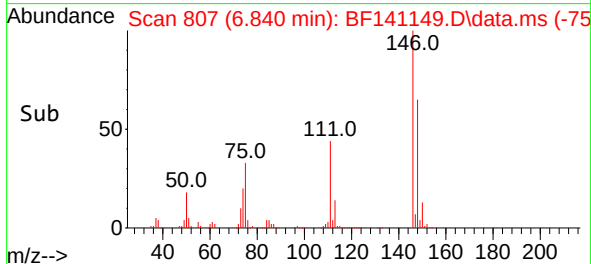
Tgt Ion:146 Resp: 569878
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 44.0 34.9 52.3

Manual Integrations
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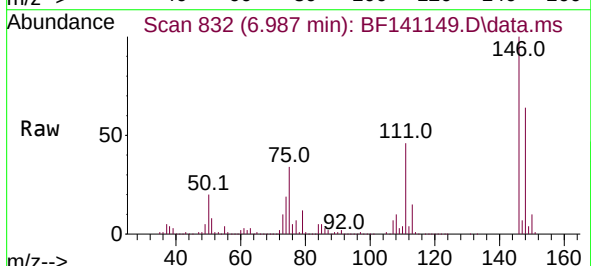
Reviewed By :Yogesh
Patel

01/14/2025
Supervised By :mohammad
ahmed

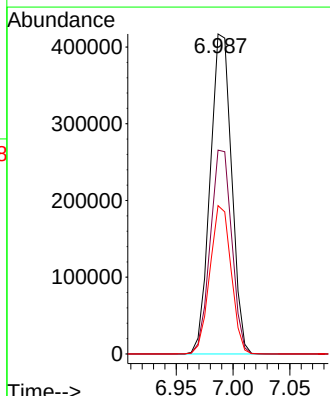
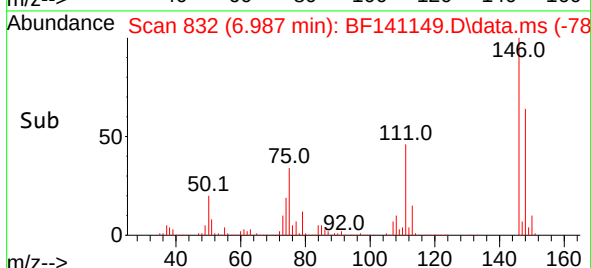
01/14/2025

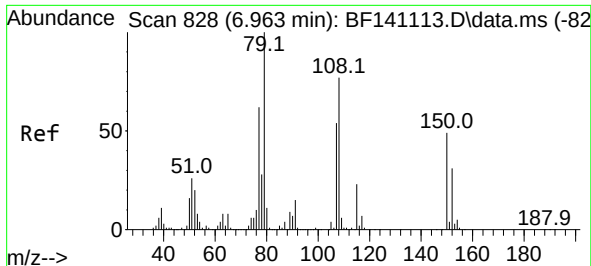


#14
1,2-Dichlorobenzene
Concen: 45.798 ng
RT: 6.987 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53



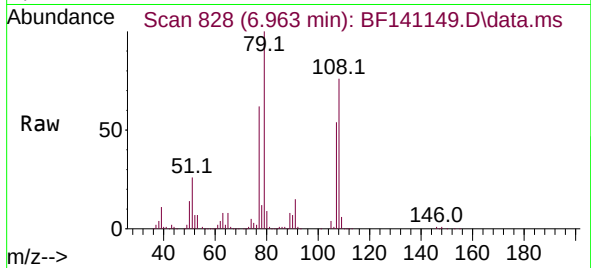
Tgt Ion:146 Resp: 547830
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 46.3 37.5 56.3





#15
Benzyl Alcohol
Concen: 49.732 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



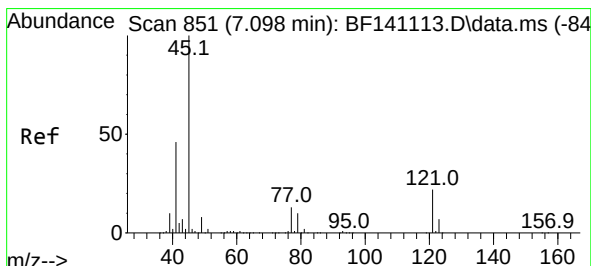
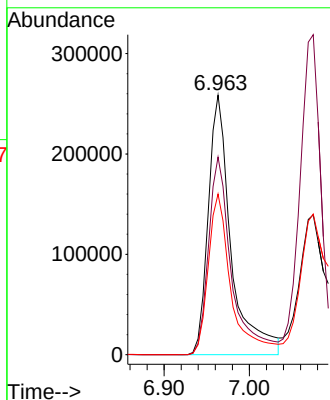
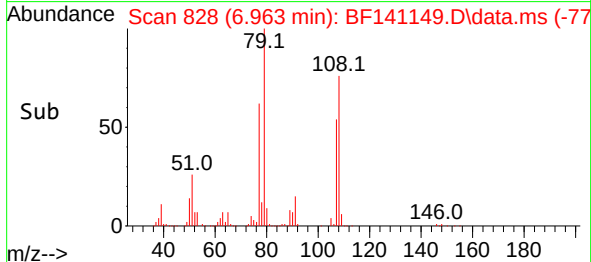
Tgt Ion: 79 Resp: 483819
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 61.9 49.8 74.6

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Reviewed By :Yogesh
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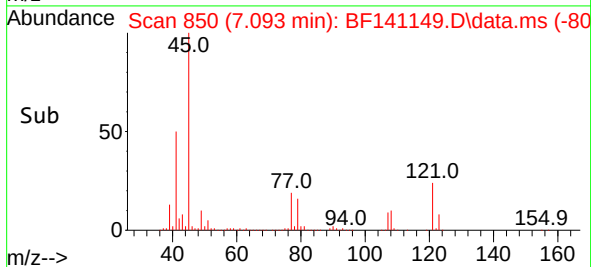
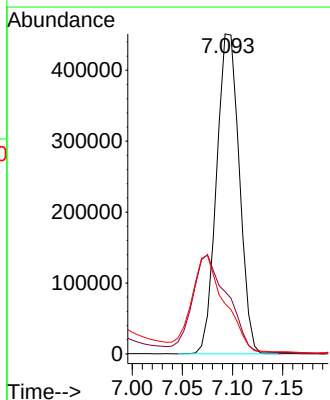
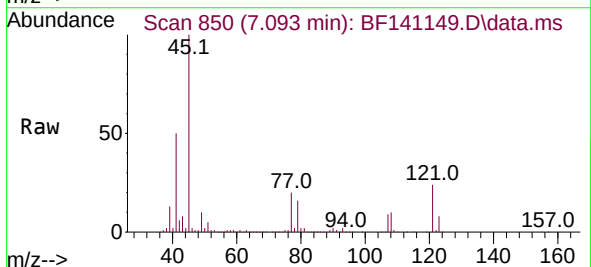
01/14/2025
Supervised By :mohammad
ahmed

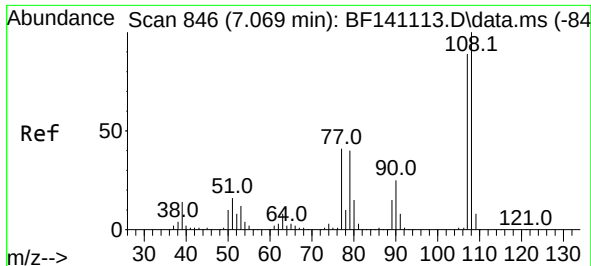
01/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.399 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

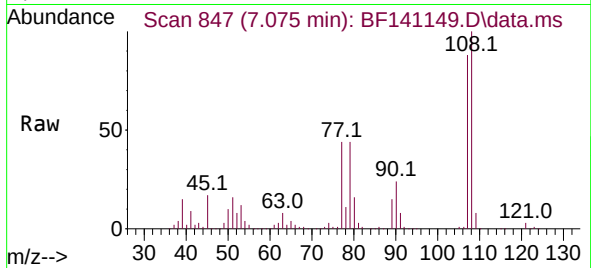
Tgt Ion: 45 Resp: 710828
Ion Ratio Lower Upper
45 100
77 19.5 0.0 34.1
79 15.7 0.0 31.0





#17
2-Methylphenol
Concen: 53.064 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



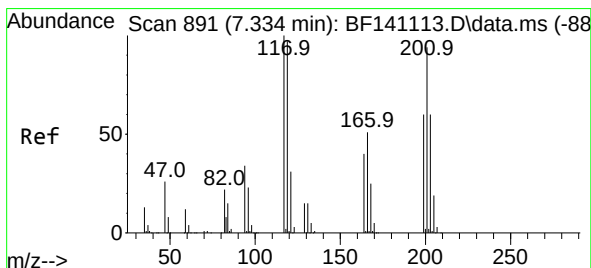
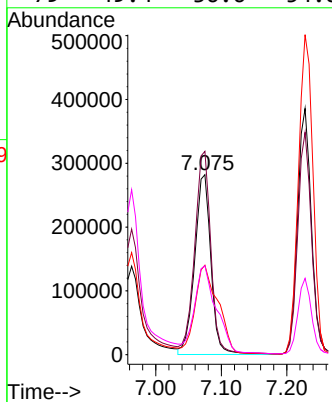
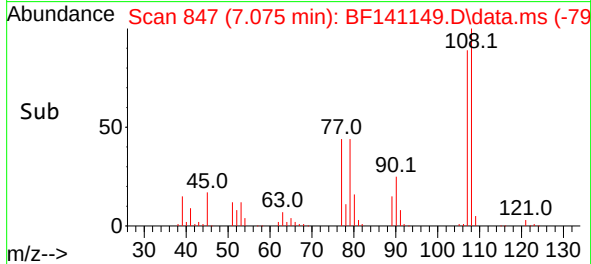
Tgt Ion:107 Resp: 488800
Ion Ratio Lower Upper
107 100
108 113.0 90.1 135.1
77 49.7 36.6 55.0
79 49.4 36.6 54.8

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Reviewed By :Yogesh
Patel

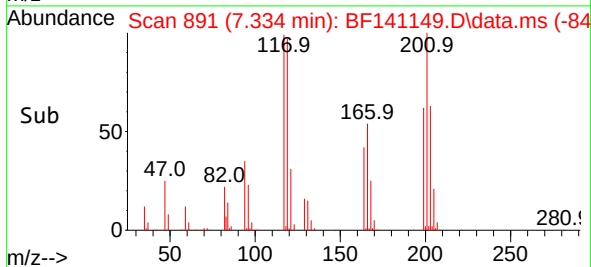
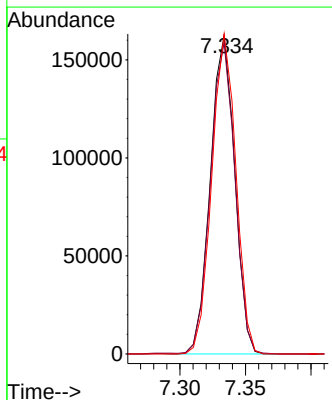
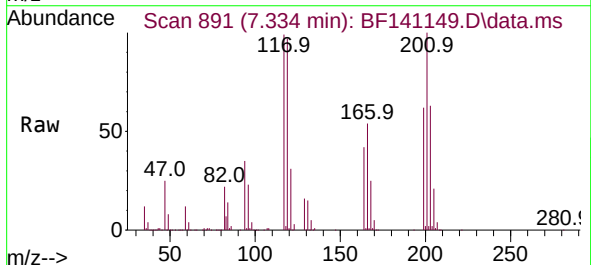
01/14/2025
Supervised By :mohammad
ahmed

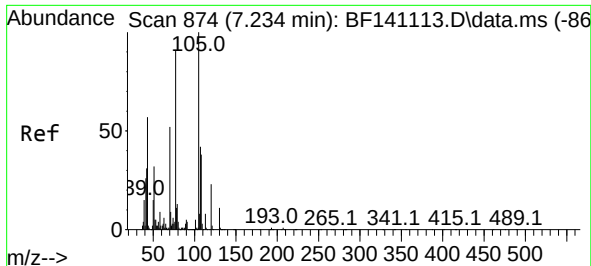
01/14/2025



#18
Hexachloroethane
Concen: 45.238 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

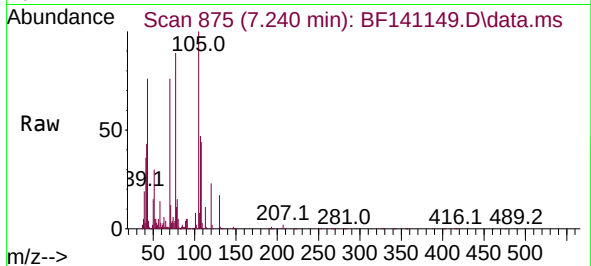
Tgt Ion:117 Resp: 209784
Ion Ratio Lower Upper
117 100
119 97.8 77.6 116.4
201 100.6 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 50.782 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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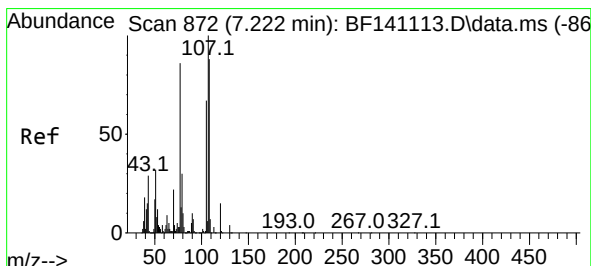
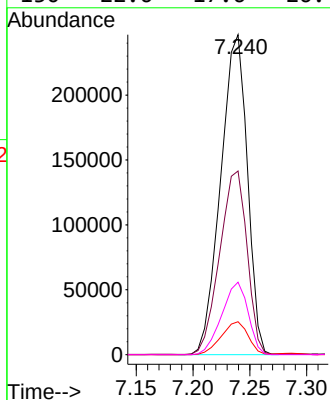
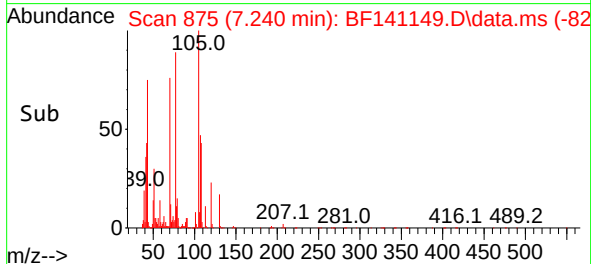
Tgt Ion: 70 Resp: 402975
Ion Ratio Lower Upper
70 100
42 57.4 47.8 71.6
101 10.3 7.9 11.9
130 22.6 17.6 26.4

Manual Integrations
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Patel

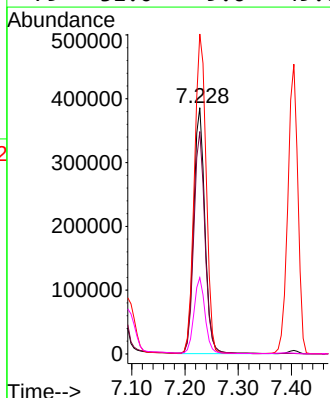
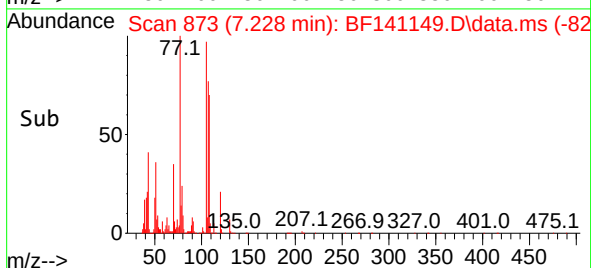
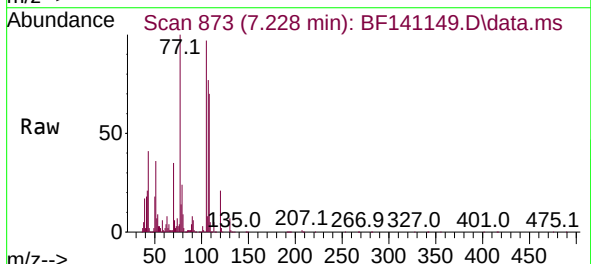
01/14/2025
Supervised By :mohammad
ahmed

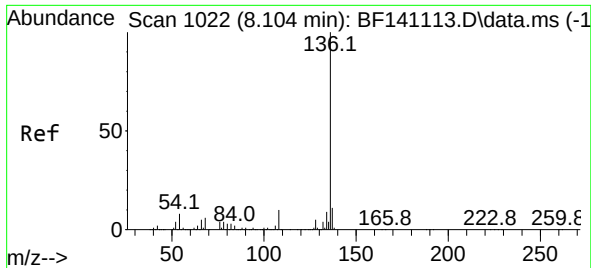
01/14/2025



#20
3+4-Methylphenols
Concen: 48.483 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

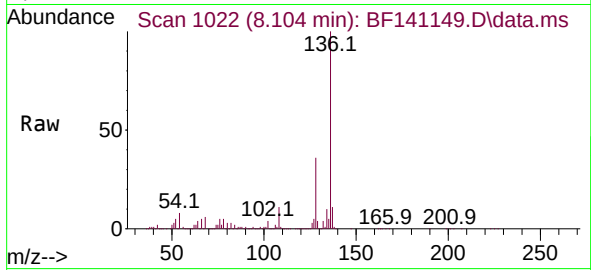
Tgt Ion:107 Resp: 563439
Ion Ratio Lower Upper
107 100
108 90.3 68.3 108.3
77 130.0 66.4 106.4#
79 31.0 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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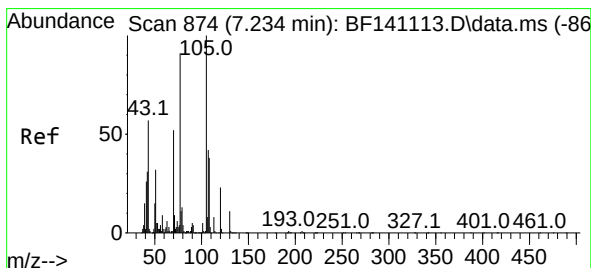
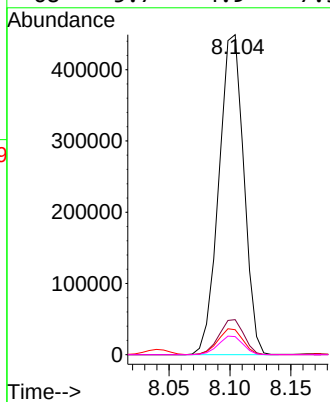
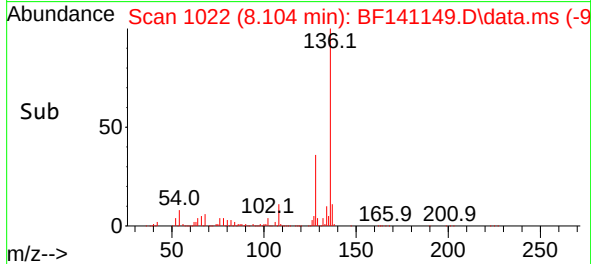
Tgt Ion:136 Resp: 63944
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.3 9.5
68 5.7 4.9 7.3

Manual Integrations
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Reviewed By :Yogesh
Patel

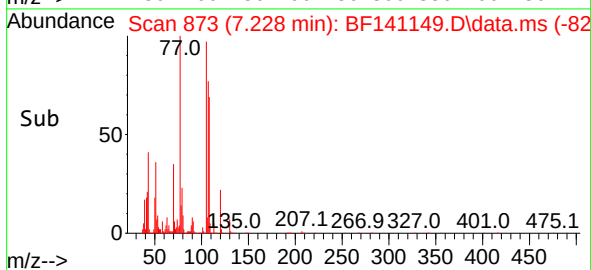
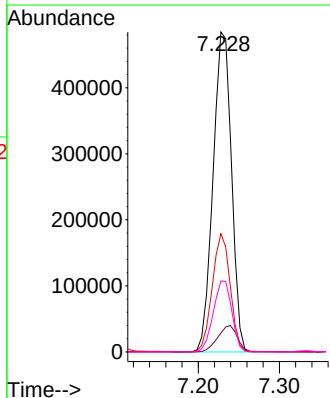
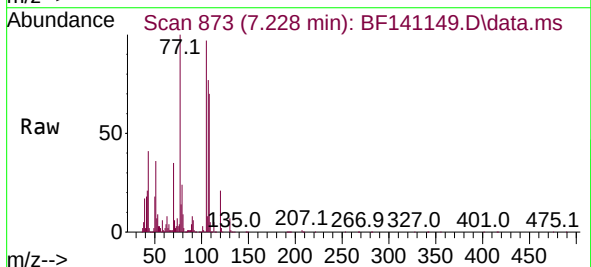
01/14/2025
Supervised By :mohammad
ahmed

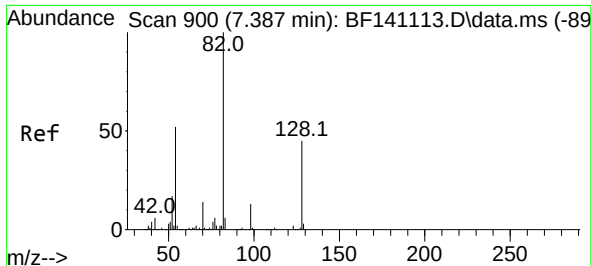
01/14/2025



#22
Acetophenone
Concen: 50.277 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Tgt Ion:105 Resp: 764269
Ion Ratio Lower Upper
105 100
71 5.9 7.1 10.7#
51 36.9 25.4 38.2
120 22.2 18.0 27.0





#23

Nitrobenzene-d5

Concen: 102.252 ng

RT: 7.387 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF141149.D

Acq: 14 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

HACKENSACK-DGAMS

Tgt Ion: 82 Resp: 123346

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

54 49.7 41.0 61.4

Manual Integrations

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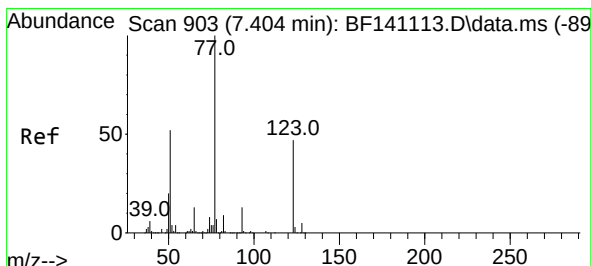
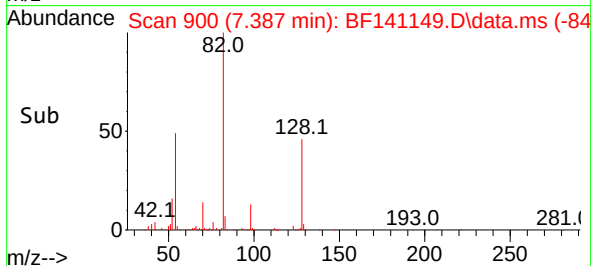
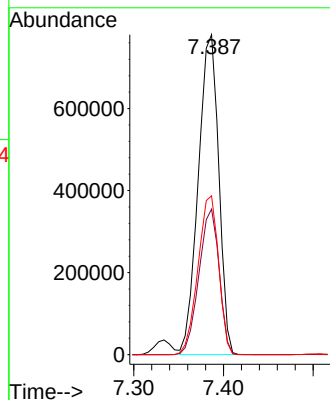
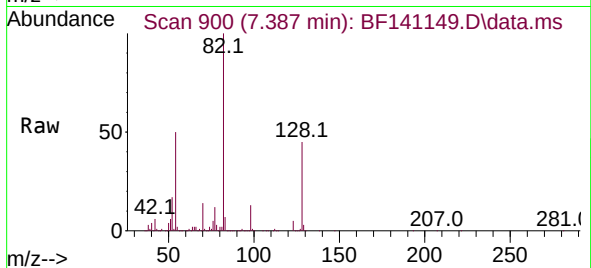
Reviewed By :Yogesh

Patel

01/14/2025

Supervised By :mohammad
ahmed

01/14/2025



#24

Nitrobenzene

Concen: 47.363 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF141149.D

Acq: 14 Jan 2025 16:53

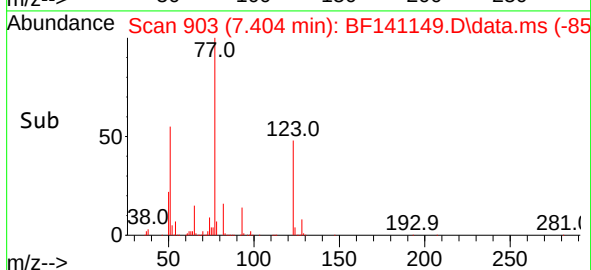
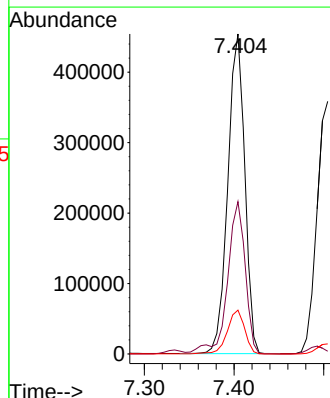
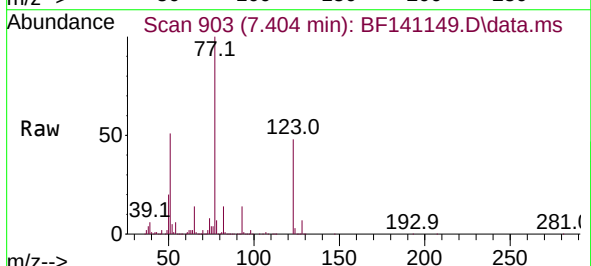
Tgt Ion: 77 Resp: 595463

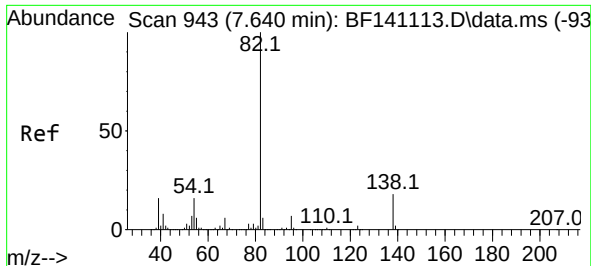
Ion Ratio Lower Upper

77 100

123 47.6 37.7 56.5

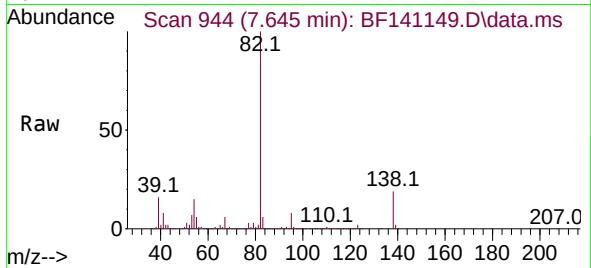
65 13.7 10.6 16.0





#25
Isophorone
Concen: 53.669 ng
RT: 7.645 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



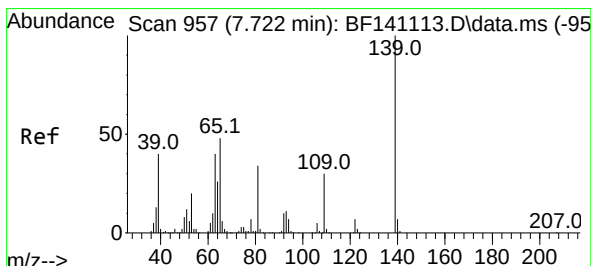
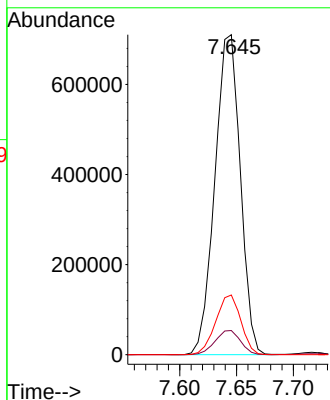
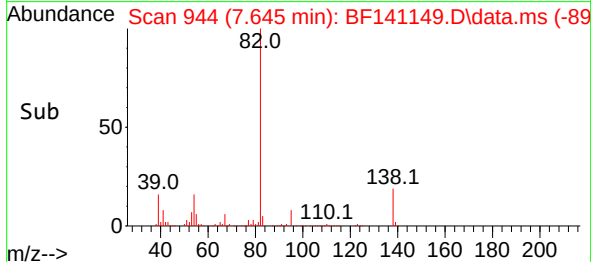
Tgt Ion: 82 Resp: 110638
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.7 14.2 21.2

Manual Integrations
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Reviewed By :Yogesh
Patel

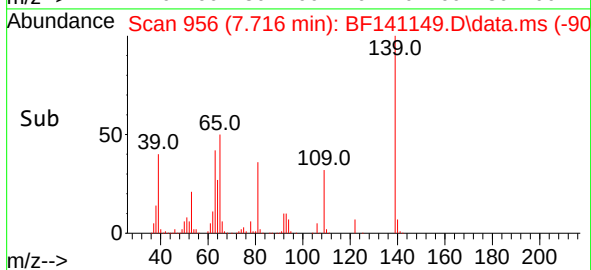
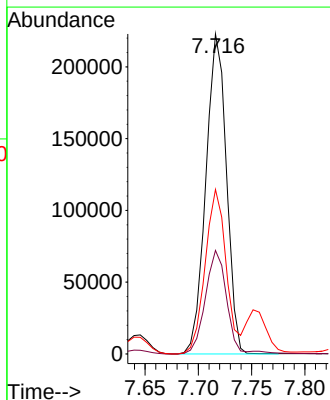
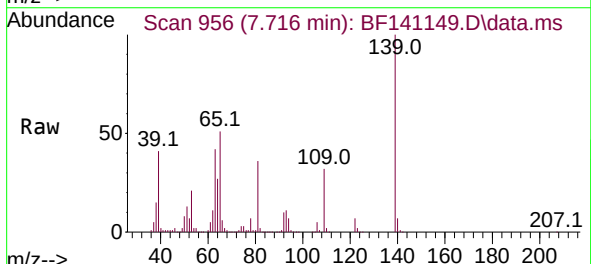
01/14/2025
Supervised By :mohammad
ahmed

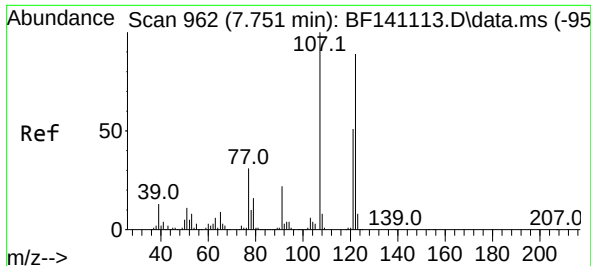
01/14/2025



#26
2-Nitrophenol
Concen: 52.595 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

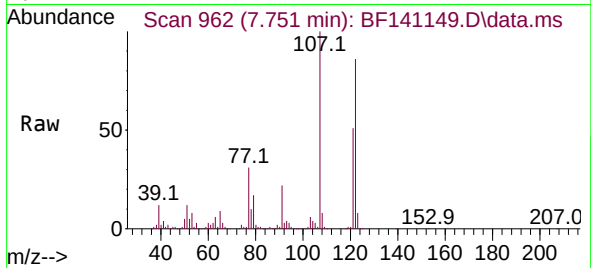
Tgt Ion:139 Resp: 300789
Ion Ratio Lower Upper
139 100
109 32.4 23.8 35.6
65 51.4 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 62.527 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



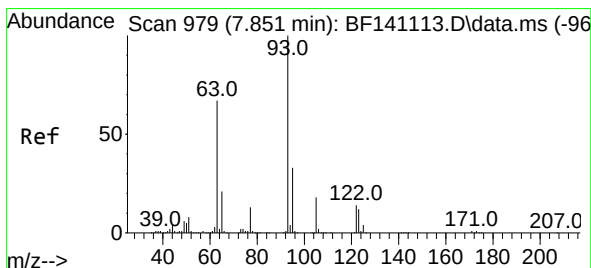
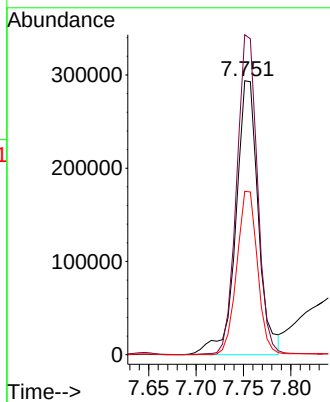
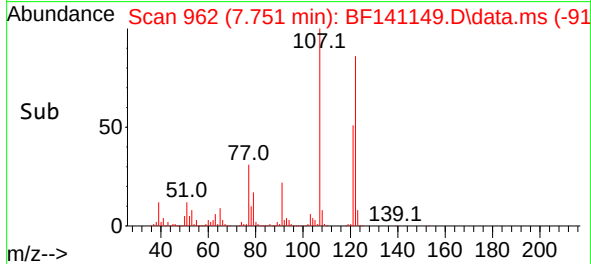
Tgt Ion:122 Resp: 482335
Ion Ratio Lower Upper
122 100
107 116.8 90.3 135.5
121 59.6 46.5 69.7

Manual Integrations
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Reviewed By :Yogesh
Patel

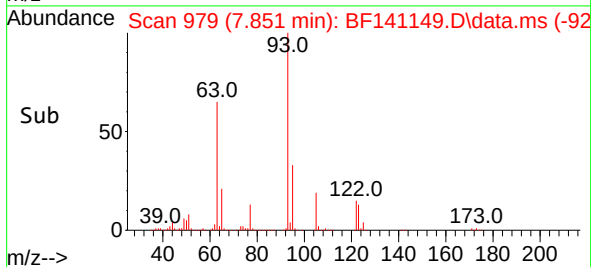
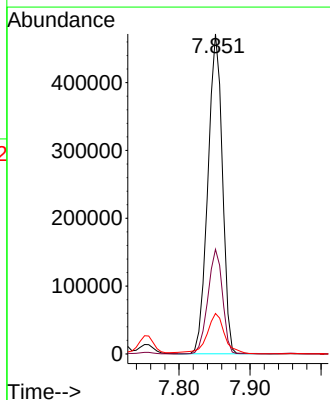
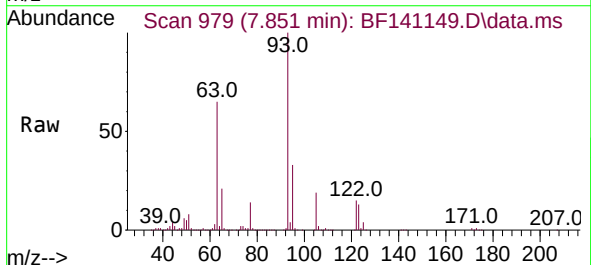
01/14/2025
Supervised By :mohammad
ahmed

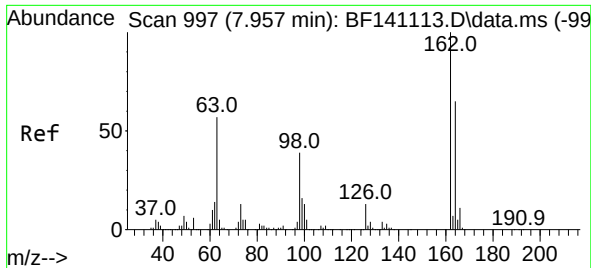
01/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.891 ng
RT: 7.851 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Tgt Ion: 93 Resp: 671344
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 12.6 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 53.710 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF141149.D

Acq: 14 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	162	Resp:	492072
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.5	84.5
98	38.0	18.5	58.5

Manual Integrations

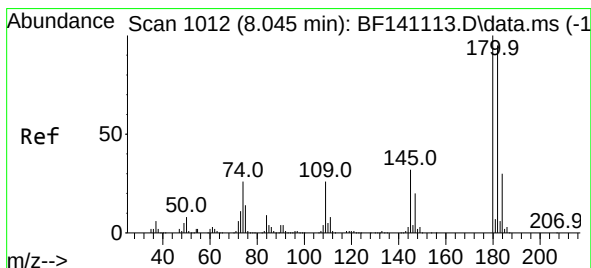
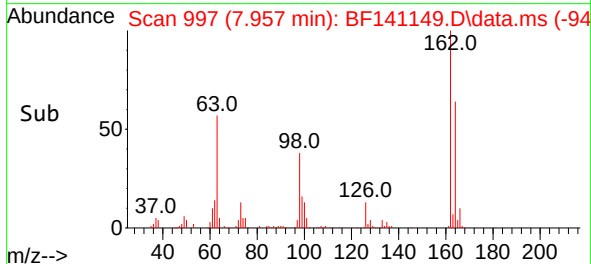
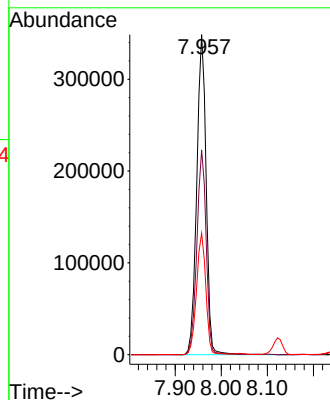
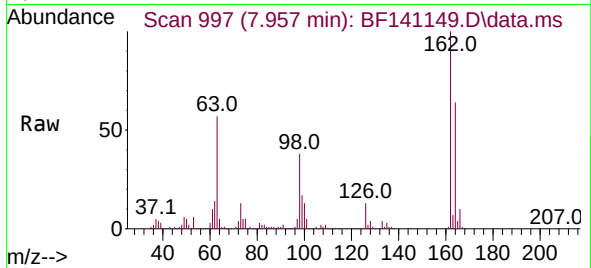
APPROVED

Reviewed By :Yogesh
Patel

01/14/2025

Supervised By :mohammad
ahmed

01/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.909 ng

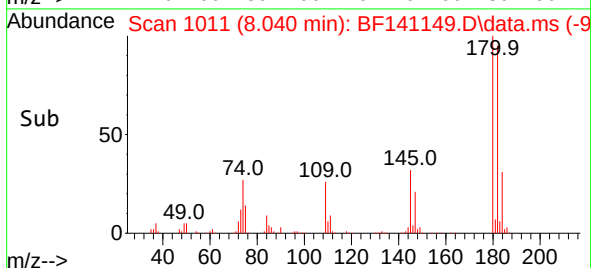
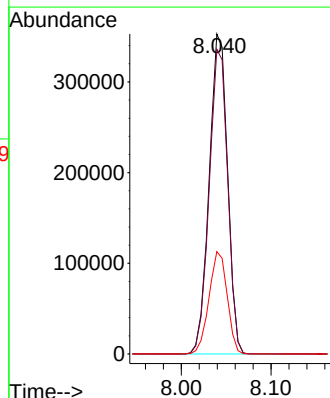
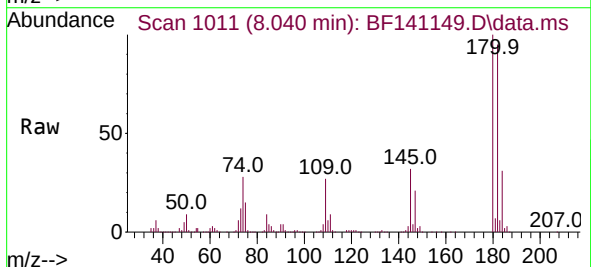
RT: 8.040 min Scan# 1011

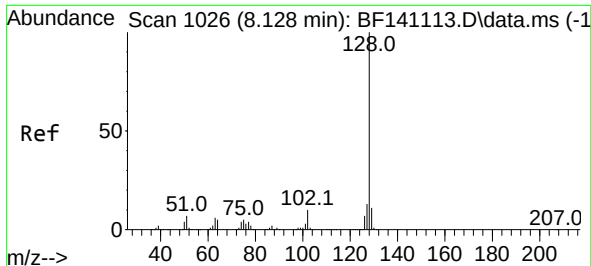
Delta R.T. -0.006 min

Lab File: BF141149.D

Acq: 14 Jan 2025 16:53

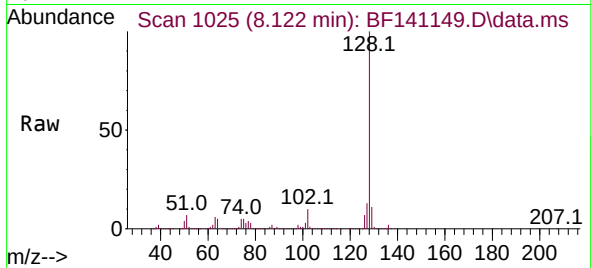
Tgt Ion:	180	Resp:	501709
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.2	114.2
145	32.0	25.3	37.9





#31
Naphthalene
Concen: 49.031 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



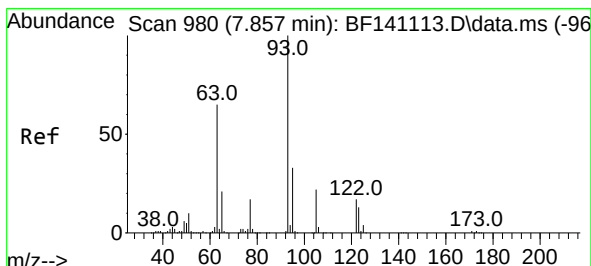
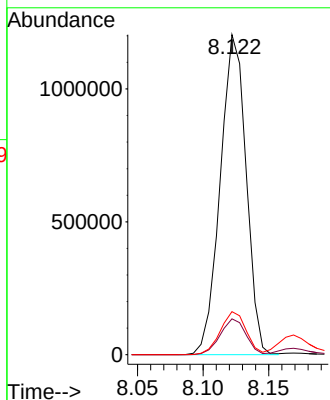
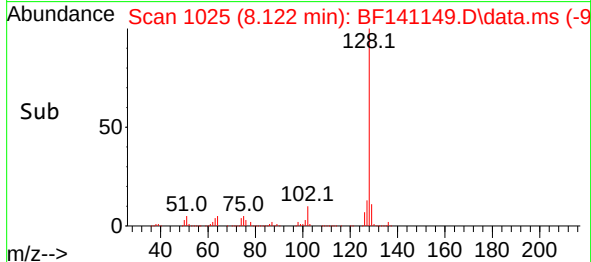
Tgt Ion:128 Resp: 1653410
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2

Manual Integrations
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Reviewed By :Yogesh
Patel

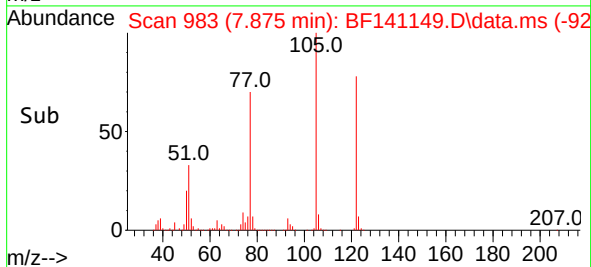
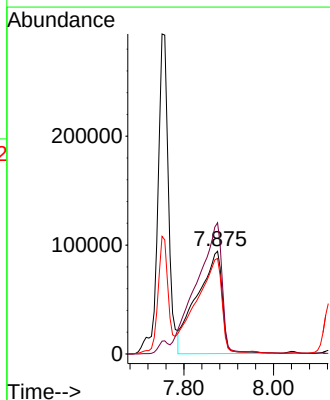
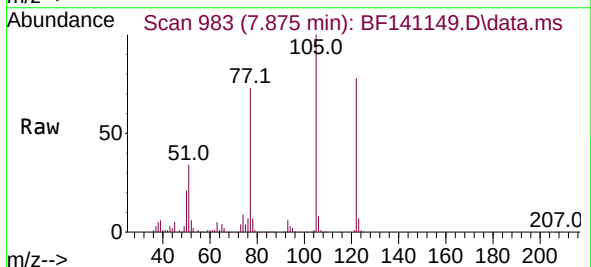
01/14/2025
Supervised By :mohammad
ahmed

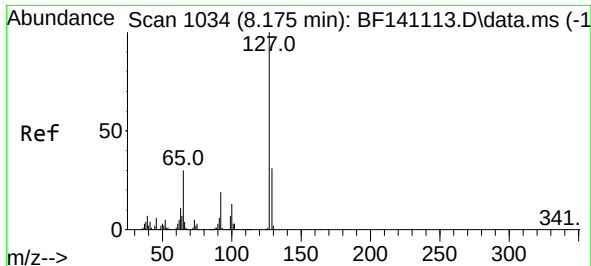
01/14/2025



#32
Benzoic acid
Concen: 49.418 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.018 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Tgt Ion:122 Resp: 365682
Ion Ratio Lower Upper
122 100
105 127.8 105.5 145.5
77 93.0 75.1 115.1





#33

4-Chloroaniline

Concen: 10.911 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141149.D

Acq: 14 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:127 Resp: 127250

Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 29.2 23.8 35.8

92 19.1 15.2 22.8

Manual Integrations

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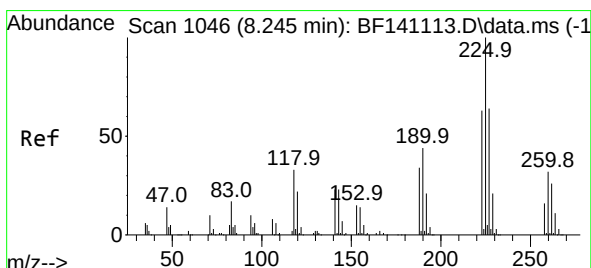
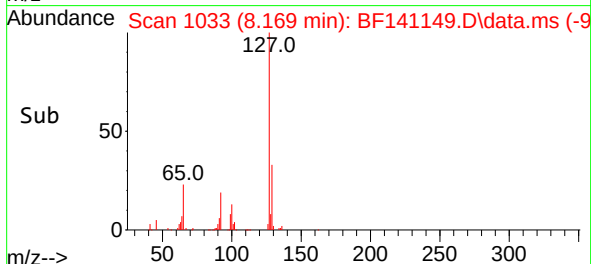
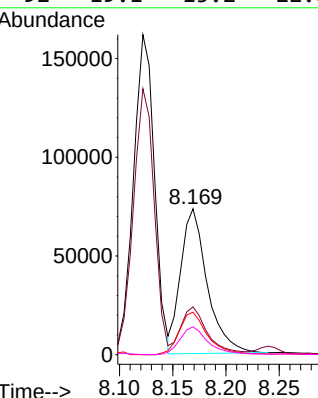
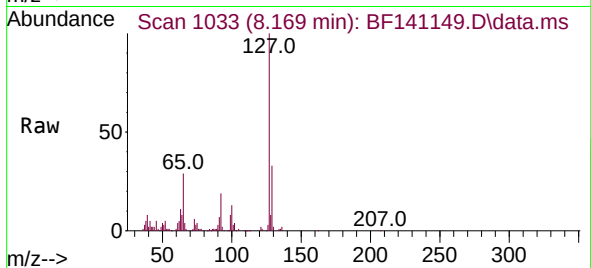
Reviewed By :Yogesh

Patel

01/14/2025

Supervised By :mohammad
ahmed

01/14/2025



#34

Hexachlorobutadiene

Concen: 49.153 ng

RT: 8.240 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF141149.D

Acq: 14 Jan 2025 16:53

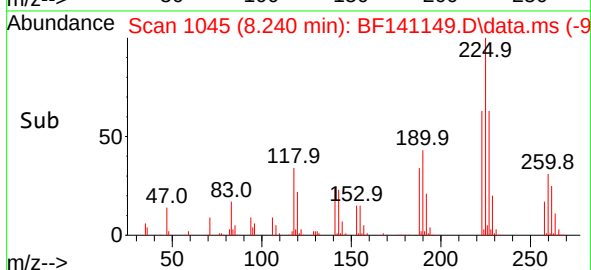
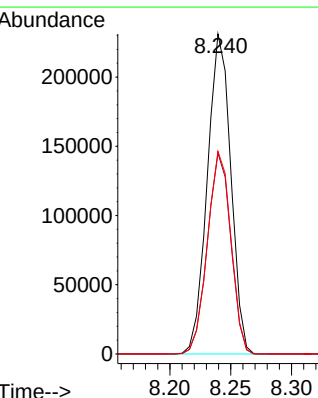
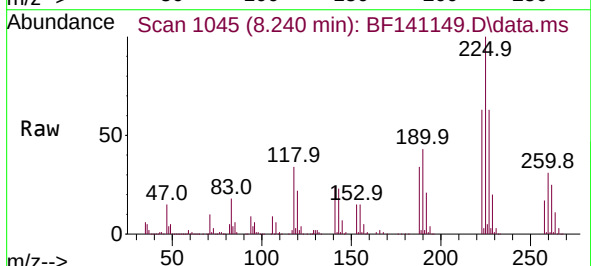
Tgt Ion:225 Resp: 310160

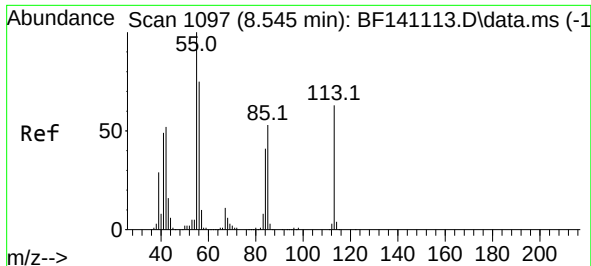
Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

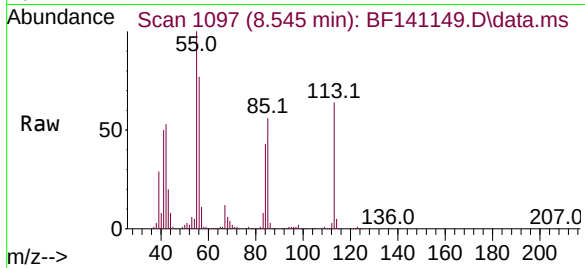
227 63.4 51.6 77.4





#35
Caprolactam
Concen: 46.055 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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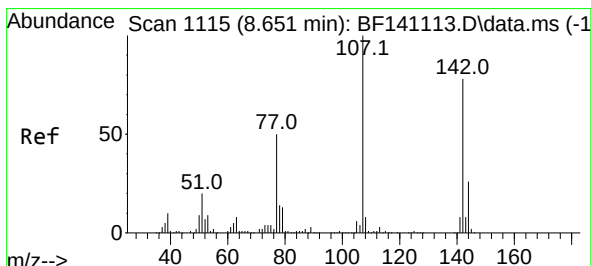
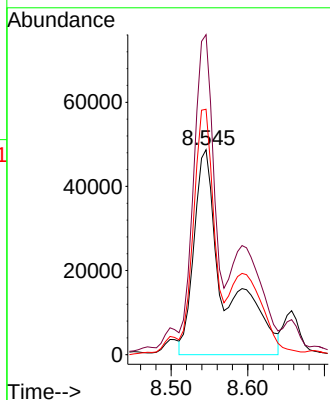
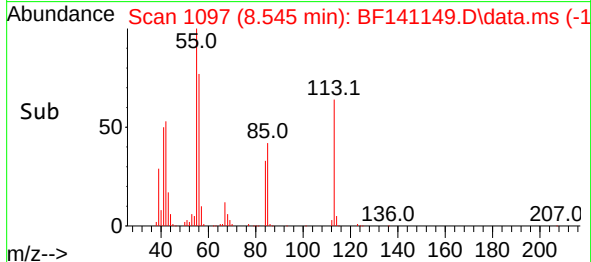
Tgt Ion:113 Resp: 138139
Ion Ratio Lower Upper
113 100
55 156.1 139.7 179.7
56 119.8 99.4 139.4

Manual Integrations
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Reviewed By :Yogesh
Patel

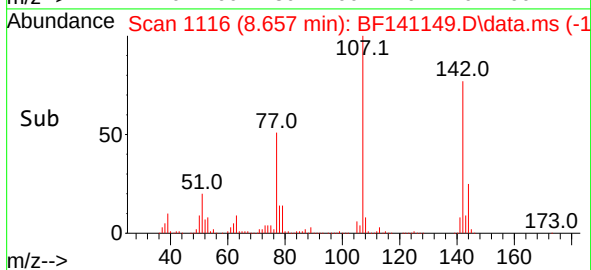
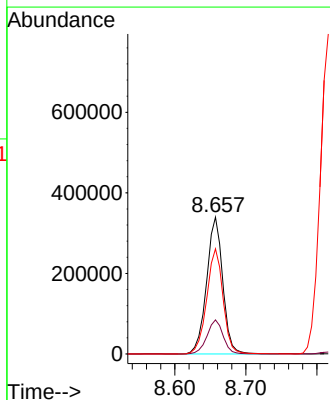
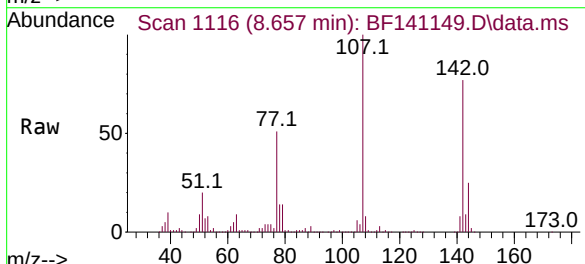
01/14/2025
Supervised By :mohammad
ahmed

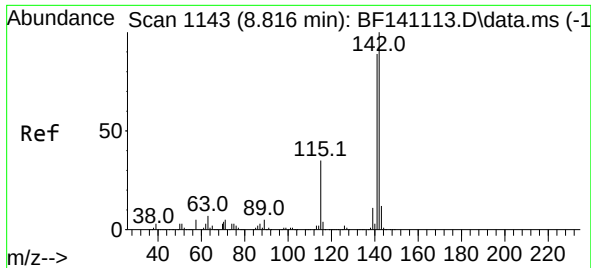
01/14/2025



#36
4-Chloro-3-methylphenol
Concen: 53.724 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

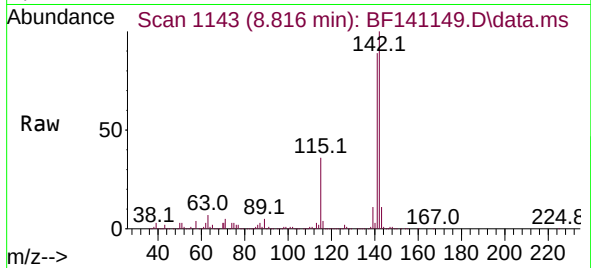
Tgt Ion:107 Resp: 538294
Ion Ratio Lower Upper
107 100
144 24.8 20.4 30.6
142 76.9 62.2 93.2





#37
2-Methylnaphthalene
Concen: 52.034 ng
RT: 8.816 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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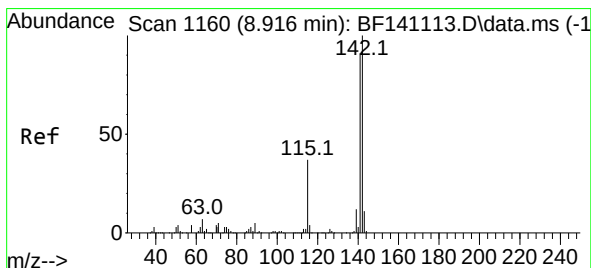
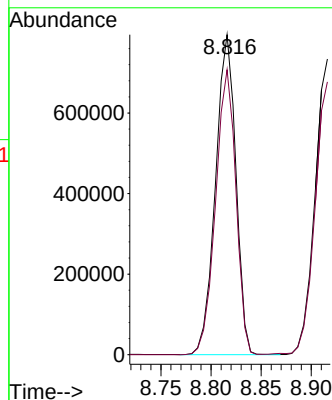
Tgt Ion:142 Resp: 1118128
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9

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Reviewed By :Yogesh
Patel

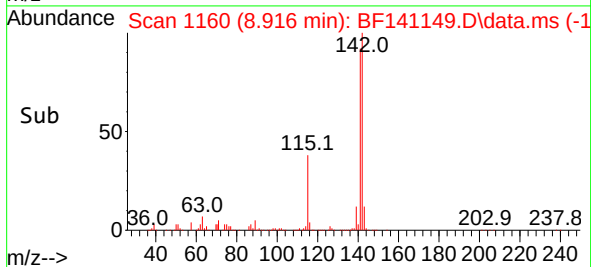
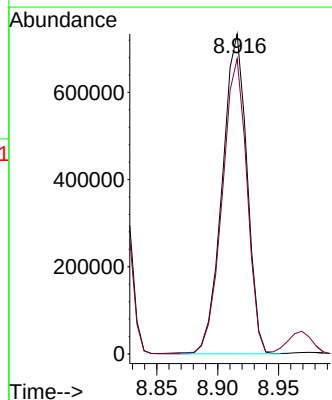
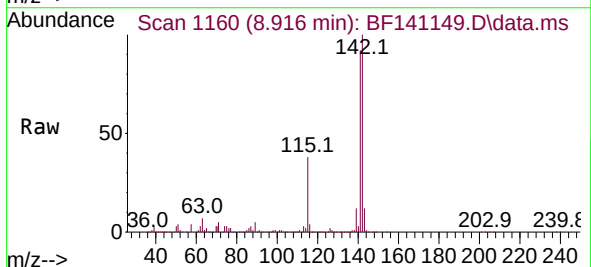
01/14/2025
Supervised By :mohammad
ahmed

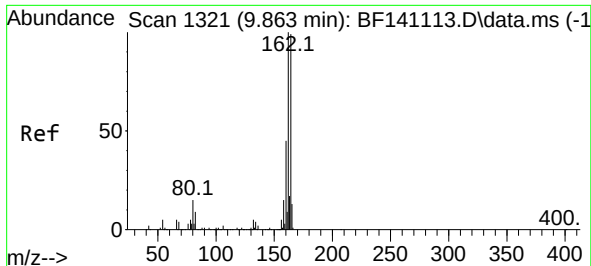
01/14/2025



#38
1-Methylnaphthalene
Concen: 48.821 ng
RT: 8.916 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

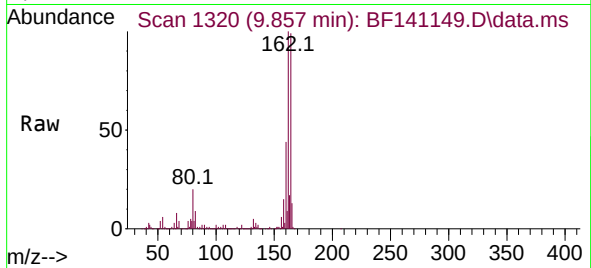
Tgt Ion:142 Resp: 1033918
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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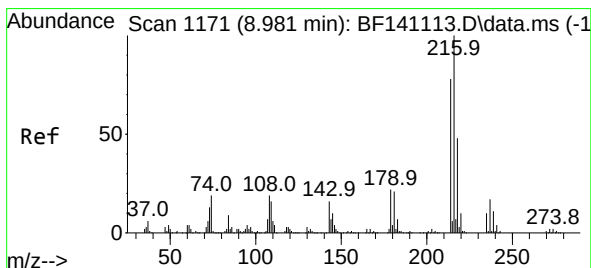
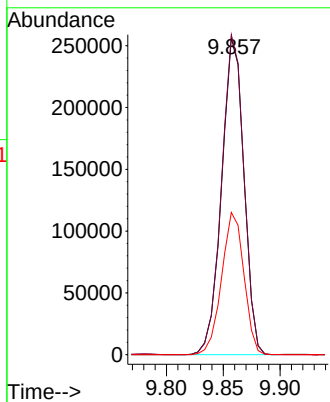
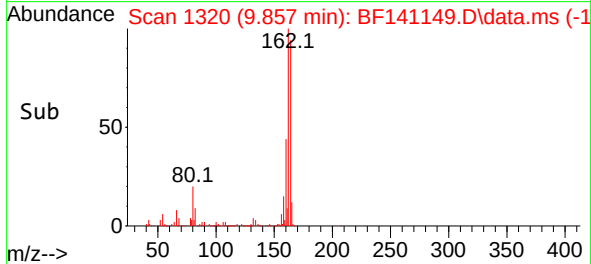
Tgt Ion:164 Resp: 34994
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.9 36.1 54.1

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Reviewed By :Yogesh
Patel

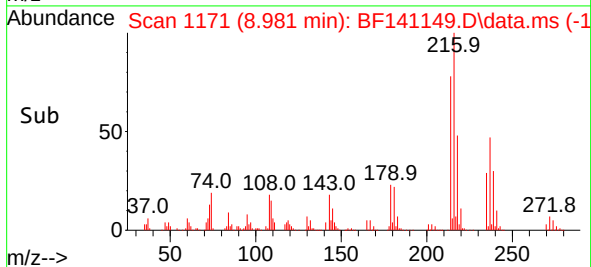
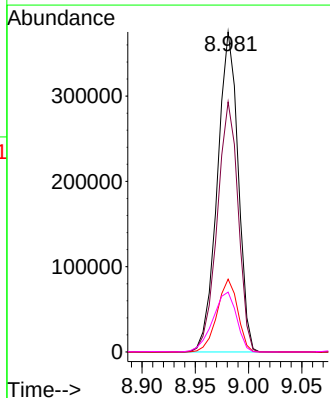
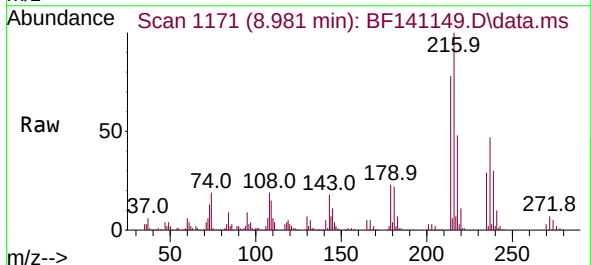
01/14/2025
Supervised By :mohammad
ahmed

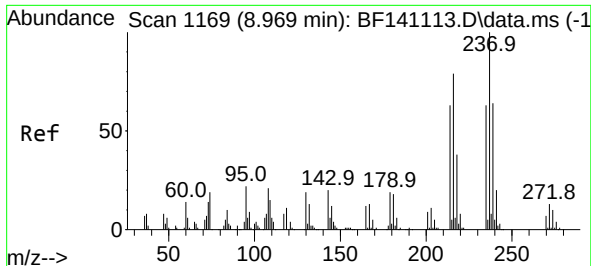
01/14/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.694 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

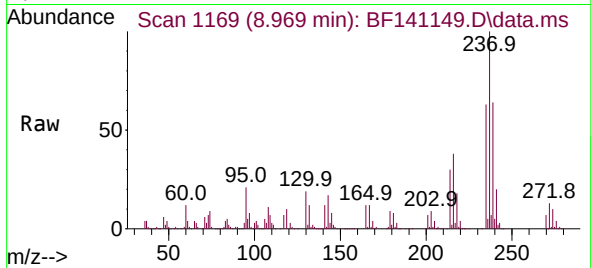
Tgt Ion:216 Resp: 509182
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 22.5 17.7 26.5
108 21.5 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 180.165 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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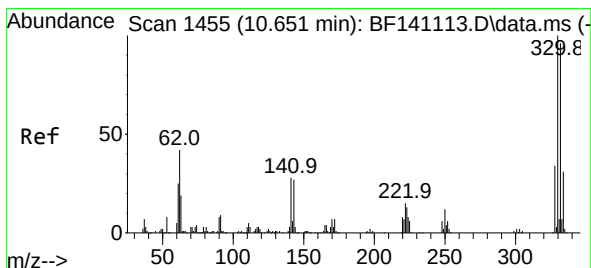
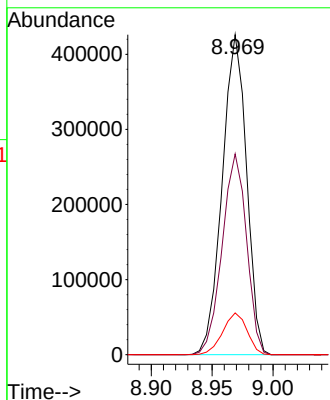
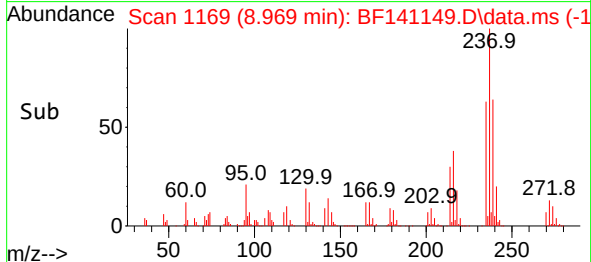
Tgt Ion:237 Resp: 59204
Ion Ratio Lower Upper
237 100
235 62.8 43.0 83.0
272 13.1 0.0 33.0

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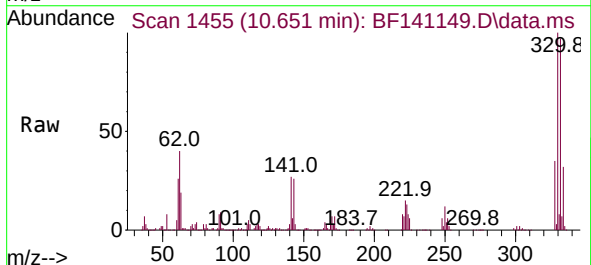
Reviewed By :Yogesh
Patel

01/14/2025
Supervised By :mohammad
ahmed

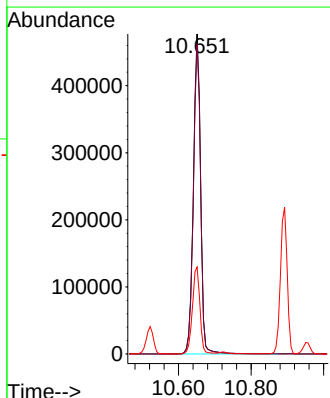
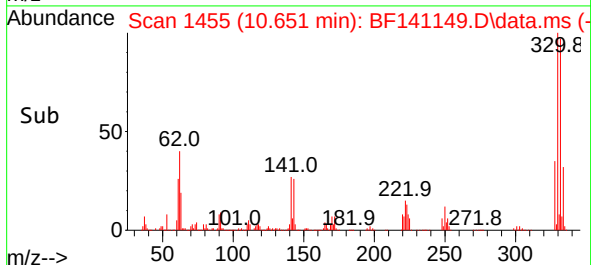
01/14/2025

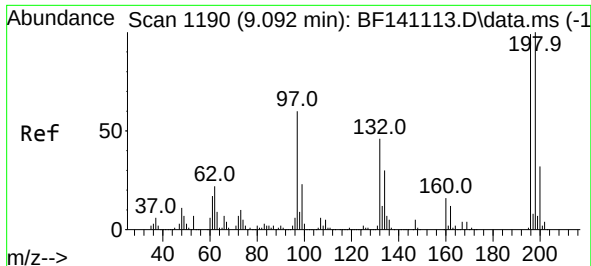


#42
2,4,6-Tribromophenol
Concen: 165.445 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53



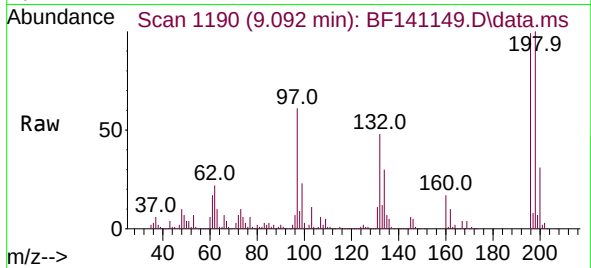
Tgt Ion:330 Resp: 659699
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 28.3 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 56.314 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



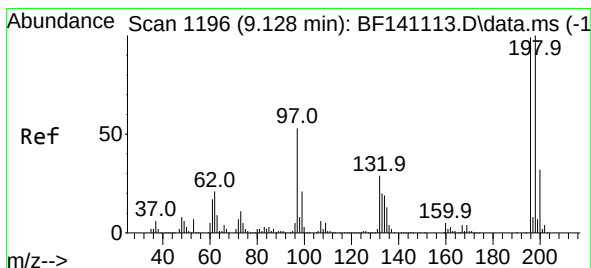
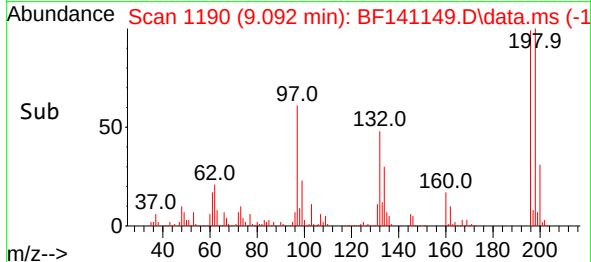
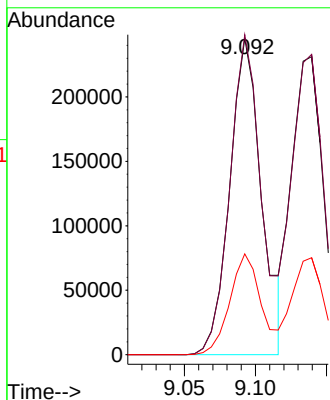
Tgt Ion:196 Resp: 381484
Ion Ratio Lower Upper
196 100
198 101.2 80.8 121.2
200 31.9 25.7 38.5

Manual Integrations
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Reviewed By :Yogesh
Patel

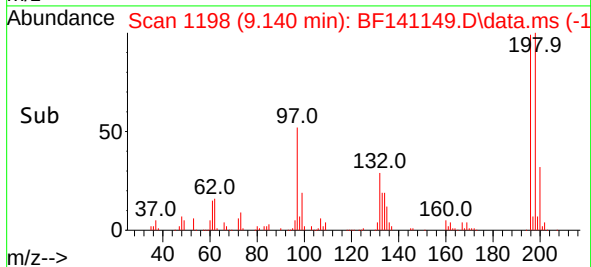
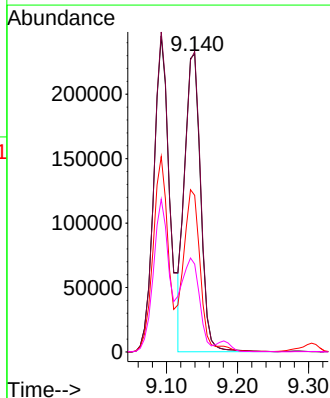
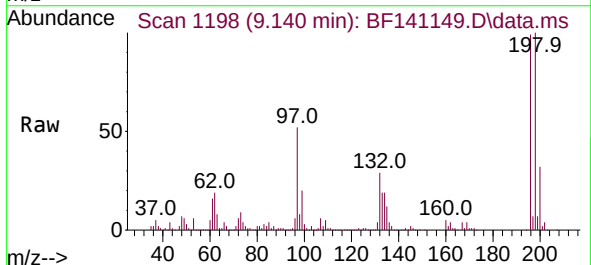
01/14/2025
Supervised By :mohammad
ahmed

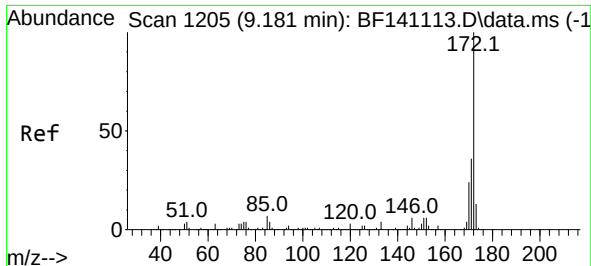
01/14/2025



#44
2,4,5-Trichlorophenol
Concen: 50.556 ng
RT: 9.140 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

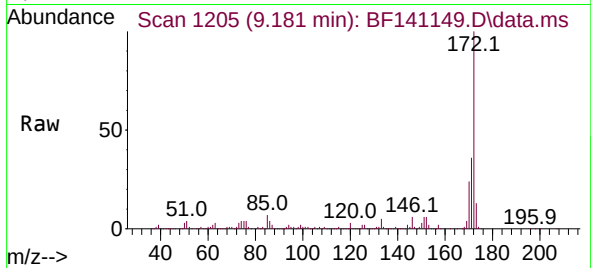
Tgt Ion:196 Resp: 361696
Ion Ratio Lower Upper
196 100
198 100.8 80.6 120.8
97 52.6 43.1 64.7
132 29.5 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 100.620 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



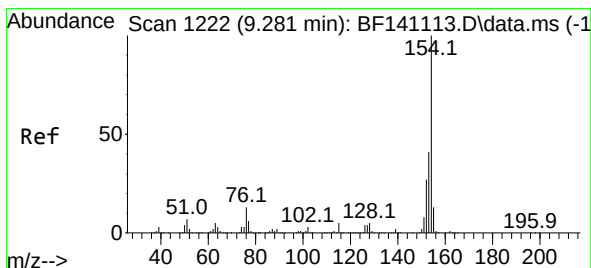
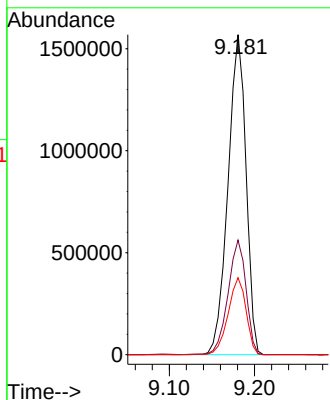
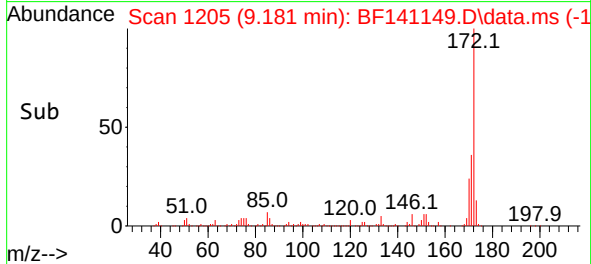
Tgt Ion:172 Resp: 2305870
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.1 19.0 28.6

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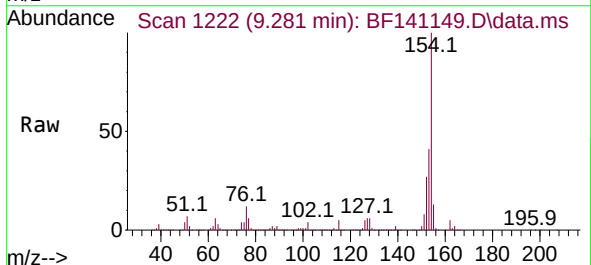
Reviewed By :Yogesh
Patel

01/14/2025
Supervised By :mohammad
ahmed

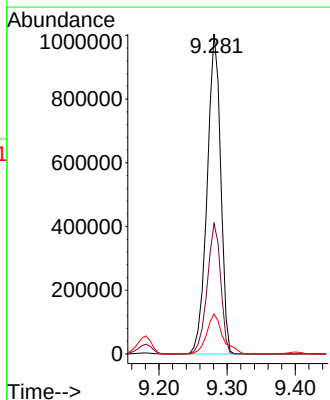
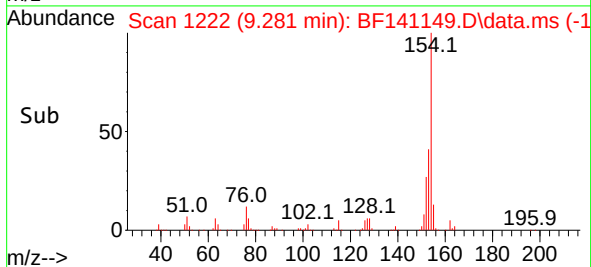
01/14/2025

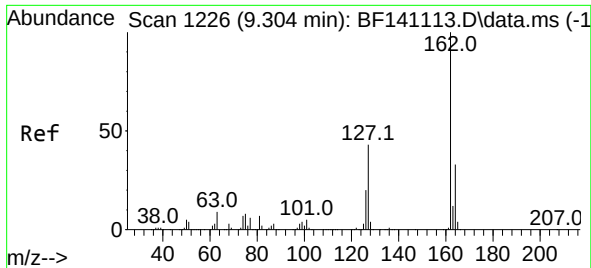


#46
1,1'-Biphenyl
Concen: 50.891 ng
RT: 9.281 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53



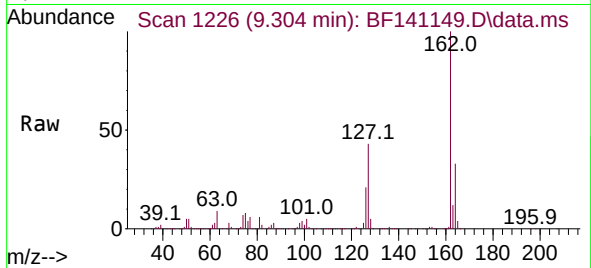
Tgt Ion:154 Resp: 1383068
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.5 0.0 33.1





#47
2-Chloronaphthalene
Concen: 49.458 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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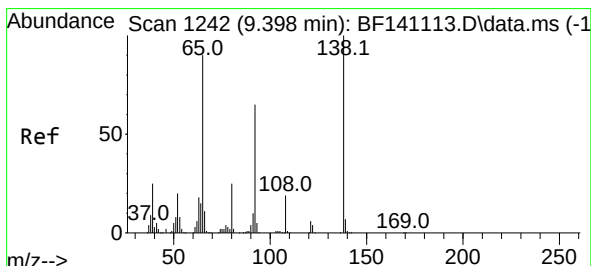
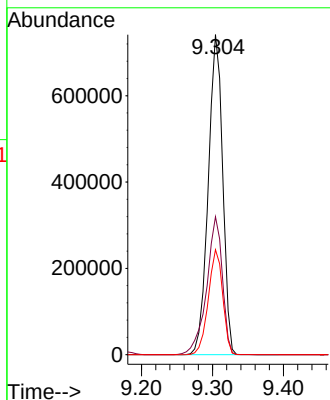
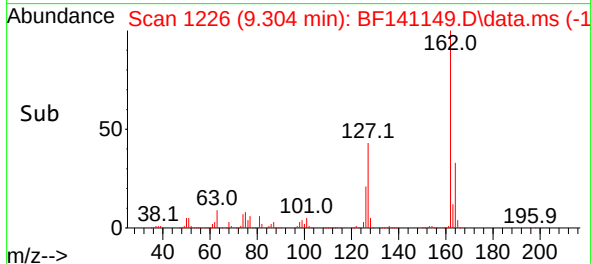
Tgt Ion:162 Resp: 1046898
Ion Ratio Lower Upper
162 100
127 43.1 34.6 51.8
164 32.8 26.5 39.7

Manual Integrations
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Reviewed By :Yogesh
Patel

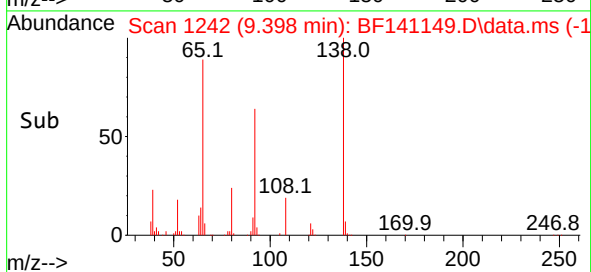
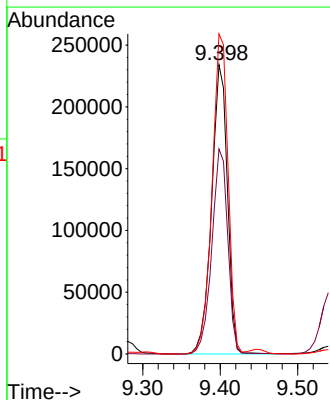
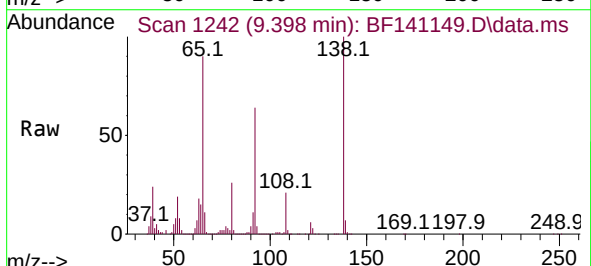
01/14/2025
Supervised By :mohammad
ahmed

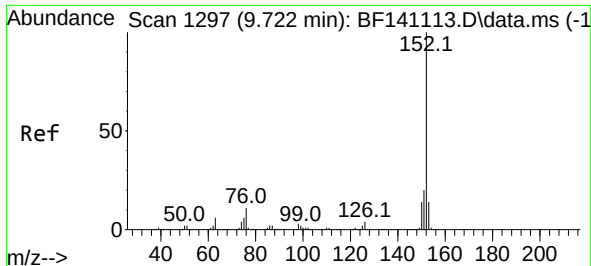
01/14/2025



#48
2-Nitroaniline
Concen: 52.967 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

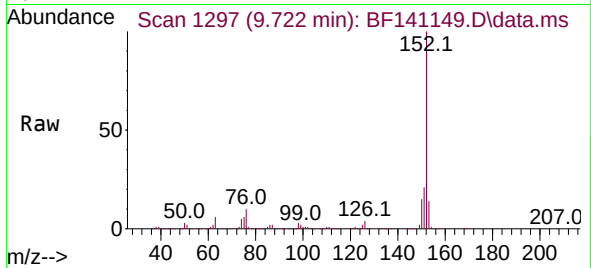
Tgt Ion: 65 Resp: 332351
Ion Ratio Lower Upper
65 100
92 70.9 58.3 87.5
138 110.6 89.1 133.7





#49
Acenaphthylene
Concen: 54.134 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



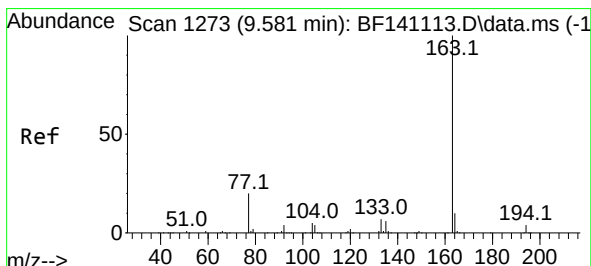
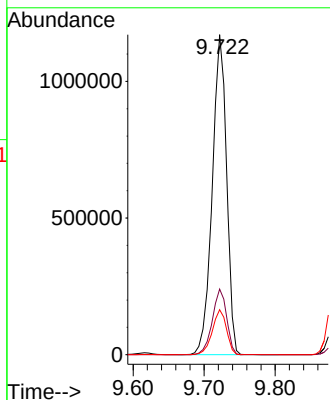
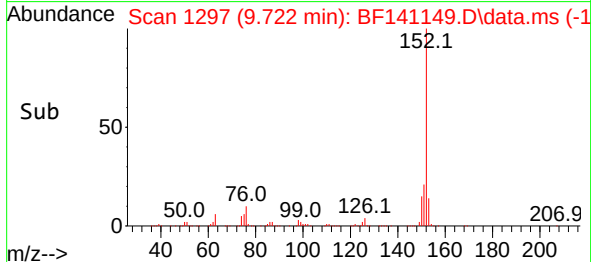
Tgt Ion:152 Resp: 1637108
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 14.0 11.1 16.7

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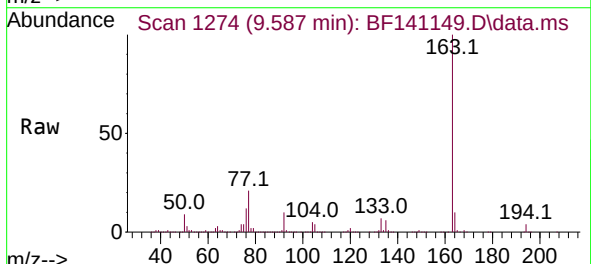
Reviewed By :Yogesh
Patel

01/14/2025
Supervised By :mohammad
ahmed

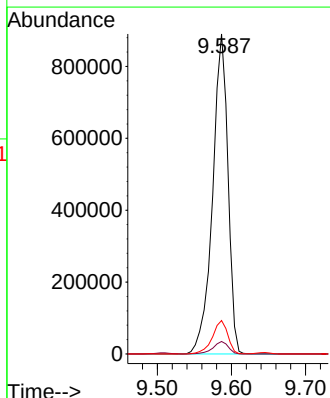
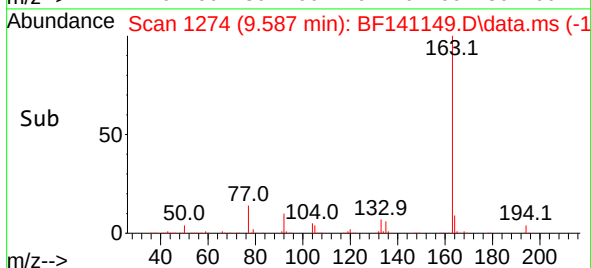
01/14/2025

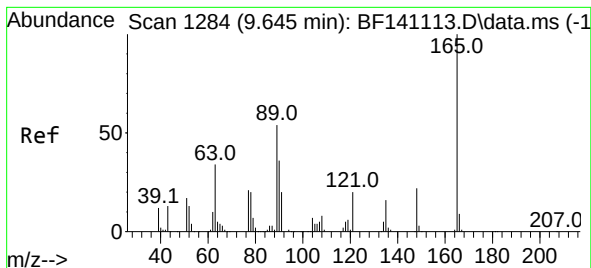


#50
Dimethylphthalate
Concen: 54.553 ng
RT: 9.587 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53



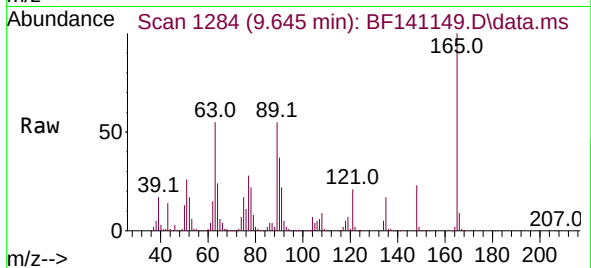
Tgt Ion:163 Resp: 1281639
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 52.029 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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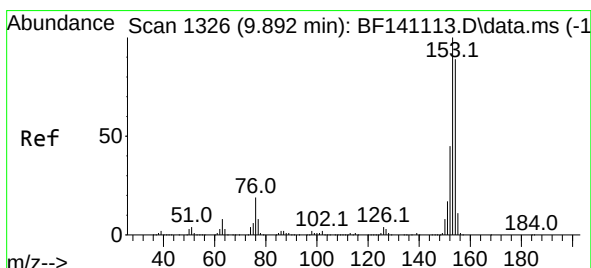
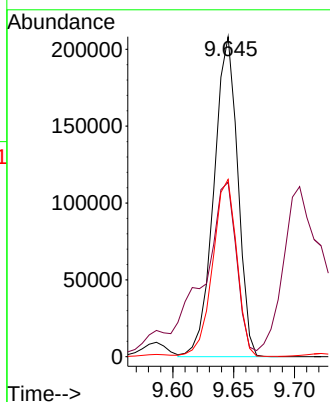
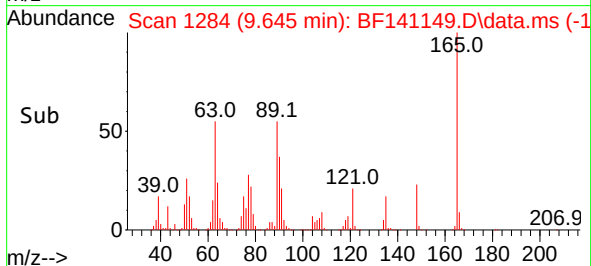
Tgt Ion:165 Resp: 28424
Ion Ratio Lower Upper
165 100
63 54.5 42.3 63.5
89 55.4 43.1 64.7

Manual Integrations
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Patel

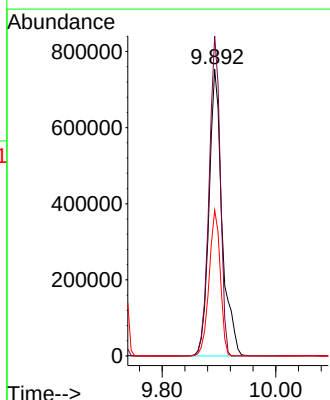
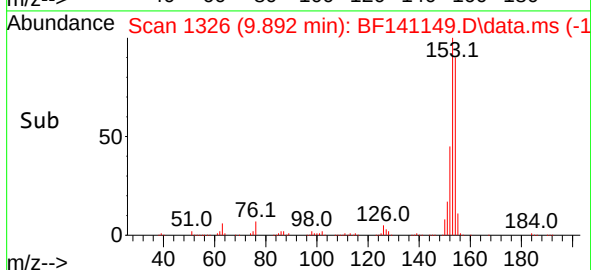
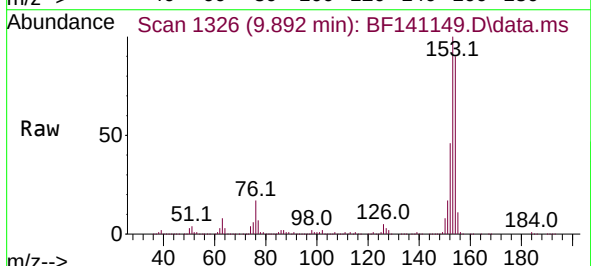
01/14/2025
Supervised By :mohammad
ahmed

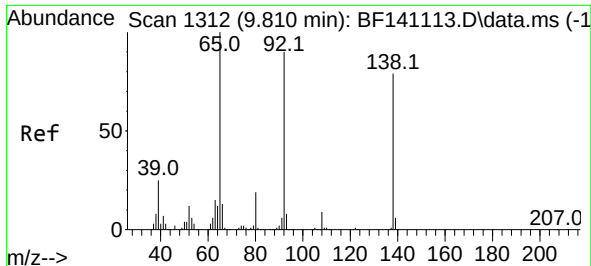
01/14/2025



#52
Acenaphthene
Concen: 56.774 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

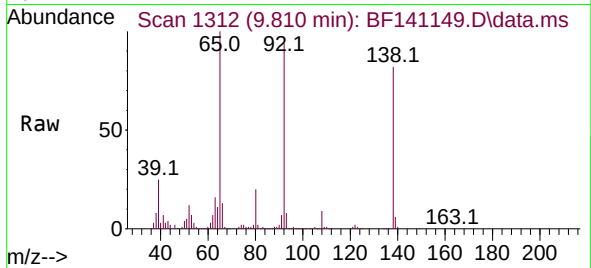
Tgt Ion:154 Resp: 1199555
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 50.8 40.8 61.2





#53
3-Nitroaniline
Concen: 17.621 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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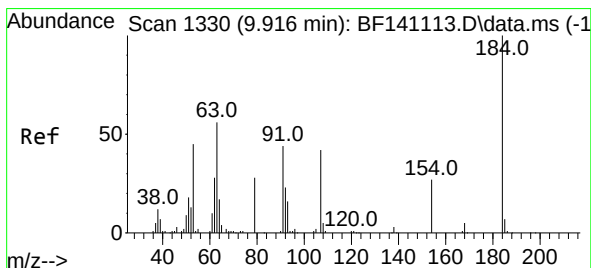
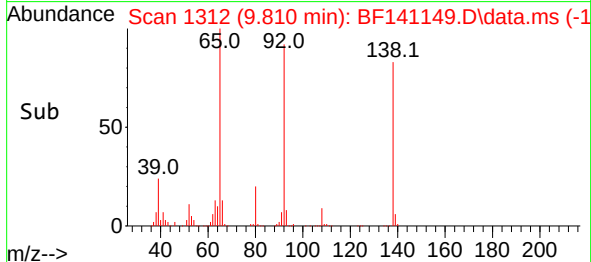
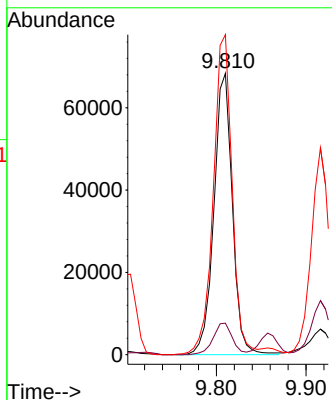
Tgt Ion:138 Resp: 97830
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 113.7 91.3 136.9

Manual Integrations
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Reviewed By :Yogesh
Patel

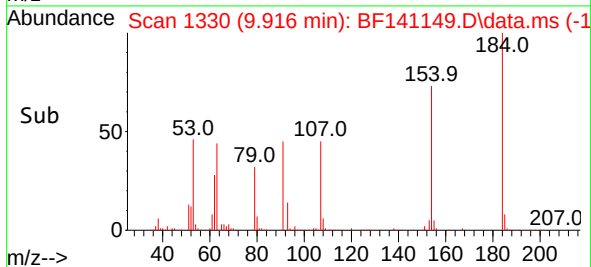
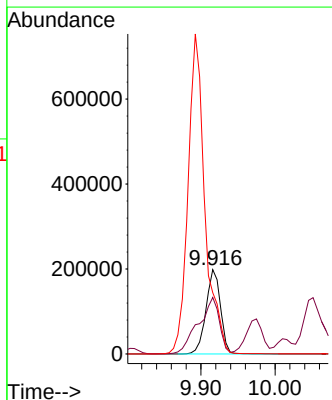
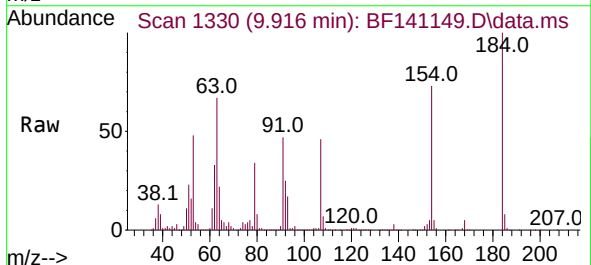
01/14/2025
Supervised By :mohammad
ahmed

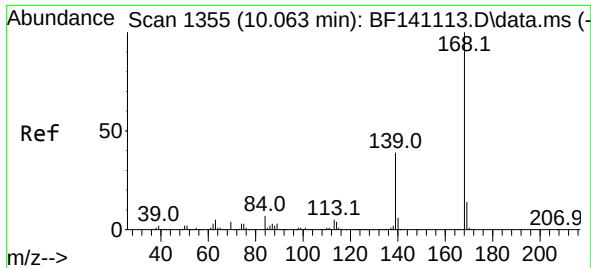
01/14/2025



#54
2,4-Dinitrophenol
Concen: 103.875 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

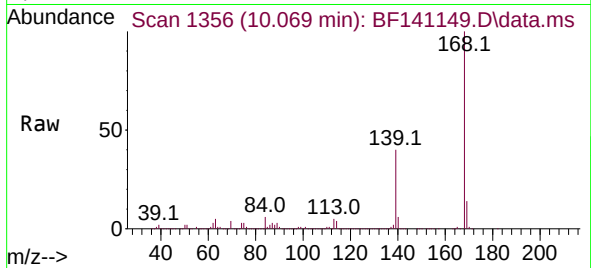
Tgt Ion:184 Resp: 269744
Ion Ratio Lower Upper
184 100
63 67.0 48.7 73.1
154 72.7 57.1 85.7





#55
Dibenzofuran
Concen: 51.787 ng
RT: 10.069 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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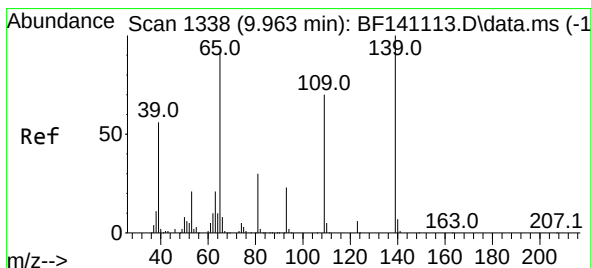
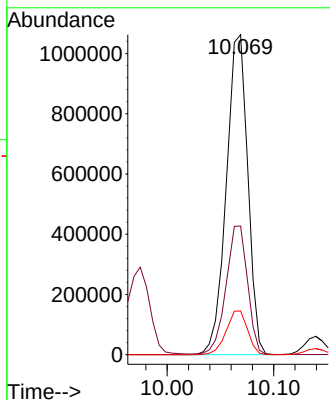
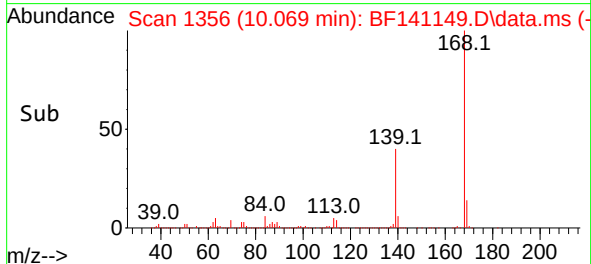
Tgt Ion:168 Resp: 1488310
Ion Ratio Lower Upper
168 100
139 40.2 31.4 47.0
169 13.6 10.9 16.3

Manual Integrations
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Reviewed By :Yogesh
Patel

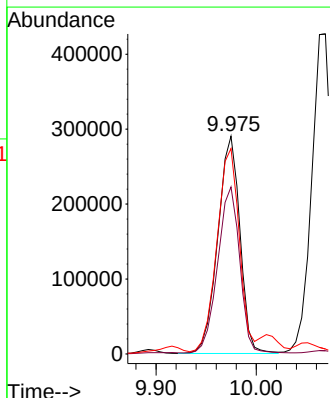
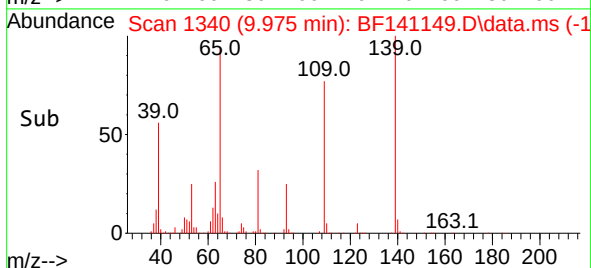
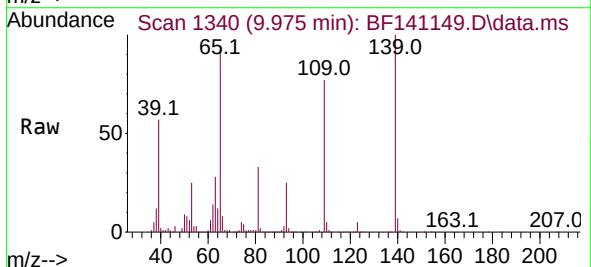
01/14/2025
Supervised By :mohammad
ahmed

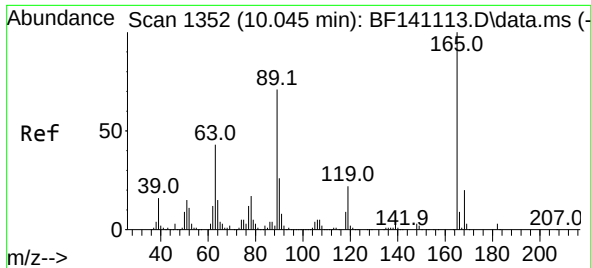
01/14/2025



#56
4-Nitrophenol
Concen: 102.291 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

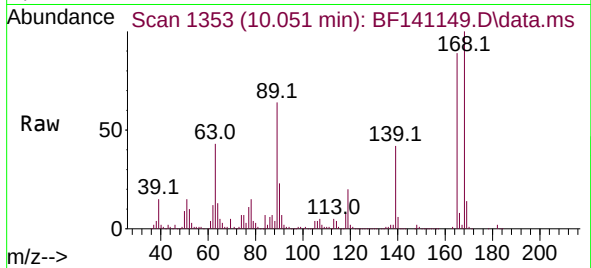
Tgt Ion:139 Resp: 444764
Ion Ratio Lower Upper
139 100
109 76.7 50.2 90.2
65 94.3 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 54.995 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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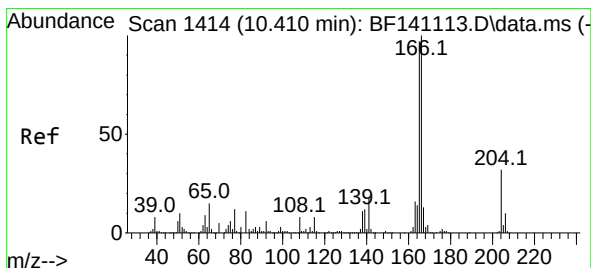
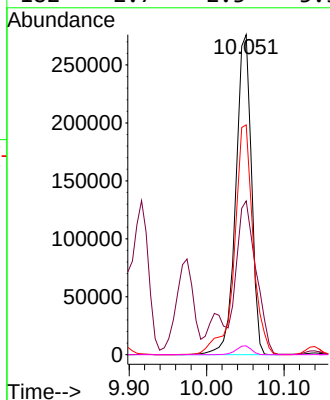
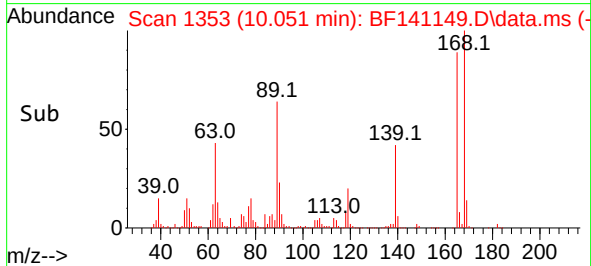
Tgt Ion:165 Resp: 38720
Ion Ratio Lower Upper
165 100
63 48.1 35.0 52.4
89 71.8 56.7 85.1
182 2.7 2.3 3.5

Manual Integrations
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Reviewed By :Yogesh
Patel

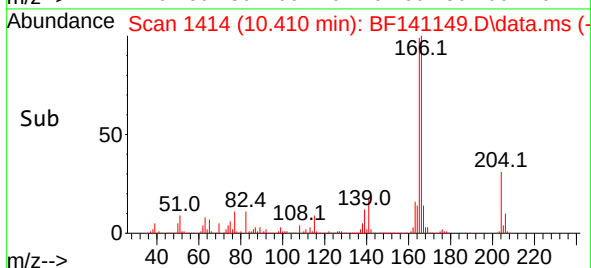
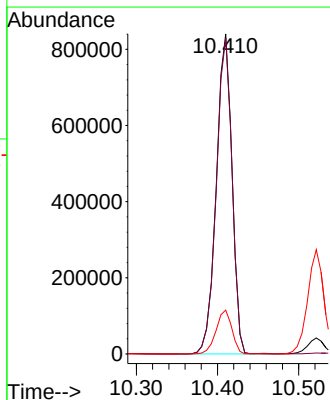
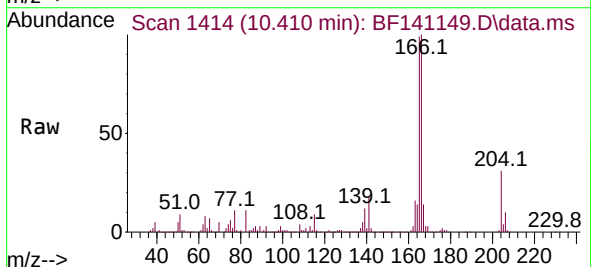
01/14/2025
Supervised By :mohammad
ahmed

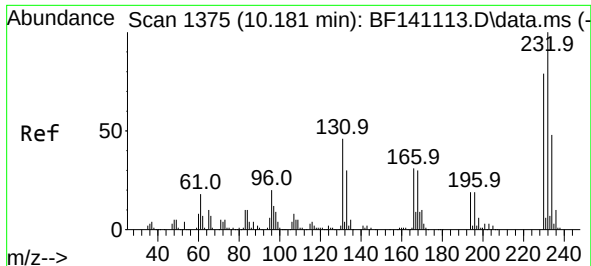
01/14/2025



#58
Fluorene
Concen: 50.737 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

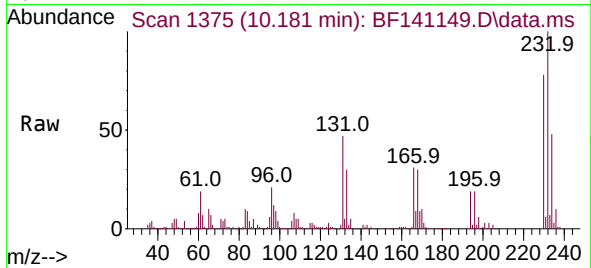
Tgt Ion:166 Resp: 1132818
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.8
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.539 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



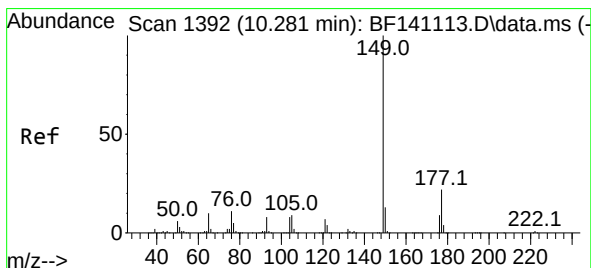
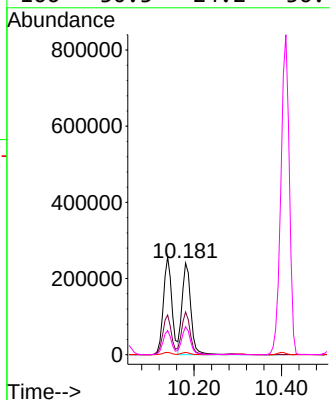
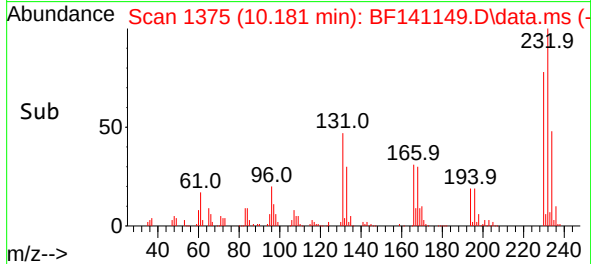
Tgt Ion:232 Resp: 330279
Ion Ratio Lower Upper
232 100
131 47.2 36.2 54.4
130 2.3 2.0 3.0
166 30.3 24.2 36.4

Manual Integrations
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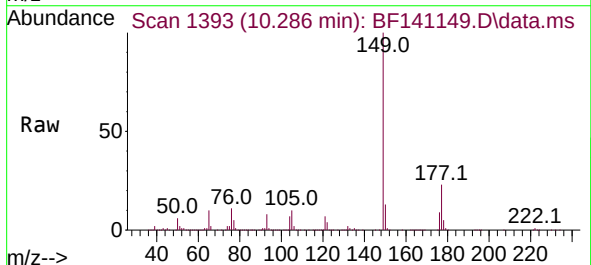
Reviewed By :Yogesh
Patel

01/14/2025
Supervised By :mohammad
ahmed

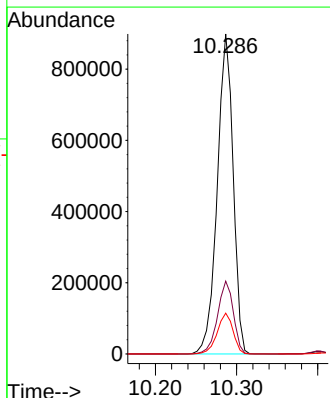
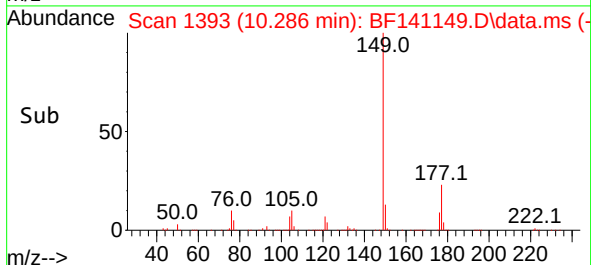
01/14/2025

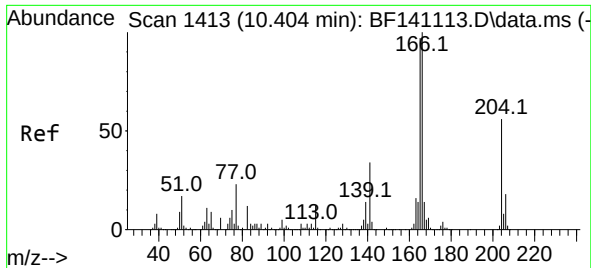


#60
Diethylphthalate
Concen: 53.440 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53



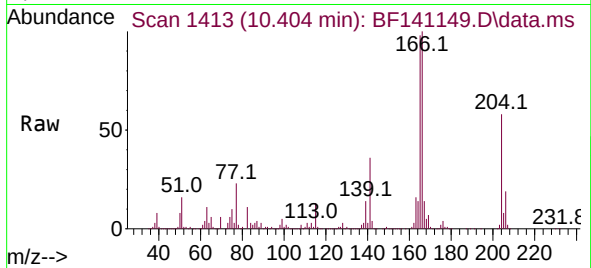
Tgt Ion:149 Resp: 1225660
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.601 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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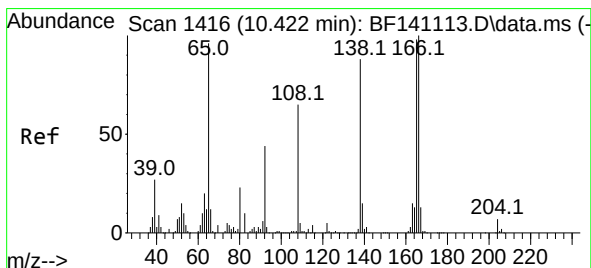
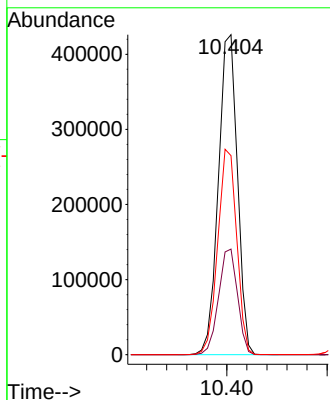
Tgt Ion:204 Resp: 56152
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 62.2 49.1 73.7

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Reviewed By :Yogesh
Patel

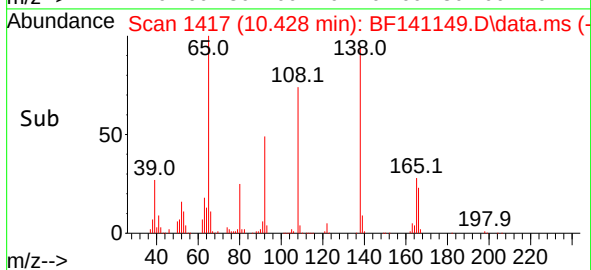
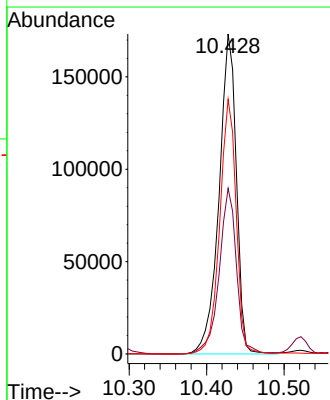
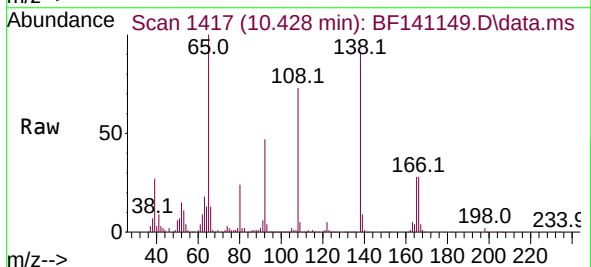
01/14/2025
Supervised By :mohammad
ahmed

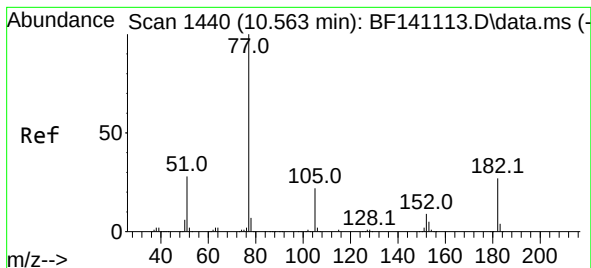
01/14/2025



#62
4-Nitroaniline
Concen: 49.596 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

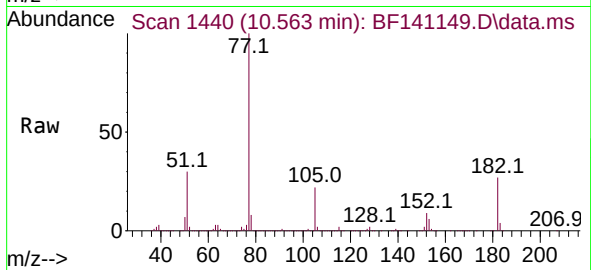
Tgt Ion:138 Resp: 269496
Ion Ratio Lower Upper
138 100
92 51.8 29.4 69.4
108 79.6 53.7 93.7





#63
Azobenzene
Concen: 52.222 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



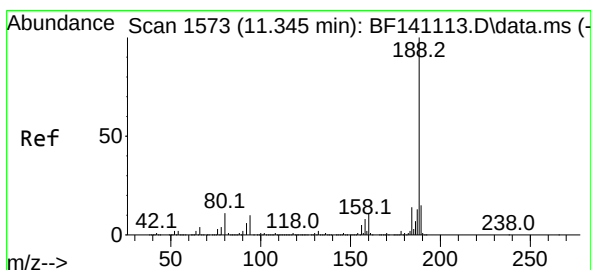
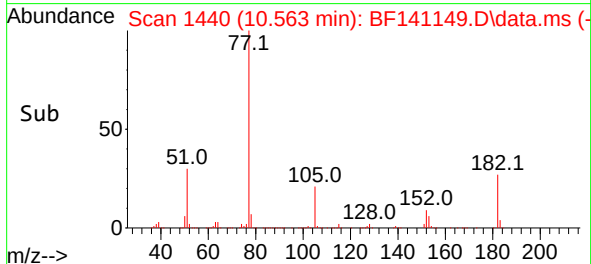
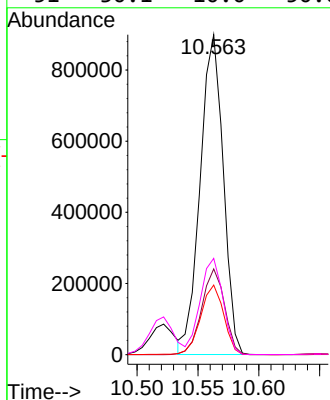
Tgt Ion: 77 Resp: 118183
Ion Ratio Lower Upper
77 100
182 26.8 6.1 46.1
105 21.7 2.1 42.1
51 30.1 10.0 50.0

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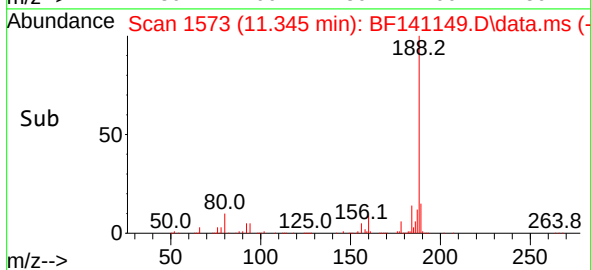
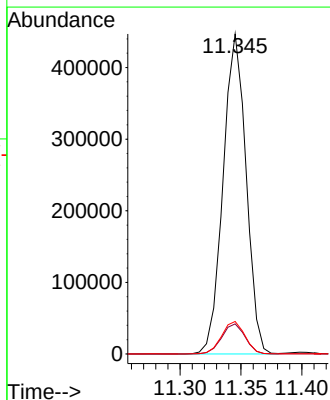
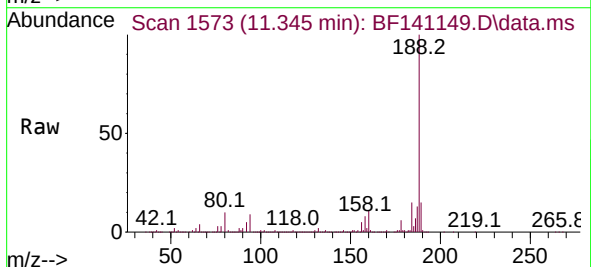
01/14/2025
Supervised By :mohammad
ahmed

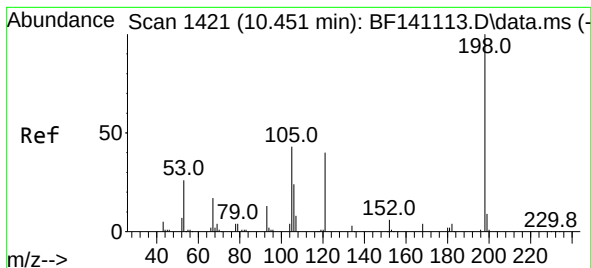
01/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

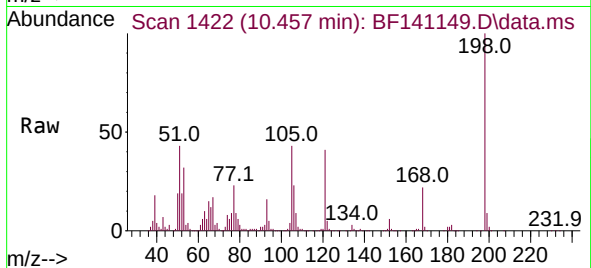
Tgt Ion:188 Resp: 587187
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.2 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 57.264 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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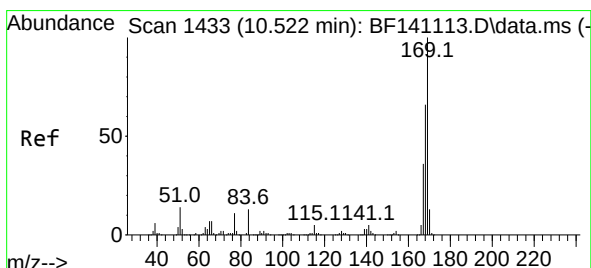
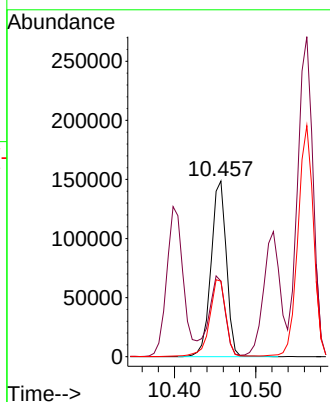
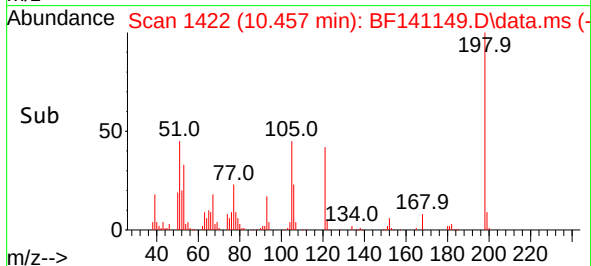
Tgt Ion:198 Resp: 194844
Ion Ratio Lower Upper
198 100
51 43.0 27.1 67.1
105 43.0 24.2 64.2

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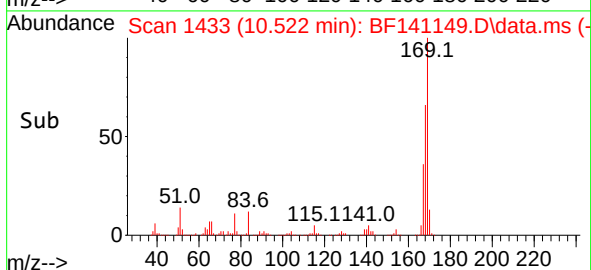
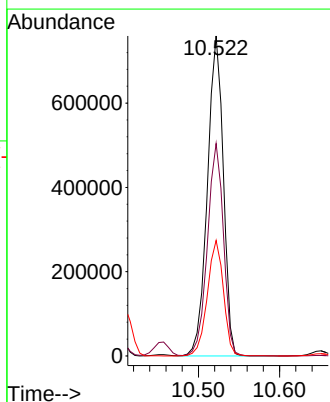
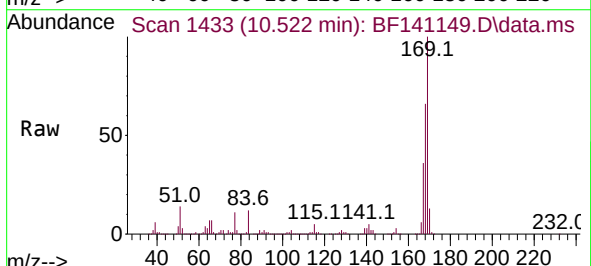
01/14/2025
Supervised By :mohammad
ahmed

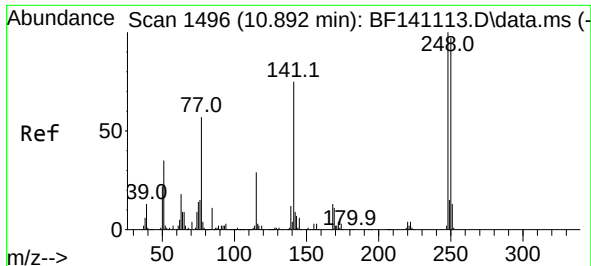
01/14/2025



#66
n-Nitrosodiphenylamine
Concen: 54.349 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

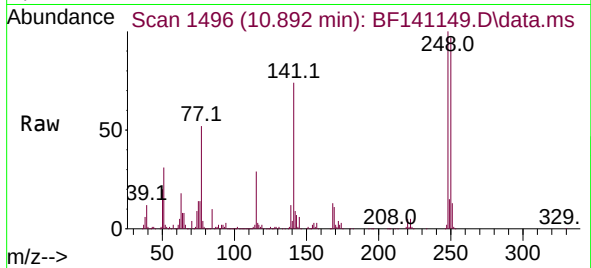
Tgt Ion:169 Resp: 1029339
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 55.663 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
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ClientSampleId :
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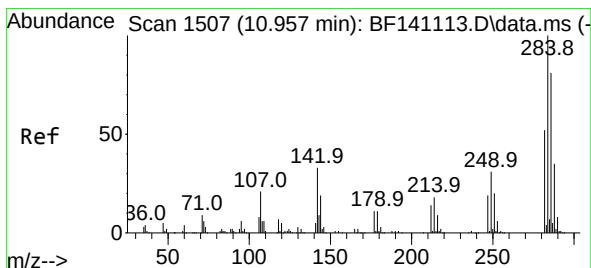
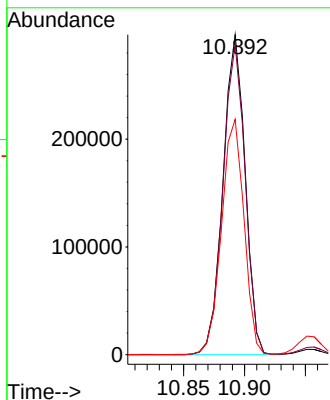
Tgt Ion:248 Resp: 376298
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 73.6 59.9 89.9

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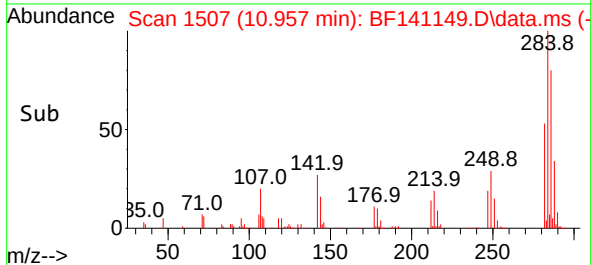
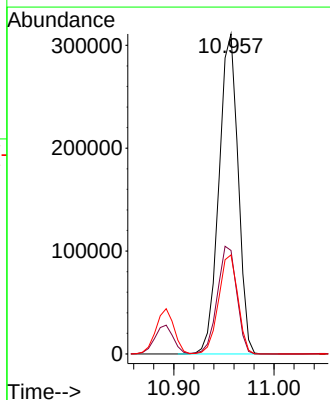
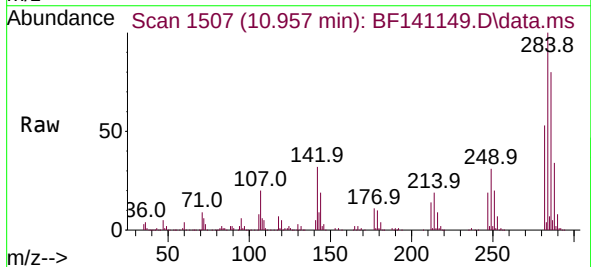
01/14/2025
Supervised By :mohammad
ahmed

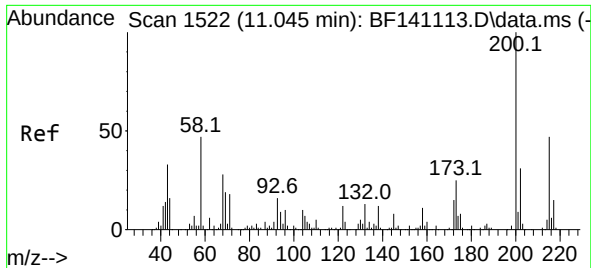
01/14/2025



#68
Hexachlorobenzene
Concen: 54.699 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

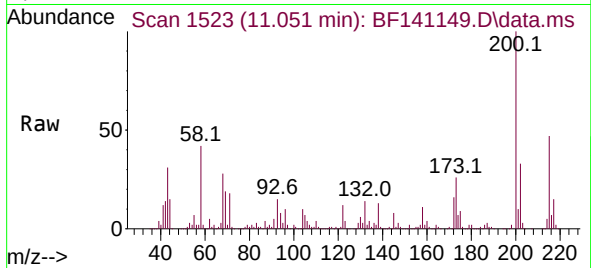
Tgt Ion:284 Resp: 411638
Ion Ratio Lower Upper
284 100
142 32.4 26.3 39.5
249 31.0 24.9 37.3





#69
Atrazine
Concen: 70.774 ng
RT: 11.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



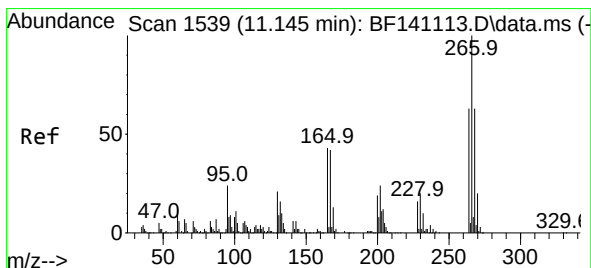
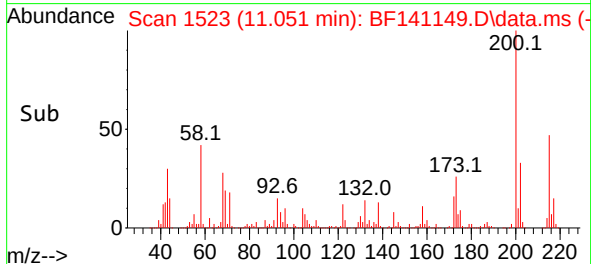
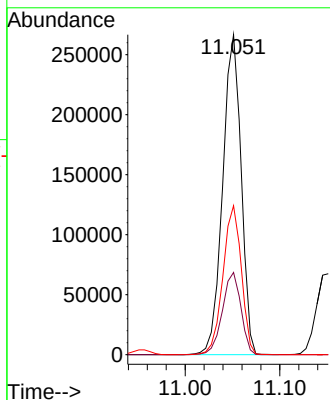
Tgt Ion:200 Resp: 36091
Ion Ratio Lower Upper
200 100
173 25.7 5.4 45.4
215 46.5 26.6 66.6

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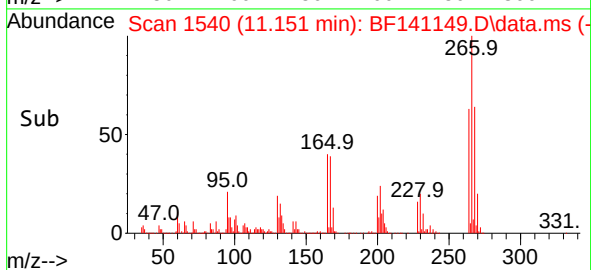
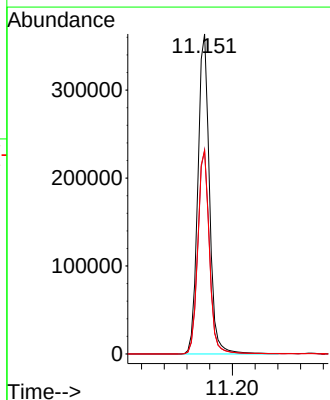
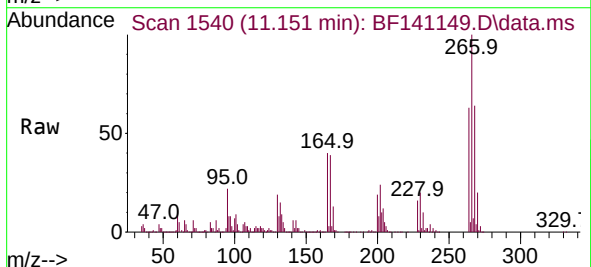
01/14/2025
Supervised By :mohammad
ahmed

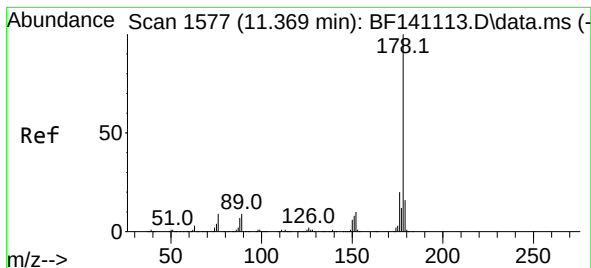
01/14/2025



#70
Pentachlorophenol
Concen: 107.264 ng
RT: 11.151 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Tgt Ion:266 Resp: 516940
Ion Ratio Lower Upper
266 100
268 63.8 50.4 75.6
264 63.5 50.2 75.2





#71
Phenanthrene
Concen: 54.420 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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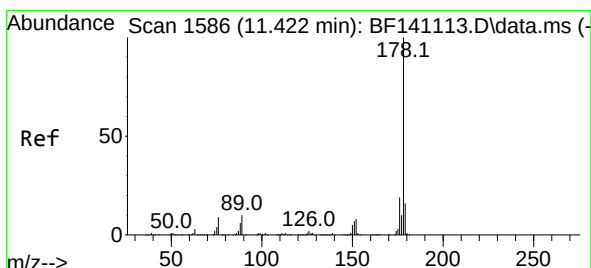
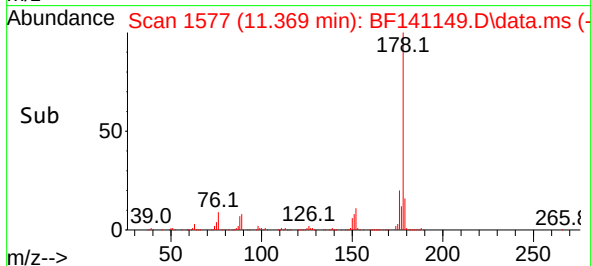
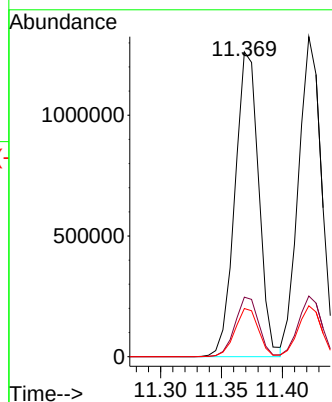
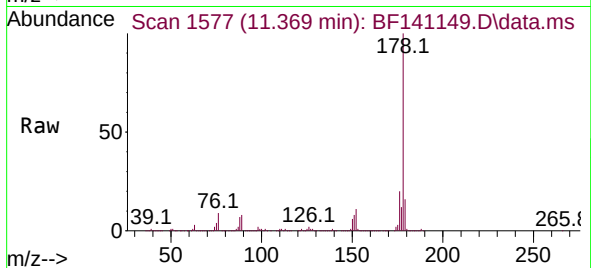
Tgt Ion:178 Resp: 171555
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.6 19.0

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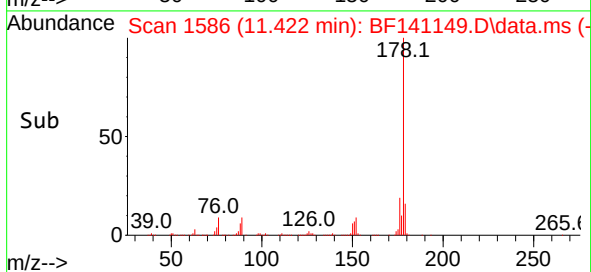
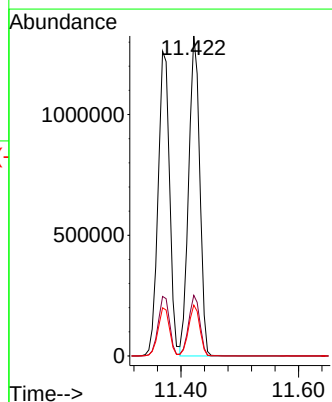
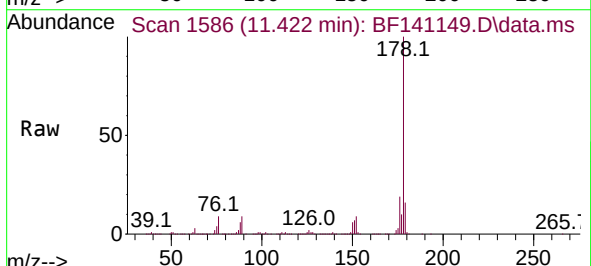
01/14/2025
Supervised By :mohammad
ahmed

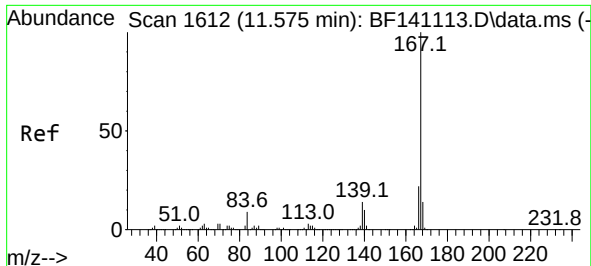
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#72
Anthracene
Concen: 56.378 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

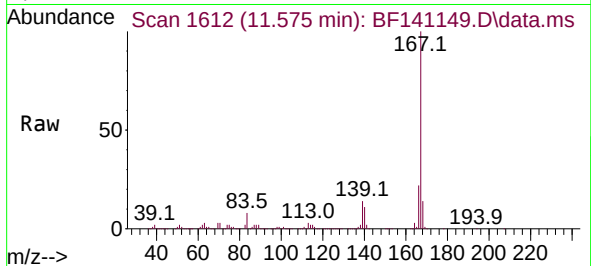
Tgt Ion:178 Resp: 1728141
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 54.739 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141149.D
 Acq: 14 Jan 2025 16:53

Instrument :
 BNA_F
 ClientSampleId :
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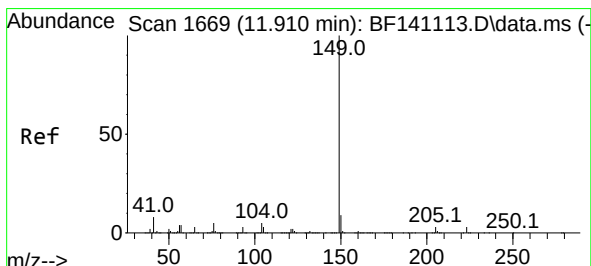
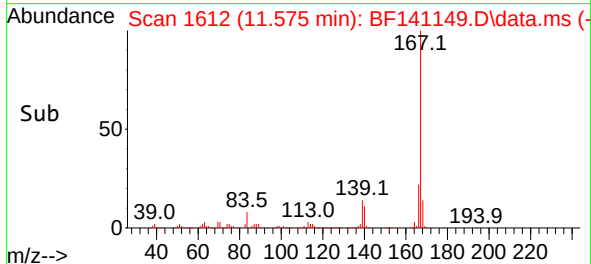
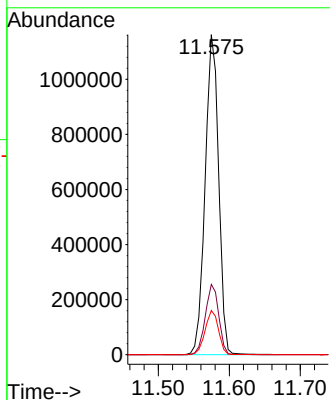
Tgt Ion:167 Resp: 153851
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.8 10.9 16.3

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 Patel

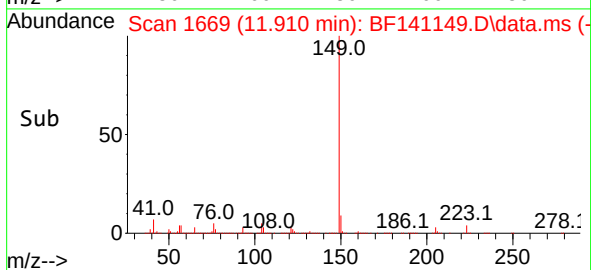
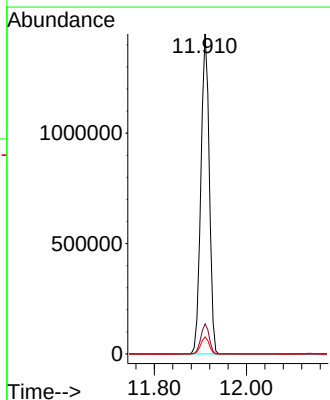
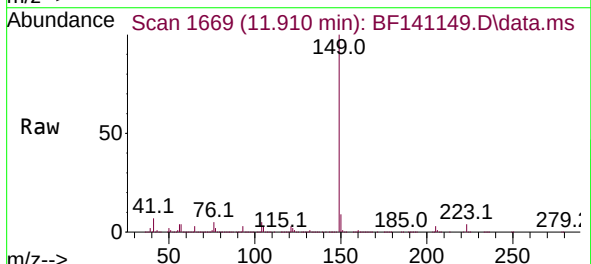
01/14/2025
 Supervised By :mohammad
 ahmed

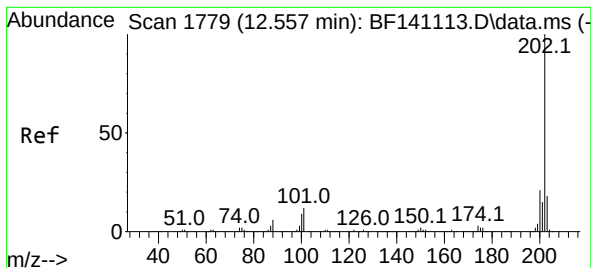
01/14/2025



#74
 Di-n-butylphthalate
 Concen: 57.212 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF141149.D
 Acq: 14 Jan 2025 16:53

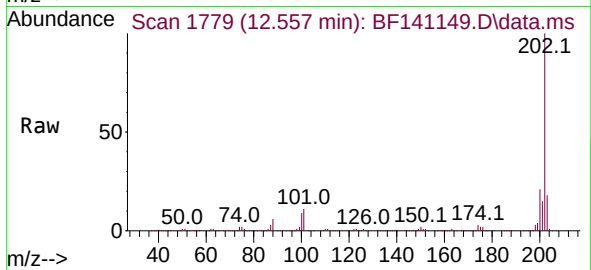
Tgt Ion:149 Resp: 1840254
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 56.487 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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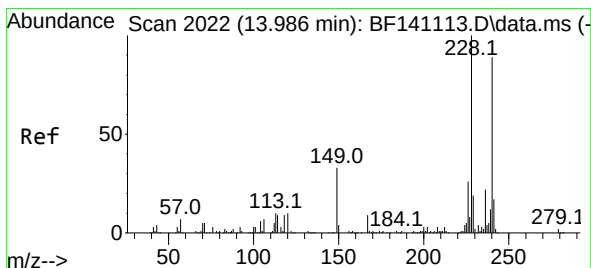
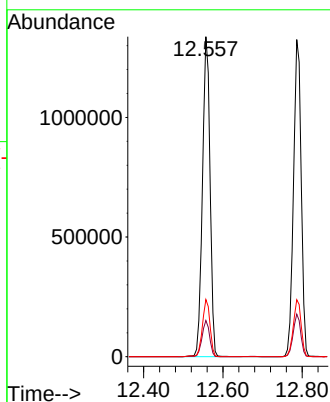
Tgt Ion:202 Resp: 177696
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.3
203 17.8 0.0 37.7

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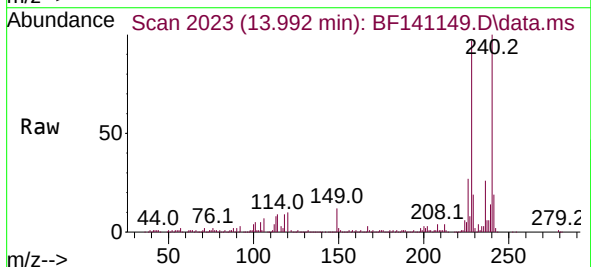
Reviewed By :Yogesh
Patel

01/14/2025
Supervised By :mohammad
ahmed

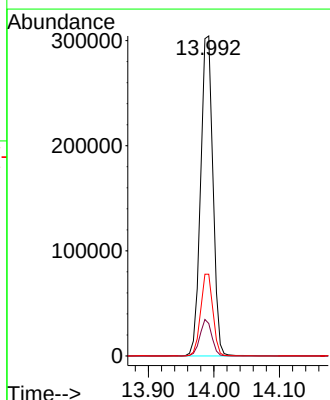
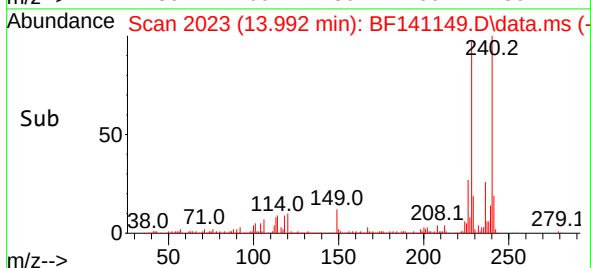
01/14/2025

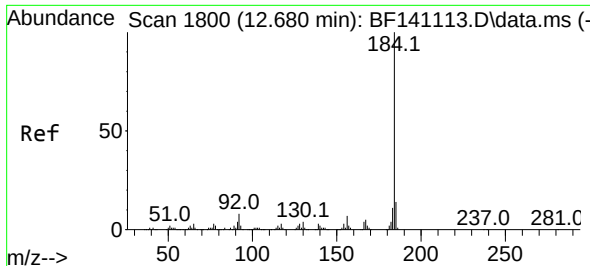


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53



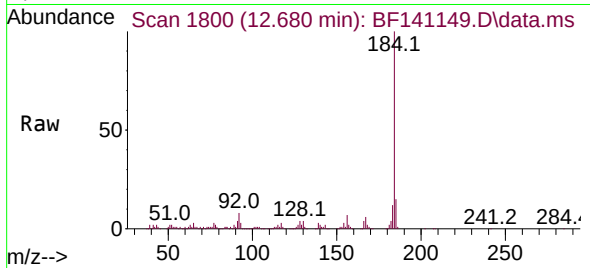
Tgt Ion:240 Resp: 398217
Ion Ratio Lower Upper
240 100
120 10.2 9.1 13.7
236 25.6 19.8 29.6





#77
Benzidine
Concen: 31.824 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



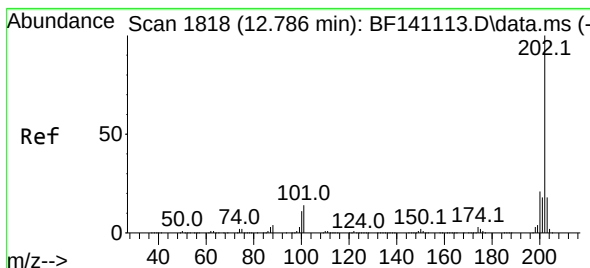
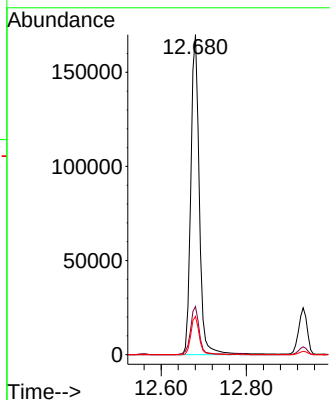
Tgt Ion:184 Resp: 235010
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.0
183 12.0 9.2 13.8

Manual Integrations
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Reviewed By :Yogesh
Patel

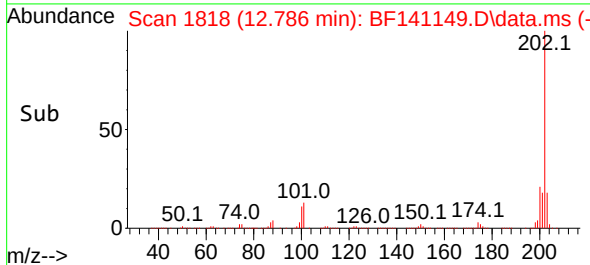
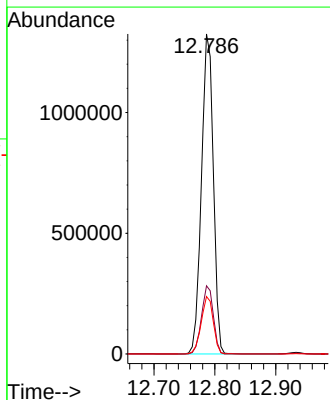
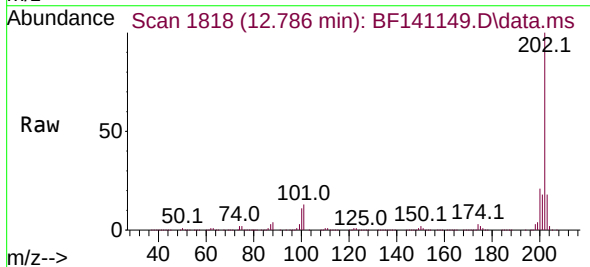
01/14/2025
Supervised By :mohammad
ahmed

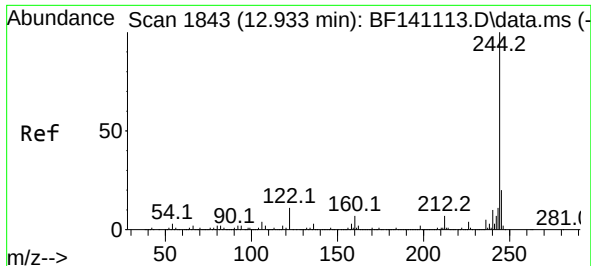
01/14/2025



#78
Pyrene
Concen: 47.086 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

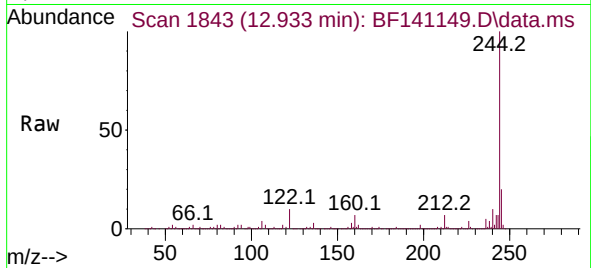
Tgt Ion:202 Resp: 1790916
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 18.0 14.3 21.5





#79
 Terphenyl-d14
 Concen: 98.116 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF141149.D
 Acq: 14 Jan 2025 16:53

Instrument :
 BNA_F
 ClientSampleId :
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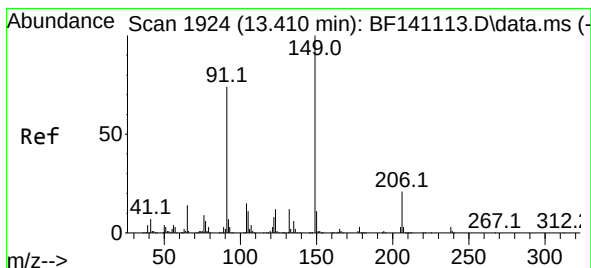
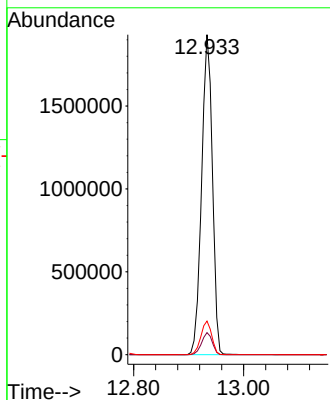
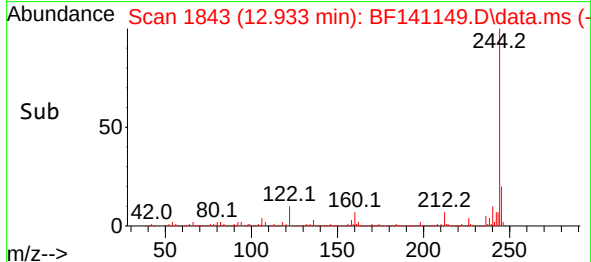
Tgt Ion:244 Resp: 2628772
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.5 8.8 13.2

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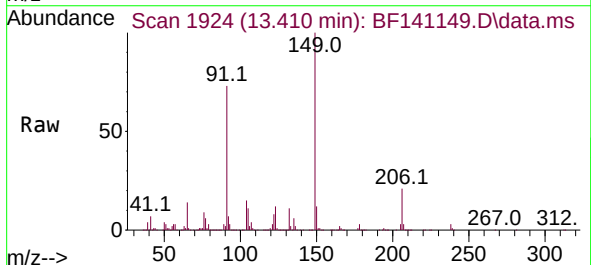
Reviewed By :Yogesh
 Patel

01/14/2025
 Supervised By :mohammad
 ahmed

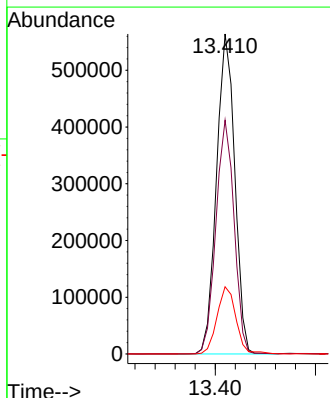
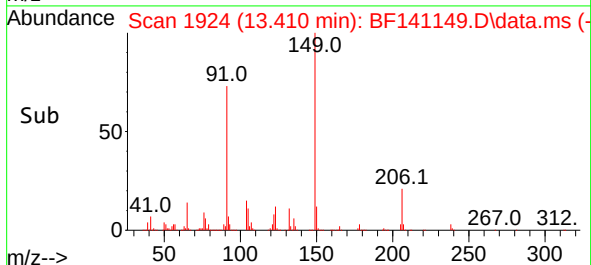
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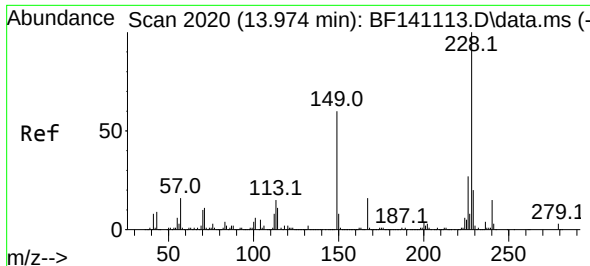


#80
 Butylbenzylphthalate
 Concen: 56.332 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF141149.D
 Acq: 14 Jan 2025 16:53



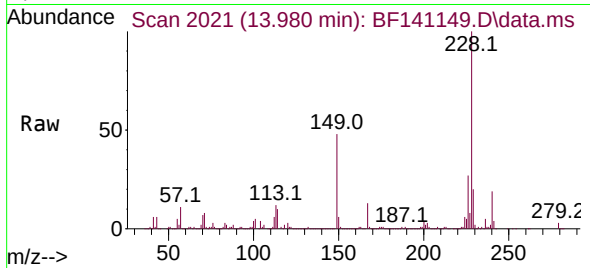
Tgt Ion:149 Resp: 714355
 Ion Ratio Lower Upper
 149 100
 91 73.1 59.0 88.6
 206 21.0 16.5 24.7





#81
Benzo(a)anthracene
Concen: 52.855 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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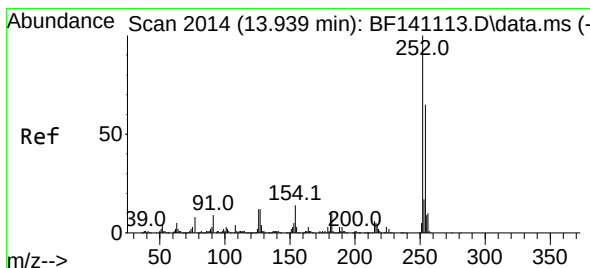
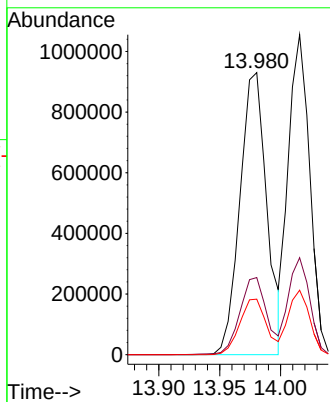
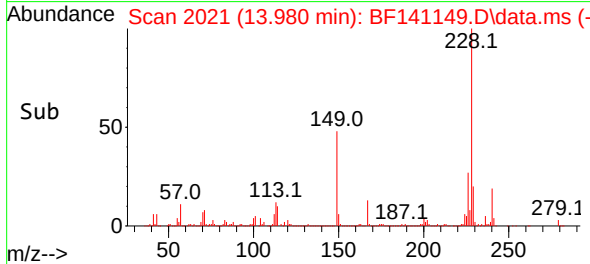
Tgt Ion:228 Resp: 1432425
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.7 15.7 23.5

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Patel

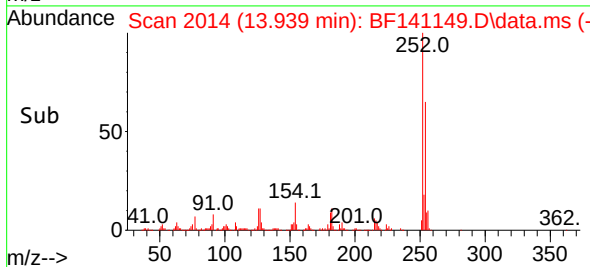
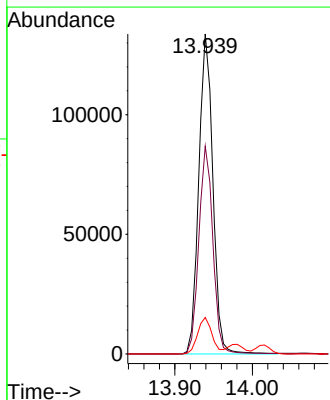
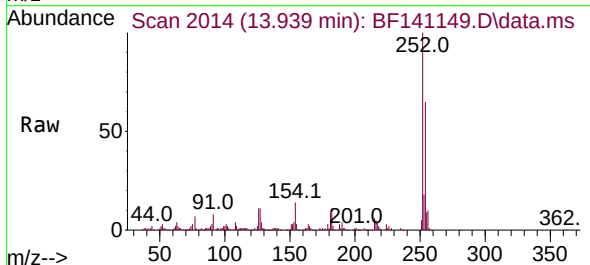
01/14/2025
Supervised By :mohammad
ahmed

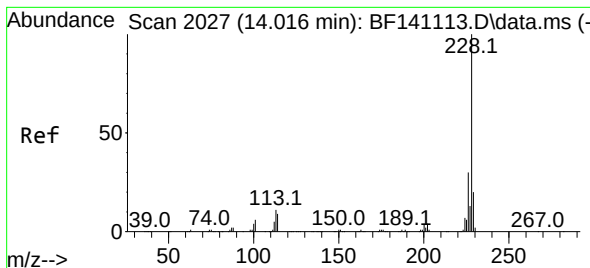
01/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.568 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Tgt Ion:252 Resp: 168857
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 11.4 9.4 14.0





#83

Chrysene

Concen: 50.981 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141149.D

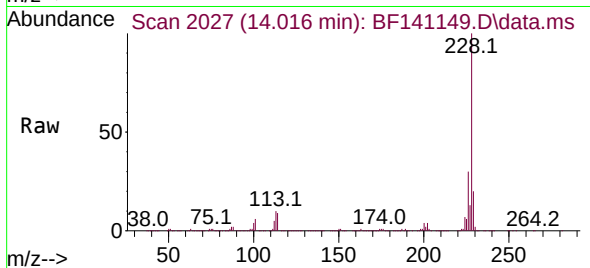
Acq: 14 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:228 Resp: 1292779

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 20.1 15.8 23.8

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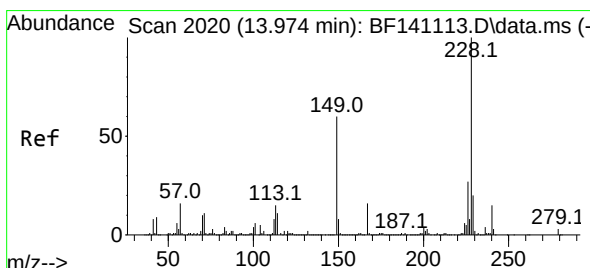
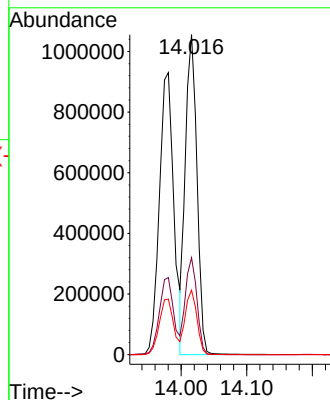
Reviewed By :Yogesh

Patel

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ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 58.413 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141149.D

Acq: 14 Jan 2025 16:53

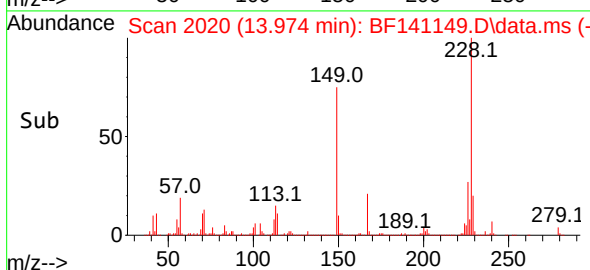
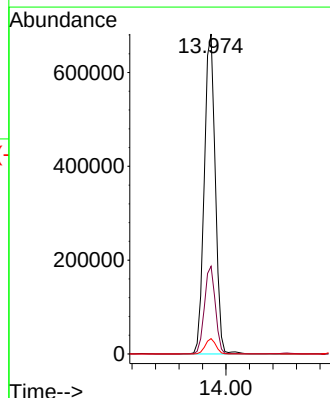
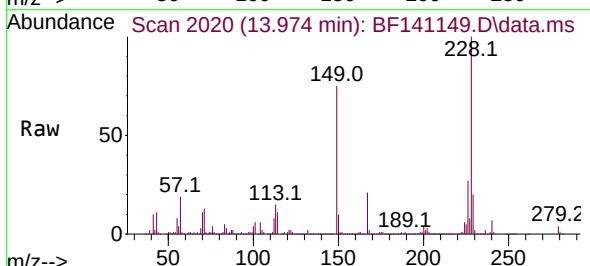
Tgt Ion:149 Resp: 888789

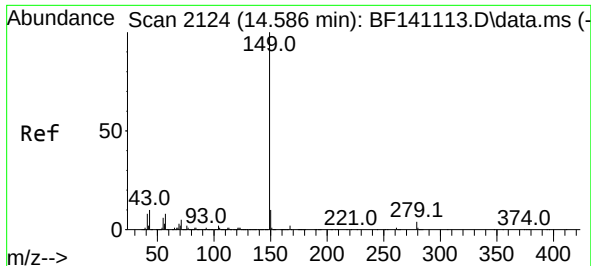
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.2

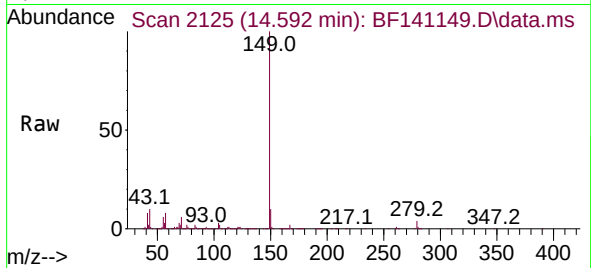
279 4.8 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 60.259 ng
RT: 14.592 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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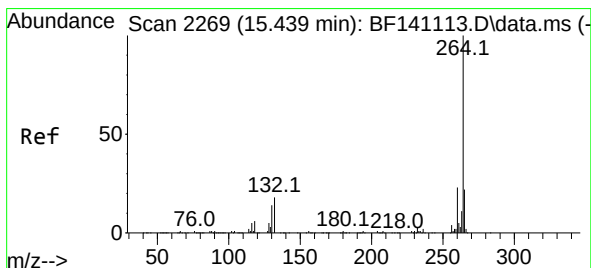
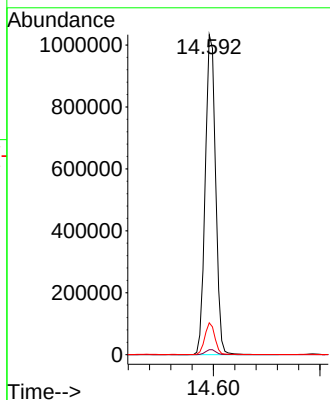
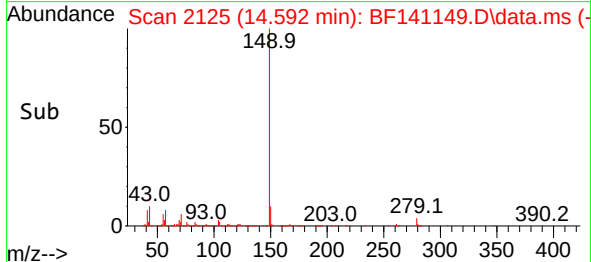
Tgt Ion:149 Resp: 138453
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.6 8.4 12.6

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Patel

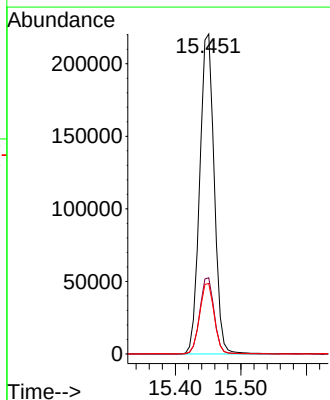
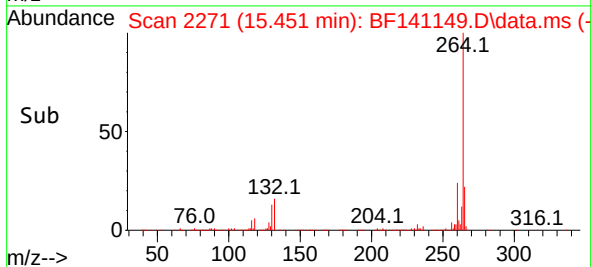
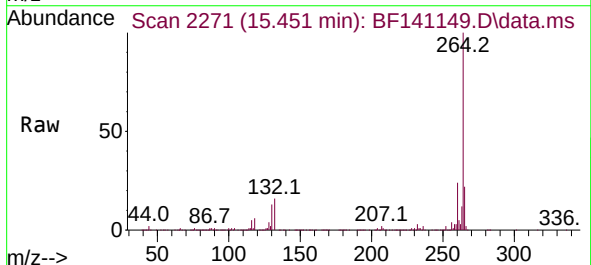
01/14/2025
Supervised By :mohammad
ahmed

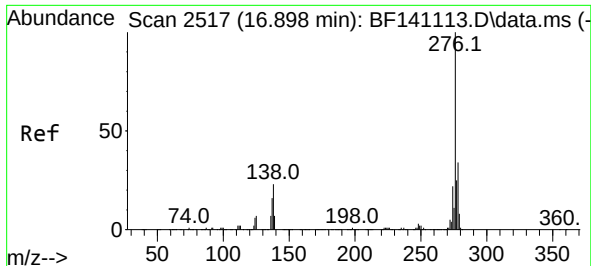
01/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

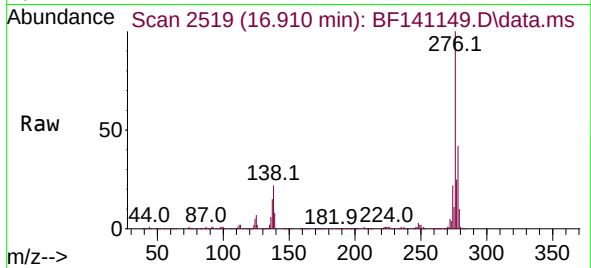
Tgt Ion:264 Resp: 339803
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.071 ng
RT: 16.910 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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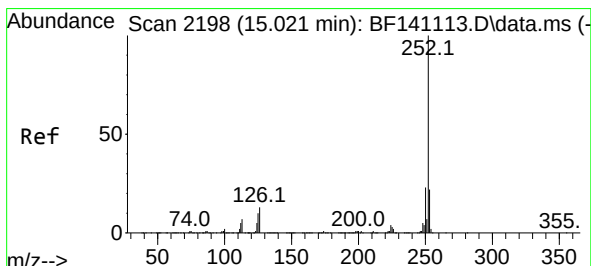
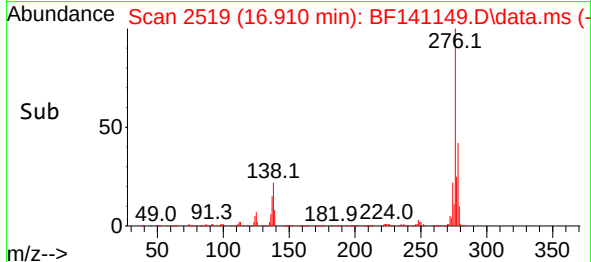
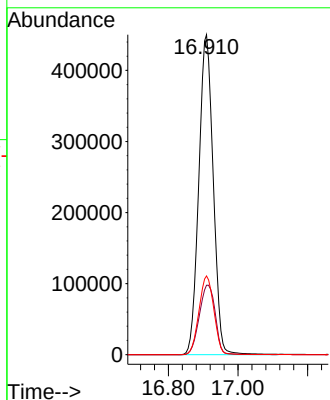
Tgt Ion:276 Resp: 1296299
Ion Ratio Lower Upper
276 100
138 24.1 20.7 31.1
277 25.5 20.6 30.8

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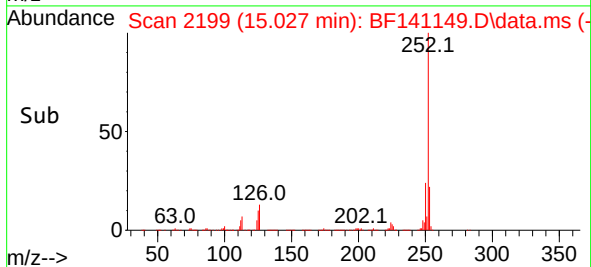
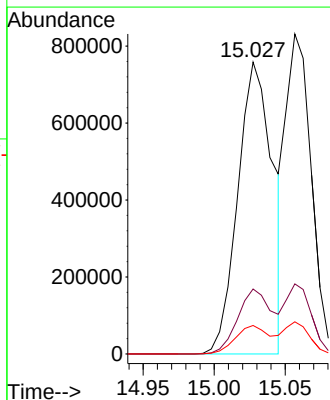
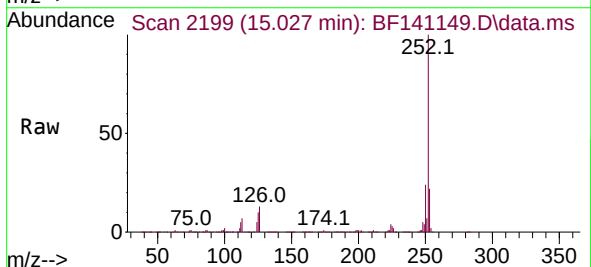
01/14/2025
Supervised By :mohammad
ahmed

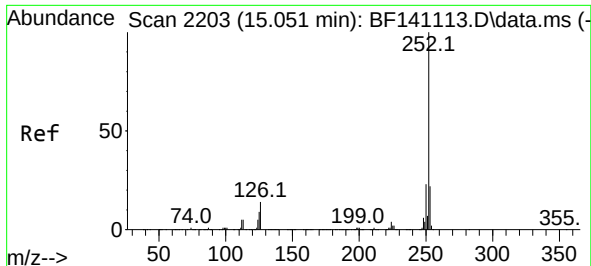
01/14/2025



#88
Benzo(b)fluoranthene
Concen: 59.125 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

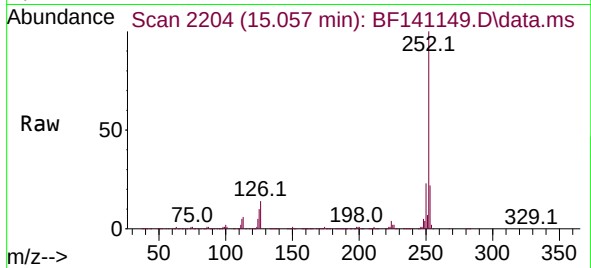
Tgt Ion:252 Resp: 1295519
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.8 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 56.600 ng
RT: 15.057 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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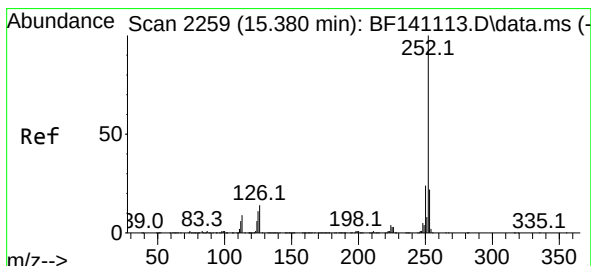
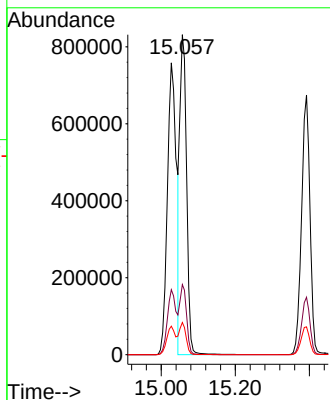
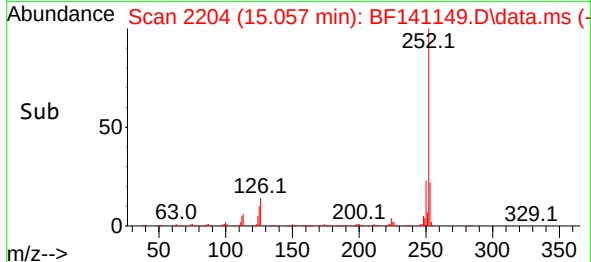
Tgt Ion:252 Resp: 1048080
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.0 7.9 11.9

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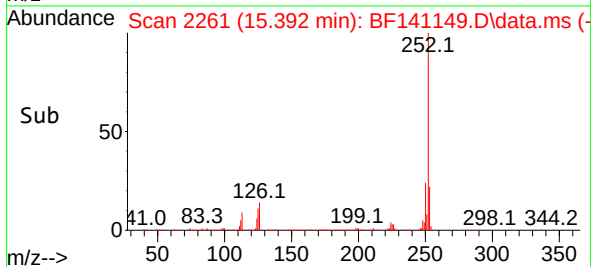
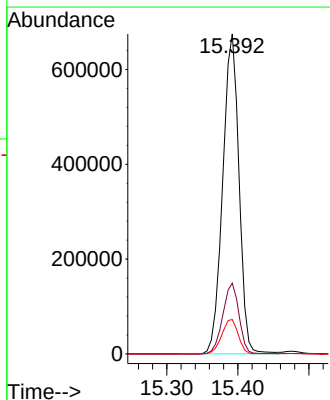
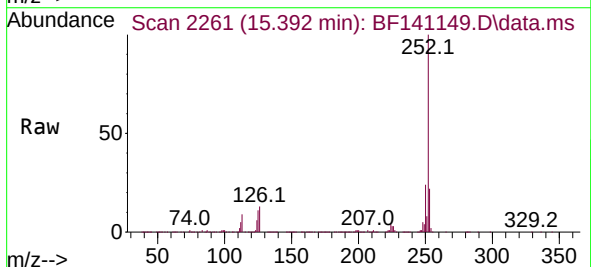
01/14/2025
Supervised By :mohammad
ahmed

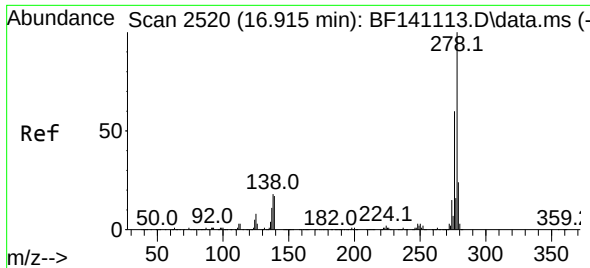
01/14/2025



#90
Benzo(a)pyrene
Concen: 59.139 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

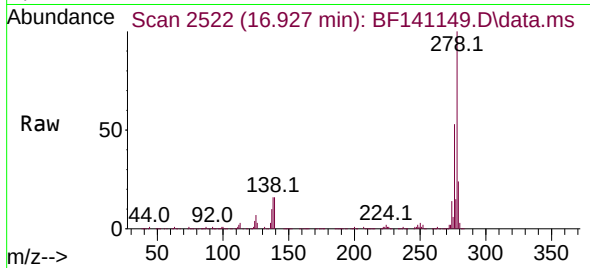
Tgt Ion:252 Resp: 1069136
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.7 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 51.870 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.012 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
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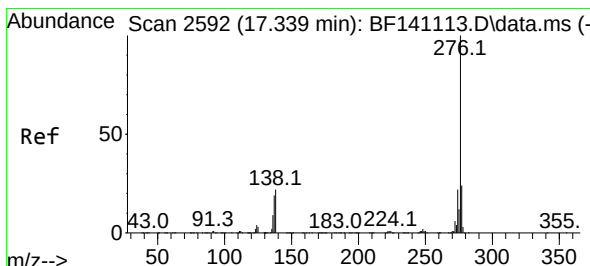
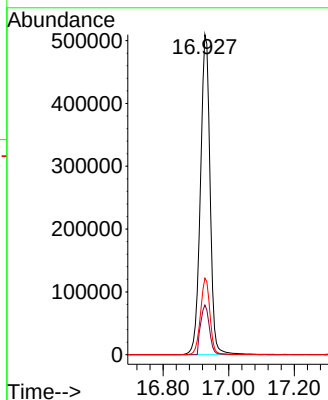
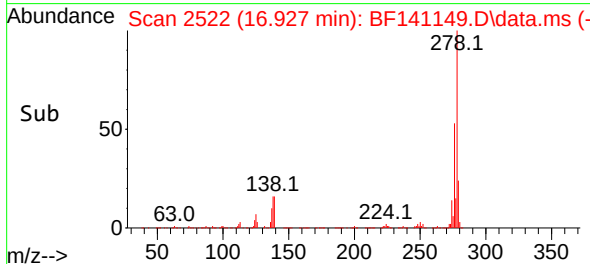
Tgt Ion:278 Resp: 104440
Ion Ratio Lower Upper
278 100
139 15.5 13.8 20.6
279 23.9 19.1 28.7

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Patel

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Supervised By :mohammad
ahmed

01/14/2025



#92
Benzo(g,h,i)perylene
Concen: 46.286 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF141149.D
Acq: 14 Jan 2025 16:53

Tgt Ion:276 Resp: 969401
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.3 17.4 26.2

