

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140154.D
 Acq On : 30 Oct 2024 13:43
 Operator : RC/JU
 Sample : PB164531BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164531BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

11/04/2024
 Supervised By :mohammad
 ahmed

Quant Time: Oct 30 14:28:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	105620	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	408885	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	234784	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	443747	20.000	ng	0.00
76) Chrysene-d12	14.074	240	268777	20.000	ng	0.02
86) Perylene-d12	15.574	264	246640	20.000	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	888404	131.678	ng	0.01
7) Phenol-d6	6.510	99	1131139	129.448	ng	0.00
23) Nitrobenzene-d5	7.445	82	774829	105.027	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	351986	160.278	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1418927	99.881	ng	0.00
79) Terphenyl-d14	13.010	244	1639392	99.389	ng	0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.758	88	130252	41.407	ng 100
3) Pyridine	3.505	79	325121	41.697	ng 96
4) n-Nitrosodimethylamine	3.463	42	207894	49.626	ng # 93
6) Aniline	6.546	93	411553	50.536	ng 99
8) 2-Chlorophenol	6.669	128	360539	52.273	ng 99
9) Benzaldehyde	6.434	77	66464	13.521	ng 99
10) Phenol	6.522	94	449863m	49.937	ng
11) bis(2-Chloroethyl)ether	6.622	93	354492	50.911	ng 99
12) 1,3-Dichlorobenzene	6.828	146	388045	49.011	ng 99
13) 1,4-Dichlorobenzene	6.898	146	392076	49.567	ng 98
14) 1,2-Dichlorobenzene	7.051	146	374091	50.673	ng 99
15) Benzyl Alcohol	7.022	79	340672	53.149	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	621636	52.358	ng 99
17) 2-Methylphenol	7.128	107	299763	50.969	ng 98
18) Hexachloroethane	7.393	117	146702	52.008	ng 100
19) n-Nitroso-di-n-propyla...	7.293	70	266508	50.288	ng 100
20) 3+4-Methylphenols	7.281	107	366247	48.686	ng # 87
22) Acetophenone	7.293	105	494591	49.385	ng 99
24) Nitrobenzene	7.463	77	410928	50.803	ng 99
25) Isophorone	7.698	82	740247	52.866	ng 99
26) 2-Nitrophenol	7.781	139	187293	61.378	ng 98
27) 2,4-Dimethylphenol	7.810	122	299480	58.858	ng 97
28) bis(2-Chloroethoxy)met...	7.910	93	434154	51.176	ng 100
29) 2,4-Dichlorophenol	8.016	162	307502	53.059	ng 99
30) 1,2,4-Trichlorobenzene	8.104	180	317020	49.435	ng 99
31) Naphthalene	8.187	128	1063751	50.444	ng 100
32) Benzoic acid	7.928	122	226251	50.982	ng 99
33) 4-Chloroaniline	8.228	127	257021	35.744	ng 99
34) Hexachlorobutadiene	8.298	225	210472	52.236	ng 99
35) Caprolactam	8.604	113	96014m	52.103	ng
36) 4-Chloro-3-methylphenol	8.710	107	341638	53.237	ng 99
37) 2-Methylnaphthalene	8.875	142	678725	52.553	ng 98
38) 1-Methylnaphthalene	8.975	142	635477	50.152	ng 99
40) 1,2,4,5-Tetrachloroben...	9.045	216	320179	50.548	ng 99
41) Hexachlorocyclopentadiene	9.028	237	427659	194.041	ng 99
43) 2,4,6-Trichlorophenol	9.157	196	244563	54.535	ng 100

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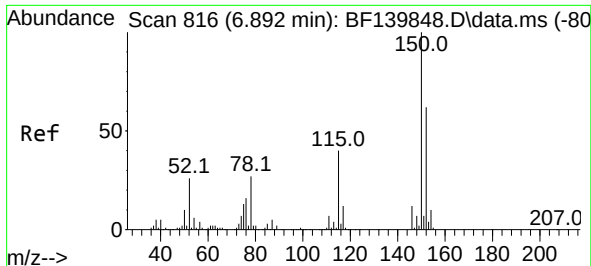
Reviewed By :Yogesh
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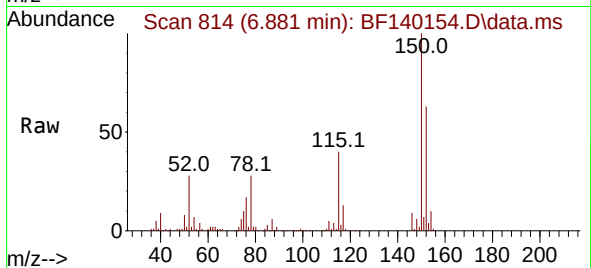
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.198	196	237854	51.408	ng	99	
46) 1,1'-Biphenyl	9.345	154	823749	50.399	ng	99	
47) 2-Chloronaphthalene	9.369	162	655209	49.773	ng	99	
48) 2-Nitroaniline	9.463	65	244166	60.645	ng	99	
49) Acenaphthylene	9.787	152	1036967	54.488	ng	99	
50) Dimethylphthalate	9.651	163	794006	54.294	ng	100	
51) 2,6-Dinitrotoluene	9.710	165	176385	55.705	ng	98	
52) Acenaphthene	9.963	154	746544	60.639	ng	100	
53) 3-Nitroaniline	9.881	138	140362	42.985	ng	95	
54) 2,4-Dinitrophenol	9.986	184	212399	154.802	ng	#	1
55) Dibenzofuran	10.134	168	922175	52.207	ng	98	
56) 4-Nitrophenol	10.039	139	292960	116.614	ng	91	
57) 2,4-Dinitrotoluene	10.116	165	241461	62.011	ng	95	
58) Fluorene	10.481	166	710796	52.833	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.251	232	203369	56.070	ng	99	
60) Diethylphthalate	10.351	149	782318	54.483	ng	99	
61) 4-Chlorophenyl-phenyle...	10.469	204	353552	52.038	ng	99	
62) 4-Nitroaniline	10.504	138	187243	60.714	ng	94	
63) Azobenzene	10.634	77	802415	52.712	ng	98	
65) 4,6-Dinitro-2-methylph...	10.528	198	139053	76.824	ng	96	
66) n-Nitrosodiphenylamine	10.592	169	657328	49.493	ng	99	
67) 4-Bromophenyl-phenylether	10.963	248	231219	50.579	ng	98	
68) Hexachlorobenzene	11.028	284	257457	50.076	ng	99	
69) Atrazine	11.122	200	223781	62.201	ng	99	
70) Pentachlorophenol	11.222	266	323136	103.559	ng	99	
71) Phenanthrene	11.445	178	1062070	50.670	ng	100	
72) Anthracene	11.498	178	1090470	53.321	ng	100	
73) Carbazole	11.651	167	962896	50.626	ng	99	
74) Di-n-butylphthalate	11.980	149	1223149	55.662	ng	99	
75) Fluoranthene	12.633	202	1117308	52.729	ng	99	
77) Benzidine	12.757	184	223450	50.559	ng	97	
78) Pyrene	12.869	202	1145259	48.679	ng	100	
80) Butylbenzylphthalate	13.486	149	459601	65.160	ng	99	
81) Benzo(a)anthracene	14.057	228	923039	52.756	ng	100	
82) 3,3'-Dichlorobenzidine	14.022	252	221747	43.468	ng	99	
83) Chrysene	14.098	228	849568	52.958	ng	100	
84) Bis(2-ethylhexyl)phtha...	14.051	149	599211	75.719	ng	99	
85) Di-n-octyl phthalate	14.680	149	946177	65.735	ng	99	
87) Indeno(1,2,3-cd)pyrene	17.098	276	865265	54.532	ng	98	
88) Benzo(b)fluoranthene	15.133	252	824119	54.853	ng	99	
89) Benzo(k)fluoranthene	15.169	252	723371	55.828	ng	99	
90) Benzo(a)pyrene	15.510	252	723819	58.550	ng	100	
91) Dibenzo(a,h)anthracene	17.121	278	701220	52.976	ng	99	
92) Benzo(g,h,i)perylene	17.568	276	646218	48.876	ng	98	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
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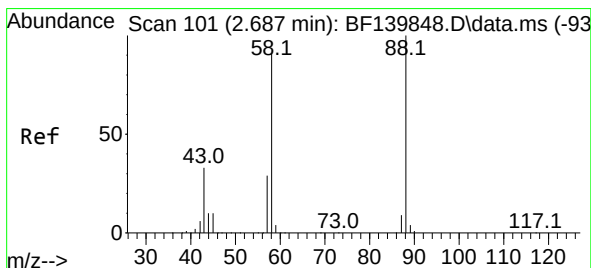
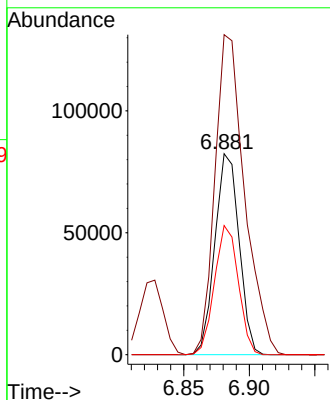
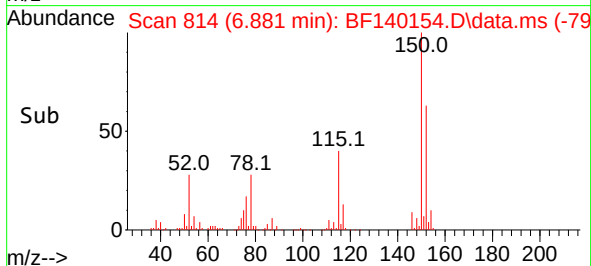
Tgt Ion:152 Resp: 105620
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.2
115 64.2 51.4 77.2

Manual Integrations
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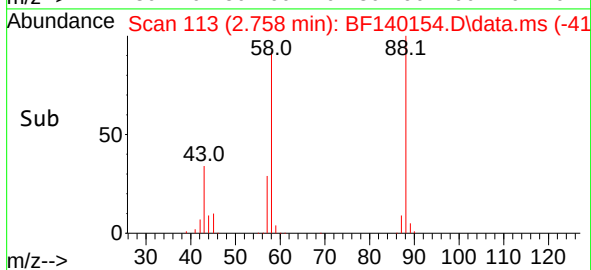
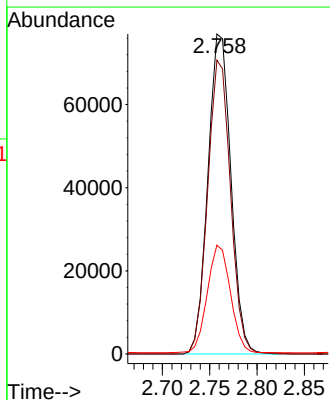
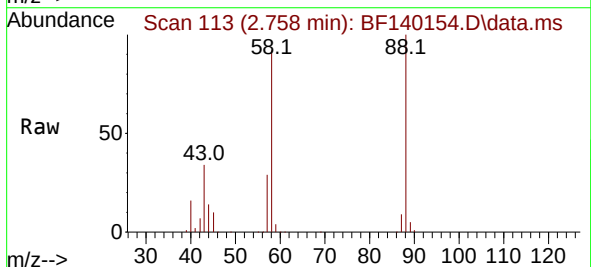
11/04/2024
Supervised By :mohammad
ahmed

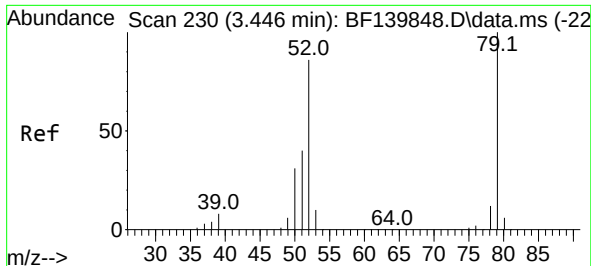
11/04/2024



#2
1,4-Dioxane
Concen: 41.407 ng
RT: 2.758 min Scan# 113
Delta R.T. 0.071 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 88 Resp: 130252
Ion Ratio Lower Upper
88 100
58 91.2 73.3 109.9
43 34.0 27.1 40.7





#3

Pyridine

Concen: 41.697 ng

RT: 3.505 min Scan# 24

Delta R.T. 0.059 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion: 79 Resp: 32512

Ion	Ratio	Lower	Upper
79	100		
52	88.4	68.5	102.7
51	43.4	32.3	48.5

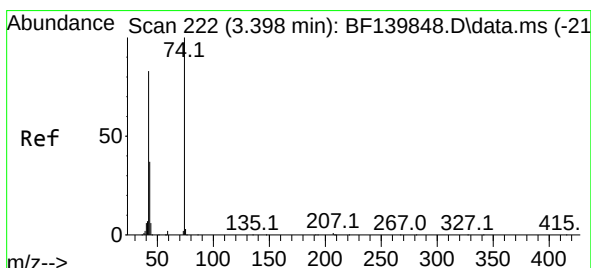
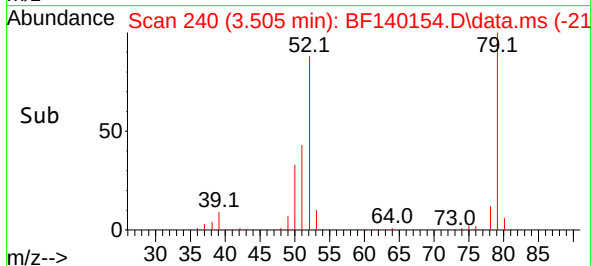
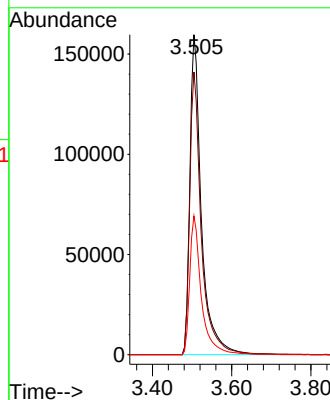
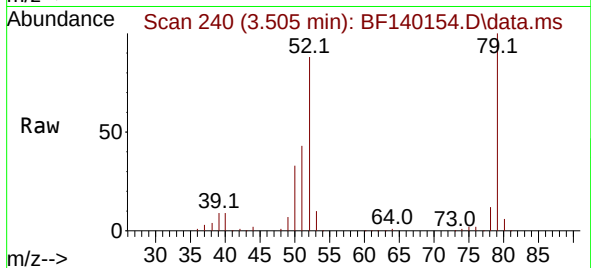
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#4

n-Nitrosodimethylamine

Concen: 49.626 ng

RT: 3.463 min Scan# 233

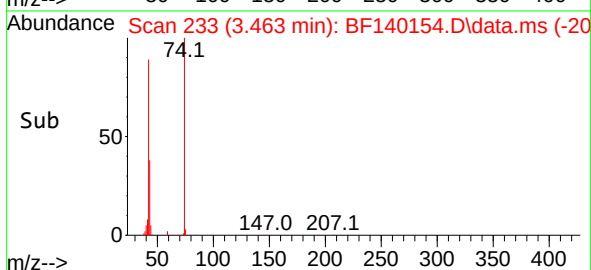
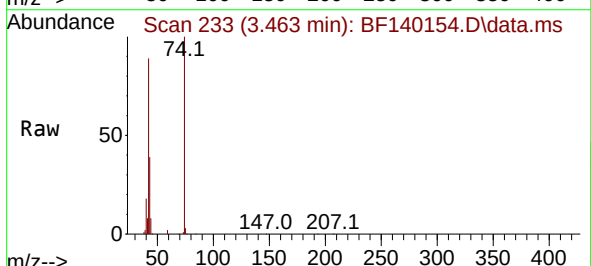
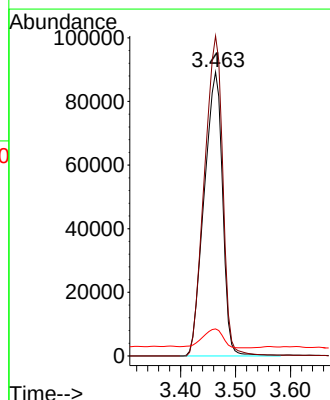
Delta R.T. 0.065 min

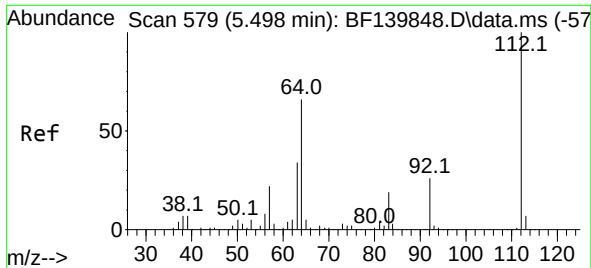
Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Tgt Ion: 42 Resp: 207894

Ion	Ratio	Lower	Upper
42	100		
74	112.7	96.2	144.4
44	9.5	6.2	9.2





#5
2-Fluorophenol
Concen: 131.678 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:112 Resp: 888404
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 35.9 27.0 40.4

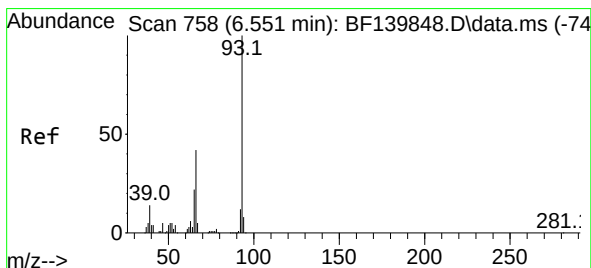
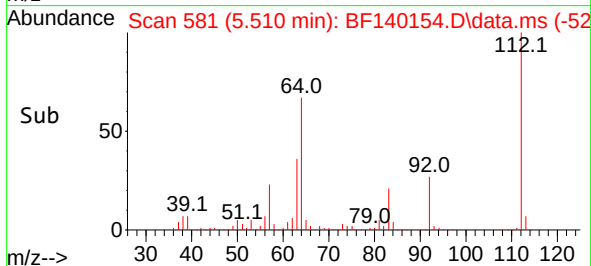
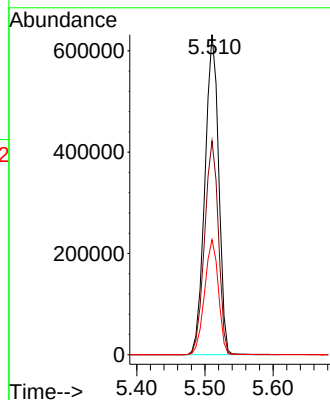
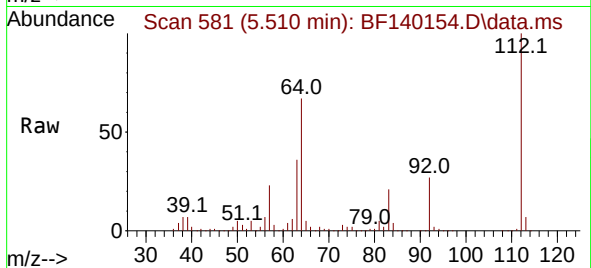
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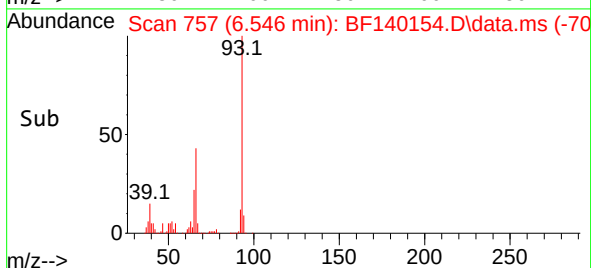
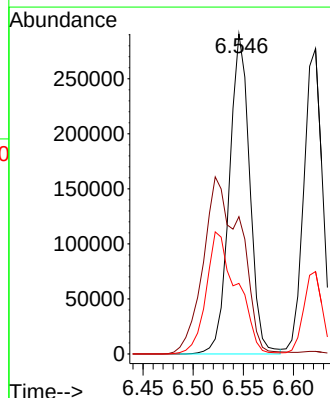
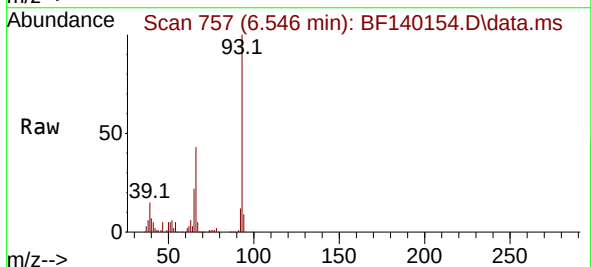
Supervised By :mohammad
ahmed

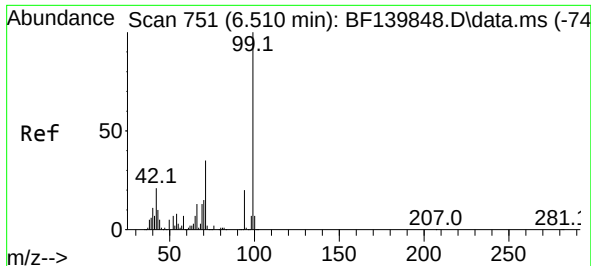
11/04/2024



#6
Aniline
Concen: 50.536 ng
RT: 6.546 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

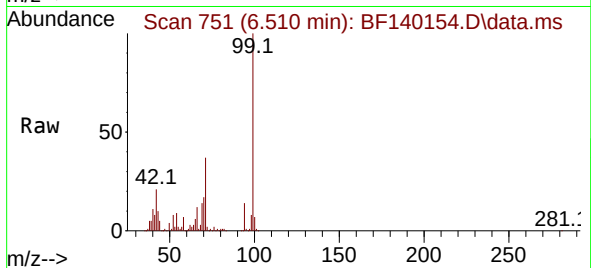
Tgt Ion: 93 Resp: 411553
Ion Ratio Lower Upper
93 100
66 42.9 34.0 51.0
65 22.1 17.4 26.0





#7
Phenol-d6
Concen: 129.448 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
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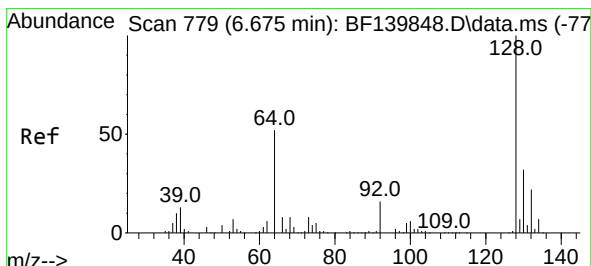
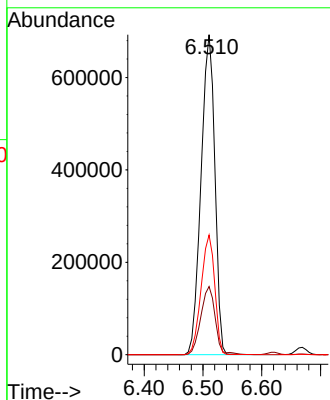
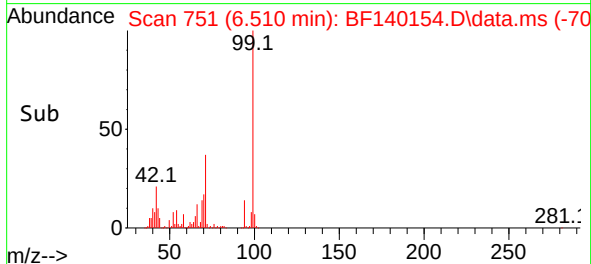
Tgt Ion: 99 Resp: 1131139
Ion Ratio Lower Upper
99 100
42 21.3 16.7 25.1
71 37.4 27.7 41.5

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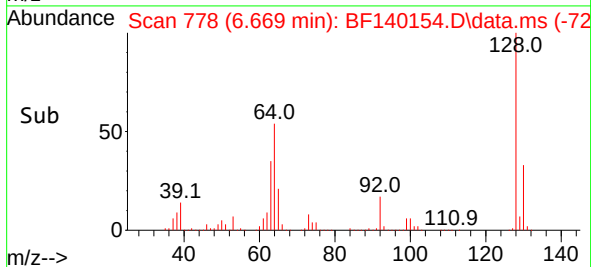
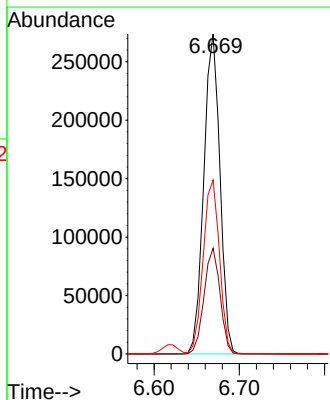
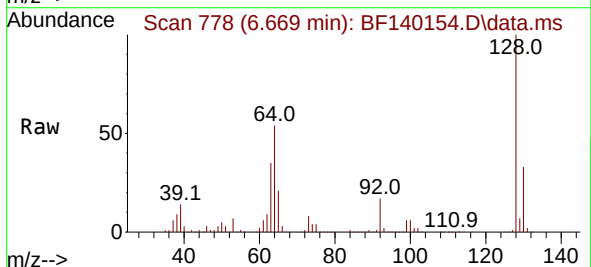
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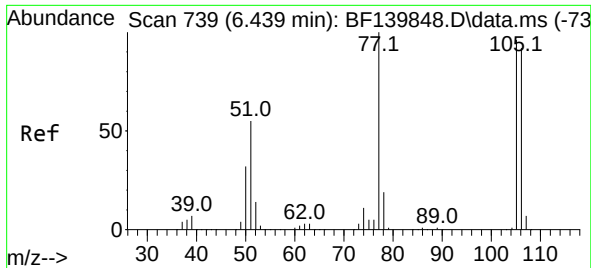
11/04/2024



#8
2-Chlorophenol
Concen: 52.273 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:128 Resp: 360539
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 54.3 34.6 74.6





#9
Benzaldehyde
Concen: 13.521 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion: 77 Resp: 66464
Ion Ratio Lower Upper
77 100
105 96.9 75.5 115.5
106 91.4 71.7 111.7

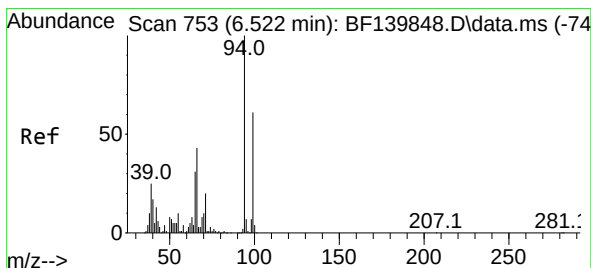
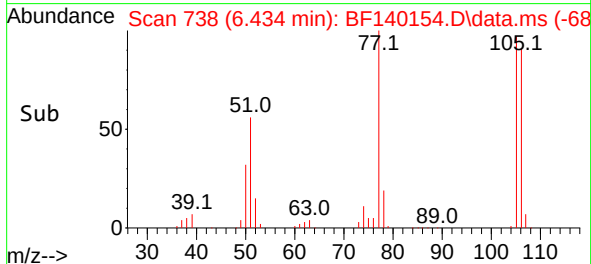
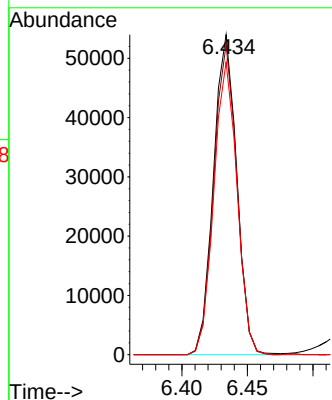
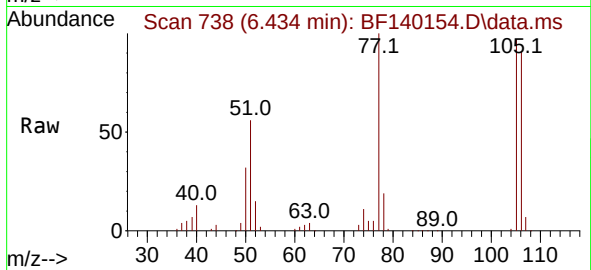
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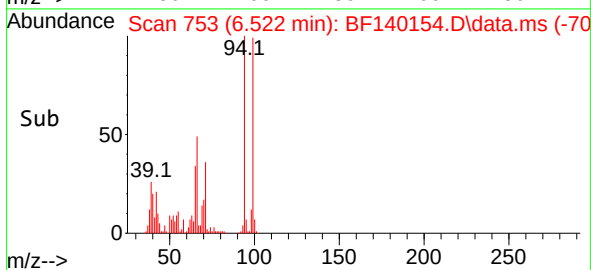
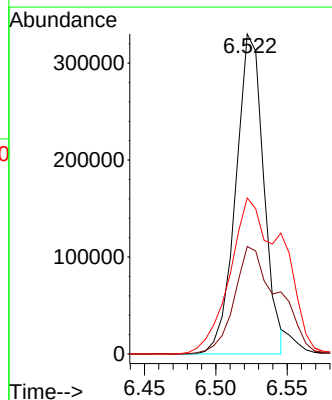
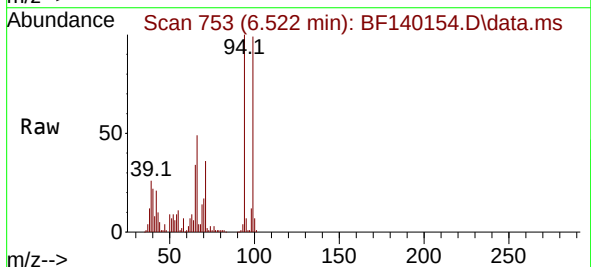
Supervised By :mohammad
ahmed

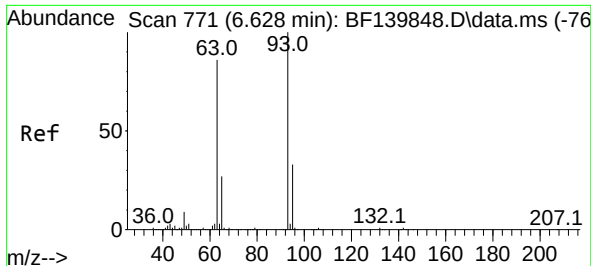
11/04/2024



#10
Phenol
Concen: 49.937 ng m
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 94 Resp: 449863
Ion Ratio Lower Upper
94 100
65 33.6 11.1 51.1
66 48.8 22.7 62.7





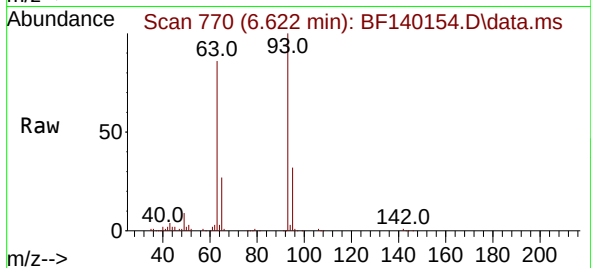
#11
bis(2-Chloroethyl)ether
Concen: 50.911 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion: 93 Resp: 354492
Ion Ratio Lower Upper
93 100
63 86.1 65.0 105.0
95 32.5 12.4 52.4

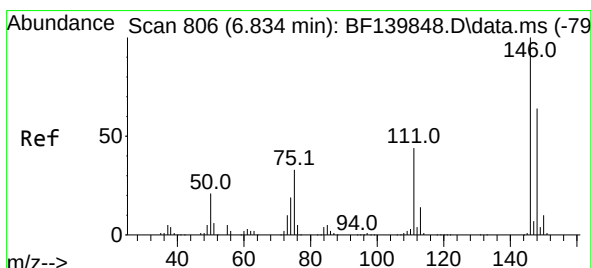
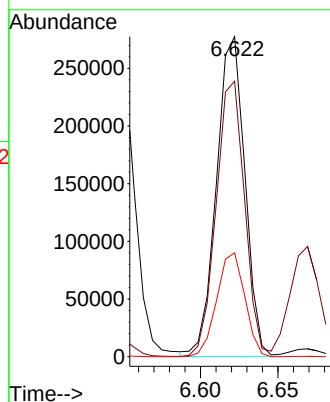
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Reviewed By :Yogesh
Patel

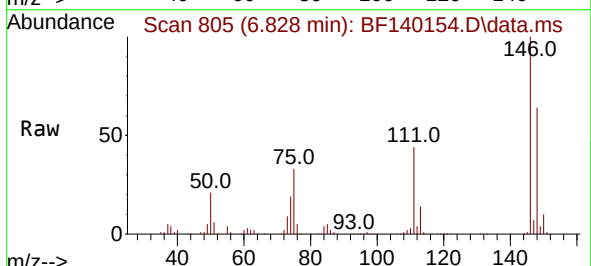
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Supervised By :mohammad
ahmed

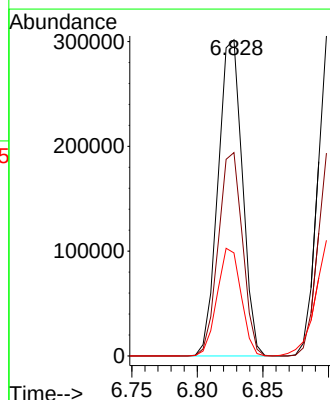
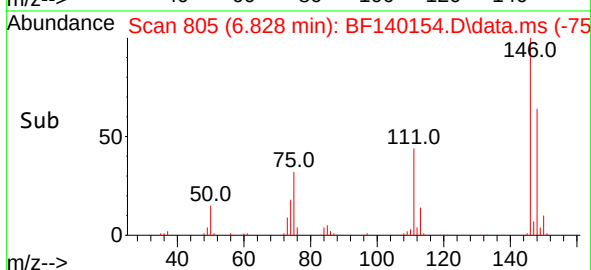
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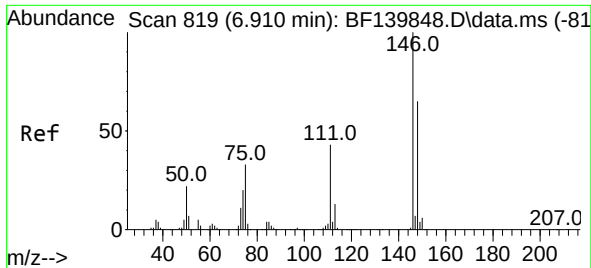


#12
1,3-Dichlorobenzene
Concen: 49.011 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



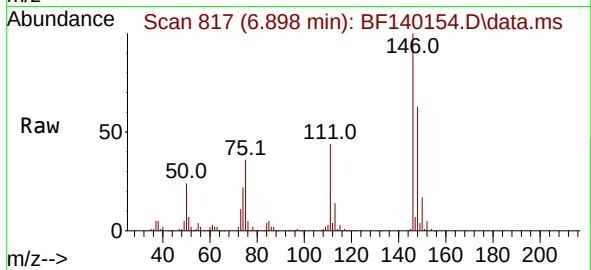
Tgt Ion:146 Resp: 388045
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.6 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 49.567 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



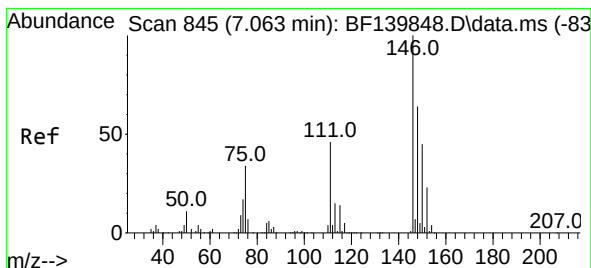
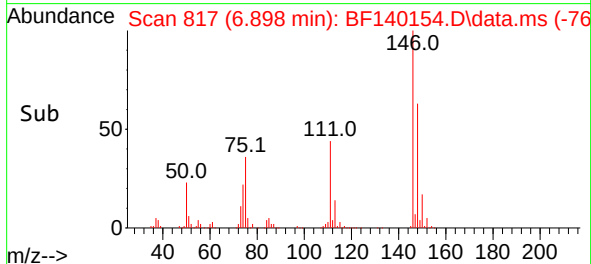
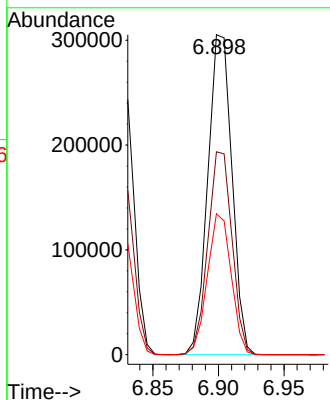
Tgt Ion:146 Resp: 392070
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 44.0 34.6 51.8

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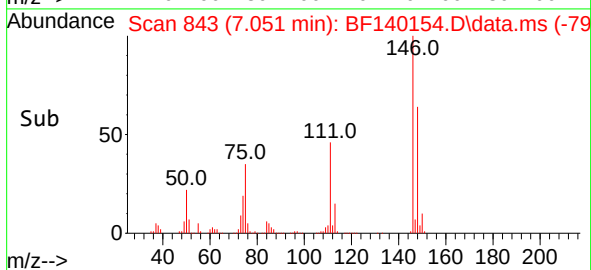
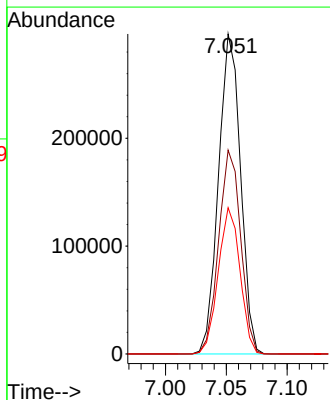
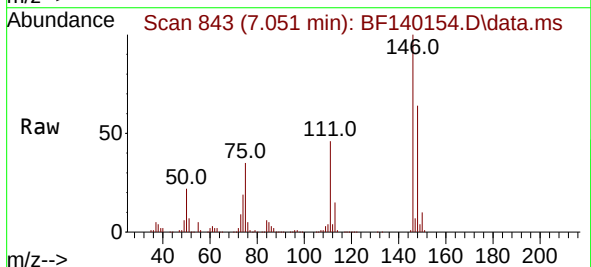
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Supervised By :mohammad
ahmed

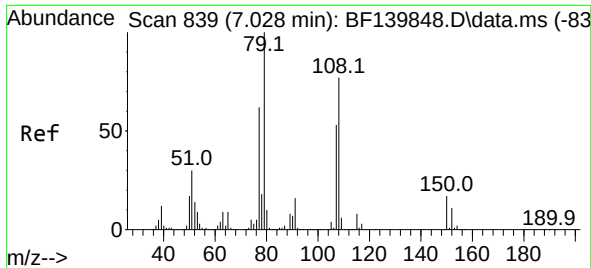
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#14
1,2-Dichlorobenzene
Concen: 50.673 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

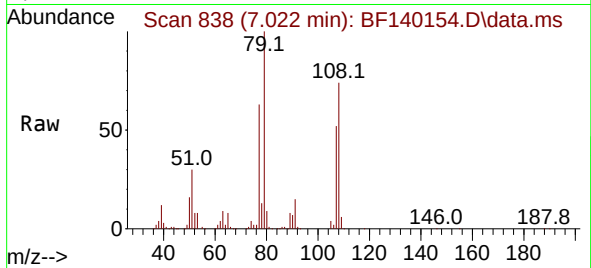
Tgt Ion:146 Resp: 374091
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 45.7 36.7 55.1





#15
Benzyl Alcohol
Concen: 53.149 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



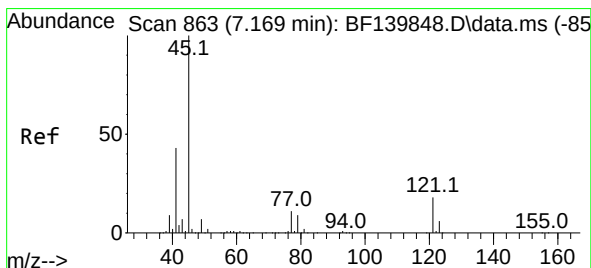
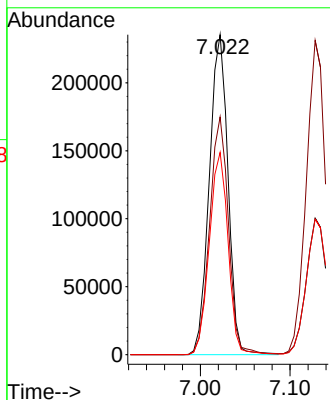
Tgt Ion: 79 Resp: 340672
Ion Ratio Lower Upper
79 100
108 74.3 61.4 92.0
77 63.2 49.9 74.9

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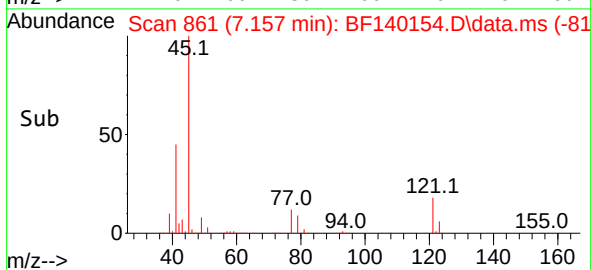
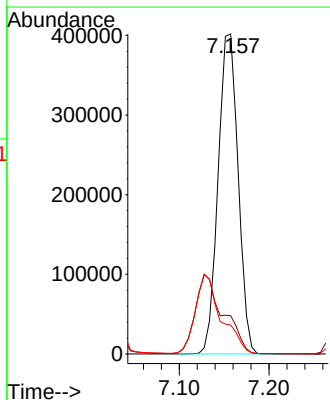
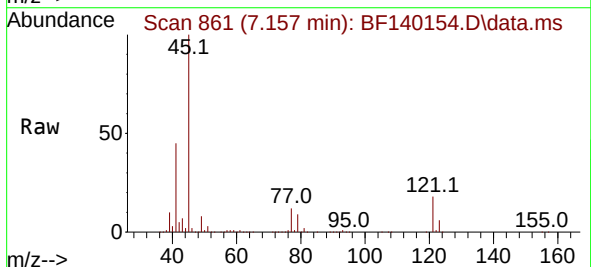
11/04/2024
Supervised By :mohammad
ahmed

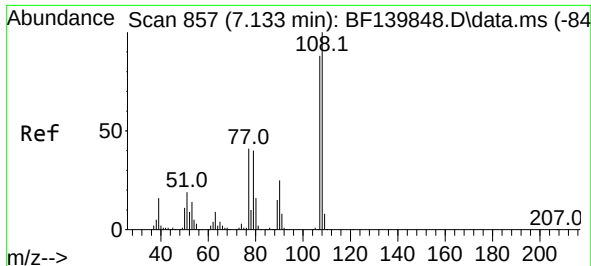
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.358 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 45 Resp: 621636
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.5
79 9.1 0.0 29.1





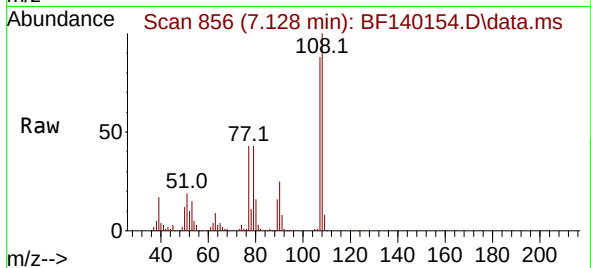
#17
2-Methylphenol
Concen: 50.969 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:107 Resp: 29976
Ion Ratio Lower Upper
107 100
108 113.7 91.3 136.9
77 49.1 37.1 55.7
79 49.3 37.0 55.6

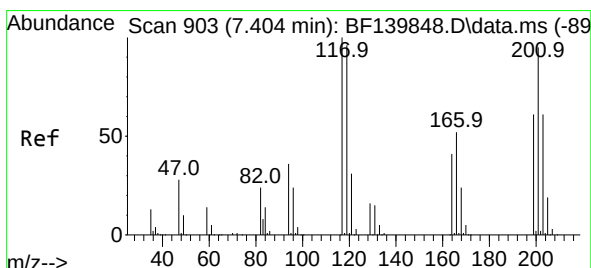
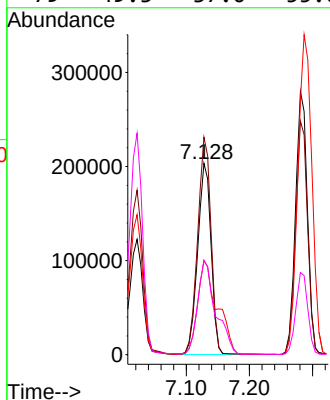
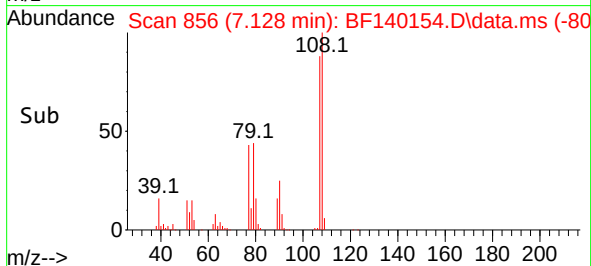
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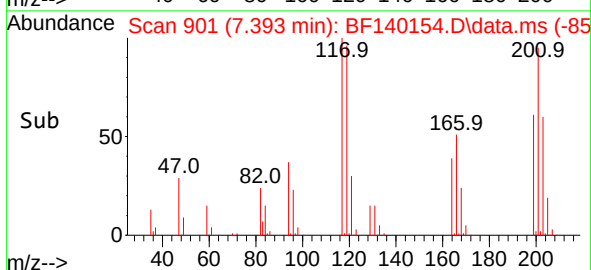
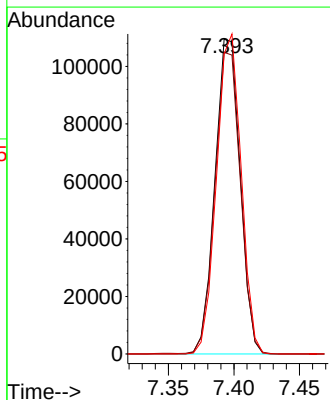
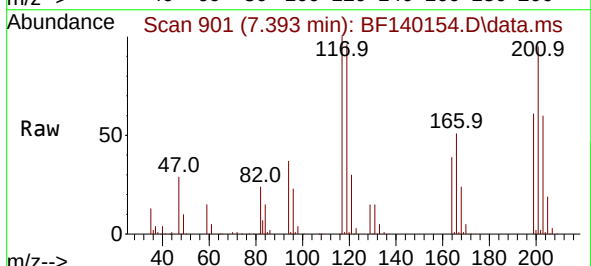
Supervised By :mohammad
ahmed

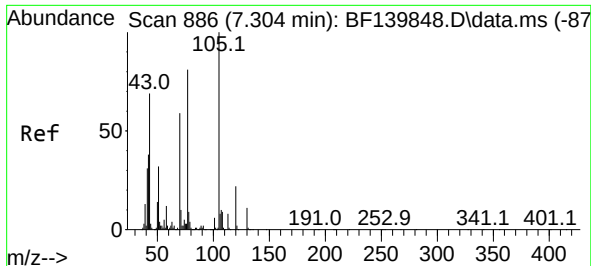
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#18
Hexachloroethane
Concen: 52.008 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

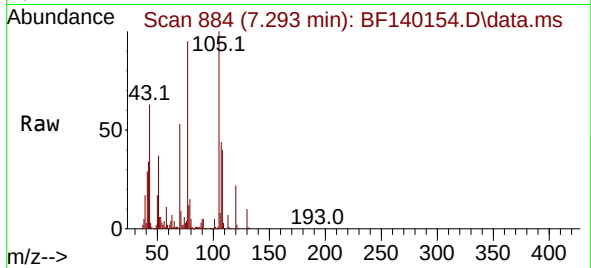
Tgt Ion:117 Resp: 146702
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4
201 95.3 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.288 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



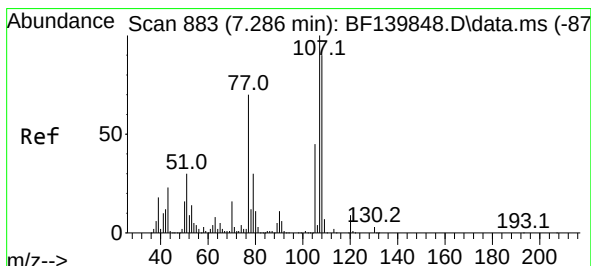
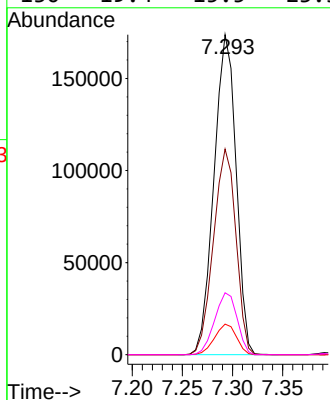
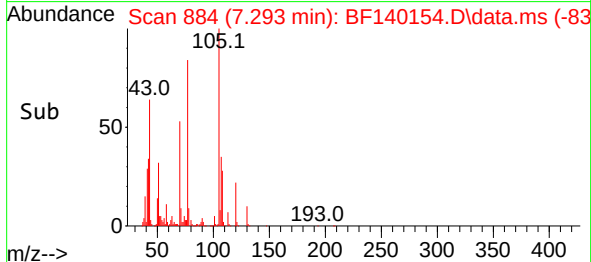
Tgt Ion: 70 Resp: 266508
Ion Ratio Lower Upper
70 100
42 64.3 51.5 77.3
101 9.6 7.5 11.3
130 19.4 15.5 23.3

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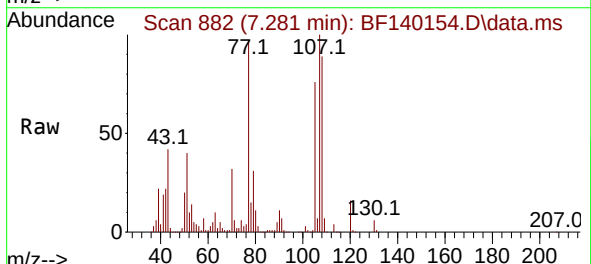
Reviewed By :Yogesh
Patel

11/04/2024
Supervised By :mohammad
ahmed

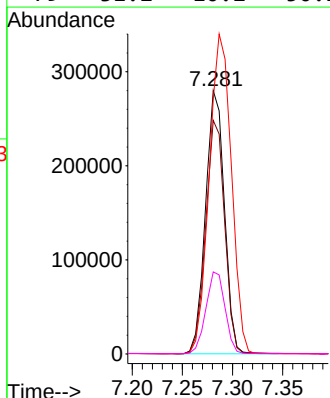
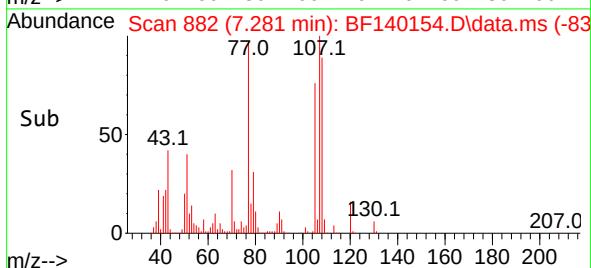
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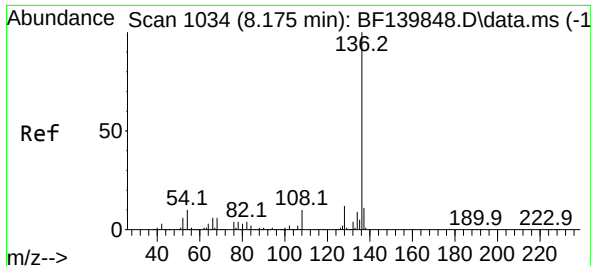


#20
3+4-Methylphenols
Concen: 48.686 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:107 Resp: 366247
Ion Ratio Lower Upper
107 100
108 88.7 69.8 109.8
77 96.8 50.5 90.5#
79 31.2 10.2 50.2





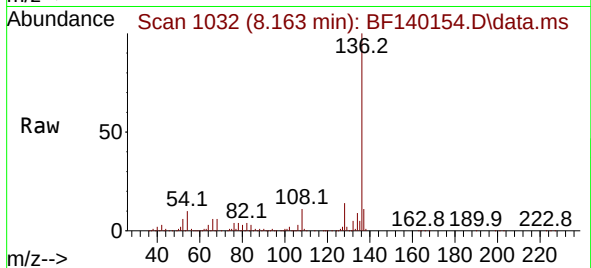
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:136 Resp: 408885
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.3 8.4 12.6
68 6.0 5.1 7.7

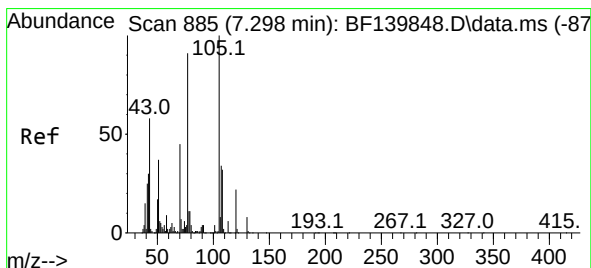
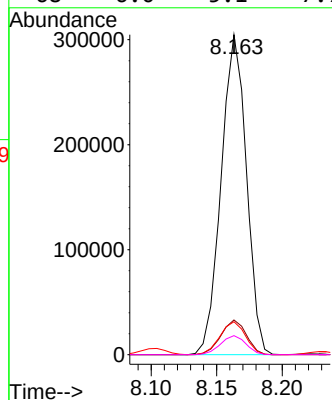
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Patel

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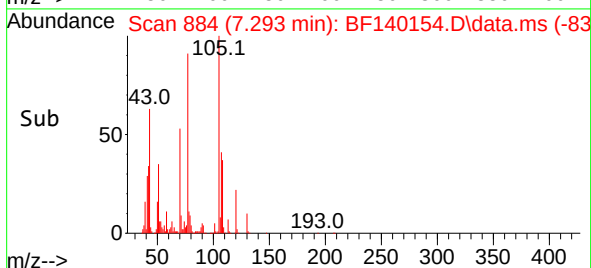
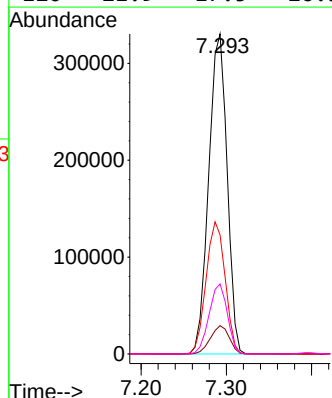
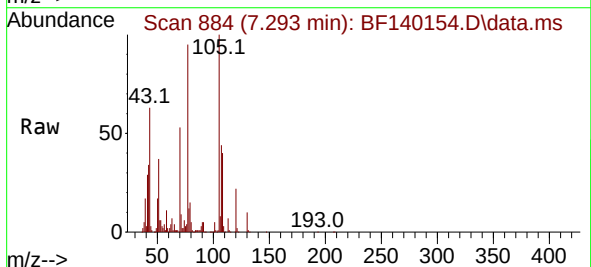
Supervised By :mohammad
ahmed

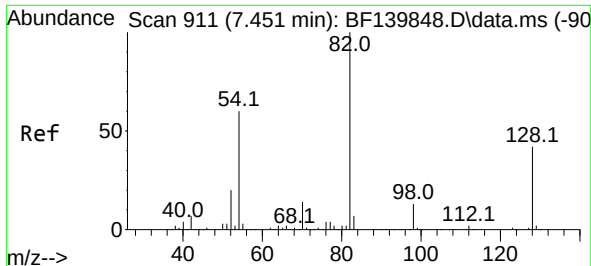
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#22
Acetophenone
Concen: 49.385 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:105 Resp: 494591
Ion Ratio Lower Upper
105 100
71 8.8 5.9 8.9
51 37.2 29.4 44.2
120 21.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 105.027 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140154.D

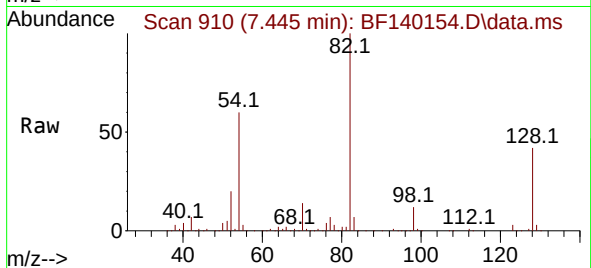
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion: 82 Resp: 774829

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	59.6	47.8	71.8

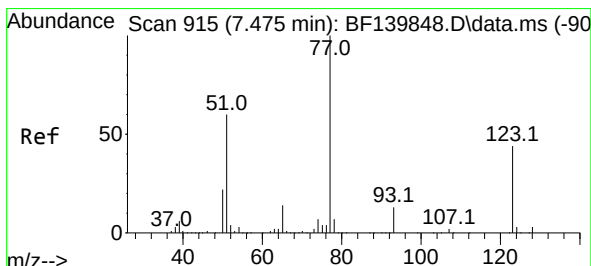
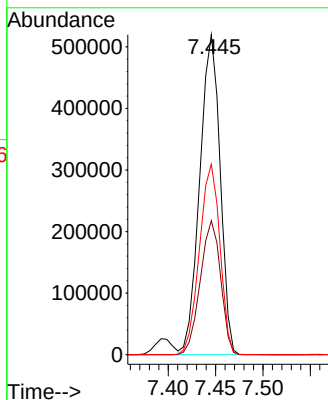
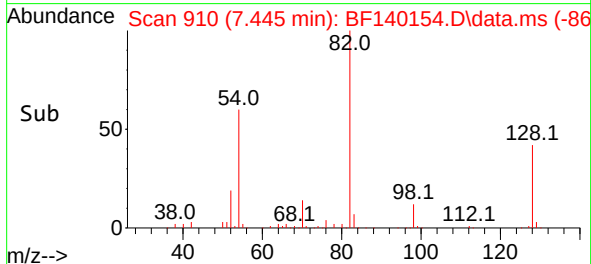
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ahmed

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#24

Nitrobenzene

Concen: 50.803 ng

RT: 7.463 min Scan# 913

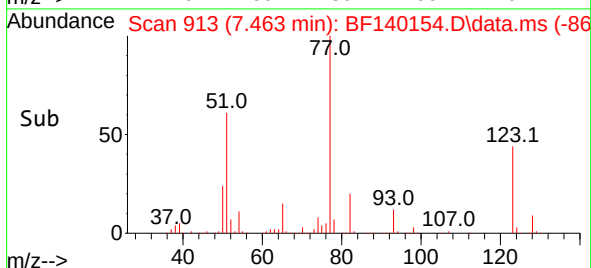
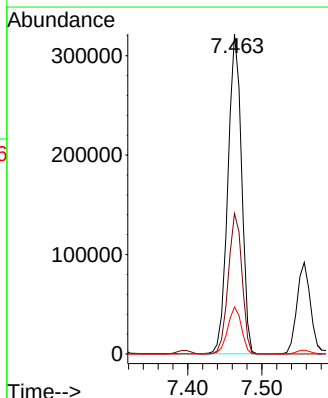
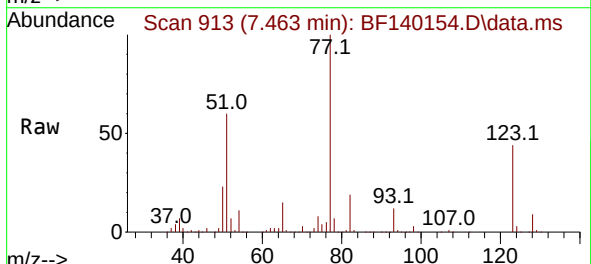
Delta R.T. -0.012 min

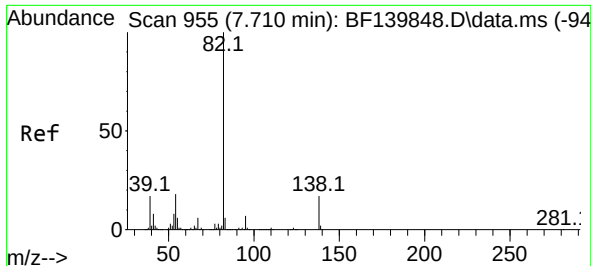
Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Tgt Ion: 77 Resp: 410928

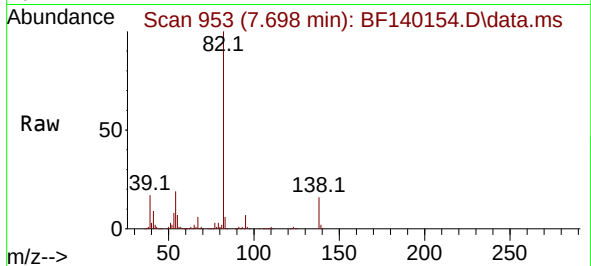
Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.7	53.5
65	14.7	11.5	17.3





#25
Isophorone
Concen: 52.866 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



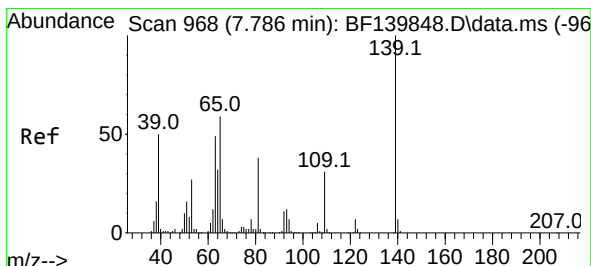
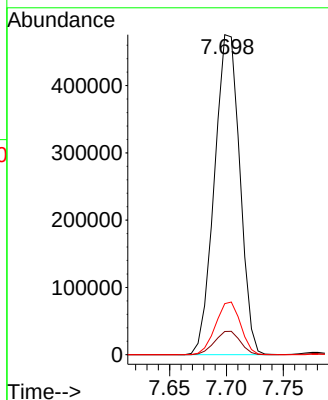
Tgt Ion: 82 Resp: 74024
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 15.9 13.2 19.8

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Patel

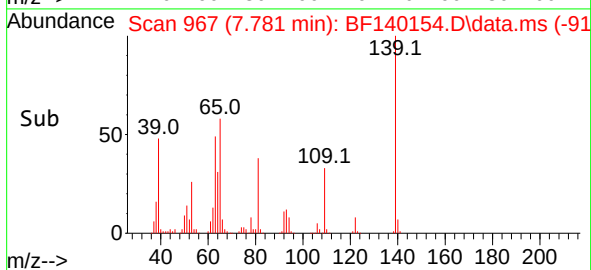
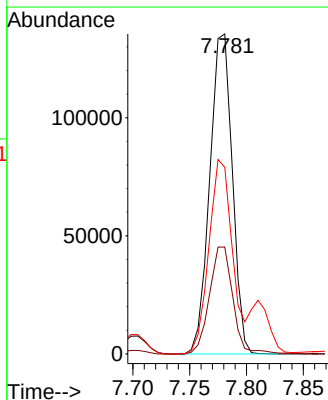
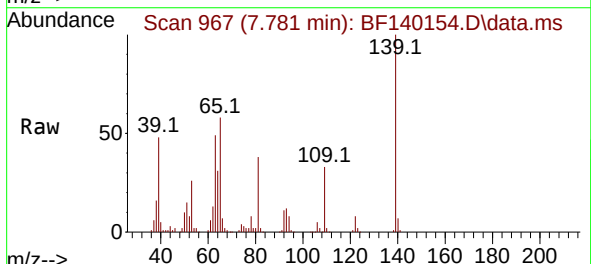
11/04/2024
Supervised By :mohammad
ahmed

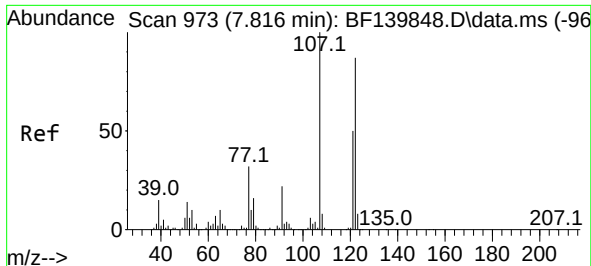
11/04/2024



#26
2-Nitrophenol
Concen: 61.378 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:139 Resp: 187293
Ion Ratio Lower Upper
139 100
109 33.4 25.1 37.7
65 58.4 47.5 71.3





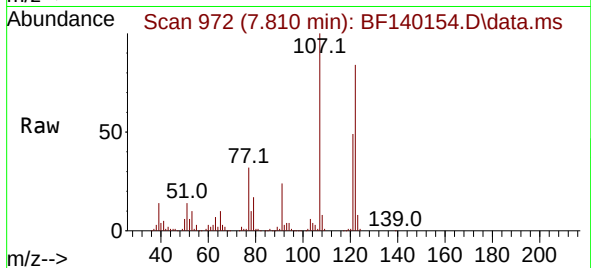
#27
2,4-Dimethylphenol
Concen: 58.858 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:122 Resp: 299480
Ion Ratio Lower Upper
122 100
107 119.0 91.9 137.9
121 58.8 46.2 69.4

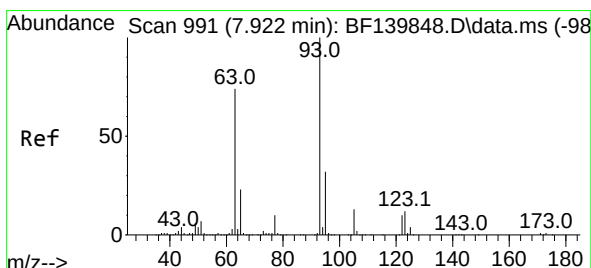
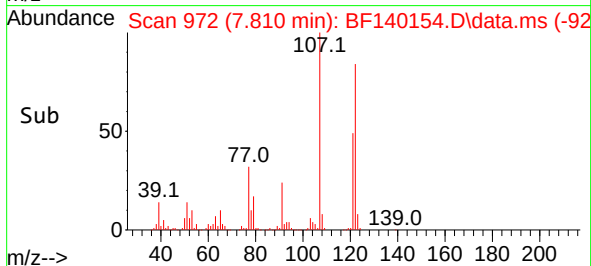
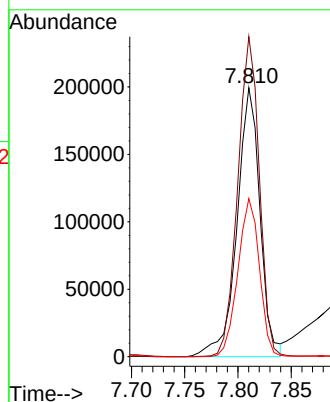
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Patel

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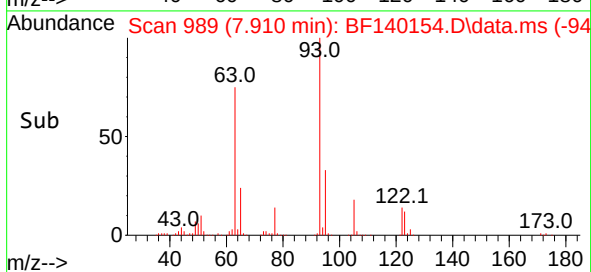
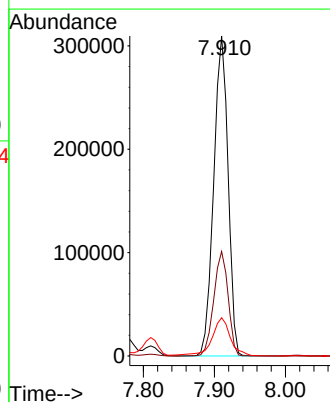
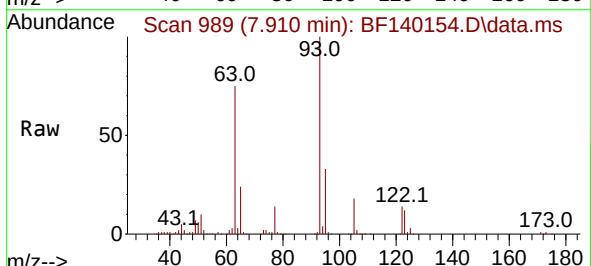
Supervised By :mohammad
ahmed

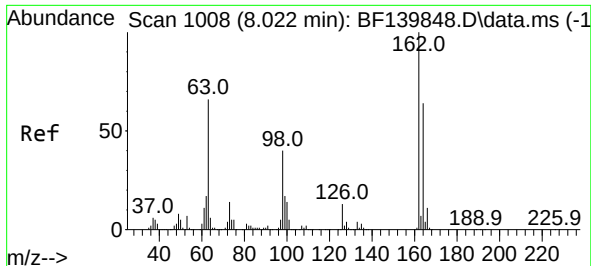
11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.176 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 93 Resp: 434154
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 53.059 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:162 Resp: 30750

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	39.2	19.9	59.9

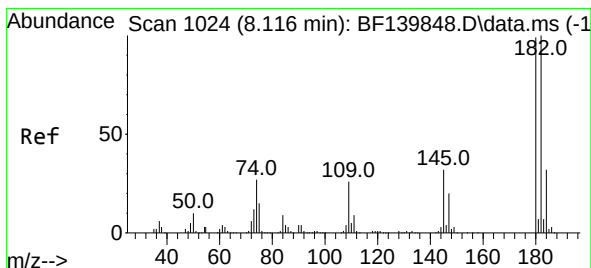
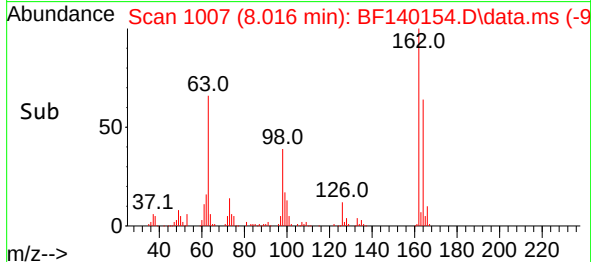
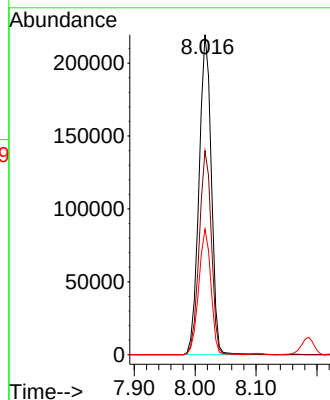
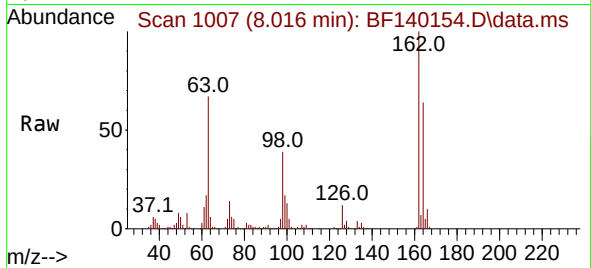
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

11/04/2024

Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 49.435 ng

RT: 8.104 min Scan# 1022

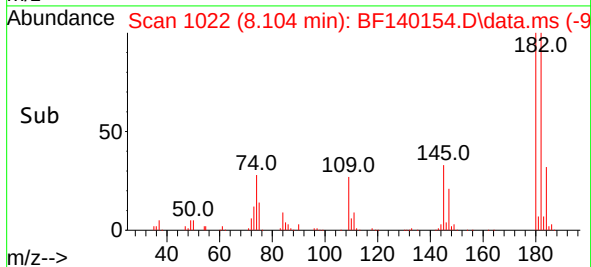
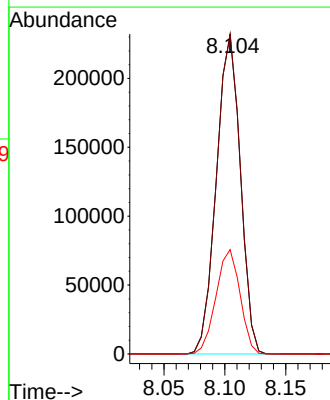
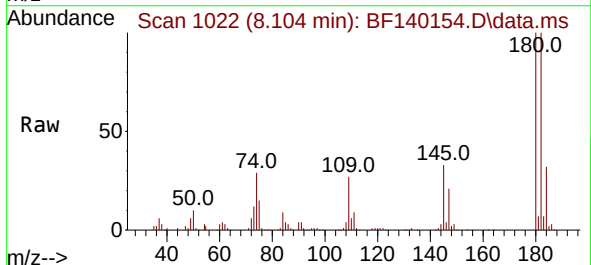
Delta R.T. -0.012 min

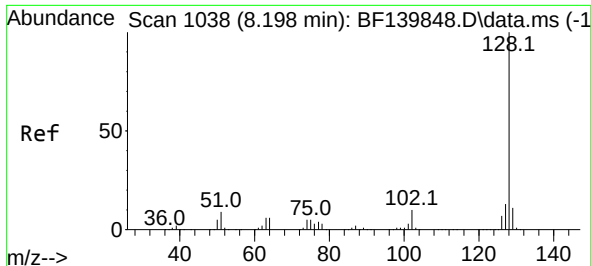
Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Tgt Ion:180 Resp: 317020

Ion	Ratio	Lower	Upper
180	100		
182	100.3	80.5	120.7
145	32.7	25.4	38.0





#31
Naphthalene
Concen: 50.444 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:128 Resp: 106375
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 16.0

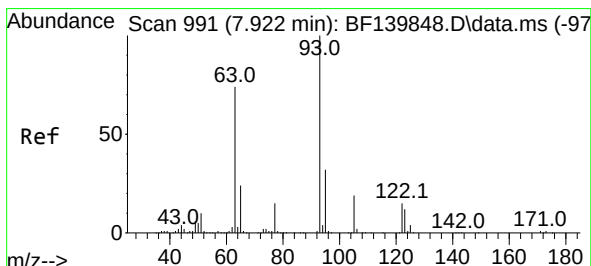
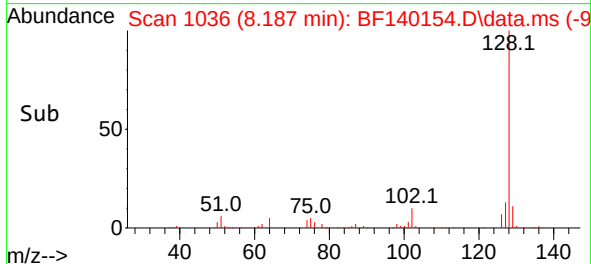
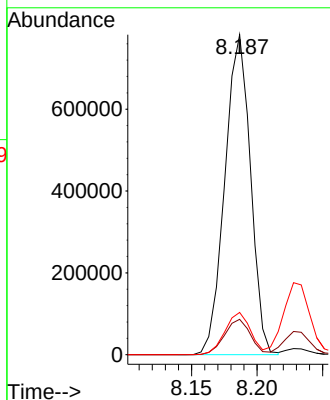
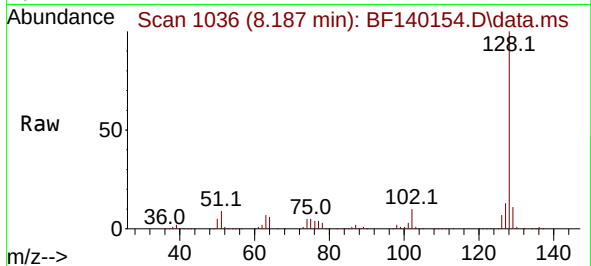
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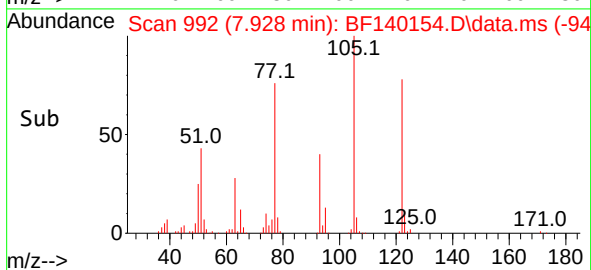
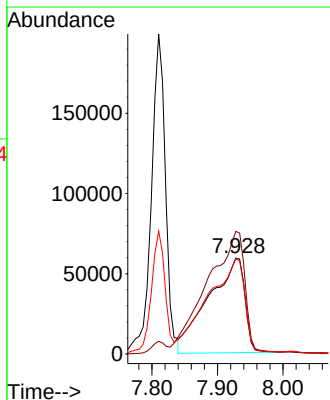
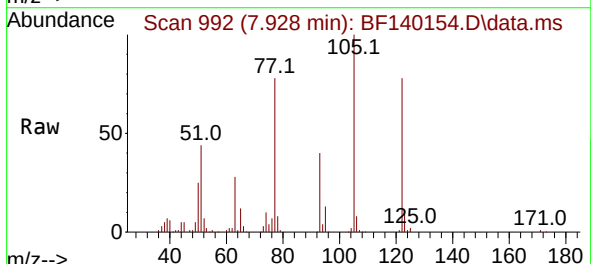
Supervised By :mohammad
ahmed

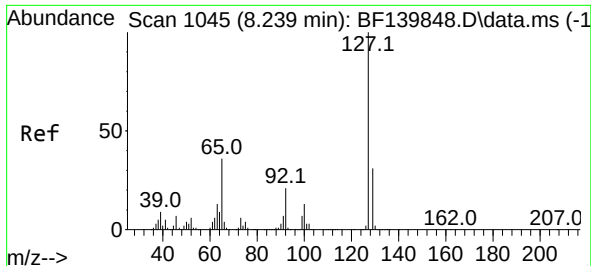
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#32
Benzoic acid
Concen: 50.982 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:122 Resp: 226251
Ion Ratio Lower Upper
122 100
105 127.8 107.6 147.6
77 99.1 80.2 120.2





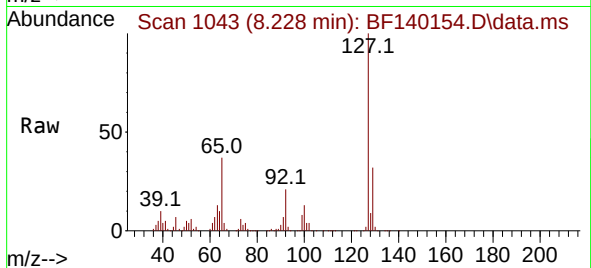
#33
4-Chloroaniline
Concen: 35.744 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:127 Resp: 25702
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 36.8 28.4 42.6
92 21.0 16.6 25.0

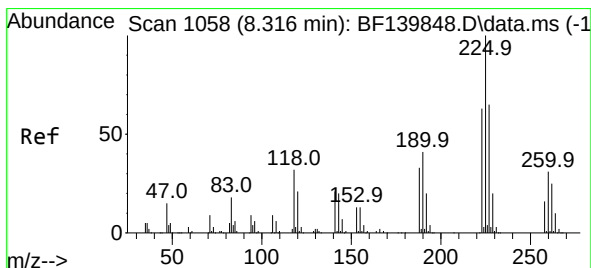
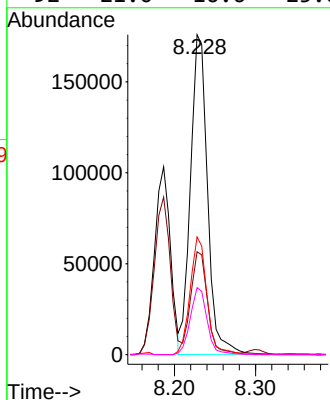
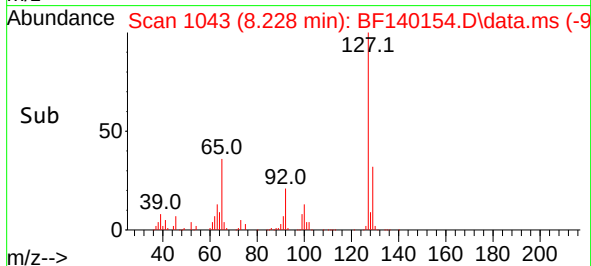
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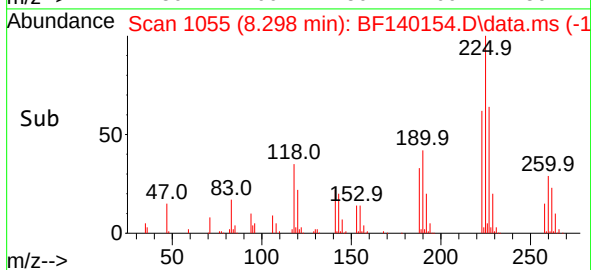
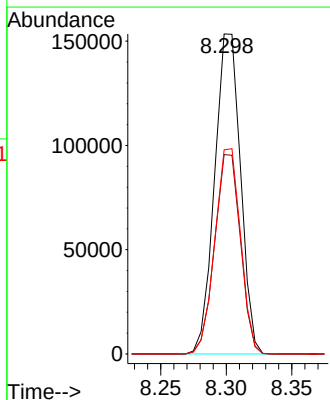
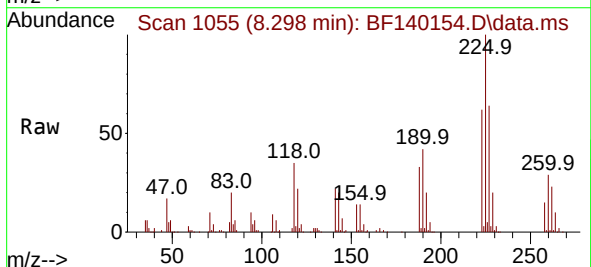
Supervised By :mohammad
ahmed

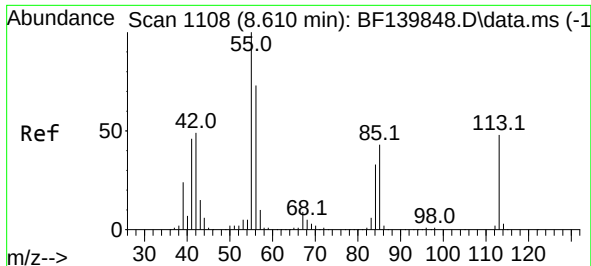
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#34
Hexachlorobutadiene
Concen: 52.236 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.017 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:225 Resp: 210472
Ion Ratio Lower Upper
225 100
223 62.3 50.6 76.0
227 63.8 51.8 77.8





#35
 Caprolactam
 Concen: 52.103 ng m
 RT: 8.604 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF140154.D
 Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:113 Resp: 96014
 Ion Ratio Lower Upper
 113 100
 55 216.8 189.2 229.2
 56 162.3 132.5 172.5

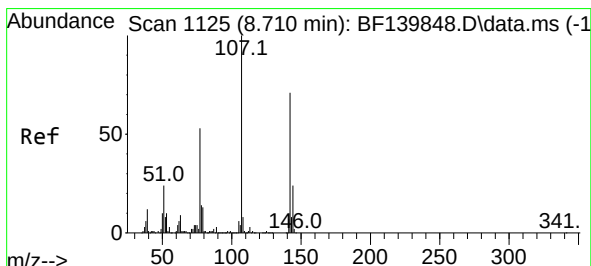
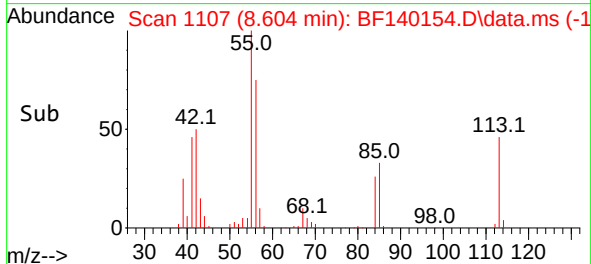
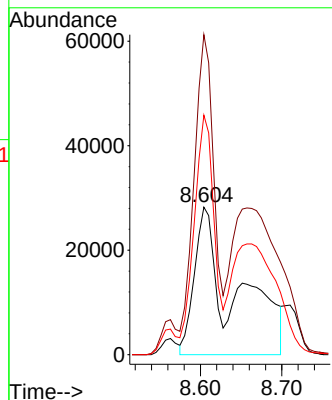
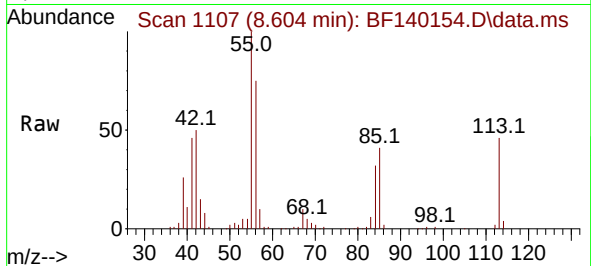
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Reviewed By :Yogesh
 Patel

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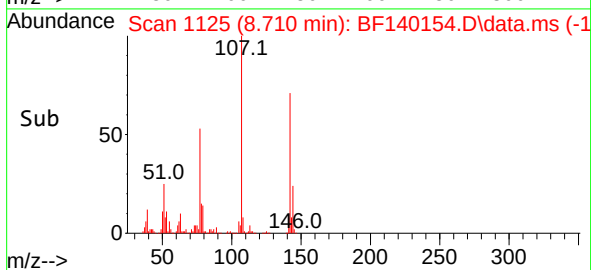
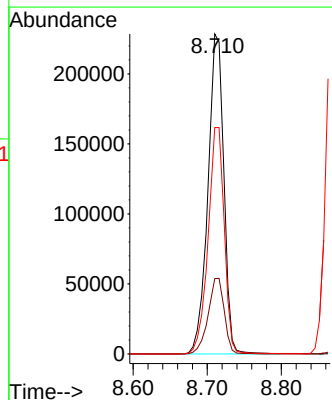
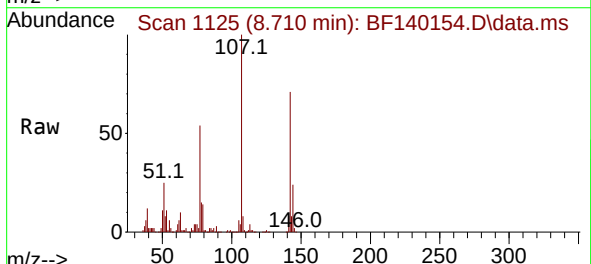
Supervised By :mohammad
 ahmed

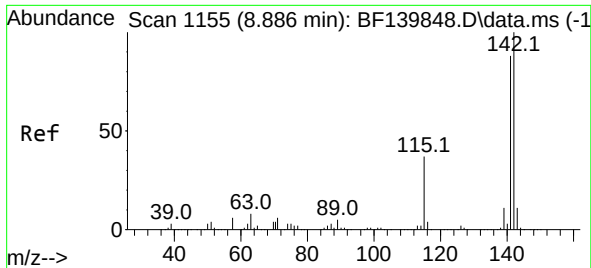
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#36
 4-Chloro-3-methylphenol
 Concen: 53.237 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: BF140154.D
 Acq: 30 Oct 2024 13:43

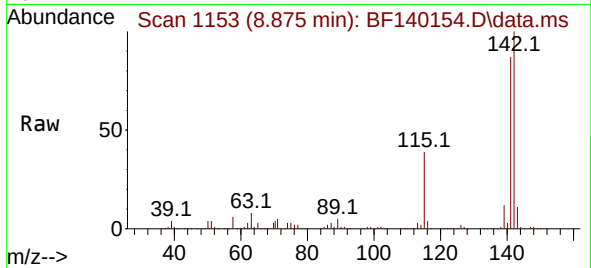
Tgt Ion:107 Resp: 341638
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.1 28.7
 142 70.7 57.2 85.8





#37
2-Methylnaphthalene
Concen: 52.553 ng
RT: 8.875 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



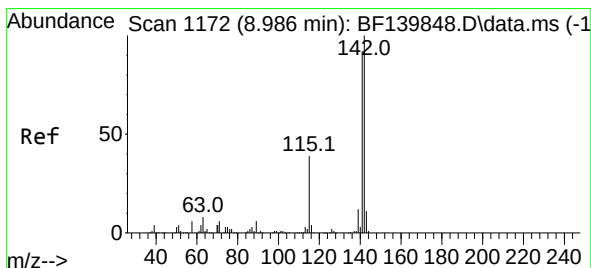
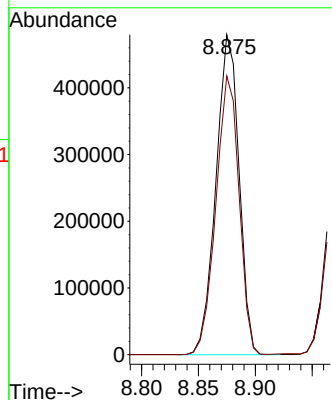
Tgt Ion:142 Resp: 678725
Ion Ratio Lower Upper
142 100
141 87.1 70.8 106.2

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Patel

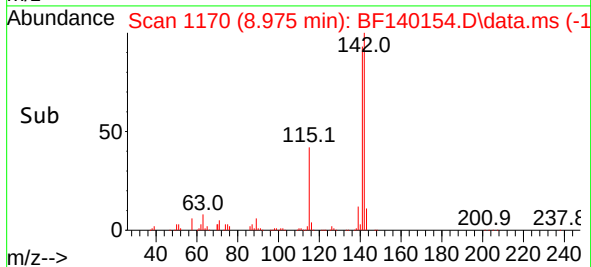
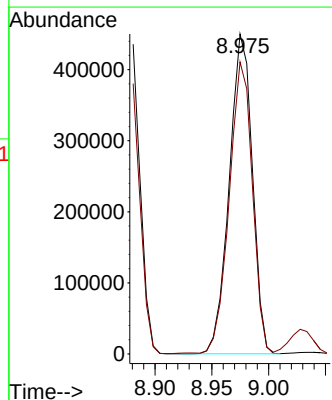
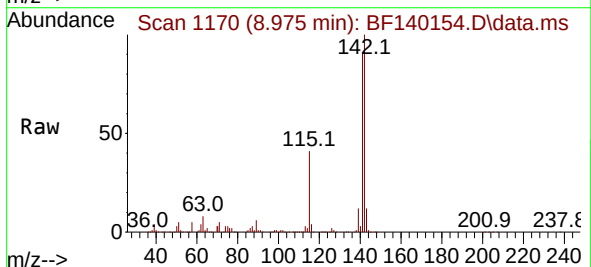
11/04/2024
Supervised By :mohammad
ahmed

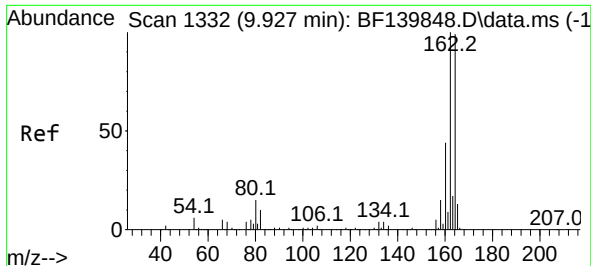
11/04/2024



#38
1-Methylnaphthalene
Concen: 50.152 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

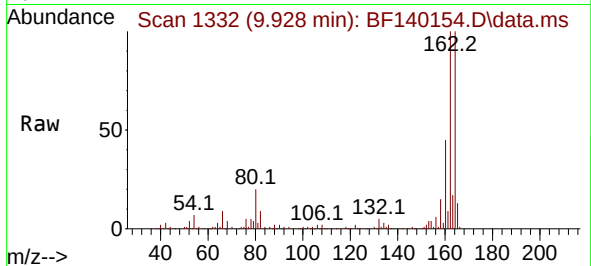
Tgt Ion:142 Resp: 635477
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



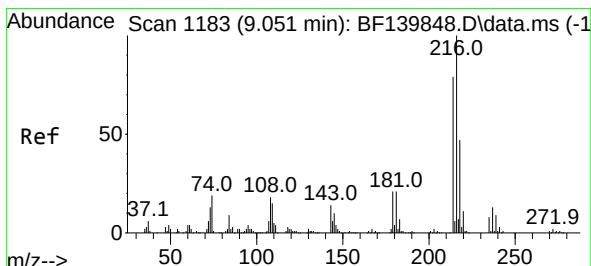
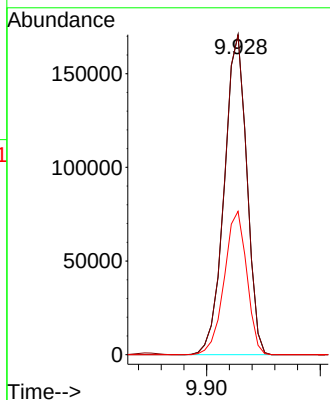
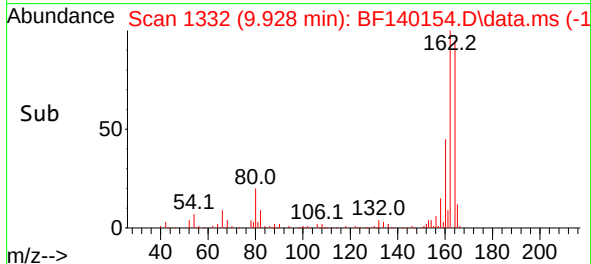
Tgt Ion:164 Resp: 234784
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.8 35.4 53.0

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Patel

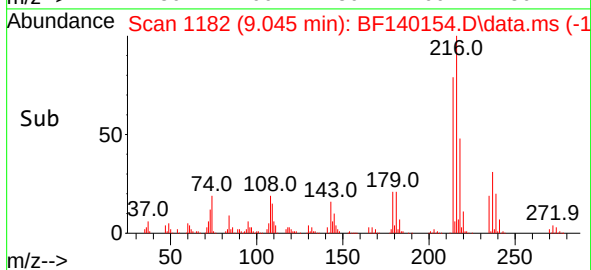
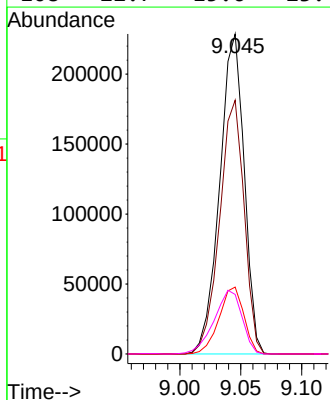
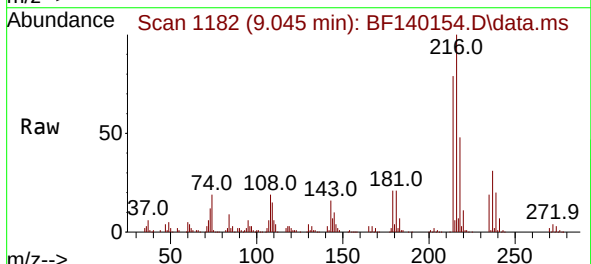
11/04/2024
Supervised By :mohammad
ahmed

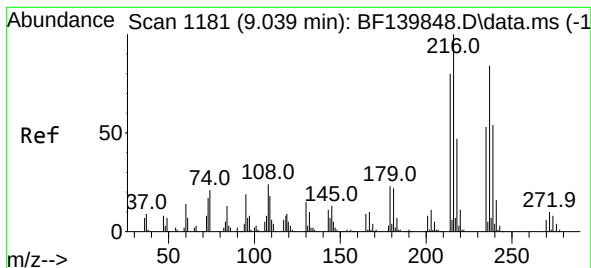
11/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.548 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:216 Resp: 320179
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 21.2 17.2 25.8
108 22.7 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 194.041 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140154.D

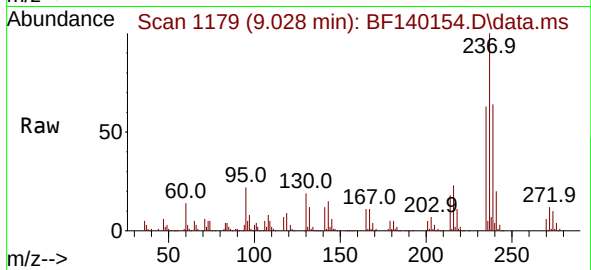
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:237 Resp: 427659

Ion Ratio Lower Upper

237 100

235 63.4 42.9 82.9

272 12.4 0.0 32.3

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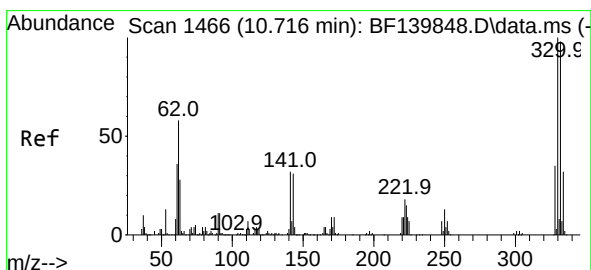
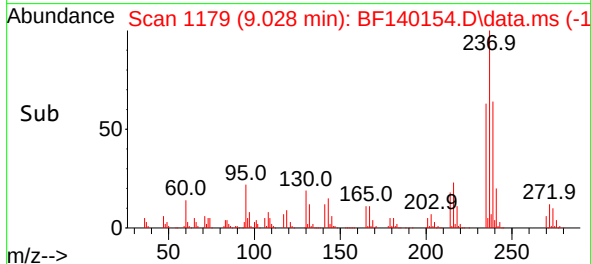
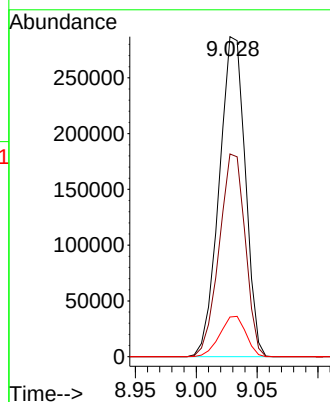
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#42

2,4,6-Tribromophenol

Concen: 160.278 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

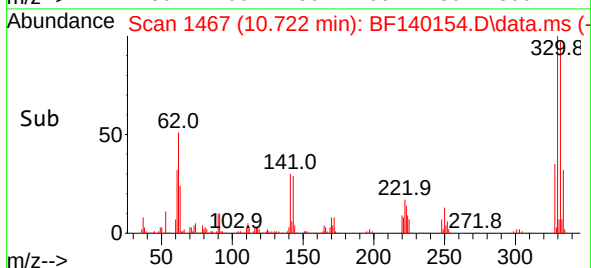
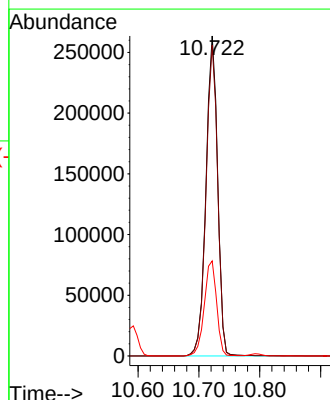
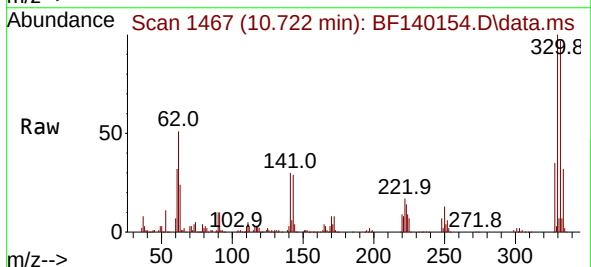
Tgt Ion:330 Resp: 351986

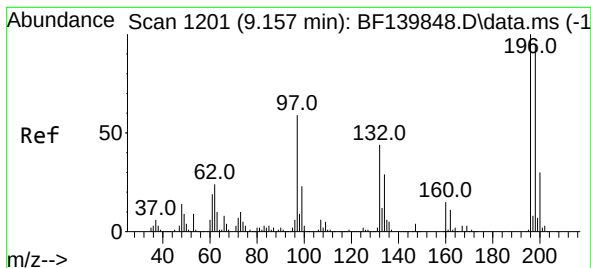
Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 31.4 26.6 39.8





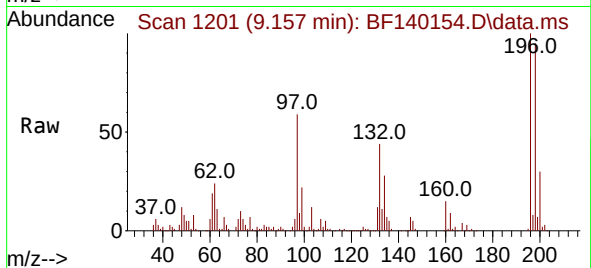
#43
2,4,6-Trichlorophenol
Concen: 54.535 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:196 Resp: 24456
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
200 29.9 24.0 36.0

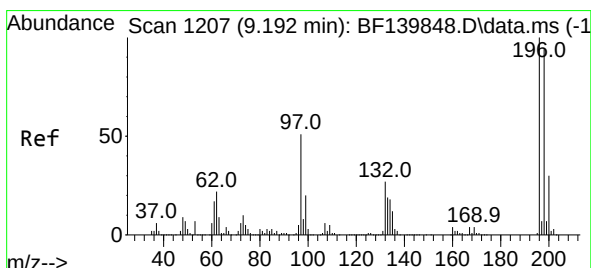
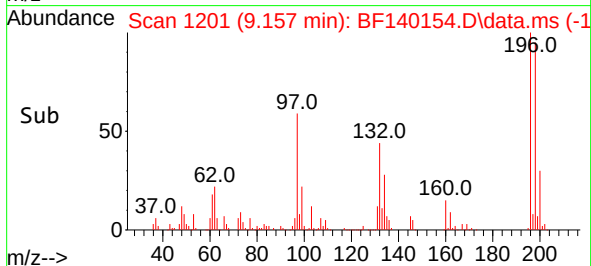
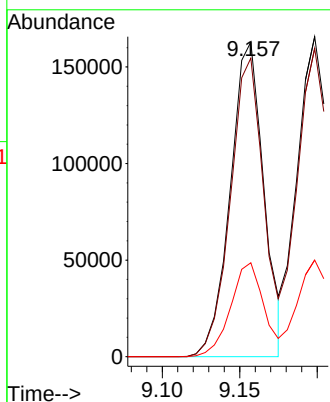
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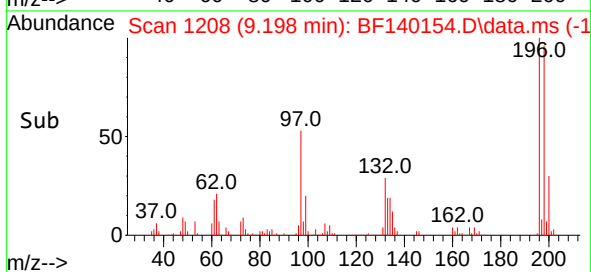
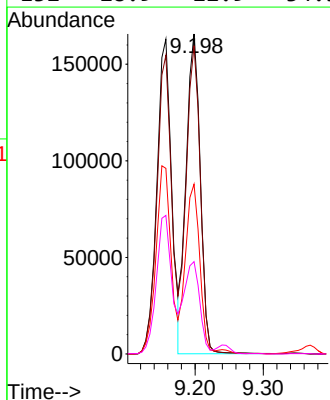
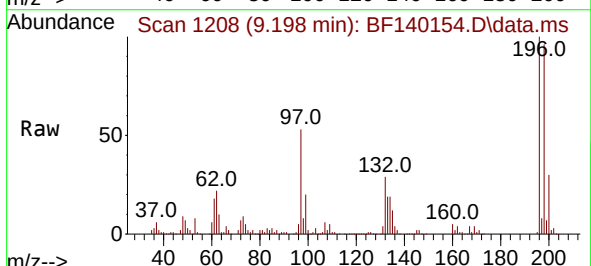
Supervised By :mohammad
ahmed

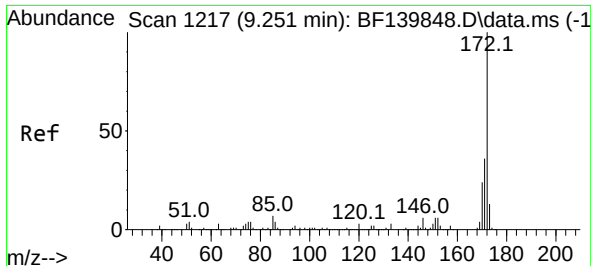
11/04/2024



#44
2,4,5-Trichlorophenol
Concen: 51.408 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:196 Resp: 237854
Ion Ratio Lower Upper
196 100
198 96.4 75.8 113.6
97 53.0 41.8 62.6
132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 99.881 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:172 Resp: 141892

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.8 19.1 28.7

Manual Integrations

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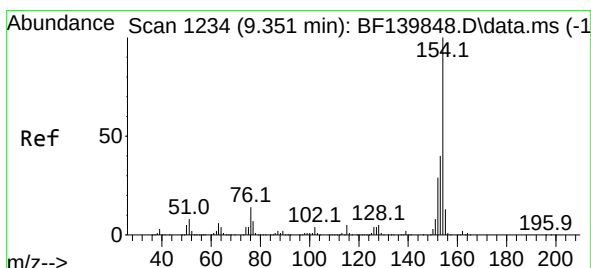
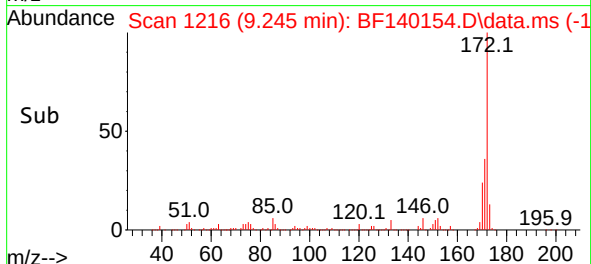
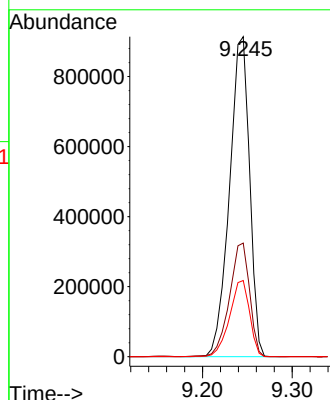
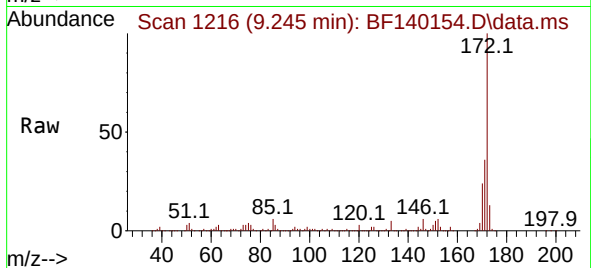
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#46

1,1'-Biphenyl

Concen: 50.399 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

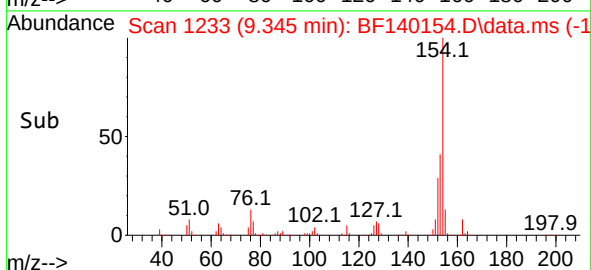
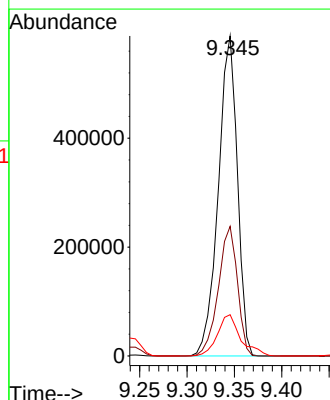
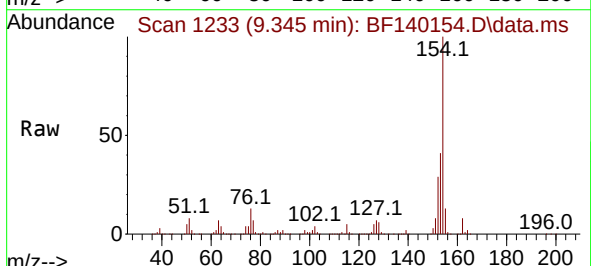
Tgt Ion:154 Resp: 823749

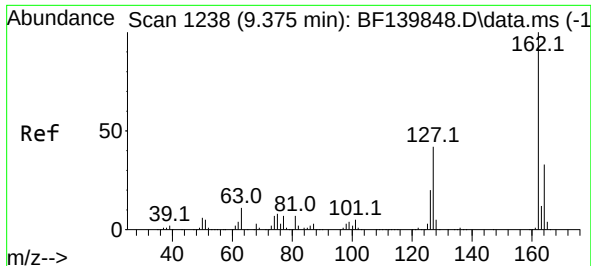
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 12.9 0.0 33.9





#47
2-Chloronaphthalene
Concen: 49.773 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:162 Resp: 655209
Ion Ratio Lower Upper
162 100
127 43.3 33.8 50.6
164 32.8 26.6 39.8

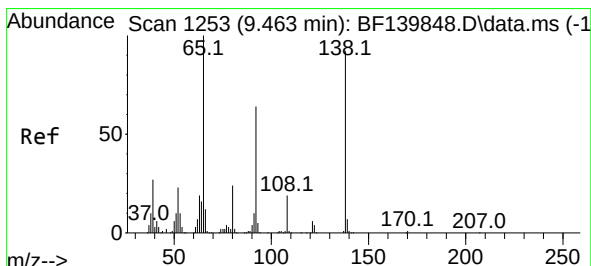
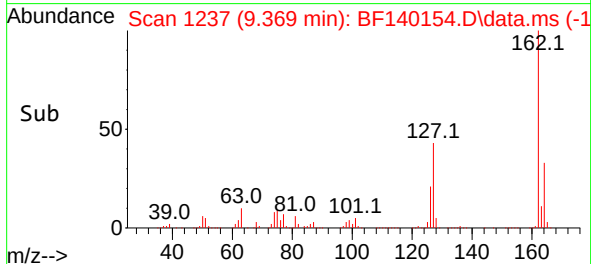
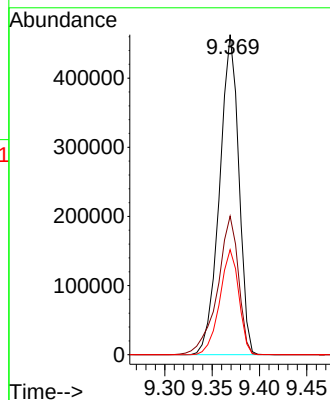
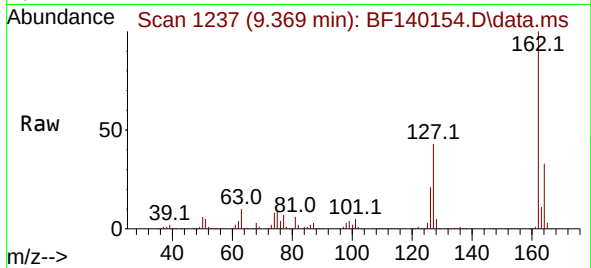
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

11/04/2024

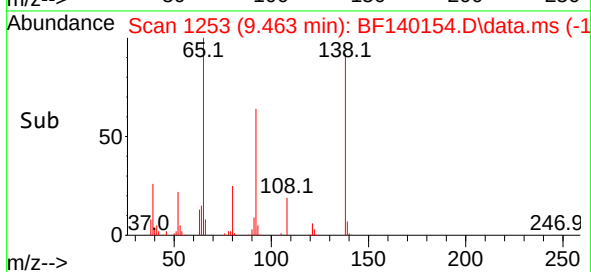
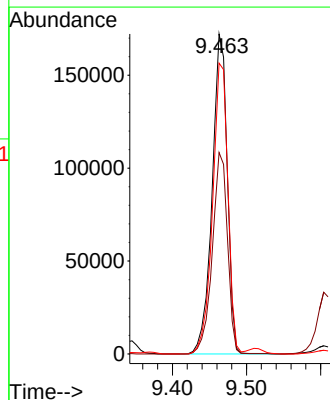
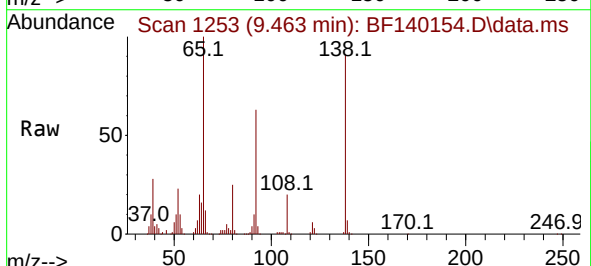
Supervised By :mohammad
ahmed

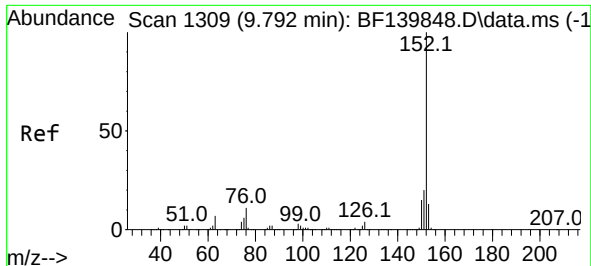
11/04/2024



#48
2-Nitroaniline
Concen: 60.645 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 65 Resp: 244166
Ion Ratio Lower Upper
65 100
92 63.0 50.9 76.3
138 90.9 73.4 110.0





#49

Acenaphthylene

Concen: 54.488 ng

RT: 9.787 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140154.D

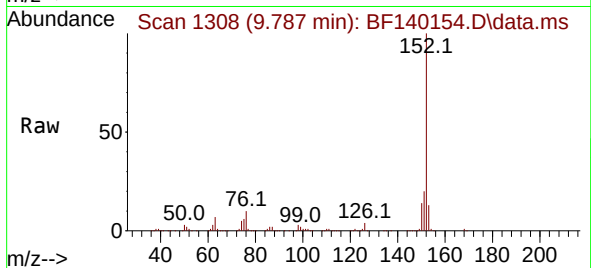
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:152 Resp: 103696

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.7 16.1

Manual Integrations

APPROVED

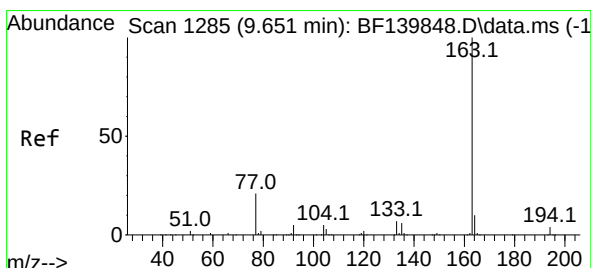
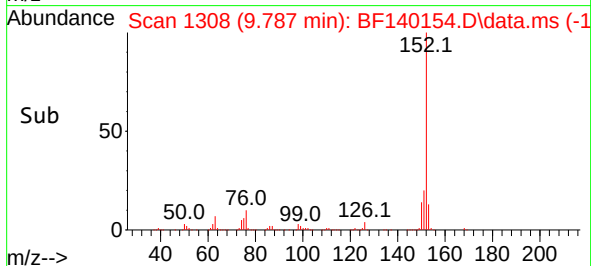
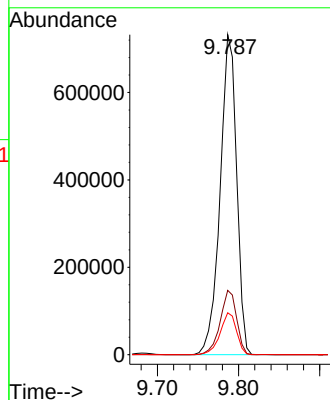
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#50

Dimethylphthalate

Concen: 54.294 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

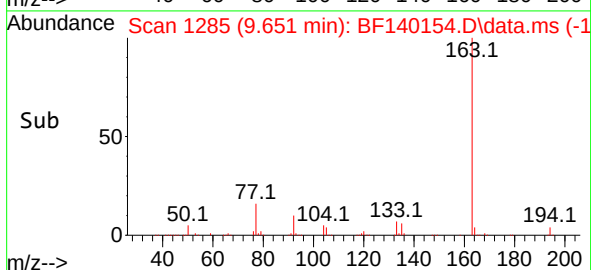
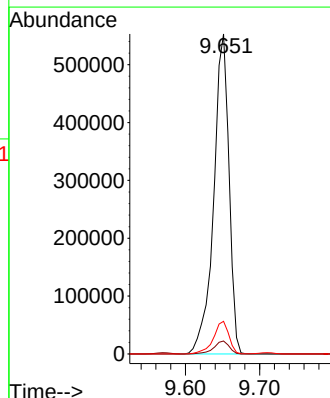
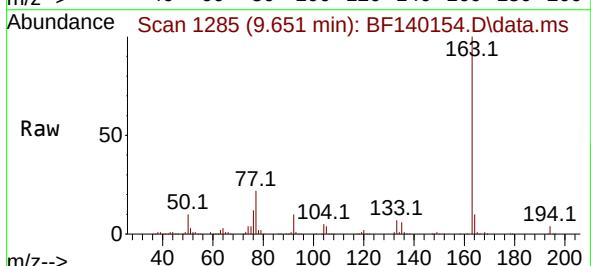
Tgt Ion:163 Resp: 794006

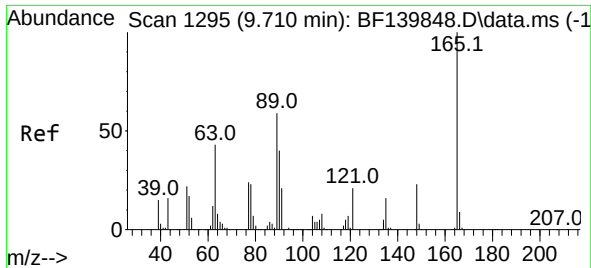
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 55.705 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS

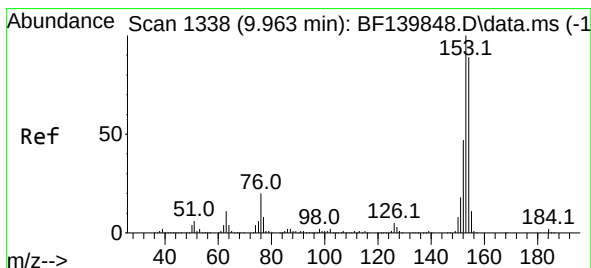
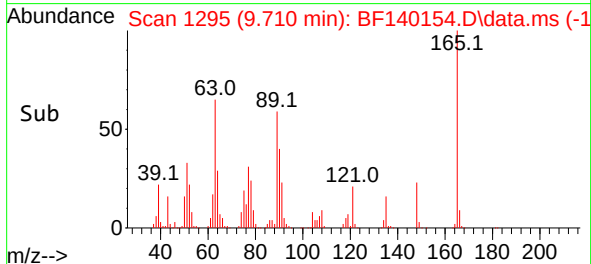
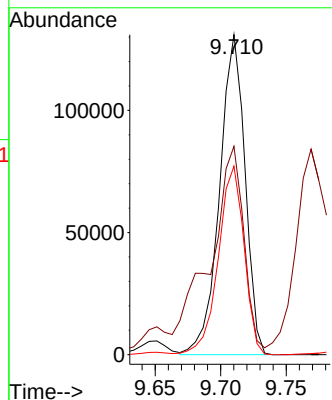
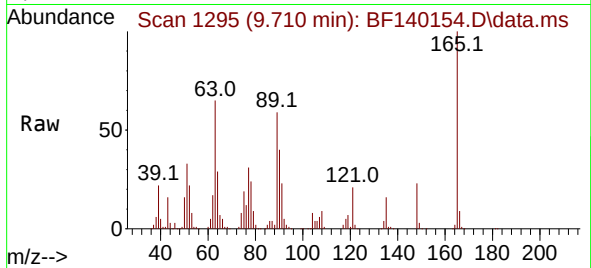
Tgt Ion:165 Resp: 176385
Ion Ratio Lower Upper
165 100
63 65.1 50.6 75.8
89 58.9 47.5 71.3

Manual Integrations
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Reviewed By :Yogesh
Patel

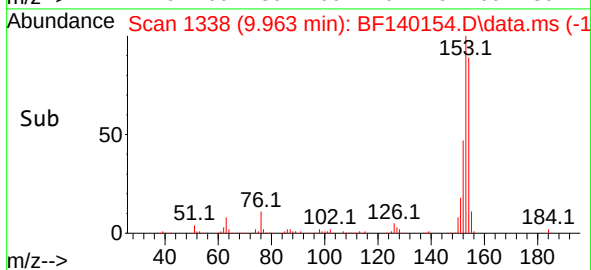
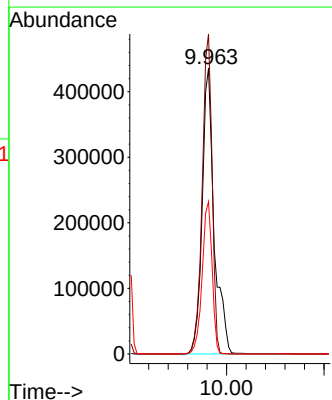
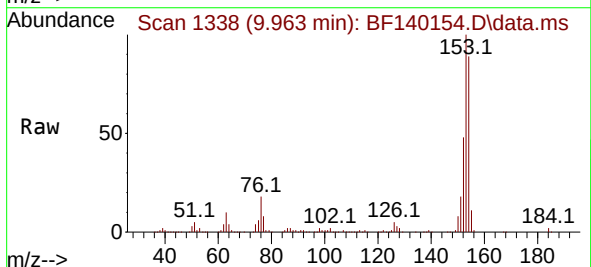
11/04/2024
Supervised By :mohammad
ahmed

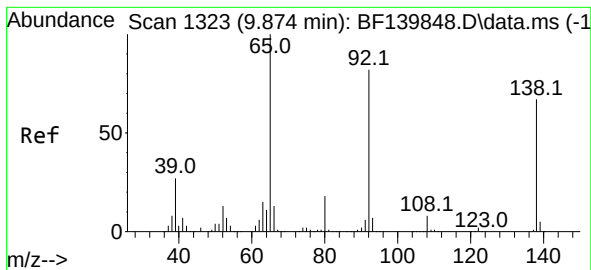
11/04/2024



#52
Acenaphthene
Concen: 60.639 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:154 Resp: 746544
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.6
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.881 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:138 Resp: 140362
Ion Ratio Lower Upper
138 100
108 10.6 10.2 15.2
92 117.5 98.3 147.5

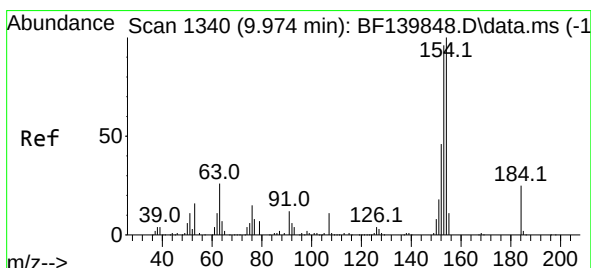
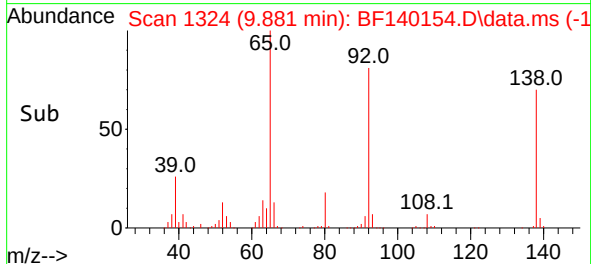
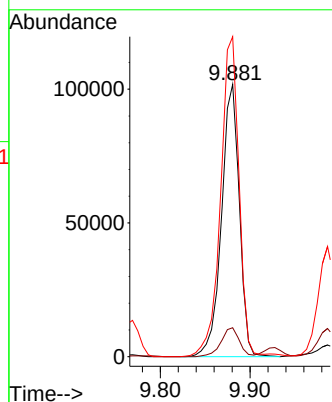
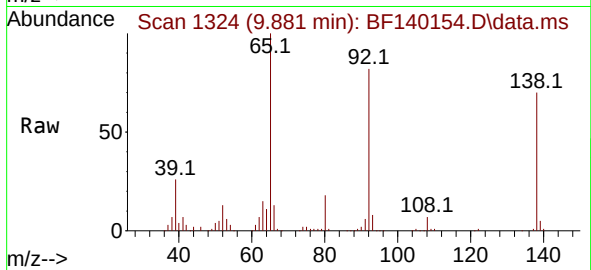
Manual Integrations
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Reviewed By :Yogesh
Patel

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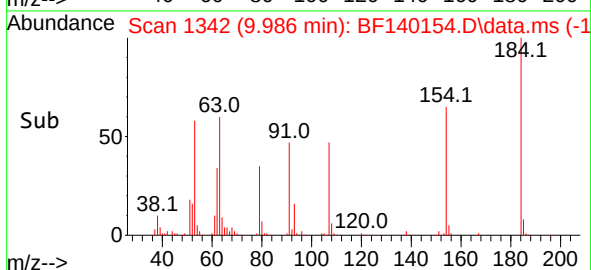
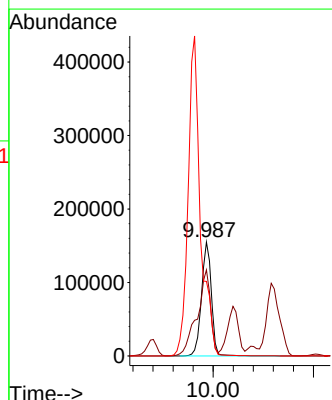
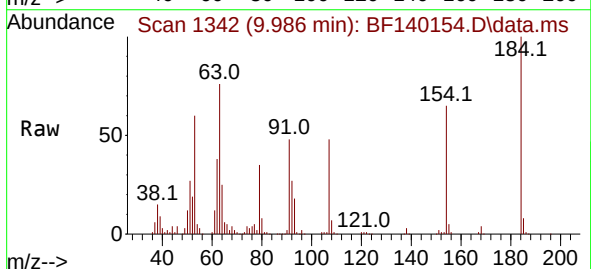
Supervised By :mohammad
ahmed

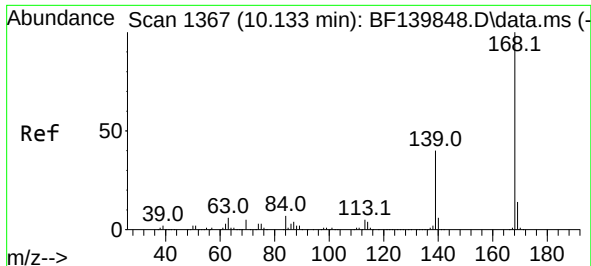
11/04/2024



#54
2,4-Dinitrophenol
Concen: 154.802 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

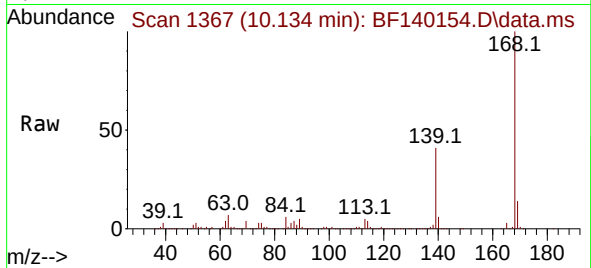
Tgt Ion:184 Resp: 212399
Ion Ratio Lower Upper
184 100
63 75.6 84.7 127.1#
154 65.5 338.2 507.2#





#55
Dibenzofuran
Concen: 52.207 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



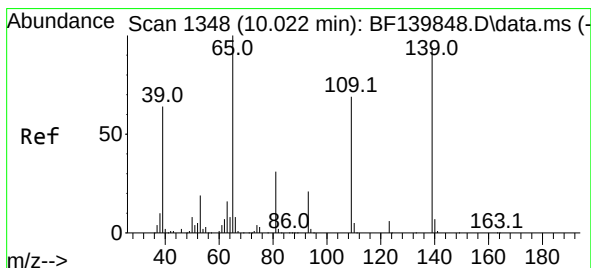
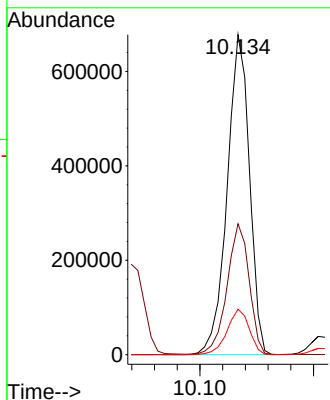
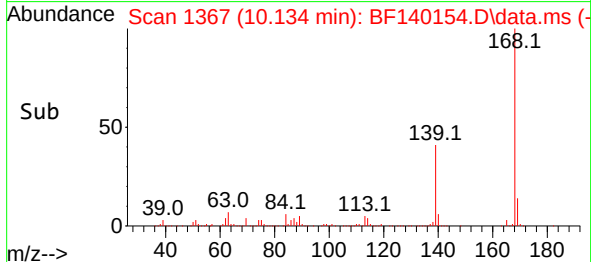
Tgt Ion:168 Resp: 922175
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.6
169 14.2 11.6 17.4

Manual Integrations
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Reviewed By :Yogesh
Patel

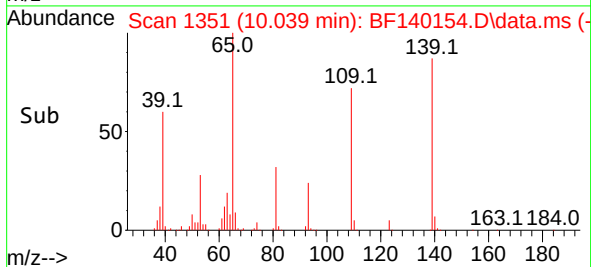
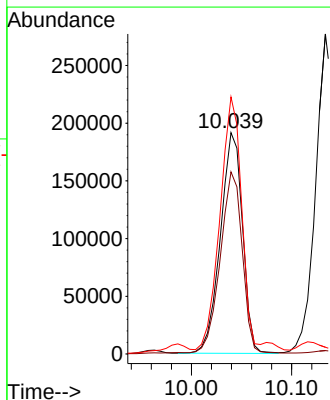
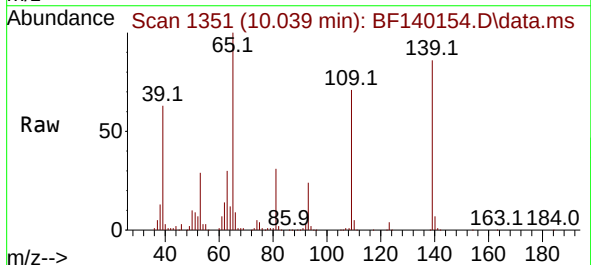
11/04/2024
Supervised By :mohammad
ahmed

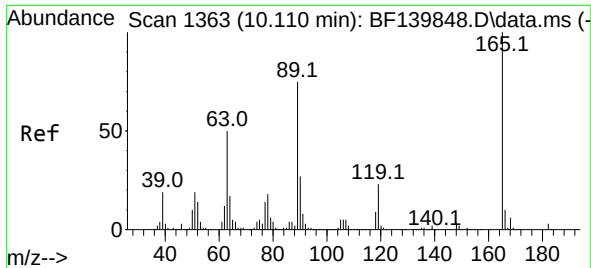
11/04/2024



#56
4-Nitrophenol
Concen: 116.614 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:139 Resp: 292960
Ion Ratio Lower Upper
139 100
109 82.3 53.6 93.6
65 116.1 87.8 127.8





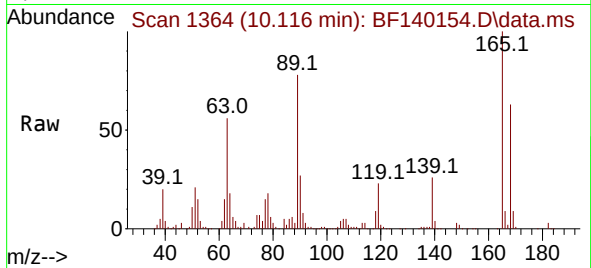
#57
2,4-Dinitrotoluene
Concen: 62.011 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:165 Resp: 24146
Ion Ratio Lower Upper
165 100
63 55.7 40.1 60.1
89 78.5 60.4 90.6
182 2.8 2.0 3.0

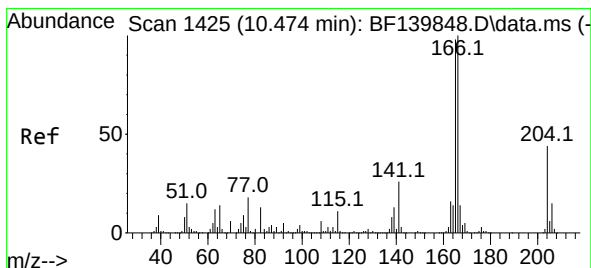
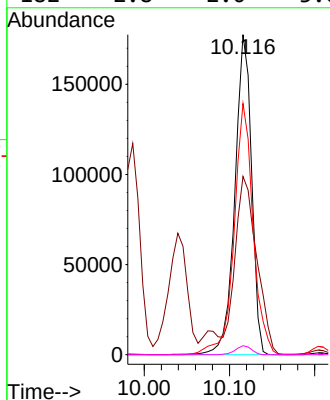
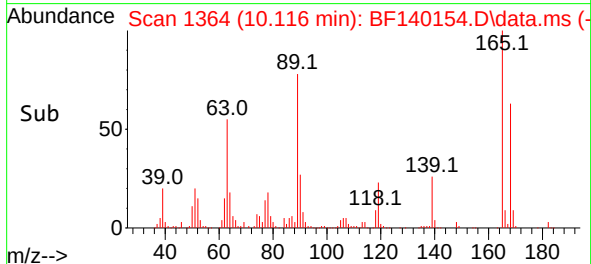
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

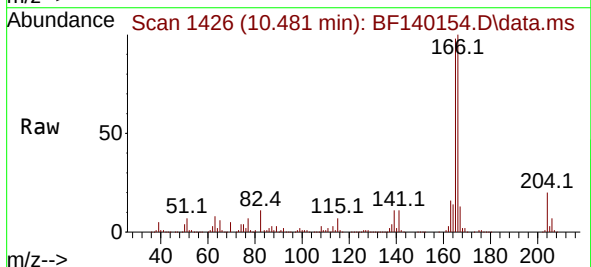
11/04/2024

Supervised By :mohammad
ahmed

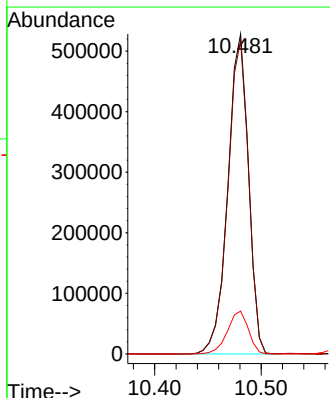
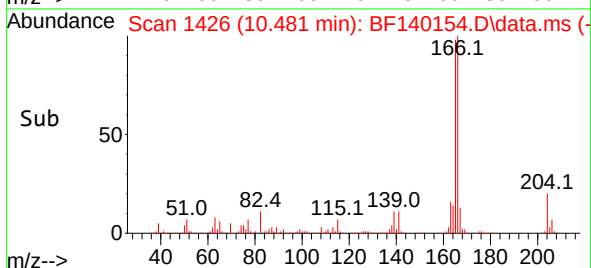
11/04/2024

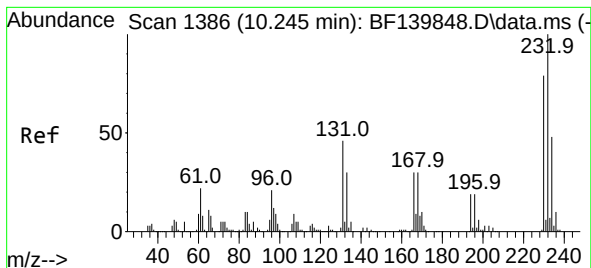


#58
Fluorene
Concen: 52.833 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:166 Resp: 710796
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.4 10.9 16.3





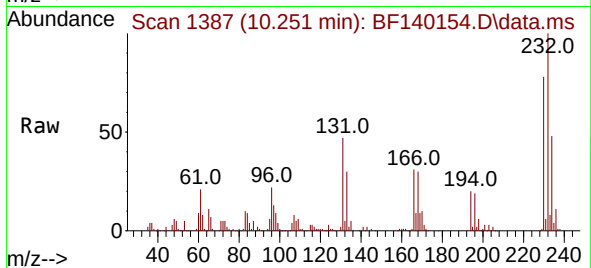
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.070 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:232 Resp: 203369
Ion Ratio Lower Upper
232 100
131 47.0 37.0 55.6
130 2.5 1.9 2.9
166 30.4 24.2 36.2

Manual Integrations

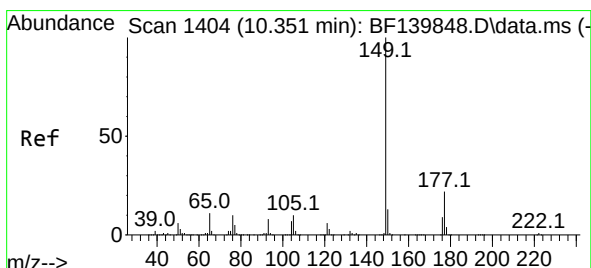
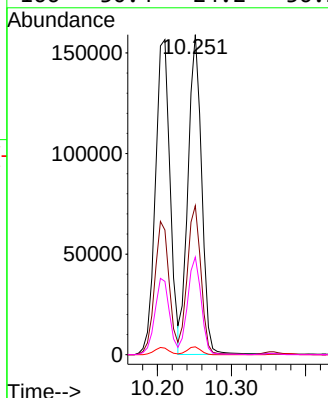
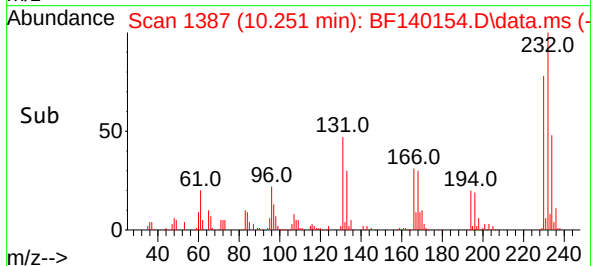
APPROVED

Reviewed By :Yogesh
Patel

11/04/2024

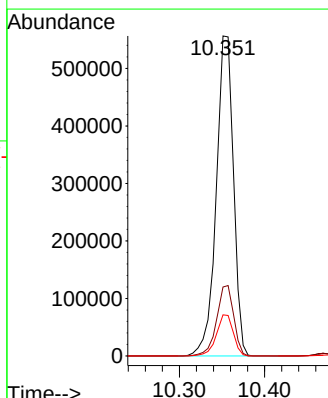
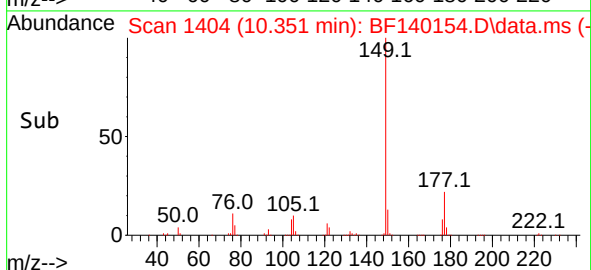
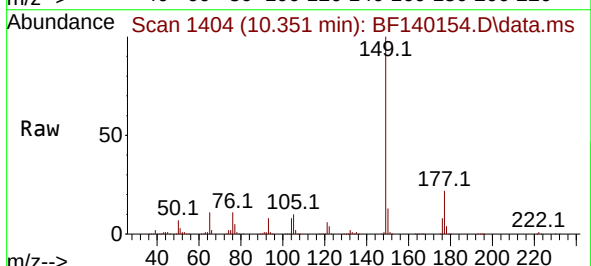
Supervised By :mohammad
ahmed

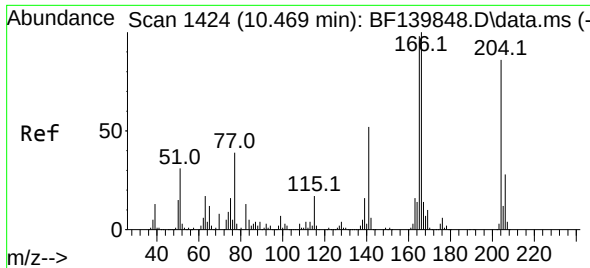
11/04/2024



#60
Diethylphthalate
Concen: 54.483 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

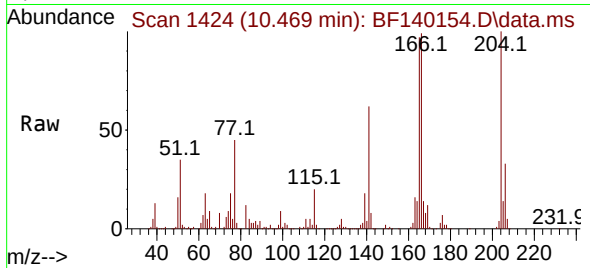
Tgt Ion:149 Resp: 782318
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 52.038 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



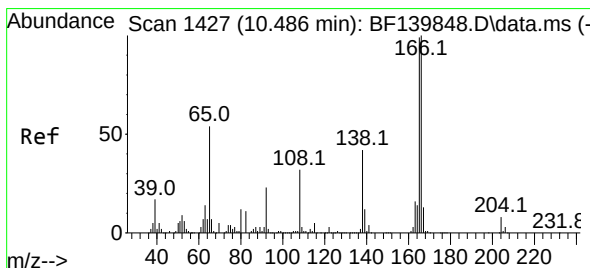
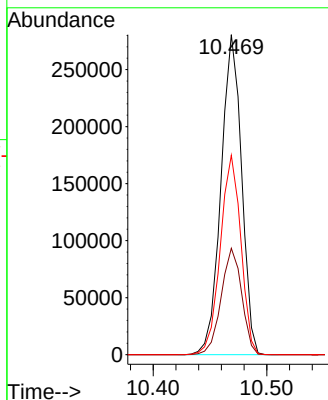
Tgt Ion:204 Resp: 353552
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 62.3 48.6 73.0

Manual Integrations
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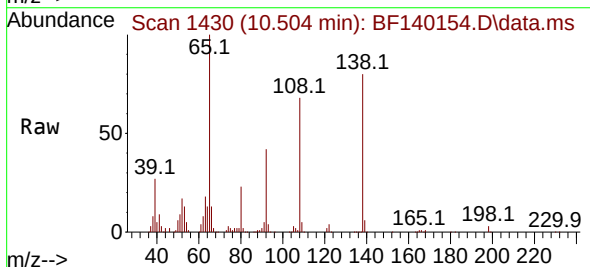
Reviewed By :Yogesh
Patel

11/04/2024
Supervised By :mohammad
ahmed

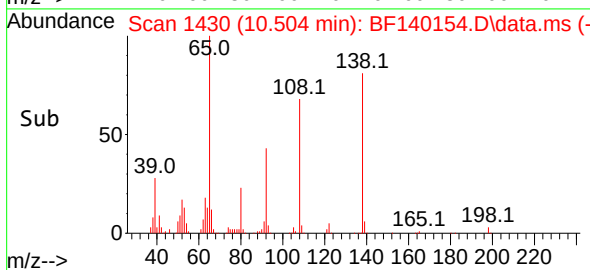
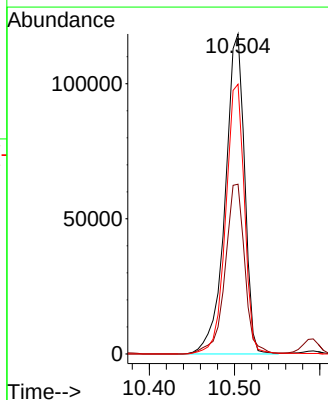
11/04/2024

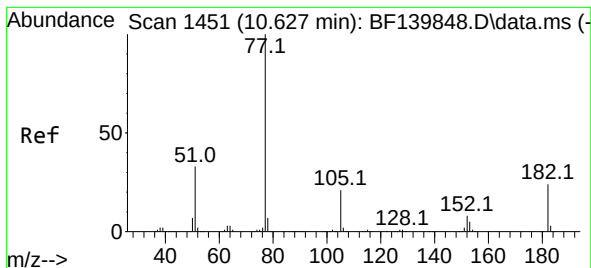


#62
4-Nitroaniline
Concen: 60.714 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:138 Resp: 187243
Ion Ratio Lower Upper
138 100
92 53.1 35.7 75.7
108 84.3 57.5 97.5





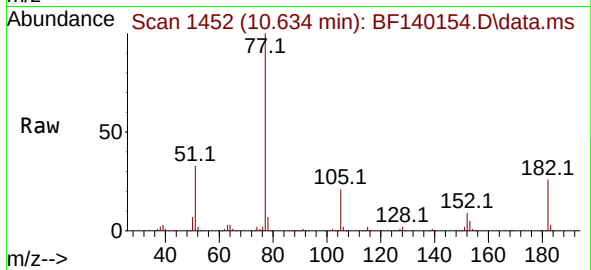
#63
Azobenzene
Concen: 52.712 ng
RT: 10.634 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion: 77 Resp: 802415
Ion Ratio Lower Upper
77 100
182 25.6 3.3 43.3
105 21.0 1.2 41.2
51 33.3 13.3 53.3

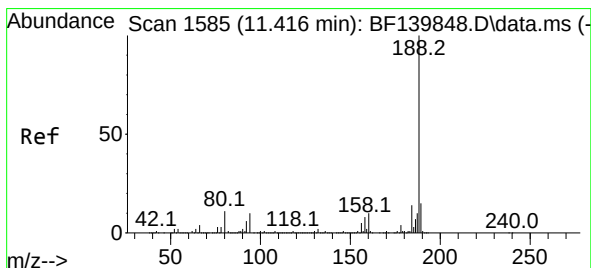
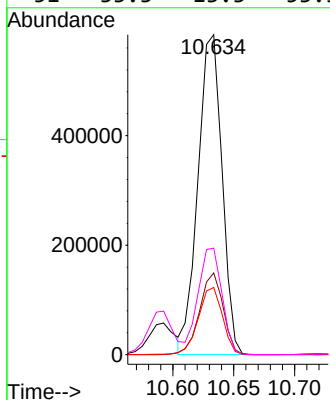
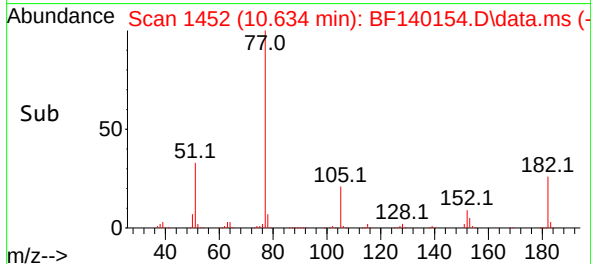
Manual Integrations
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Reviewed By :Yogesh
Patel

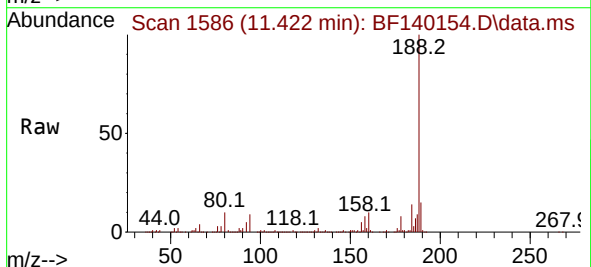
11/04/2024

Supervised By :mohammad
ahmed

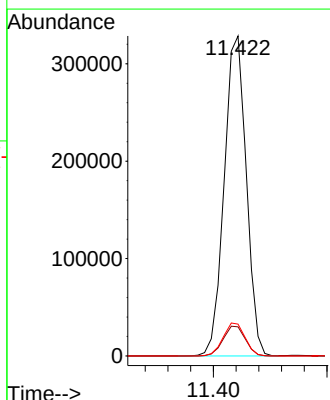
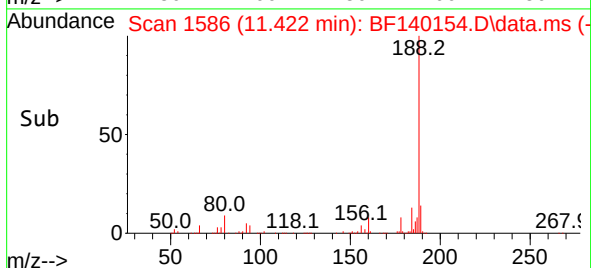
11/04/2024

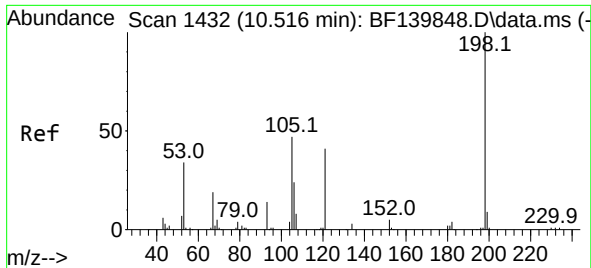


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:188 Resp: 443747
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.9 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 76.824 ng
RT: 10.528 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS

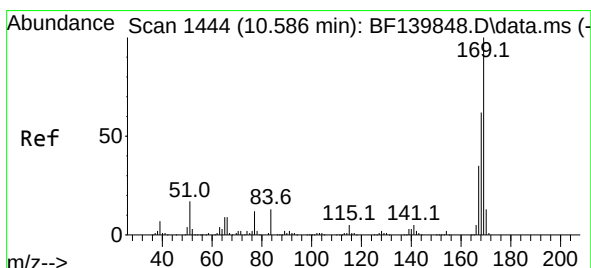
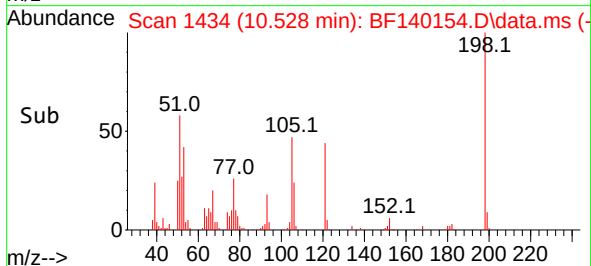
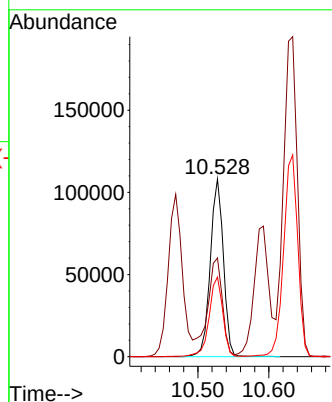
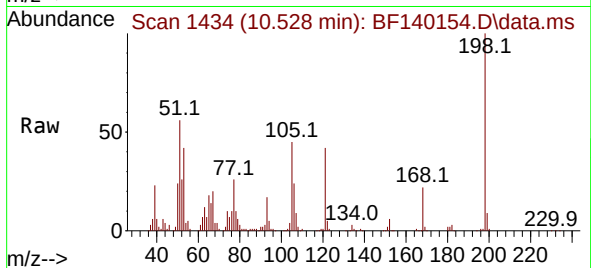
Tgt Ion:198 Resp: 13905
Ion Ratio Lower Upper
198 100
51 55.6 38.2 78.2
105 44.8 27.9 67.9

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Reviewed By :Yogesh
Patel

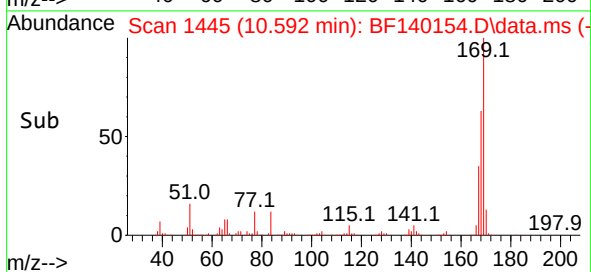
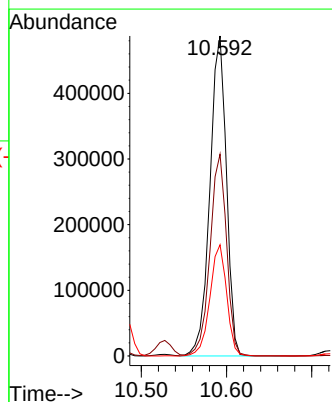
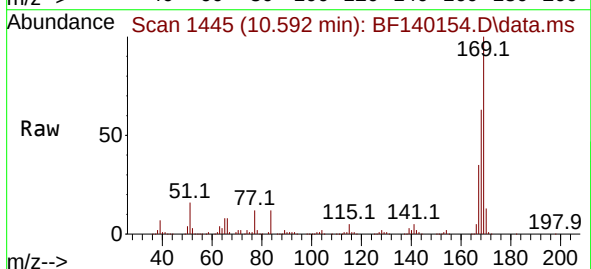
11/04/2024
Supervised By :mohammad
ahmed

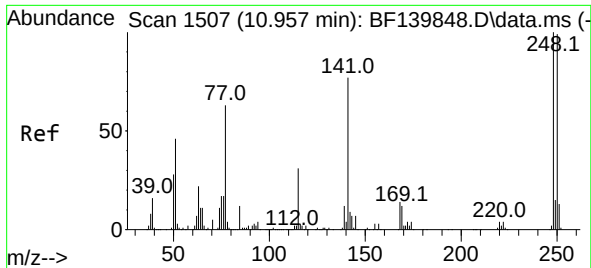
11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 49.493 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:169 Resp: 657328
Ion Ratio Lower Upper
169 100
168 63.0 49.8 74.6
167 34.8 28.0 42.0





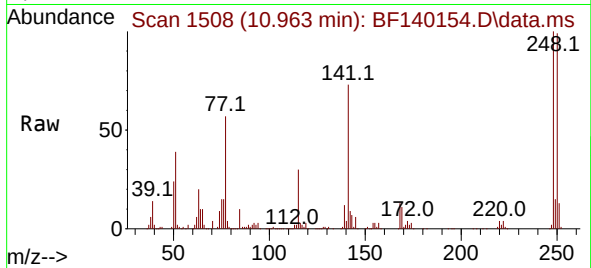
#67
4-Bromophenyl-phenylether
Concen: 50.579 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:248 Resp: 231219
Ion Ratio Lower Upper
248 100
250 98.9 79.0 118.6
141 73.4 61.7 92.5

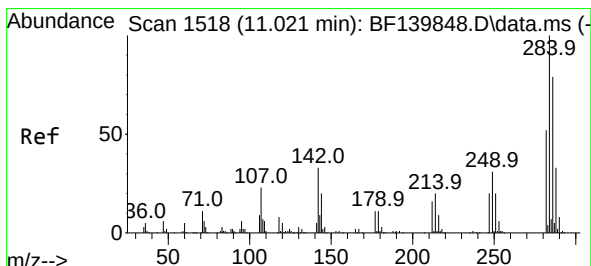
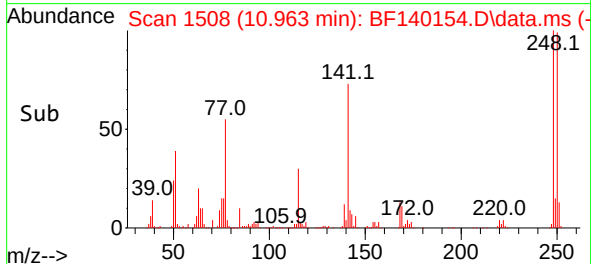
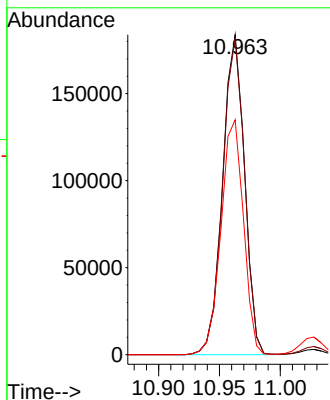
Manual Integrations
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Reviewed By :Yogesh
Patel

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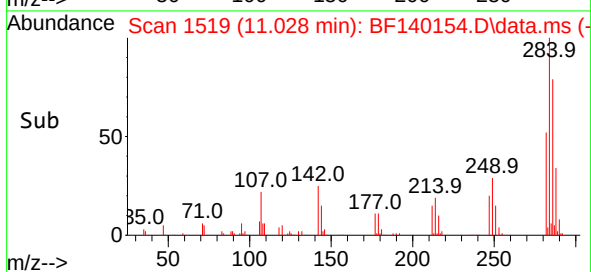
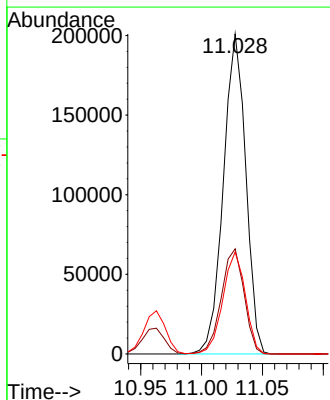
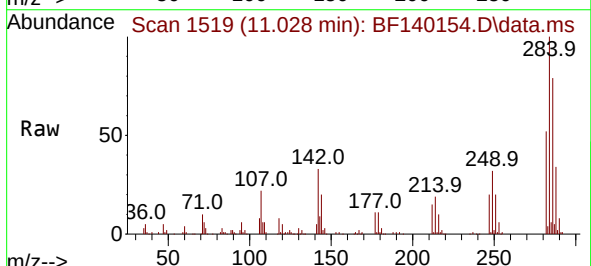
Supervised By :mohammad
ahmed

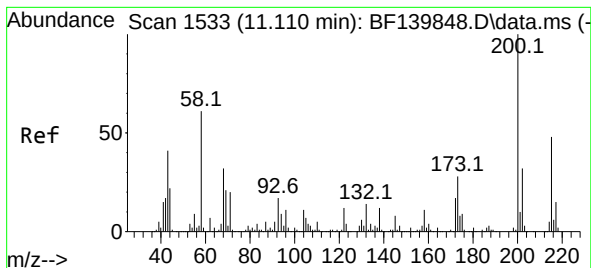
11/04/2024



#68
Hexachlorobenzene
Concen: 50.076 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:284 Resp: 257457
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 31.8 25.3 37.9





#69

Atrazine

Concen: 62.201 ng

RT: 11.122 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:200 Resp: 22378

Ion Ratio Lower Upper

200 100

173 26.8 7.7 47.7

215 46.8 27.7 67.7

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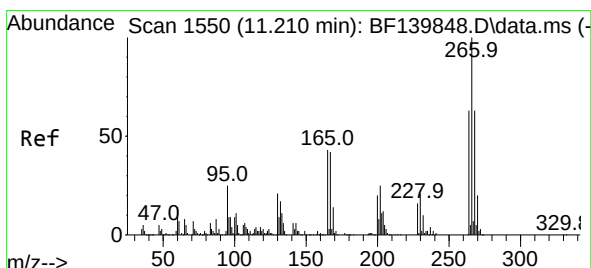
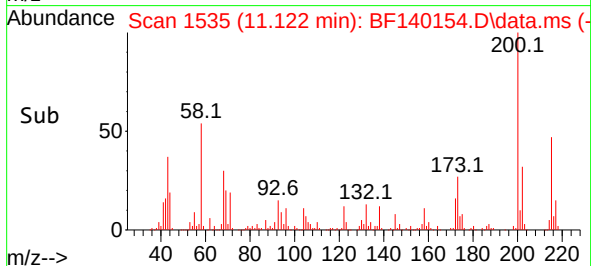
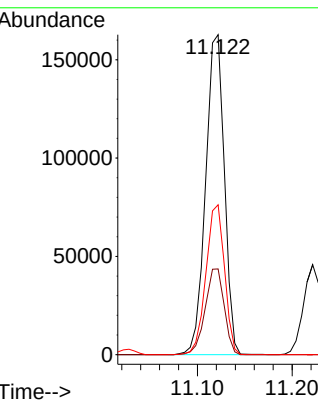
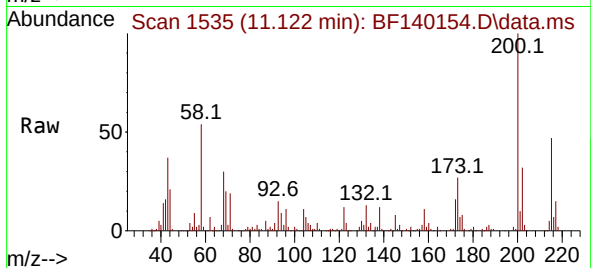
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#70

Pentachlorophenol

Concen: 103.559 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

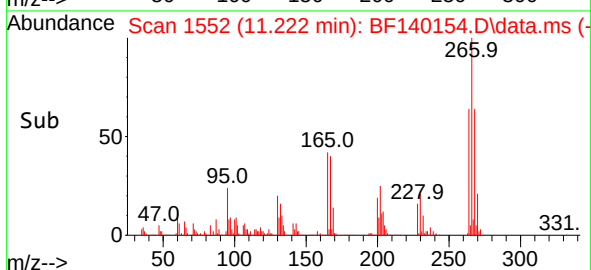
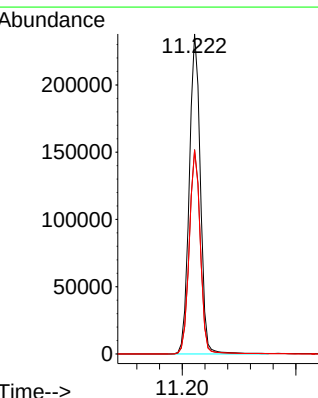
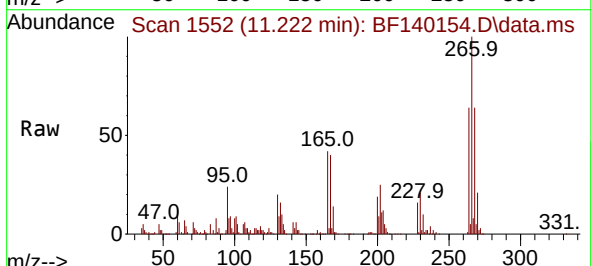
Tgt Ion:266 Resp: 323136

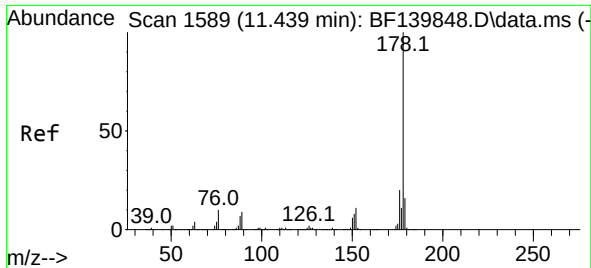
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.6 50.6 75.8





#71
Phenanthrene
Concen: 50.670 ng
RT: 11.445 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS

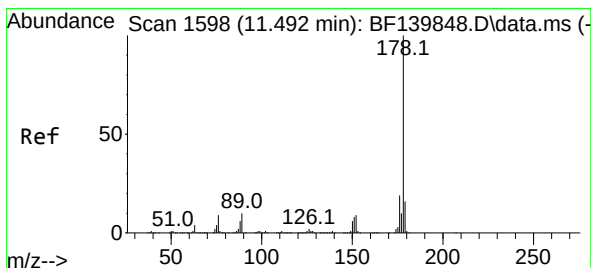
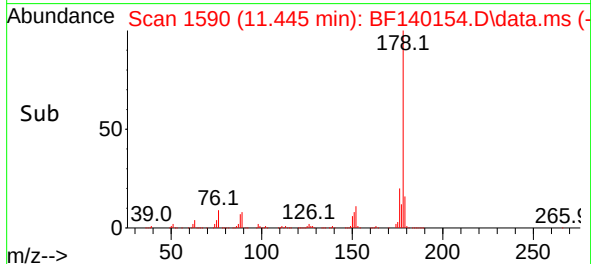
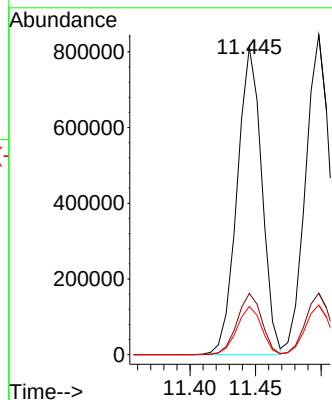
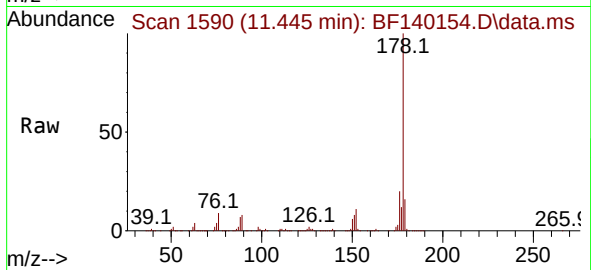
Tgt Ion:178 Resp: 1062070
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.7 12.6 18.8

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Reviewed By :Yogesh
Patel

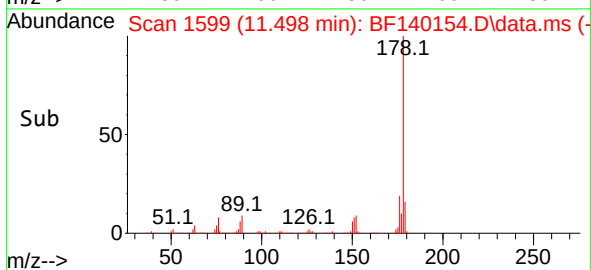
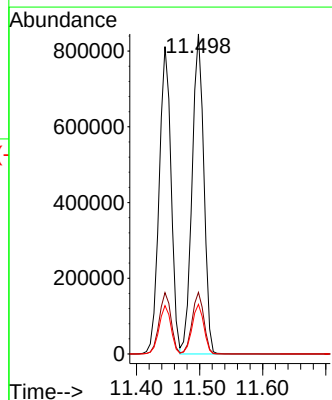
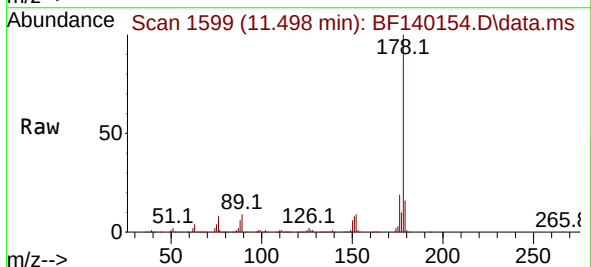
11/04/2024
Supervised By :mohammad
ahmed

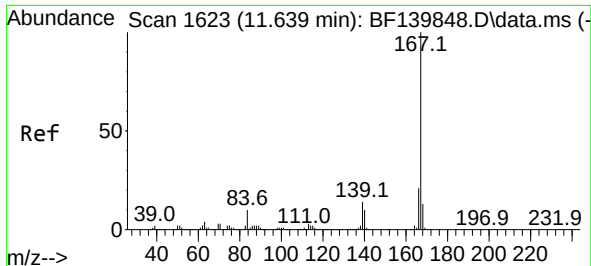
11/04/2024



#72
Anthracene
Concen: 53.321 ng
RT: 11.498 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

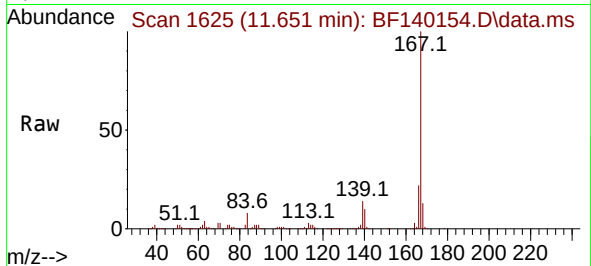
Tgt Ion:178 Resp: 1090470
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 50.626 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. 0.012 min
 Lab File: BF140154.D
 Acq: 30 Oct 2024 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB164531BS



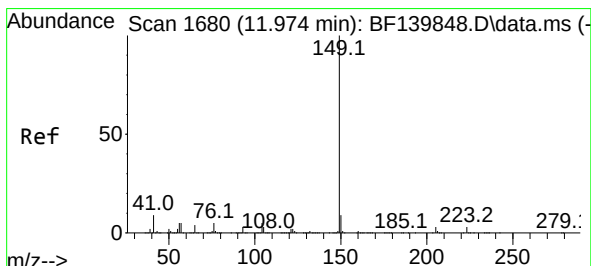
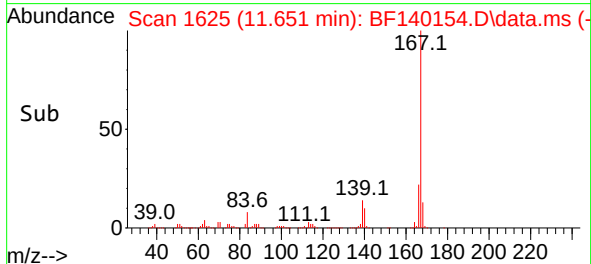
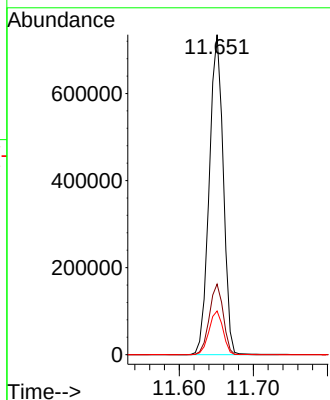
Tgt Ion:167 Resp: 962890
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.7 10.8 16.2

Manual Integrations
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Reviewed By :Yogesh
 Patel

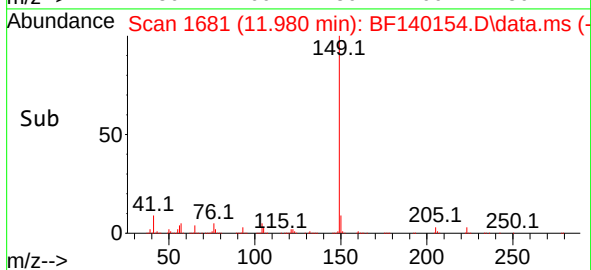
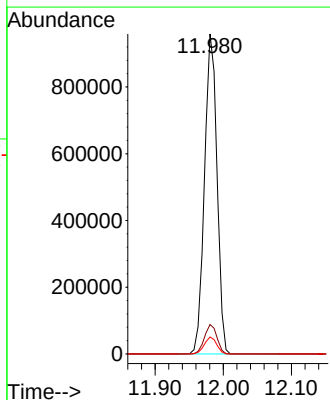
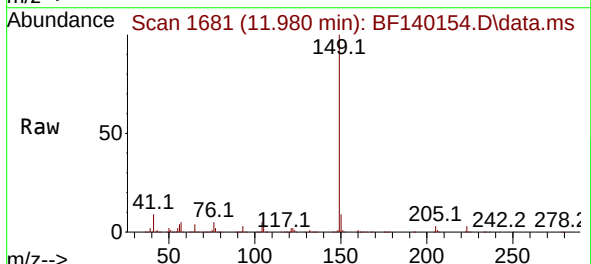
11/04/2024
 Supervised By :mohammad
 ahmed

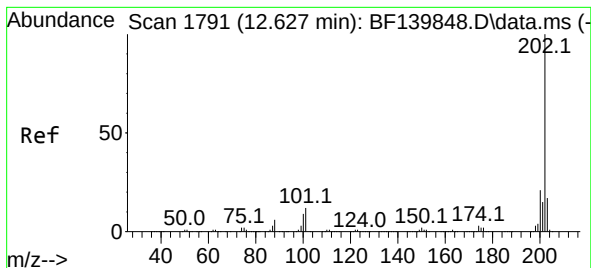
11/04/2024



#74
 Di-n-butylphthalate
 Concen: 55.662 ng
 RT: 11.980 min Scan# 1681
 Delta R.T. 0.006 min
 Lab File: BF140154.D
 Acq: 30 Oct 2024 13:43

Tgt Ion:149 Resp: 1223149
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 52.729 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion:202 Resp: 1117308

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.9

203 17.8 0.0 37.5

Manual Integrations

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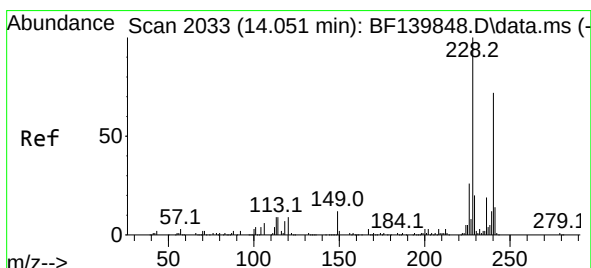
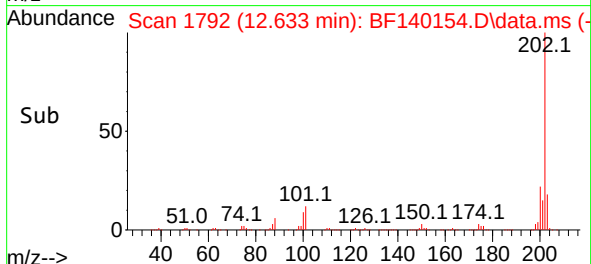
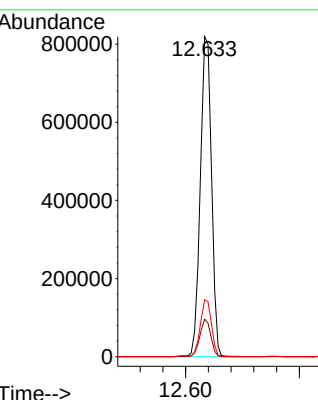
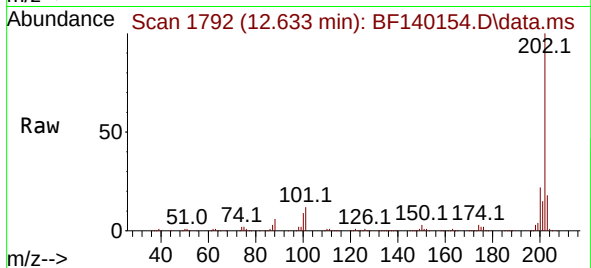
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.024 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

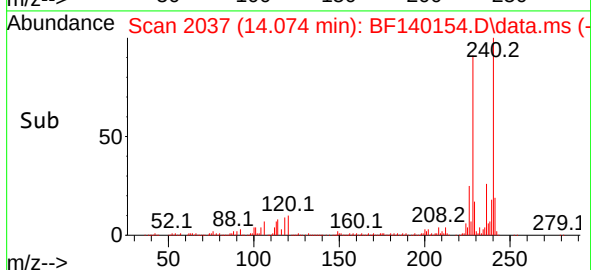
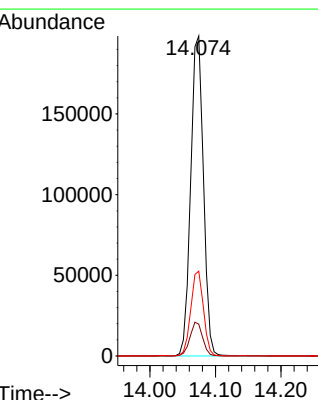
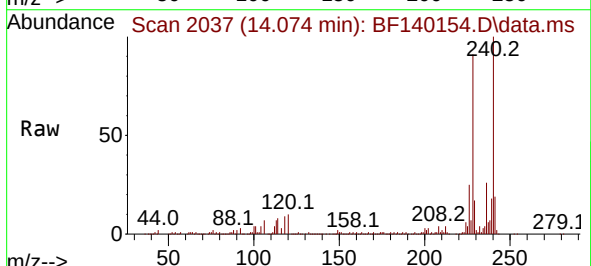
Tgt Ion:240 Resp: 268777

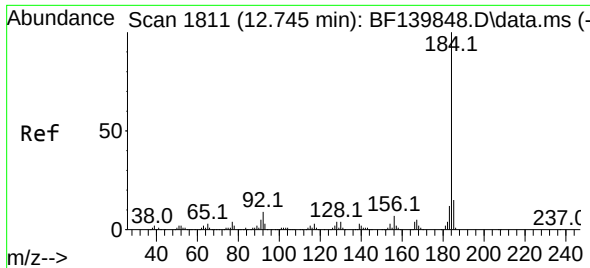
Ion Ratio Lower Upper

240 100

120 9.9 9.4 14.2

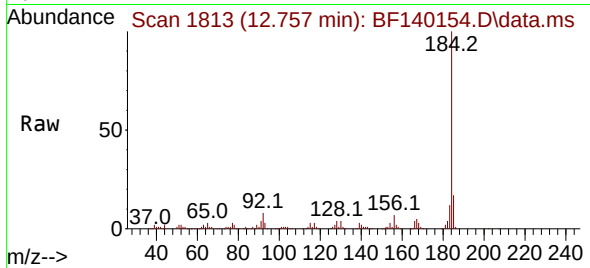
236 26.5 20.9 31.3





#77
Benzidine
Concen: 50.559 ng
RT: 12.757 min Scan# 1813
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



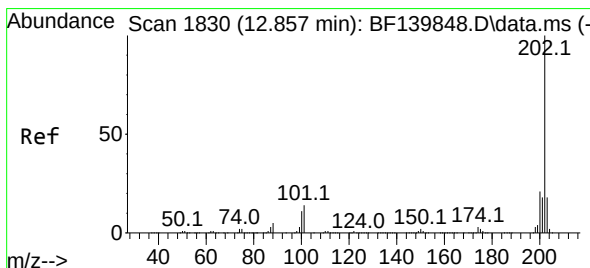
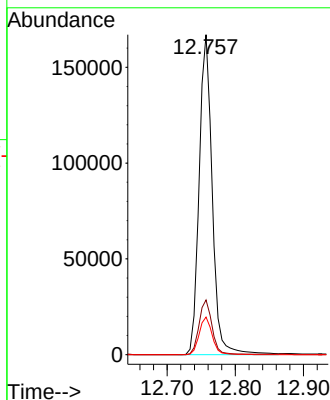
Tgt Ion:184 Resp: 223450
Ion Ratio Lower Upper
184 100
185 17.1 12.0 18.0
183 11.8 9.4 14.2

Manual Integrations
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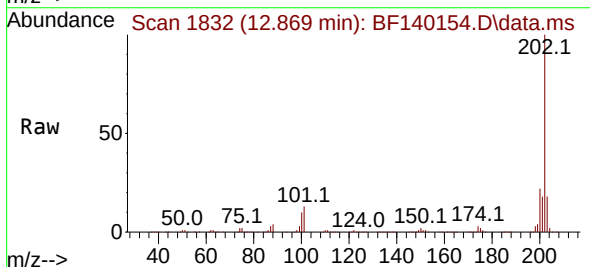
Reviewed By :Yogesh
Patel

11/04/2024
Supervised By :mohammad
ahmed

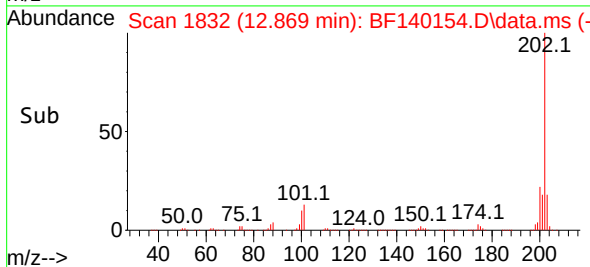
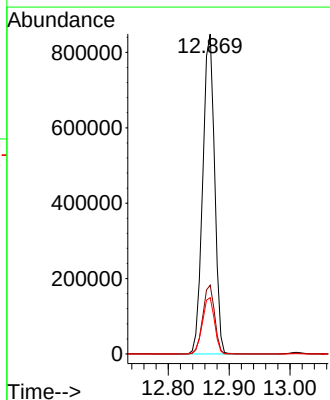
11/04/2024

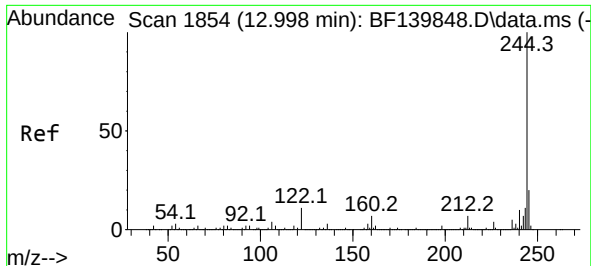


#78
Pyrene
Concen: 48.679 ng
RT: 12.869 min Scan# 1832
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:202 Resp: 1145259
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 14.2 21.4





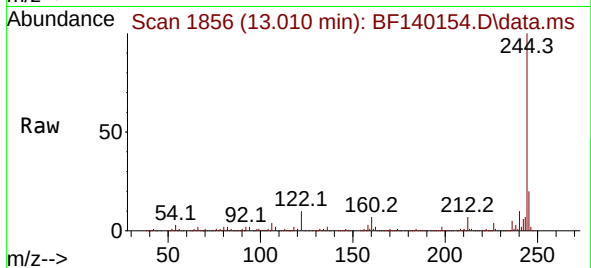
#79
Terphenyl-d14
Concen: 99.389 ng
RT: 13.010 min Scan# 1854
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:244 Resp: 163939
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.9 8.6 13.0

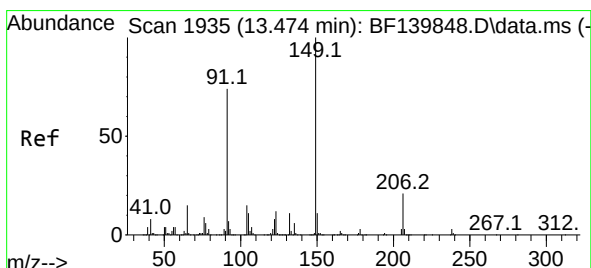
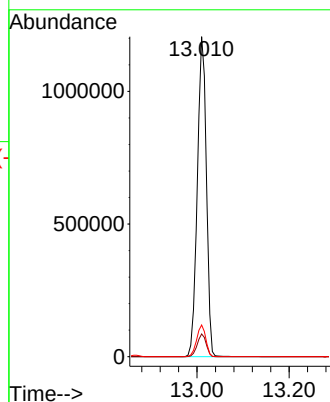
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

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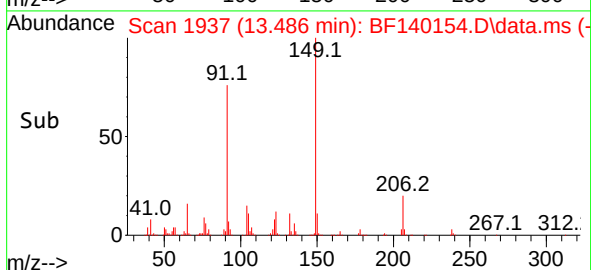
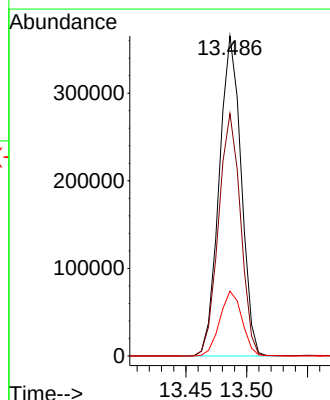
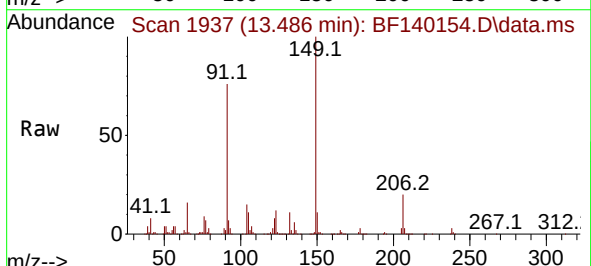
Supervised By :mohammad
ahmed

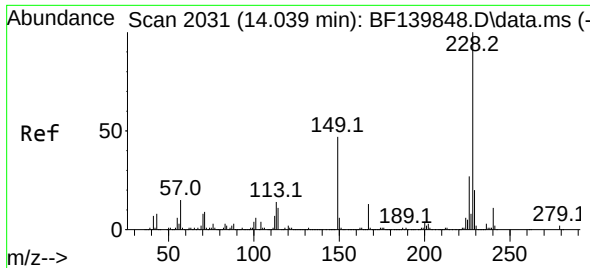
11/04/2024



#80
Butylbenzylphthalate
Concen: 65.160 ng
RT: 13.486 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:149 Resp: 459601
Ion Ratio Lower Upper
149 100
91 75.7 59.4 89.2
206 20.3 16.4 24.6





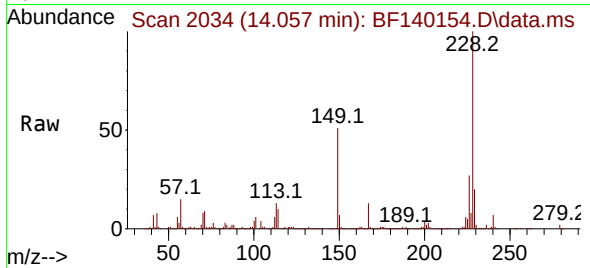
#81
Benzo(a)anthracene
Concen: 52.756 ng
RT: 14.057 min Scan# 2031
Delta R.T. 0.018 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:228 Resp: 923035
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 16.1 24.1

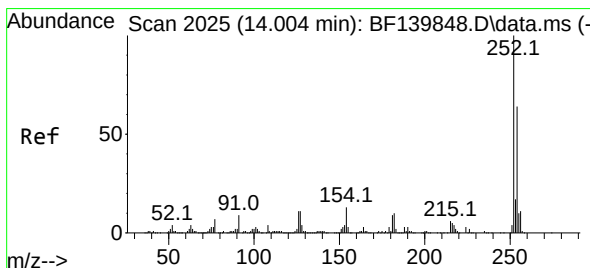
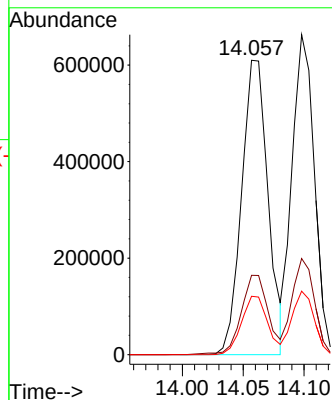
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

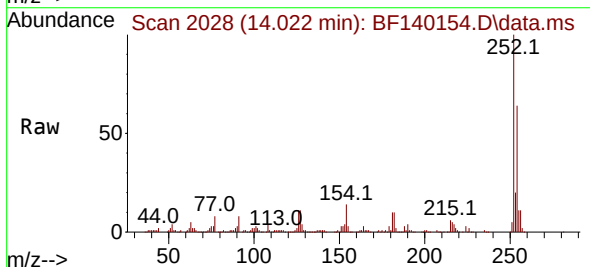
11/04/2024

Supervised By :mohammad
ahmed

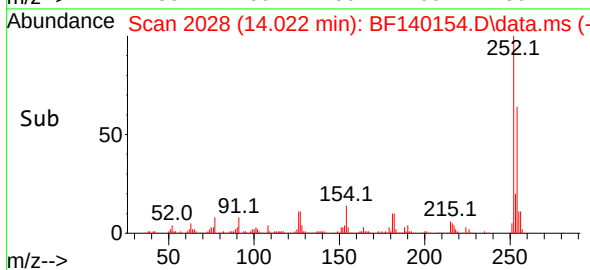
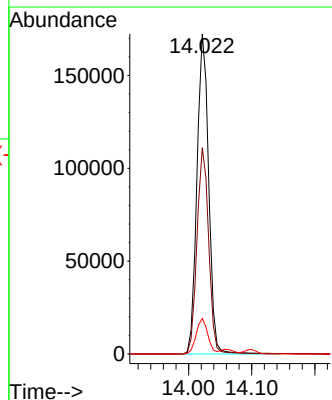
11/04/2024

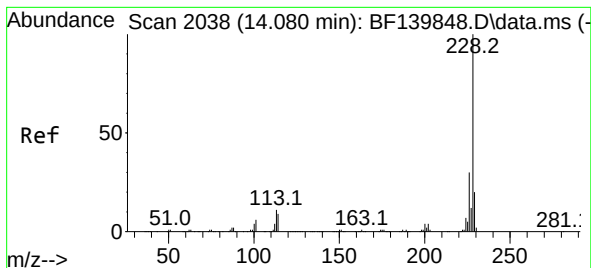


#82
3,3'-Dichlorobenzidine
Concen: 43.468 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.018 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:252 Resp: 221747
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 11.1 8.9 13.3





#83

Chrysene

Concen: 52.958 ng

RT: 14.098 min Scan# 2041

Delta R.T. 0.018 min

Lab File: BF140154.D

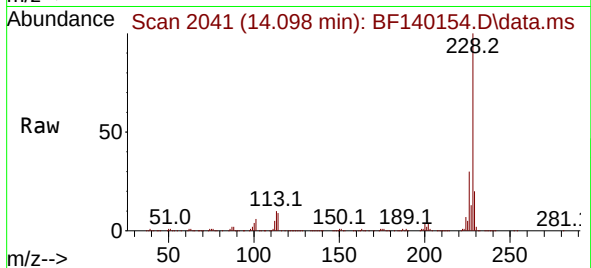
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:228 Resp: 849568

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.9 15.8 23.6

Manual Integrations

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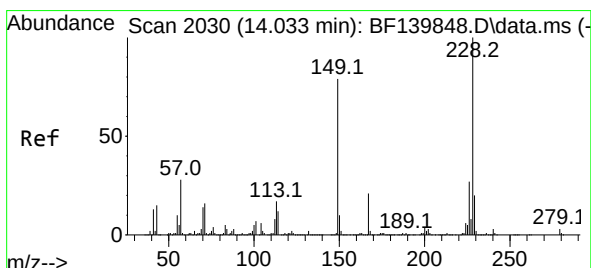
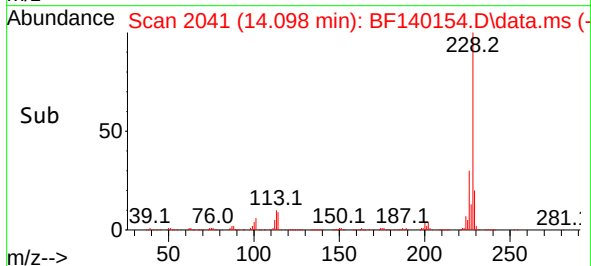
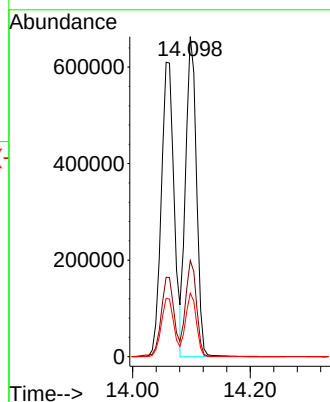
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.719 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.018 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

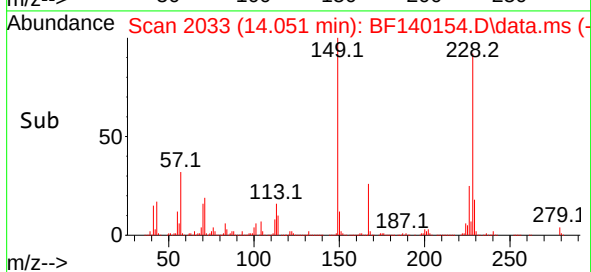
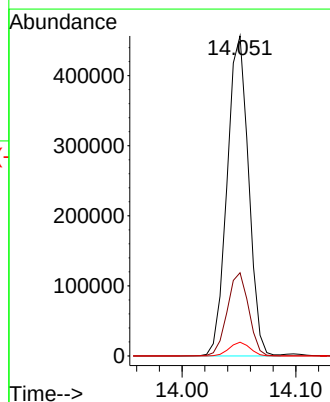
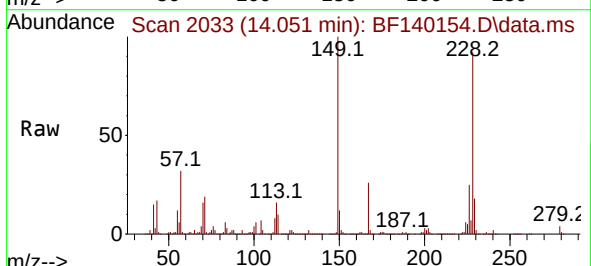
Tgt Ion:149 Resp: 599211

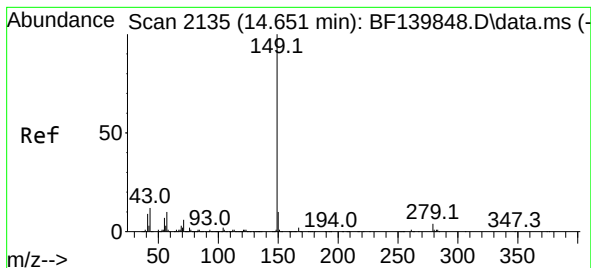
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.0

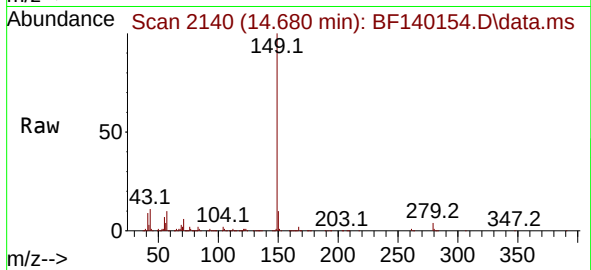
279 4.3 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 65.735 ng
RT: 14.680 min Scan# 2135
Delta R.T. 0.029 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS



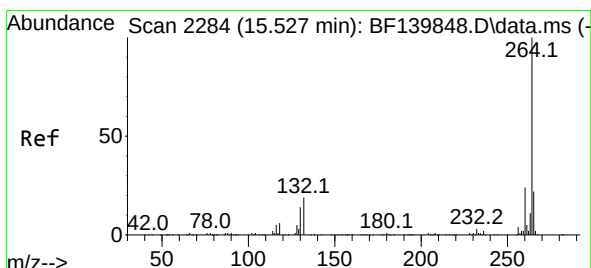
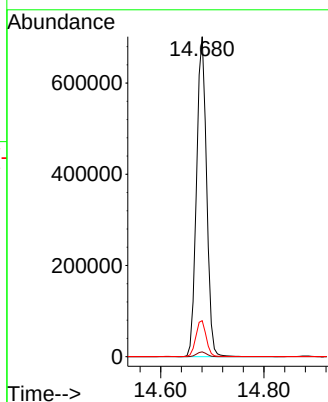
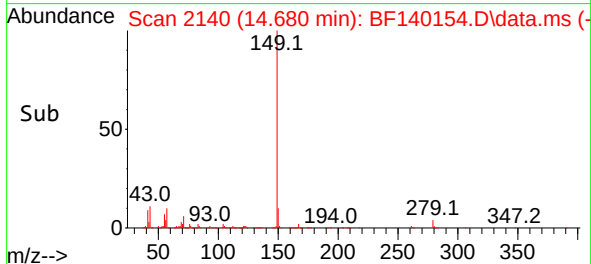
Tgt Ion:149 Resp: 94617
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.8 14.6

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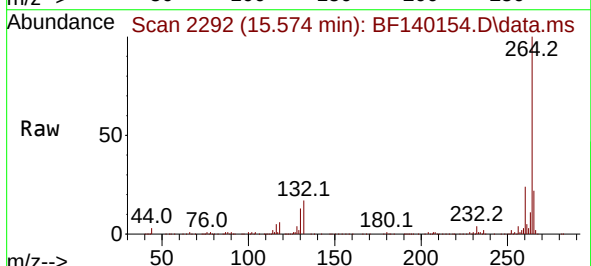
Reviewed By :Yogesh
Patel

11/04/2024
Supervised By :mohammad
ahmed

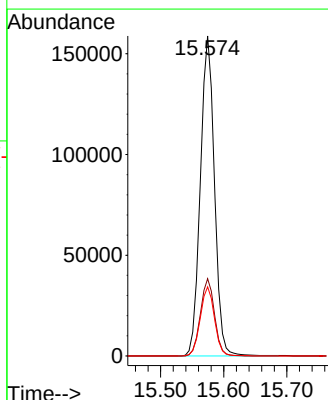
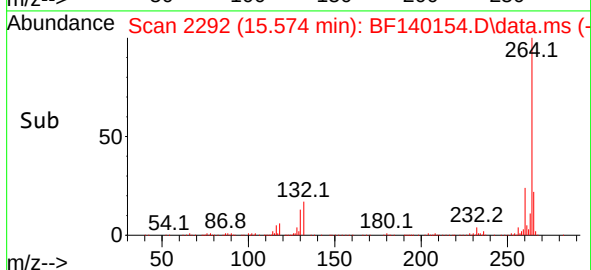
11/04/2024

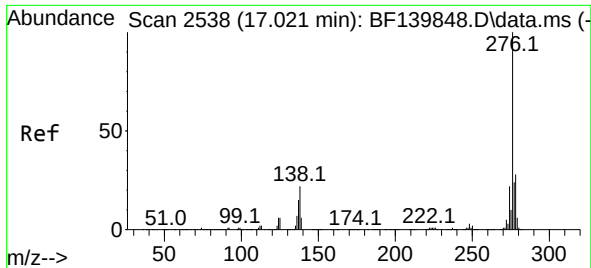


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2292
Delta R.T. 0.047 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:264 Resp: 246640
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.6 17.4 26.0





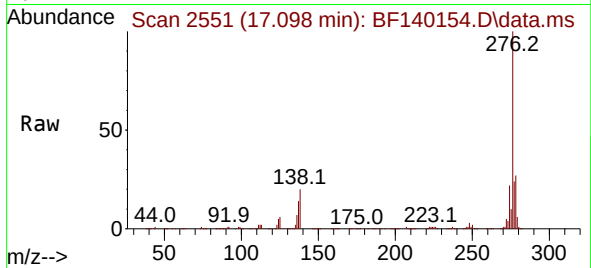
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.532 ng
RT: 17.098 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:276 Resp: 86526
Ion Ratio Lower Upper
276 100
138 23.2 20.4 30.6
277 25.1 20.2 30.4

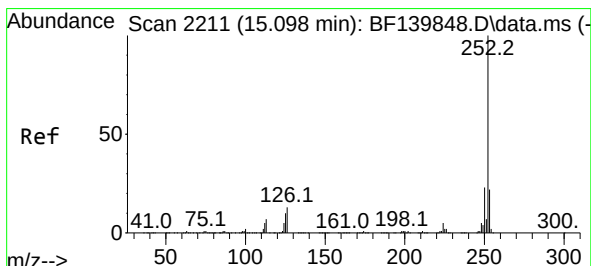
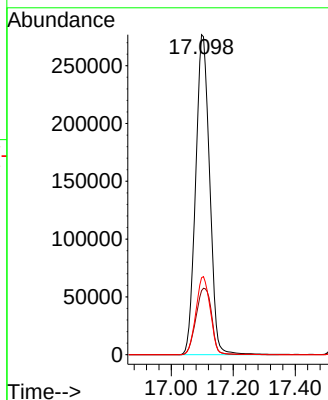
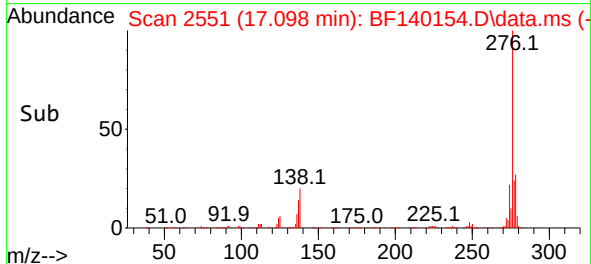
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

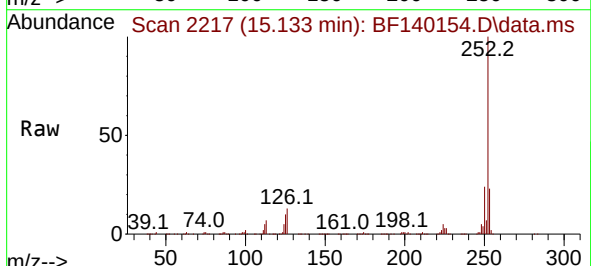
11/04/2024

Supervised By :mohammad
ahmed

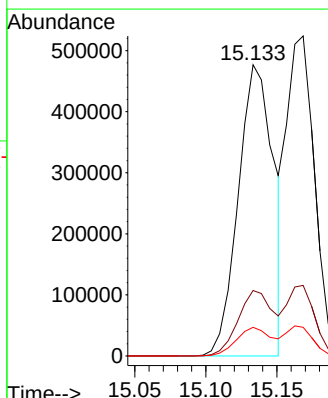
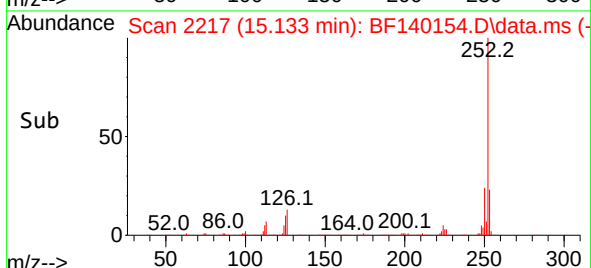
11/04/2024

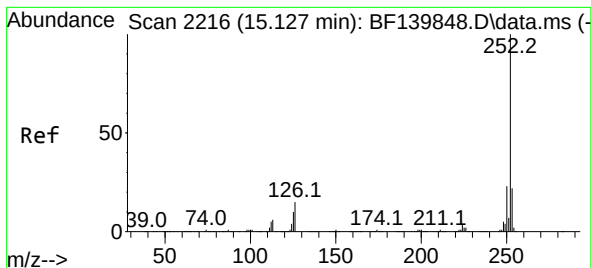


#88
Benzo(b)fluoranthene
Concen: 54.853 ng
RT: 15.133 min Scan# 2217
Delta R.T. 0.036 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:252 Resp: 824119
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 55.828 ng

RT: 15.169 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140154.D

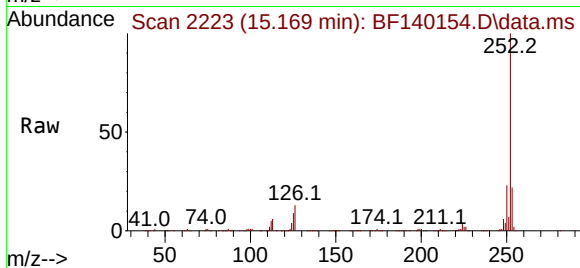
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:252 Resp: 72337

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.0	7.9	11.9

Manual Integrations

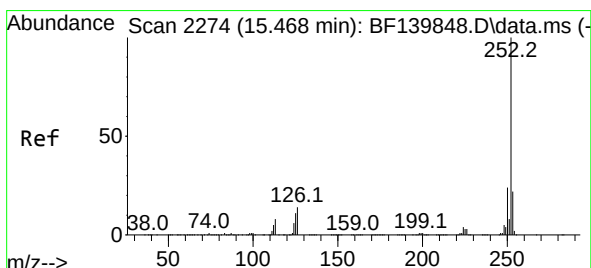
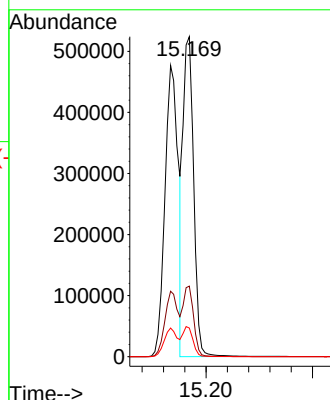
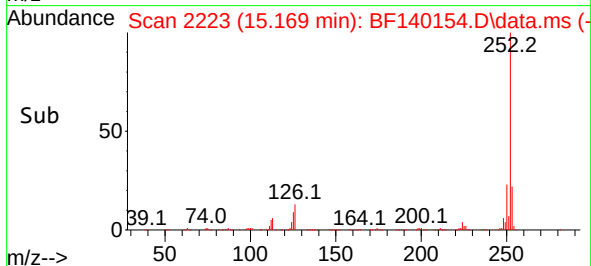
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Reviewed By :Yogesh
Patel

11/04/2024

Supervised By :mohammad
ahmed

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#90

Benzo(a)pyrene

Concen: 58.550 ng

RT: 15.510 min Scan# 2281

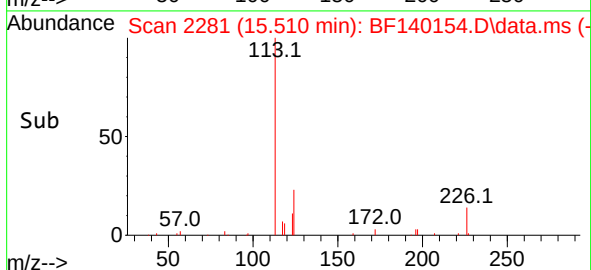
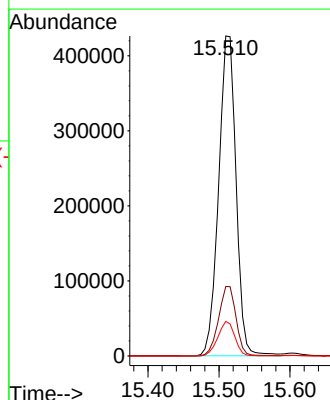
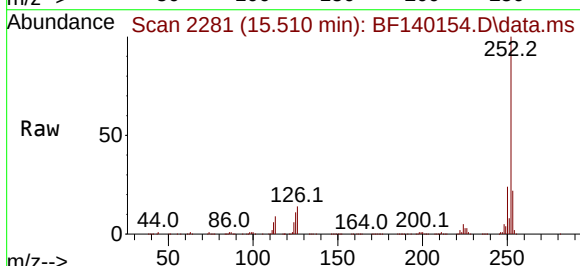
Delta R.T. 0.041 min

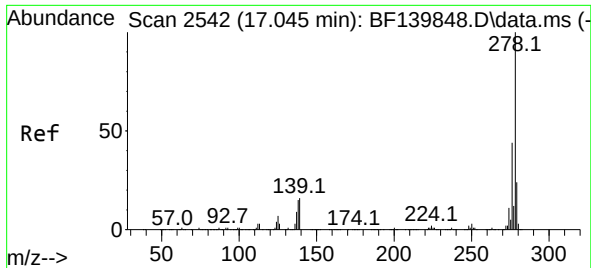
Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Tgt Ion:252 Resp: 723819

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.8	8.7	13.1





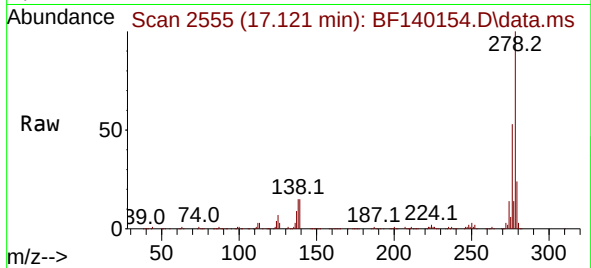
#91
Dibenzo(a,h)anthracene
Concen: 52.976 ng
RT: 17.121 min Scan# 2542
Delta R.T. 0.077 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS



Tgt Ion:278 Resp: 701220
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 23.7 19.0 28.4

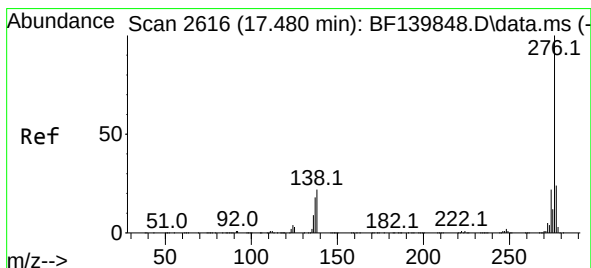
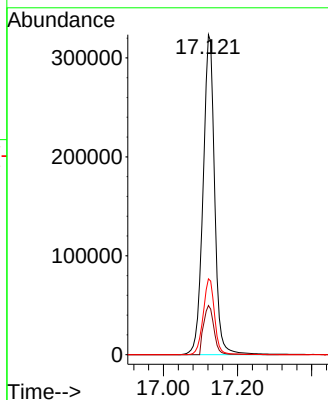
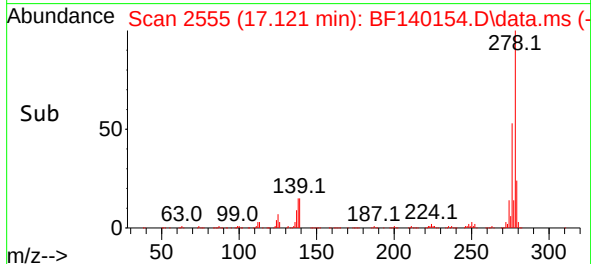
Manual Integrations
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Reviewed By :Yogesh
Patel

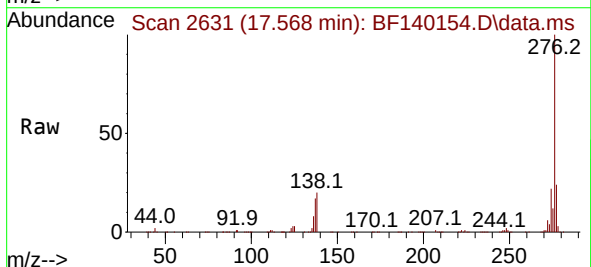
11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#92
Benzo(g,h,i)perylene
Concen: 48.876 ng
RT: 17.568 min Scan# 2631
Delta R.T. 0.088 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43



Tgt Ion:276 Resp: 646218
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.1 17.4 26.0

