

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140039.D
 Acq On : 25 Oct 2024 16:01
 Operator : RC/JU
 Sample : P4487-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

10/25/2024
 Supervised By :mohammad
 ahmed

Quant Time: Oct 25 16:32:43 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	6.893	152	98969	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	385080	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	221263	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	405556	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215222	20.000	ng	0.00
86) Perylene-d12	15.527	264	234806	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	813832	128.732	ng	0.02
7) Phenol-d6	6.516	99	973955	118.950	ng	0.00
23) Nitrobenzene-d5	7.451	82	727732	104.741	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	357148	172.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1327340	99.144	ng	0.00
79) Terphenyl-d14	12.998	244	1441289	109.122	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	118056	40.052	ng	# 81
3) Pyridine	3.575	79	203925	27.911	ng	98
4) n-Nitrosodimethylamine	3.510	42	175134	44.615	ng	98
6) Aniline	6.557	93	201834	26.449	ng	98
8) 2-Chlorophenol	6.675	128	326864	50.575	ng	97
9) Benzaldehyde	6.440	77	25716	5.583	ng	98
10) Phenol	6.528	94	362362m	42.927	ng	
11) bis(2-Chloroethyl)ether	6.628	93	311065	47.676	ng	99
12) 1,3-Dichlorobenzene	6.834	146	347489	46.838	ng	100
13) 1,4-Dichlorobenzene	6.910	146	351728	47.454	ng	99
14) 1,2-Dichlorobenzene	7.063	146	335826	48.547	ng	99
15) Benzyl Alcohol	7.028	79	316164	52.640	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	502598	45.176	ng	97
17) 2-Methylphenol	7.134	107	272199	49.393	ng	98
18) Hexachloroethane	7.404	117	126307	47.787	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	245666	49.470	ng	97
20) 3+4-Methylphenols	7.293	107	333914	47.371	ng	# 77
22) Acetophenone	7.298	105	464025	49.198	ng	99
24) Nitrobenzene	7.475	77	369551	48.512	ng	99
25) Isophorone	7.710	82	674753	51.167	ng	99
26) 2-Nitrophenol	7.787	139	170732	59.410	ng	97
27) 2,4-Dimethylphenol	7.816	122	279646	58.358	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	387604	48.513	ng	99
29) 2,4-Dichlorophenol	8.022	162	281949	51.657	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	294385	48.743	ng	98
31) Naphthalene	8.193	128	970453	48.864	ng	100
32) Benzoic acid	7.928	122	184889	44.237	ng	97
33) 4-Chloroaniline	8.234	127	70242	10.372	ng	99
34) Hexachlorobutadiene	8.310	225	190431	50.184	ng	98
35) Caprolactam	8.604	113	83448m	48.083	ng	
36) 4-Chloro-3-methylphenol	8.716	107	324091	53.624	ng	100
37) 2-Methylnaphthalene	8.887	142	628051	51.636	ng	99
38) 1-Methylnaphthalene	8.981	142	589032	49.360	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	302113	50.611	ng	99
41) Hexachlorocyclopentadiene	9.040	237	380181	183.040	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	226345	53.557	ng	100

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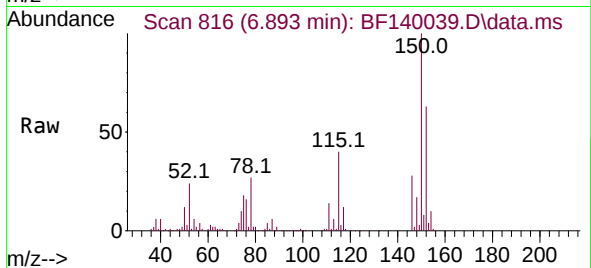
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	234749	53.838	ng	99
46) 1,1'-Biphenyl	9.351	154	769578	49.962	ng	99
47) 2-Chloronaphthalene	9.375	162	613326	49.438	ng	99
48) 2-Nitroaniline	9.469	65	221868	58.475	ng	95
49) Acenaphthylene	9.792	152	976212	54.430	ng	99
50) Dimethylphthalate	9.651	163	749255	54.365	ng	100
51) 2,6-Dinitrotoluene	9.710	165	165998	55.628	ng	98
52) Acenaphthene	9.963	154	684346	58.984	ng	100
53) 3-Nitroaniline	9.875	138	80352	26.111	ng	98
54) 2,4-Dinitrophenol	9.986	184	171086	133.260	ng	# 1
55) Dibenzofuran	10.134	168	874410	52.528	ng	99
56) 4-Nitrophenol	10.034	139	256645	108.401	ng	94
57) 2,4-Dinitrotoluene	10.116	165	229232	62.467	ng	98
58) Fluorene	10.481	166	668760	52.746	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	200845	58.758	ng	97
60) Diethylphthalate	10.351	149	747785	55.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	342824	53.542	ng	99
62) 4-Nitroaniline	10.492	138	164621	56.641	ng	95
63) Azobenzene	10.628	77	733181	51.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	121122	73.219	ng	92
66) n-Nitrosodiphenylamine	10.586	169	629850	51.890	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	222127	53.166	ng	99
68) Hexachlorobenzene	11.028	284	250605	53.333	ng	97
69) Atrazine	11.110	200	163505	49.727	ng	98
70) Pentachlorophenol	11.216	266	310243	108.790	ng	99
71) Phenanthrene	11.439	178	1012838	52.871	ng	100
72) Anthracene	11.492	178	1035040	55.377	ng	100
73) Carbazole	11.645	167	888049	51.087	ng	99
74) Di-n-butylphthalate	11.975	149	1131999	56.366	ng	100
75) Fluoranthene	12.628	202	979598	50.583	ng	98
77) Benzidine	12.745	184	88412	24.982	ng	99
78) Pyrene	12.857	202	970952	51.539	ng	100
80) Butylbenzylphthalate	13.475	149	374777	66.356	ng	98
81) Benzo(a)anthracene	14.045	228	762348	54.414	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	145138	35.530	ng	97
83) Chrysene	14.080	228	683451	53.205	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	477345	75.330	ng	99
85) Di-n-octyl phthalate	14.645	149	767600	66.598	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	834226	55.226	ng	97
88) Benzo(b)fluoranthene	15.098	252	709159	49.580	ng	99
89) Benzo(k)fluoranthene	15.127	252	715735	58.022	ng	99
90) Benzo(a)pyrene	15.469	252	683836	58.103	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	689989	54.755	ng	98
92) Benzo(g,h,i)perylene	17.486	276	605548	48.108	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF140039.D
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BP-B5MS



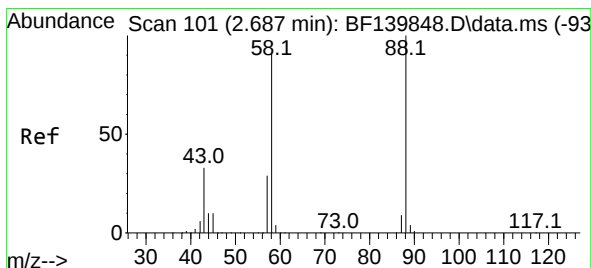
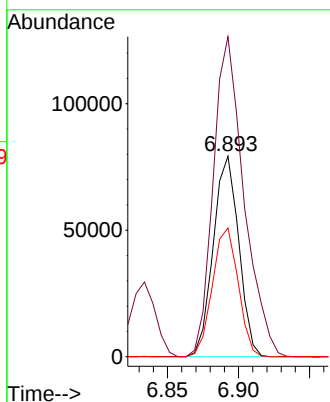
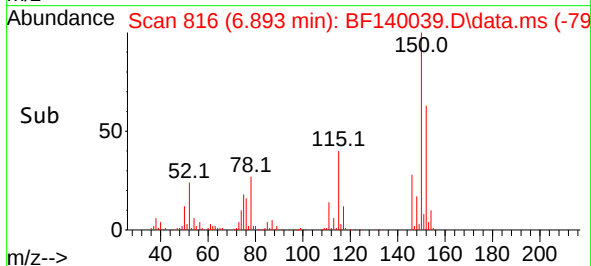
Tgt Ion:152 Resp: 98969
Ion Ratio Lower Upper
152 100
150 159.7 130.2 195.2
115 64.3 51.4 77.2

Manual Integrations
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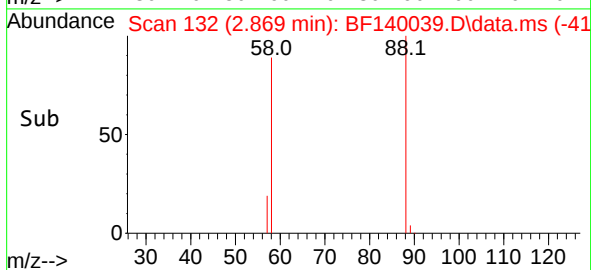
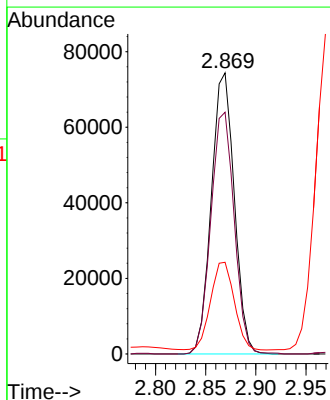
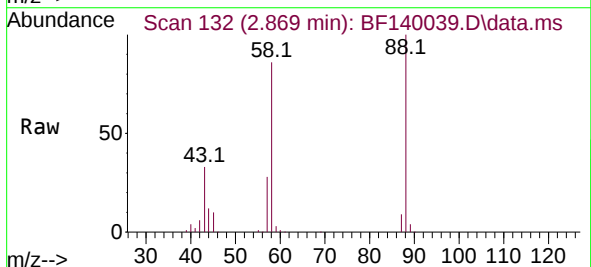
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Supervised By :mohammad
ahmed

10/28/2024



#2
1,4-Dioxane
Concen: 40.052 ng
RT: 2.869 min Scan# 132
Delta R.T. 0.183 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 88 Resp: 118056
Ion Ratio Lower Upper
88 100
58 87.6 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 27.911 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.130 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

Tgt Ion: 79	Resp: 20392
Ion Ratio	Lower Upper
79	100
52	83.9 68.5 102.7
51	41.0 32.3 48.5

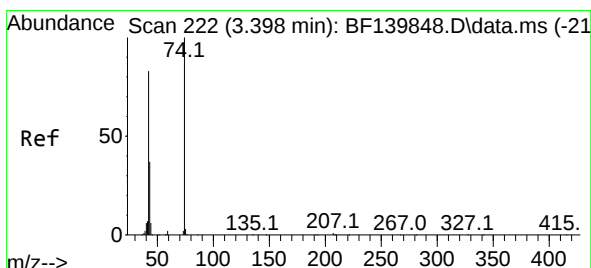
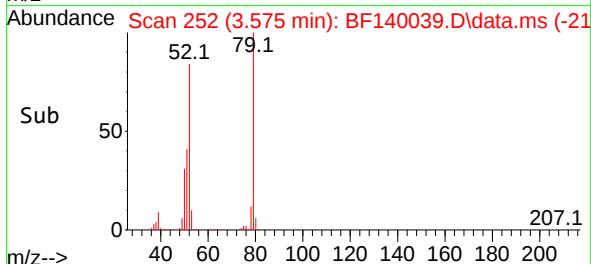
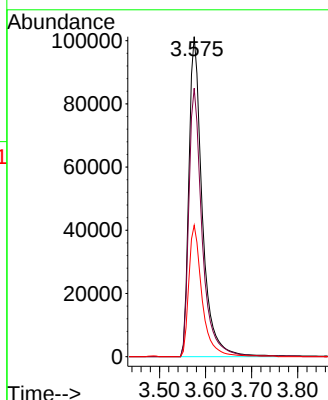
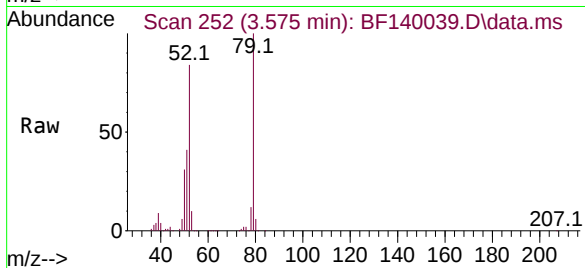
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#4

n-Nitrosodimethylamine

Concen: 44.615 ng

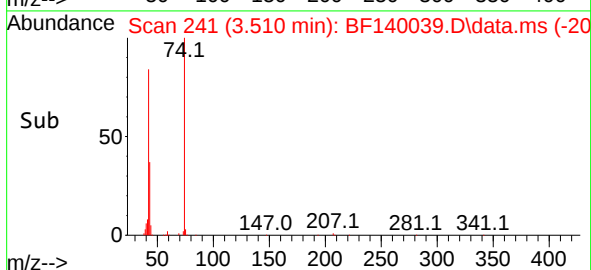
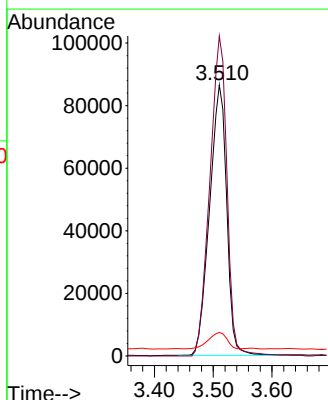
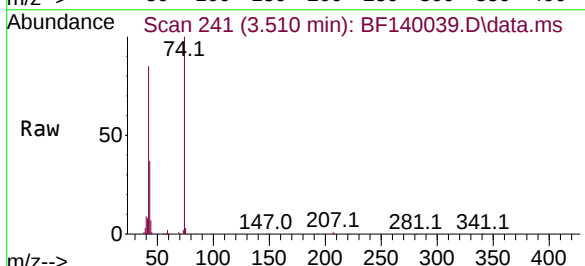
RT: 3.510 min Scan# 241

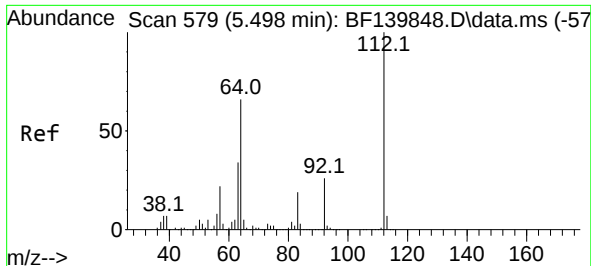
Delta R.T. 0.112 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Tgt Ion: 42	Resp: 175134
Ion Ratio	Lower Upper
42	100
74	118.0 96.2 144.4
44	8.7 6.2 9.2





#5
2-Fluorophenol
Concen: 128.732 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS

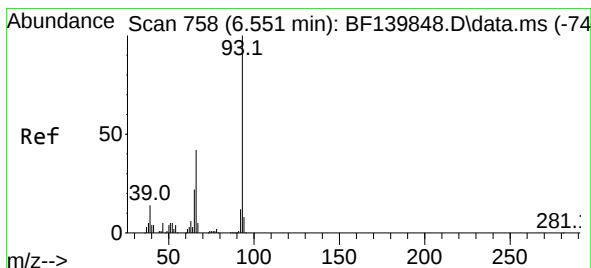
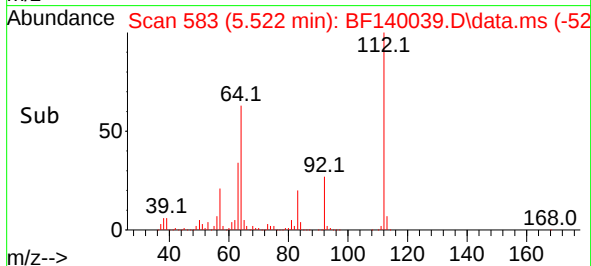
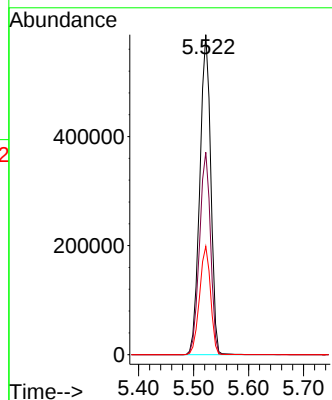
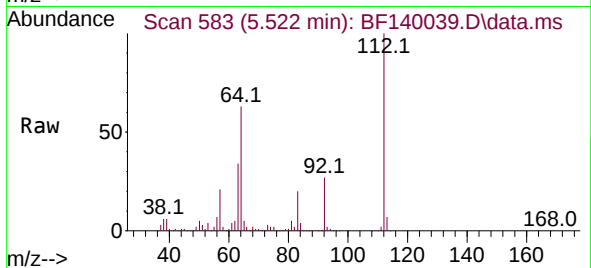
Tgt Ion:112 Resp: 81383
Ion Ratio Lower Upper
112 100
64 63.3 53.0 79.6
63 33.9 27.0 40.4

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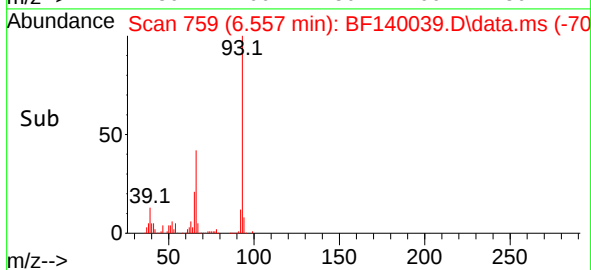
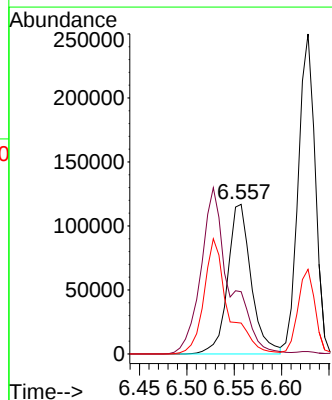
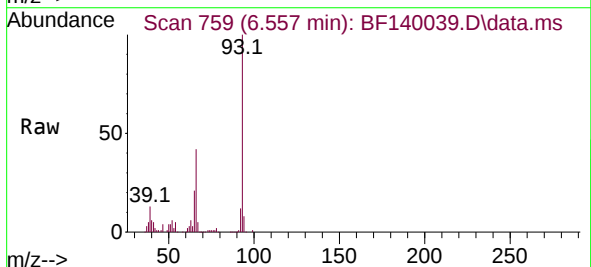
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Supervised By :mohammad
ahmed

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#6
Aniline
Concen: 26.449 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

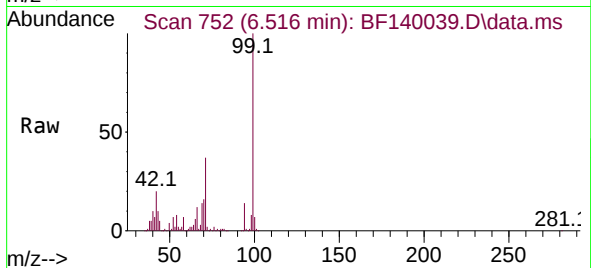
Tgt Ion: 93 Resp: 201834
Ion Ratio Lower Upper
93 100
66 41.6 34.0 51.0
65 20.6 17.4 26.0





#7
Phenol-d6
Concen: 118.950 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
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ClientSampleId :
BP-B5MS



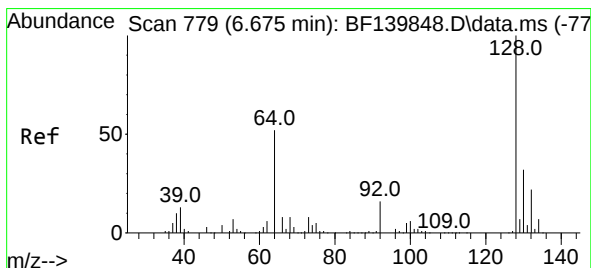
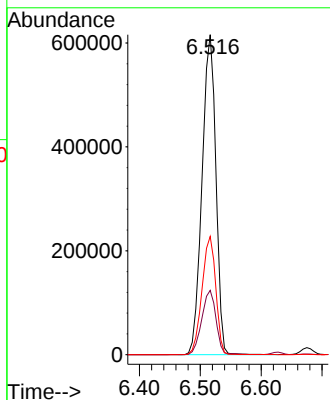
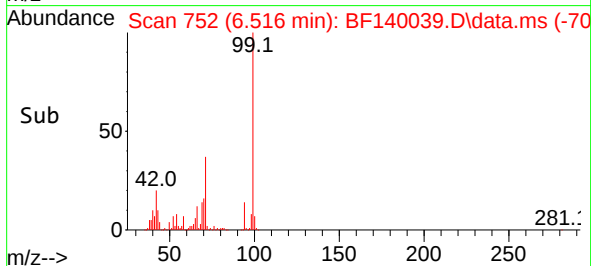
Tgt Ion: 99 Resp: 97395
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 37.0 27.7 41.5

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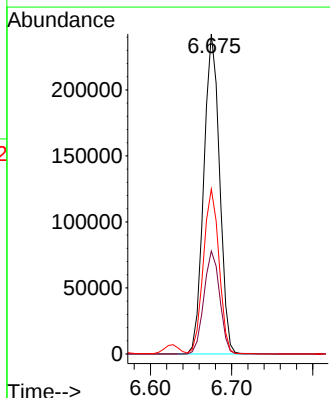
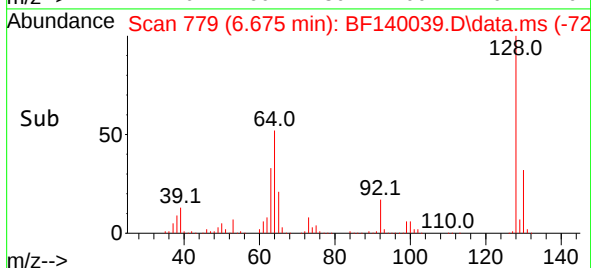
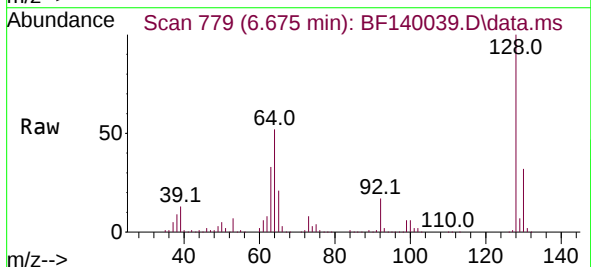
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#8
2-Chlorophenol
Concen: 50.575 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140039.D
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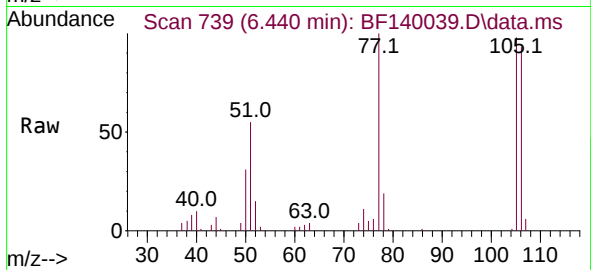
Tgt Ion:128 Resp: 326864
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 51.6 34.6 74.6





#9
Benzaldehyde
Concen: 5.583 ng
RT: 6.440 min Scan# 710
Delta R.T. 0.001 min
Lab File: BF140039.D
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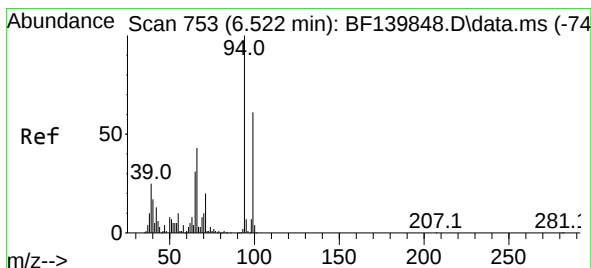
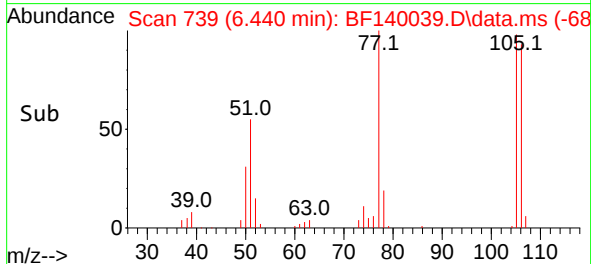
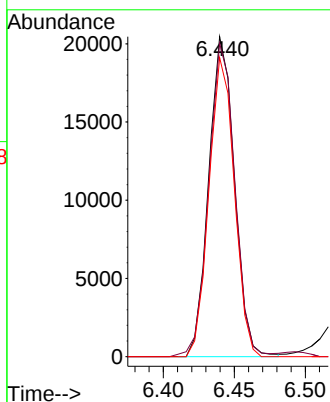
Tgt Ion: 77 Resp: 25710
Ion Ratio Lower Upper
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105 98.0 75.5 115.5
106 93.4 71.7 111.7

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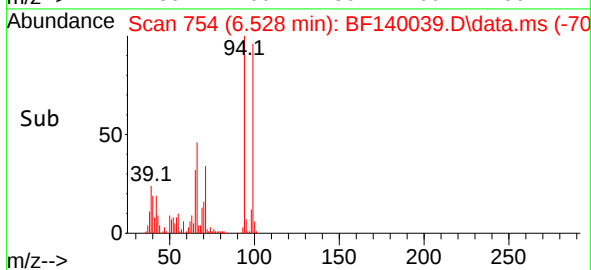
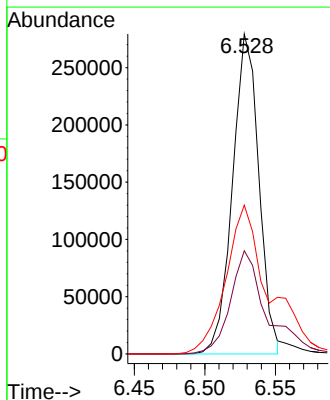
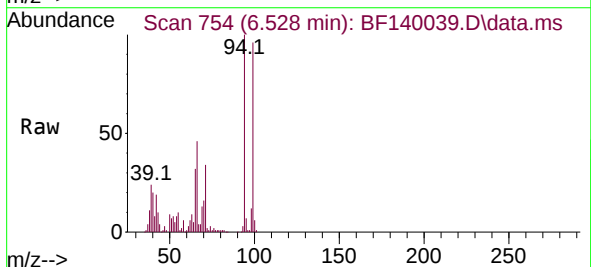
10/25/2024
Supervised By :mohammad
ahmed

10/28/2024



#10
Phenol
Concen: 42.927 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

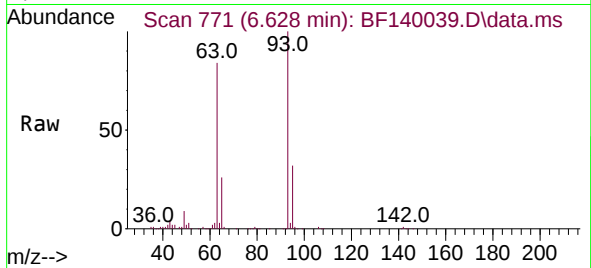
Tgt Ion: 94 Resp: 362362
Ion Ratio Lower Upper
94 100
65 32.2 11.1 51.1
66 46.5 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 47.676 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
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BP-B5MS



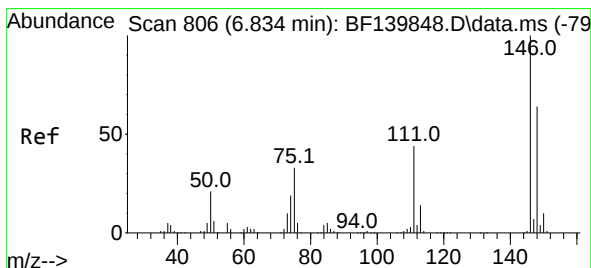
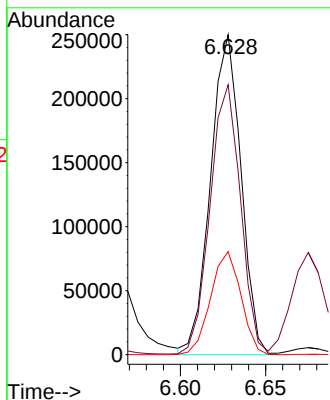
Tgt Ion: 93 Resp: 31106
Ion Ratio Lower Upper
93 100
63 84.4 65.0 105.0
95 32.2 12.4 52.4

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Reviewed By :Yogesh
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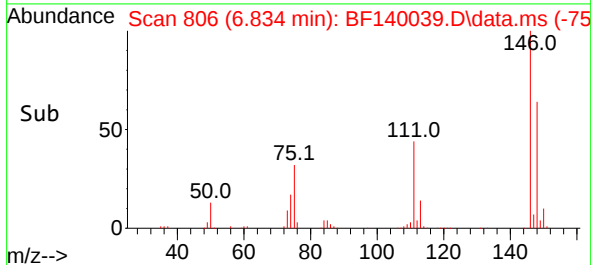
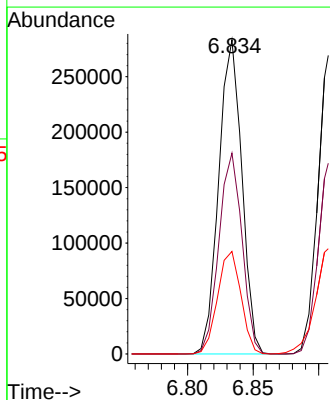
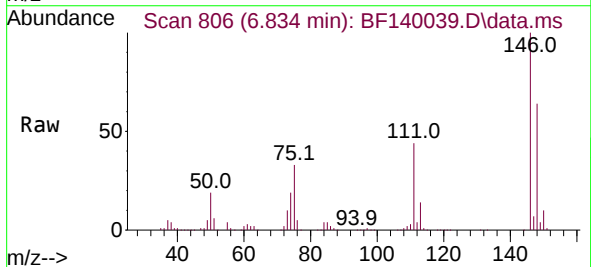
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Supervised By :mohammad
ahmed

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#12
1,3-Dichlorobenzene
Concen: 46.838 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:146 Resp: 347489
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 32.7 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 47.454 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS

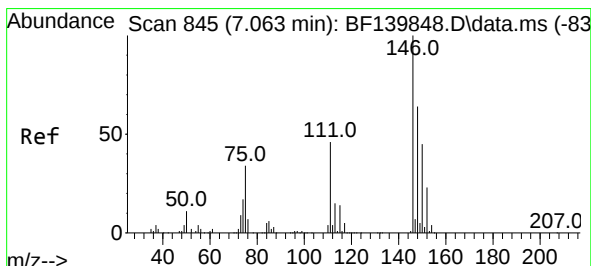
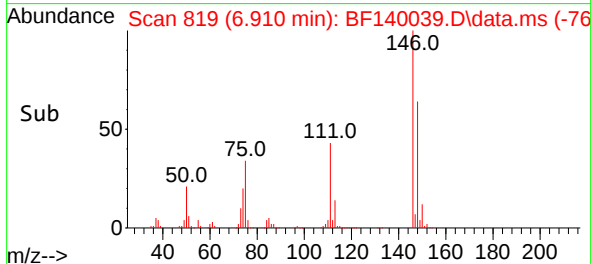
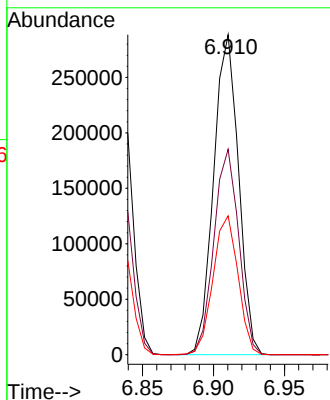
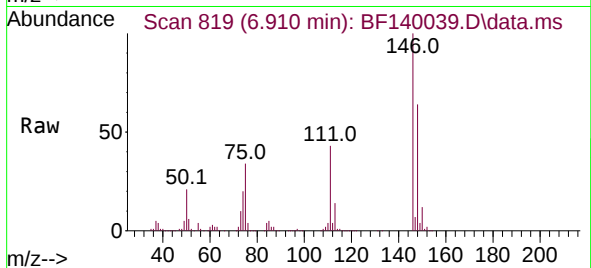
Tgt Ion:146 Resp: 351728
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 43.4 34.6 51.8

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Patel

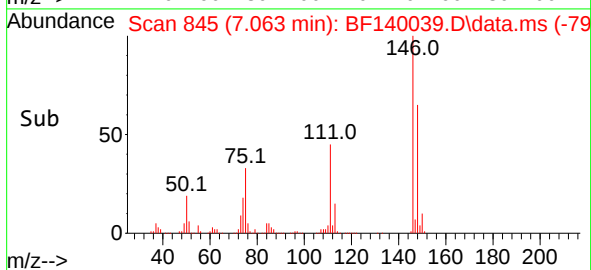
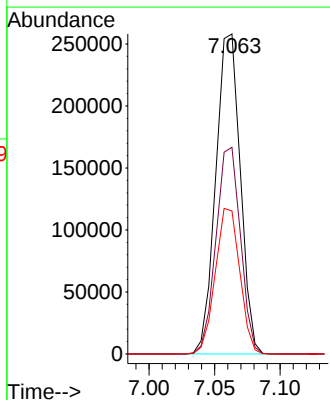
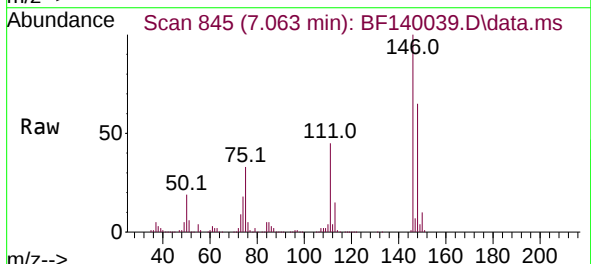
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Supervised By :mohammad
ahmed

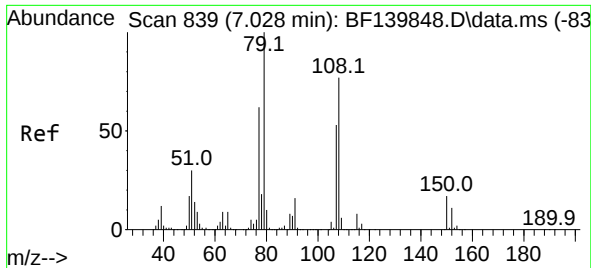
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#14
1,2-Dichlorobenzene
Concen: 48.547 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

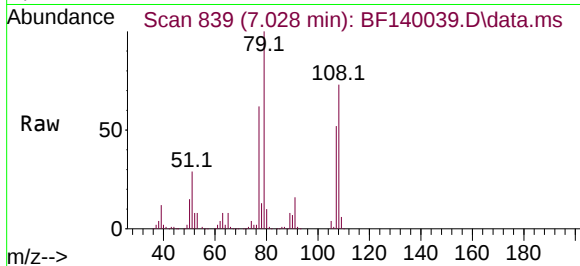
Tgt Ion:146 Resp: 335826
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 44.7 36.7 55.1





#15
Benzyl Alcohol
Concen: 52.640 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



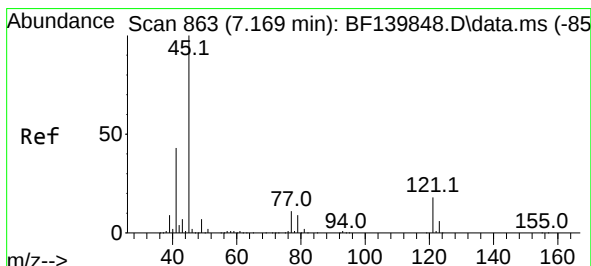
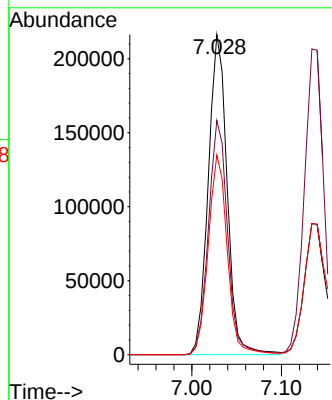
Tgt Ion: 79 Resp: 316164
Ion Ratio Lower Upper
79 100
108 73.2 61.4 92.0
77 62.4 49.9 74.9

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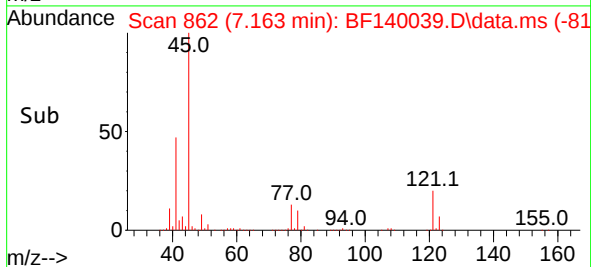
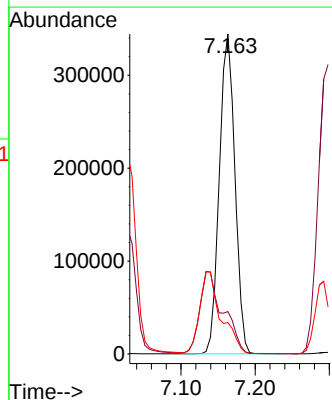
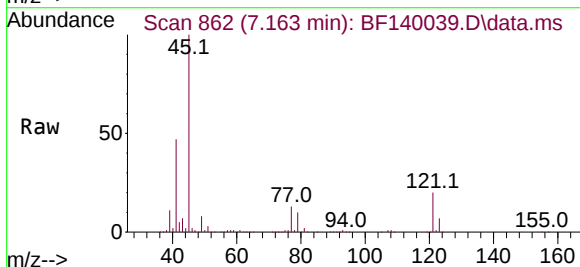
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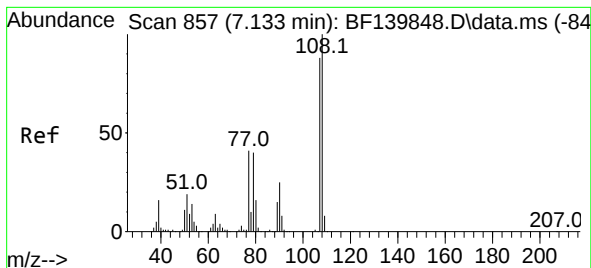
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.176 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

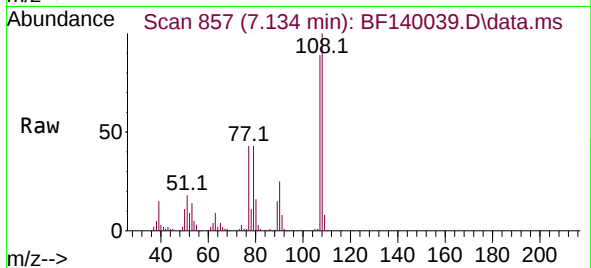
Tgt Ion: 45 Resp: 502598
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.5
79 9.8 0.0 29.1





#17
2-Methylphenol
Concen: 49.393 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



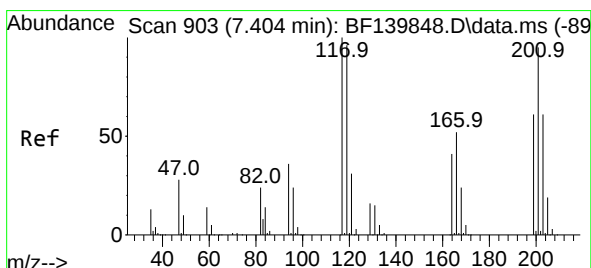
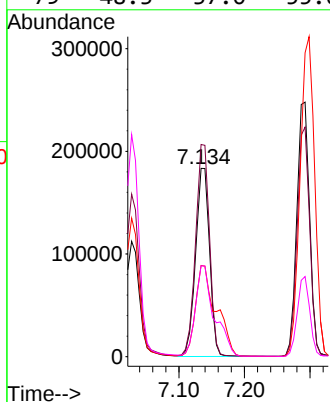
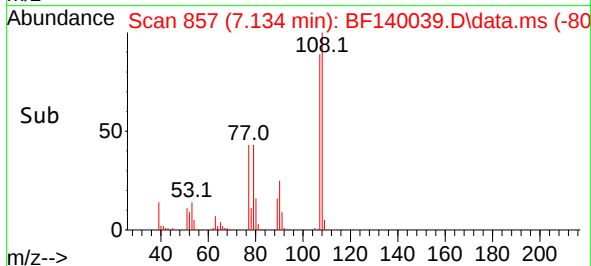
Tgt Ion:	107	Resp:	27219
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.3	136.9
77	48.4	37.1	55.7
79	48.3	37.0	55.6

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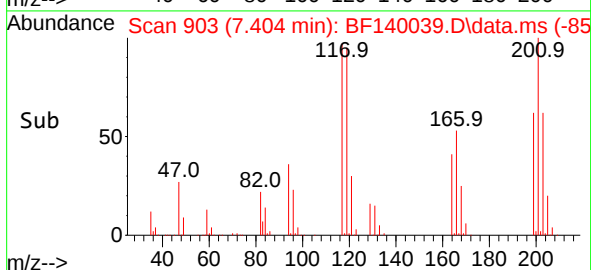
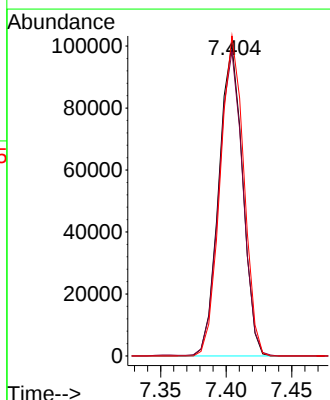
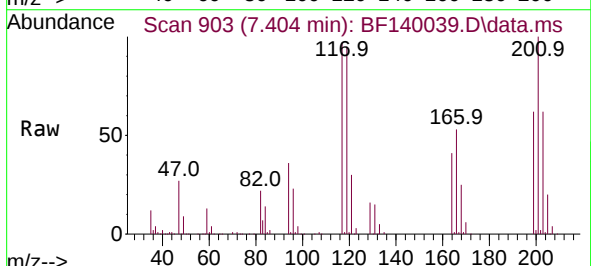
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Supervised By :mohammad
ahmed

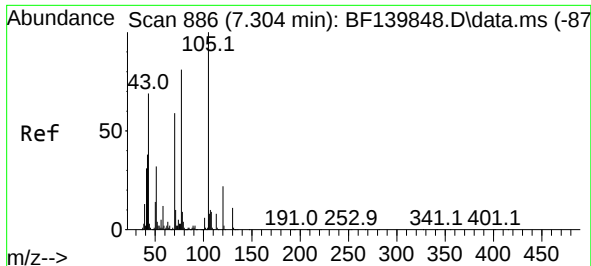
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#18
Hexachloroethane
Concen: 47.787 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

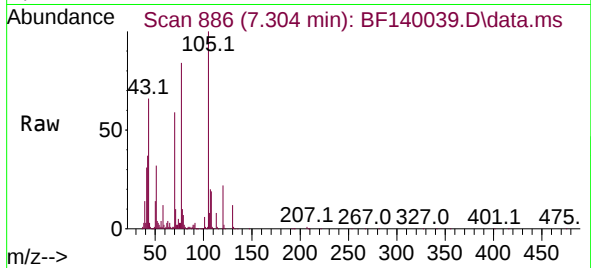
Tgt Ion:	117	Resp:	126307
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.4
201	102.6	76.2	114.4





#19
n-Nitroso-di-n-propylamine
Concen: 49.470 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



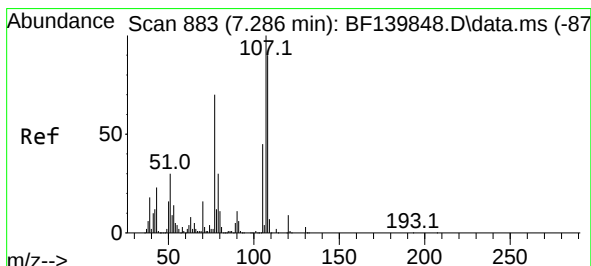
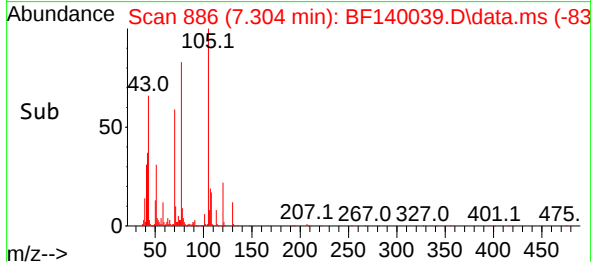
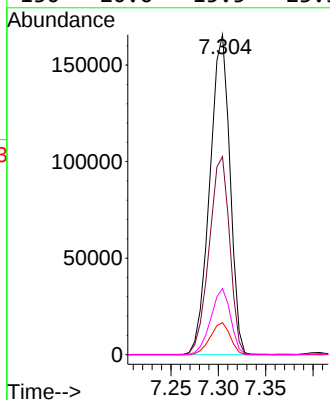
Tgt Ion: 70 Resp: 24566
Ion Ratio Lower Upper
70 100
42 61.9 51.5 77.3
101 10.0 7.5 11.3
130 20.6 15.5 23.3

Manual Integrations
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Patel

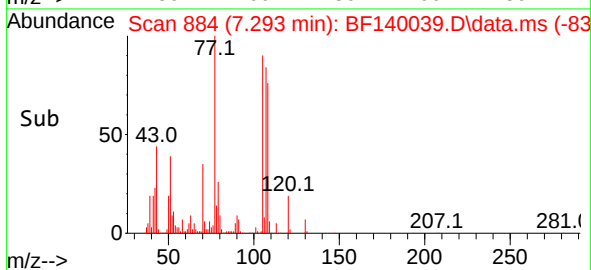
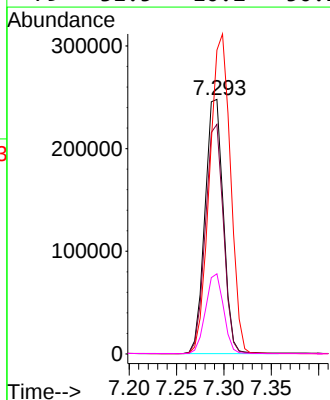
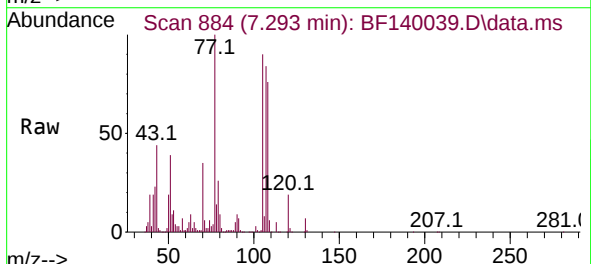
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Supervised By :mohammad
ahmed

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#20
3+4-Methylphenols
Concen: 47.371 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

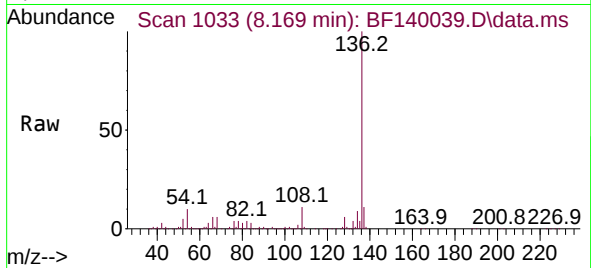
Tgt Ion:107 Resp: 333914
Ion Ratio Lower Upper
107 100
108 90.2 69.8 109.8
77 119.4 50.5 90.5#
79 31.5 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



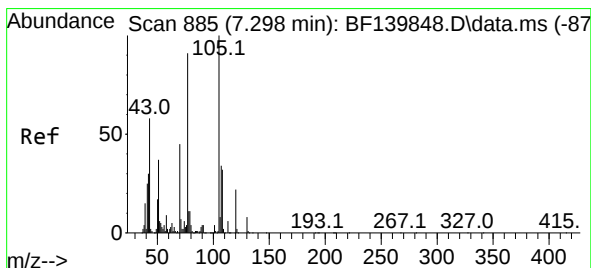
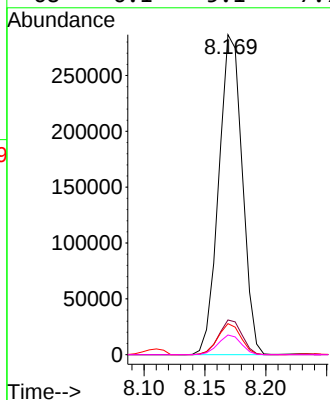
Tgt Ion:136 Resp: 385080
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.1 5.1 7.7

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Patel

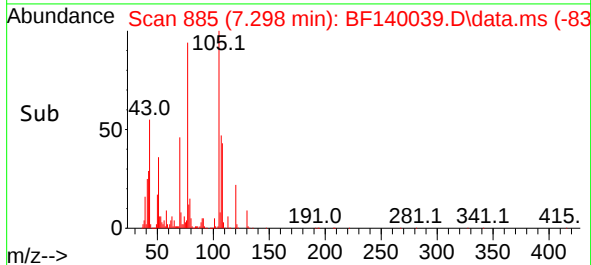
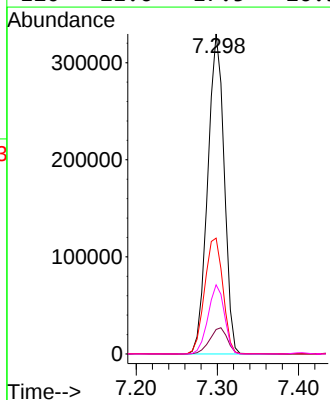
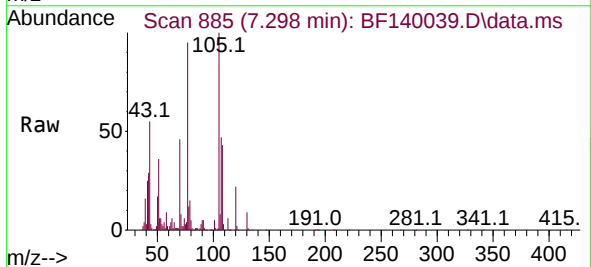
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Supervised By :mohammad
ahmed

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#22
Acetophenone
Concen: 49.198 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:105 Resp: 464025
Ion Ratio Lower Upper
105 100
71 7.6 5.9 8.9
51 36.2 29.4 44.2
120 21.6 17.5 26.3





#23

Nitrobenzene-d5

Concen: 104.741 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

Tgt Ion: 82 Resp: 72773

Ion Ratio Lower Upper

82 100

128 41.8 33.4 50.0

54 56.9 47.8 71.8

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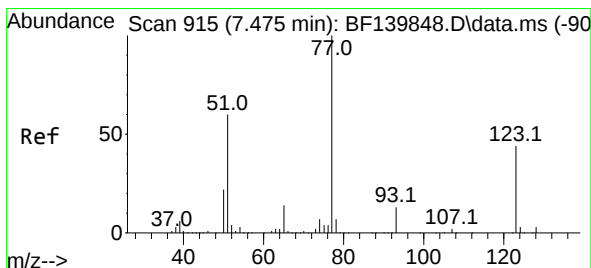
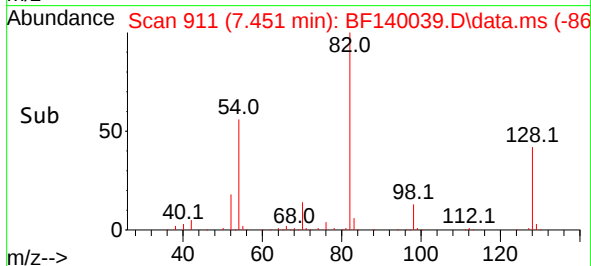
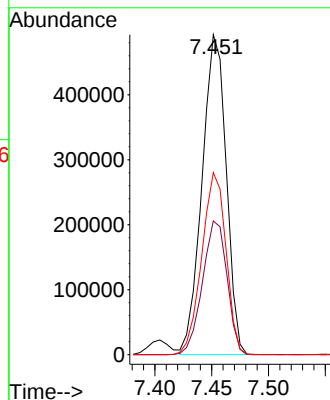
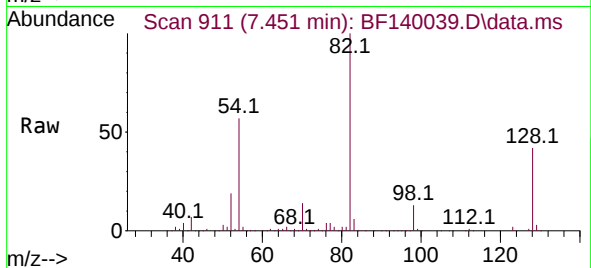
Reviewed By :Yogesh

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#24

Nitrobenzene

Concen: 48.512 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

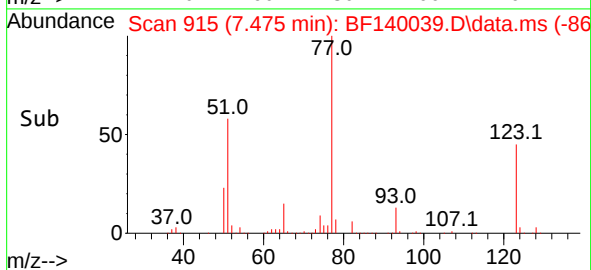
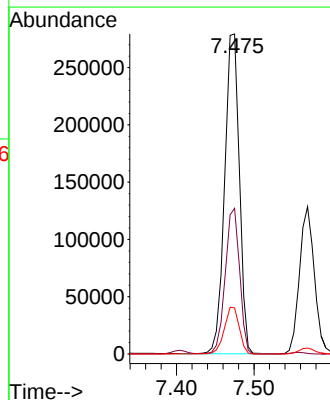
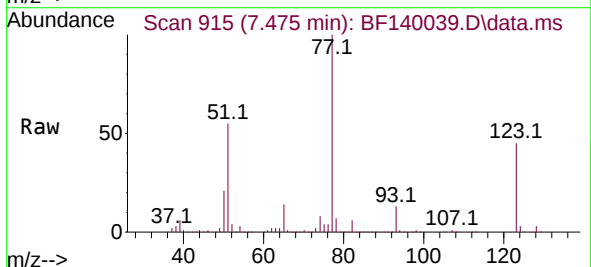
Tgt Ion: 77 Resp: 369551

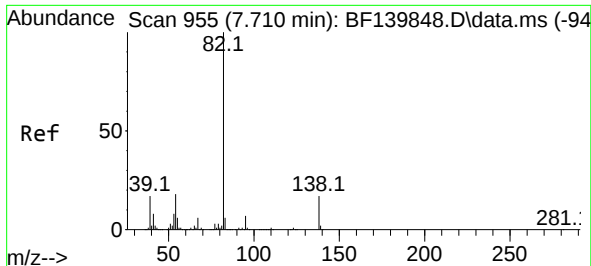
Ion Ratio Lower Upper

77 100

123 45.5 35.7 53.5

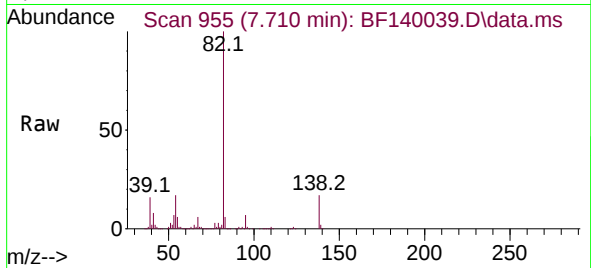
65 14.4 11.5 17.3





#25
Isophorone
Concen: 51.167 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



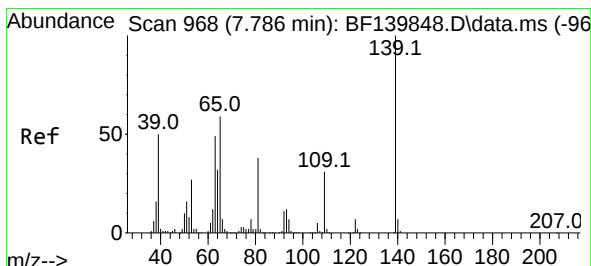
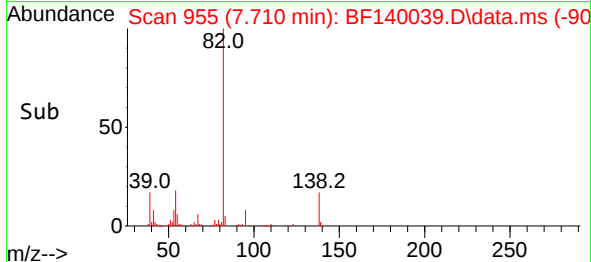
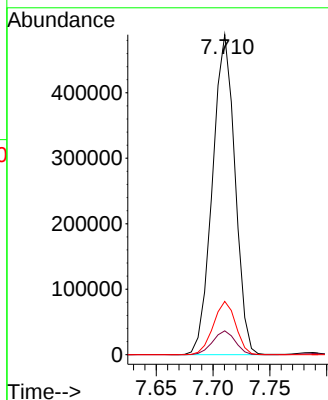
Tgt Ion: 82 Resp: 67475
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 16.7 13.2 19.8

Manual Integrations
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Patel

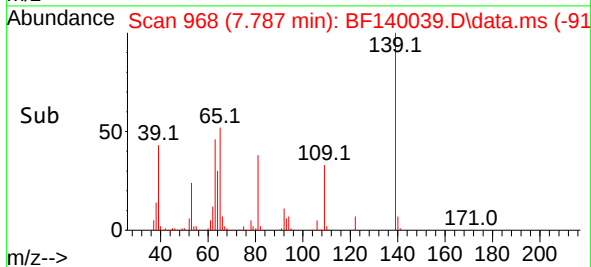
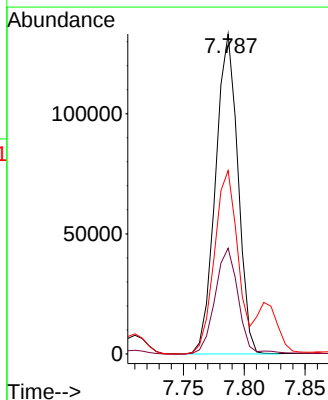
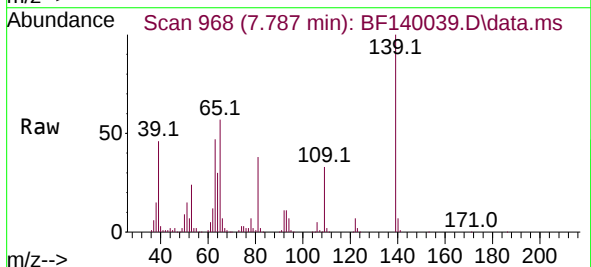
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ahmed

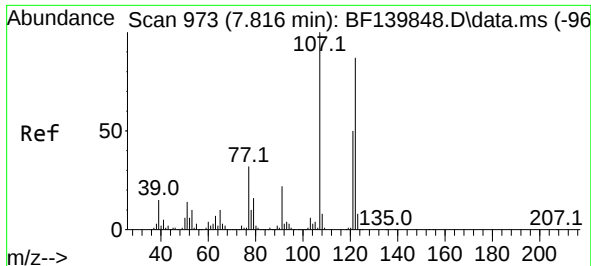
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#26
2-Nitrophenol
Concen: 59.410 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

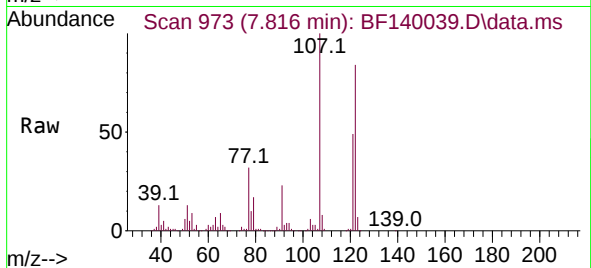
Tgt Ion:139 Resp: 170732
Ion Ratio Lower Upper
139 100
109 33.0 25.1 37.7
65 57.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 58.358 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



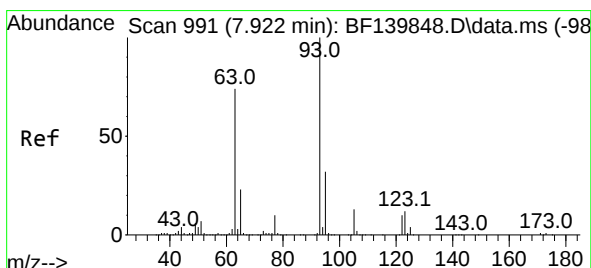
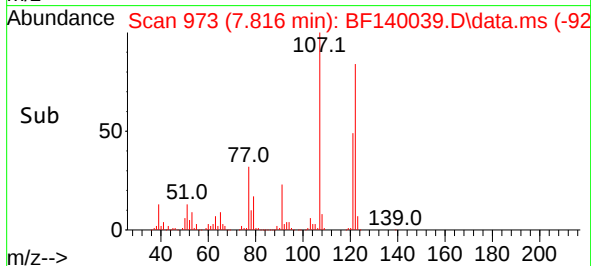
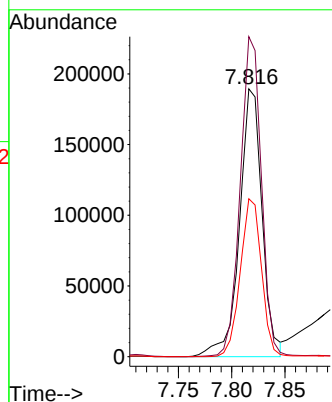
Tgt Ion:122 Resp: 279640
Ion Ratio Lower Upper
122 100
107 119.5 91.9 137.9
121 58.9 46.2 69.4

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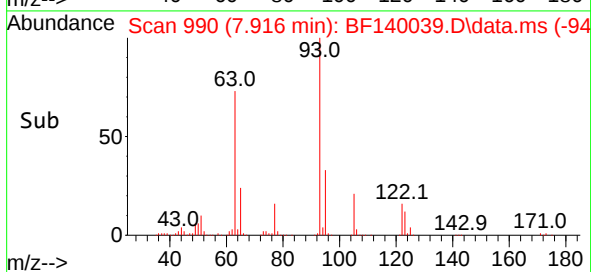
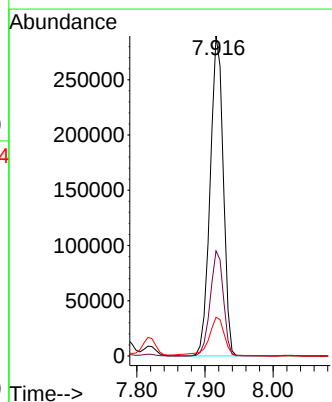
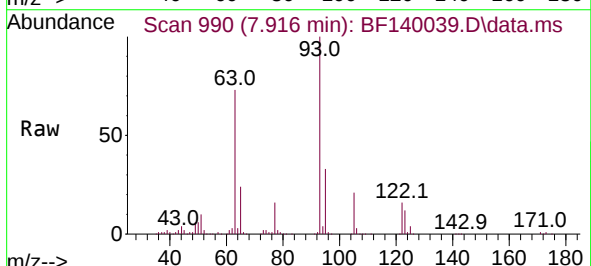
10/25/2024
Supervised By :mohammad
ahmed

10/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.513 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion: 93 Resp: 387604
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 51.657 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

Tgt Ion:162	Resp: 281949
Ion Ratio	Lower Upper
162 100	
164 63.1	43.9 83.9
98 39.8	19.9 59.9

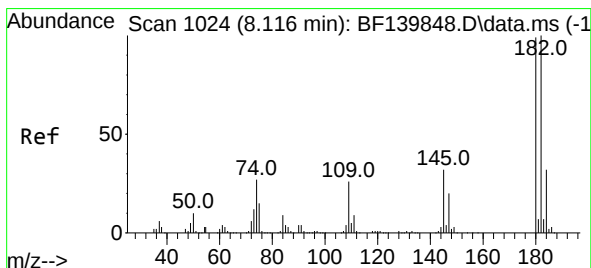
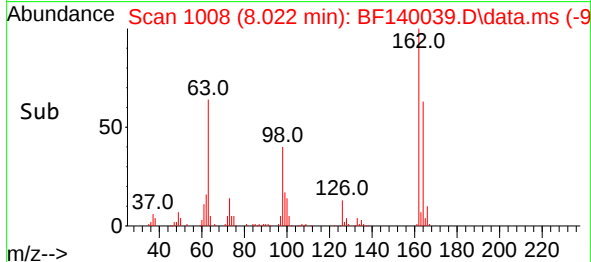
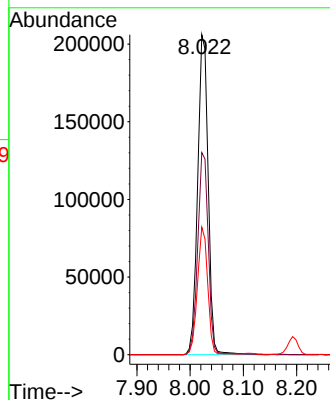
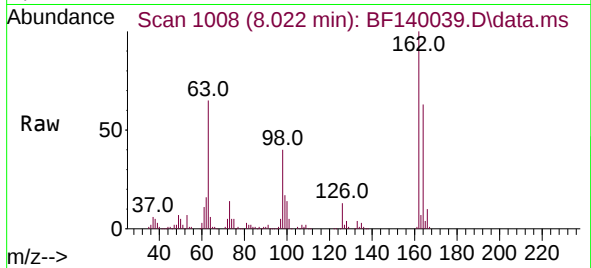
Manual Integrations
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Reviewed By :Yogesh
Patel

10/25/2024

Supervised By :mohammad
ahmed

10/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.743 ng

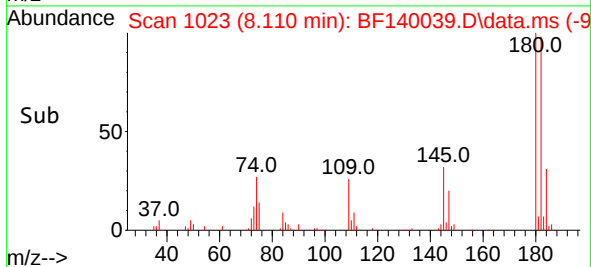
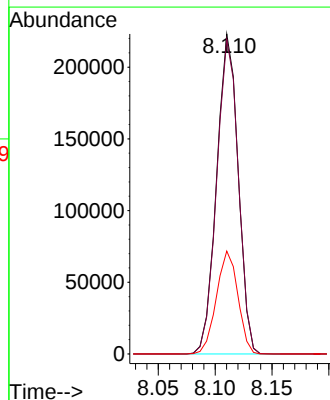
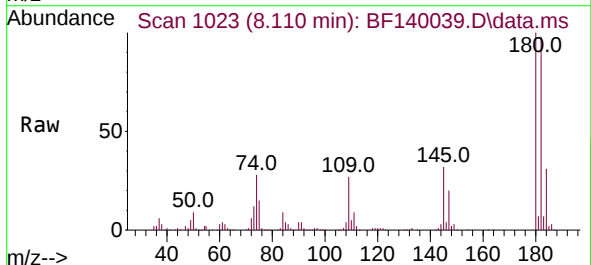
RT: 8.110 min Scan# 1023

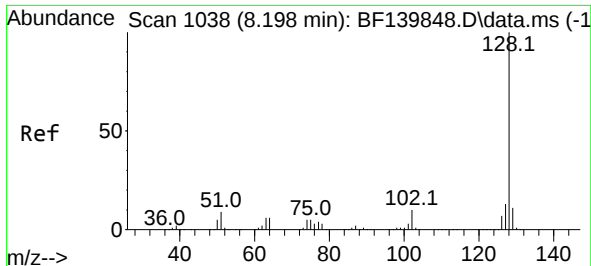
Delta R.T. -0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Tgt Ion:180	Resp: 294385
Ion Ratio	Lower Upper
180 100	
182 98.4	80.5 120.7
145 32.2	25.4 38.0





#31
Naphthalene
Concen: 48.864 ng
RT: 8.193 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

Tgt Ion:128 Resp: 97045
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0

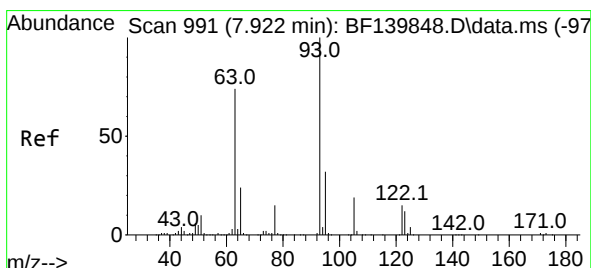
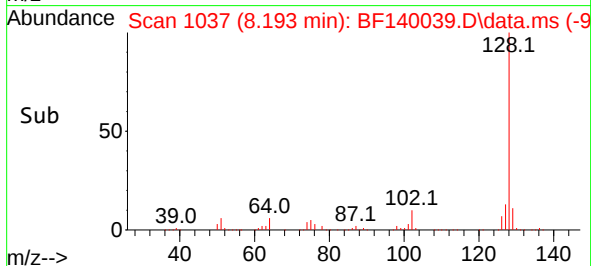
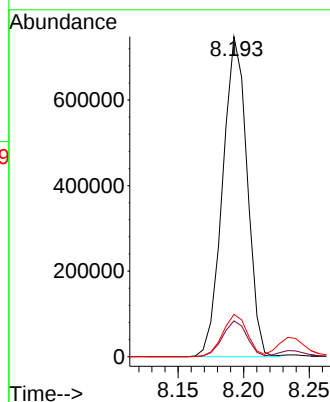
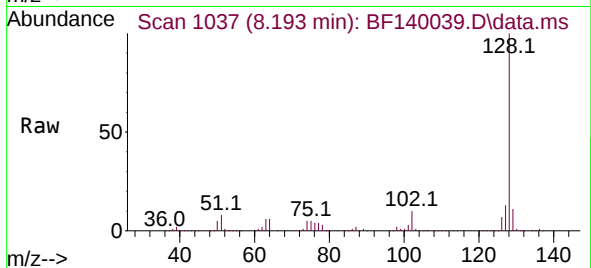
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Patel

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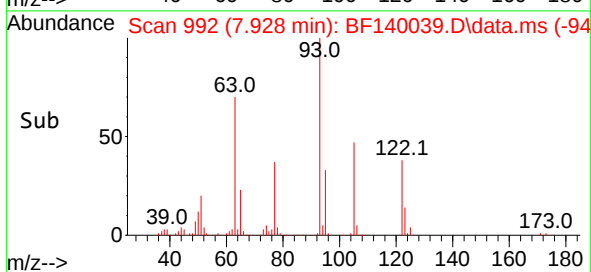
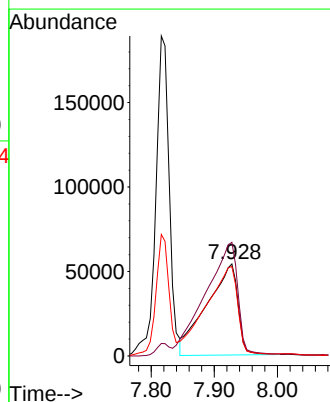
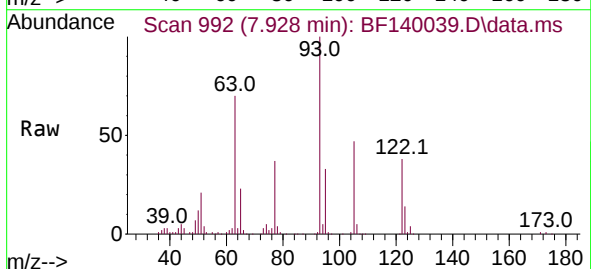
Supervised By :mohammad
ahmed

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#32
Benzoic acid
Concen: 44.237 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

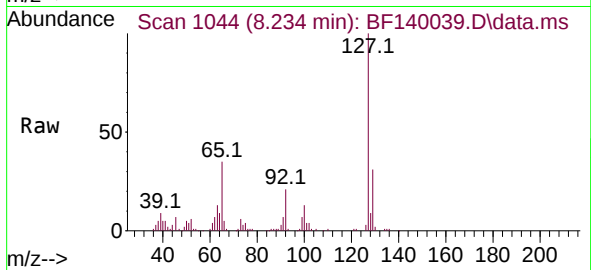
Tgt Ion:122 Resp: 184889
Ion Ratio Lower Upper
122 100
105 123.5 107.6 147.6
77 97.3 80.2 120.2





#33
4-Chloroaniline
Concen: 10.372 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



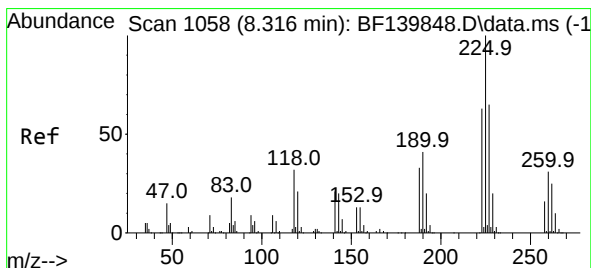
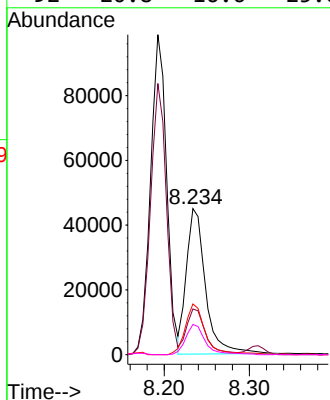
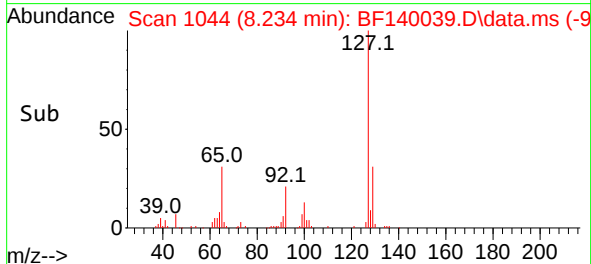
Tgt Ion:127 Resp: 7024
Ion Ratio Lower Upper
127 100
129 31.3 25.4 38.2
65 34.7 28.4 42.6
92 20.8 16.6 25.0

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Reviewed By :Yogesh
Patel

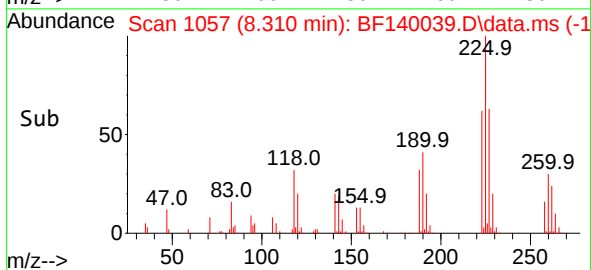
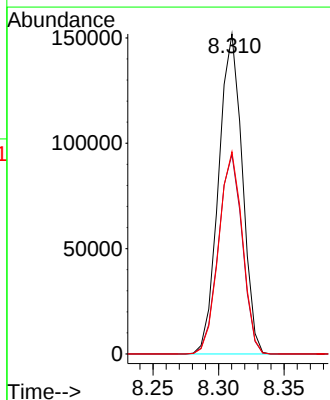
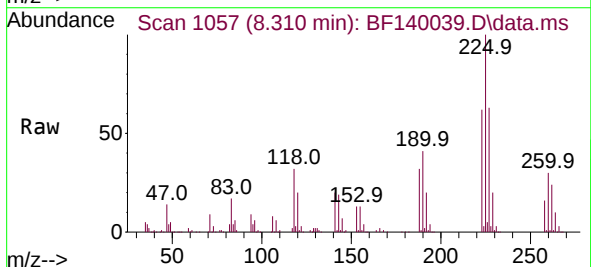
10/25/2024
Supervised By :mohammad
ahmed

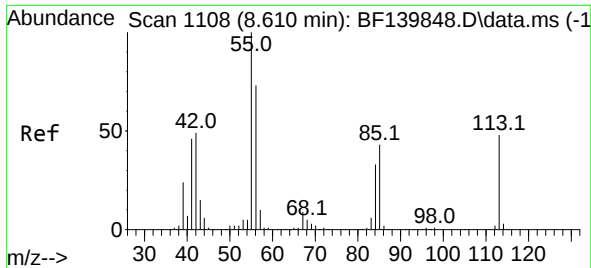
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#34
Hexachlorobutadiene
Concen: 50.184 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

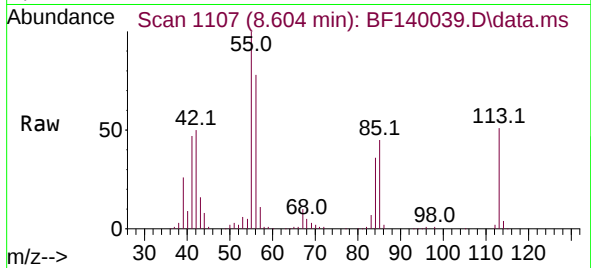
Tgt Ion:225 Resp: 190431
Ion Ratio Lower Upper
225 100
223 62.3 50.6 76.0
227 63.2 51.8 77.8





#35
 Caprolactam
 Concen: 48.083 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF140039.D
 Acq: 25 Oct 2024 16:01

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5MS



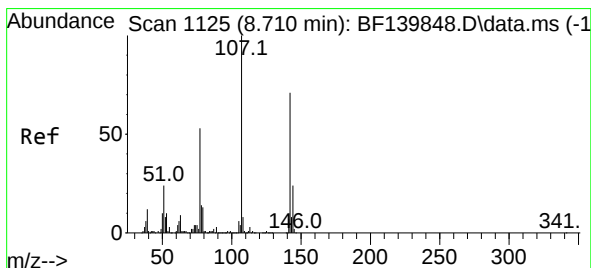
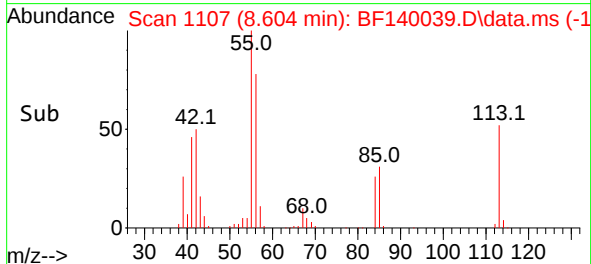
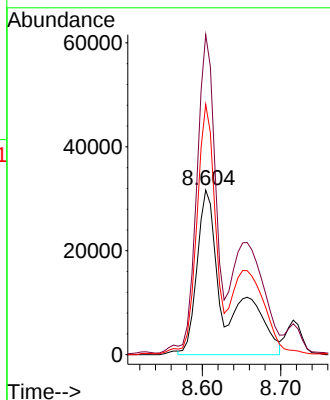
Tgt Ion:113 Resp: 83448
 Ion Ratio Lower Upper
 113 100
 55 194.4 189.2 229.2
 56 152.0 132.5 172.5

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Reviewed By :Yogesh
 Patel

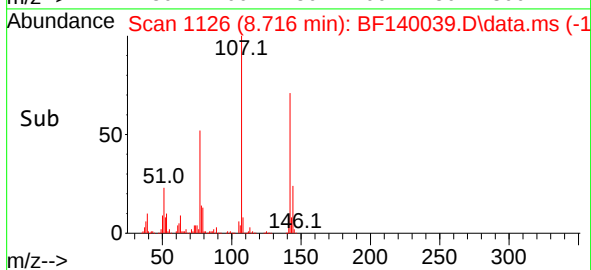
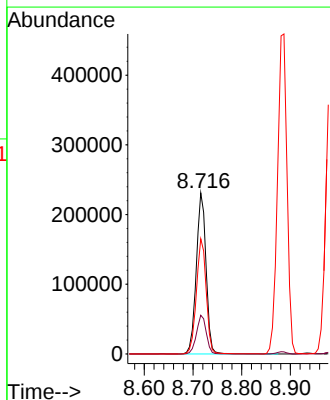
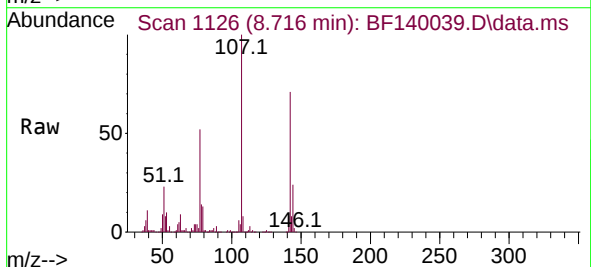
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 Supervised By :mohammad
 ahmed

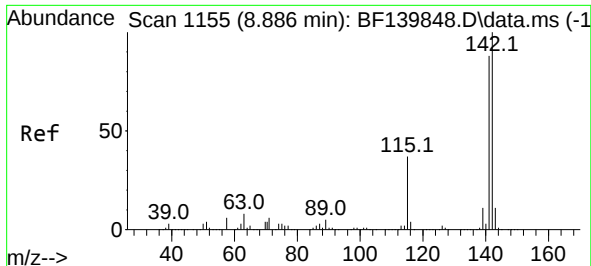
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#36
 4-Chloro-3-methylphenol
 Concen: 53.624 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140039.D
 Acq: 25 Oct 2024 16:01

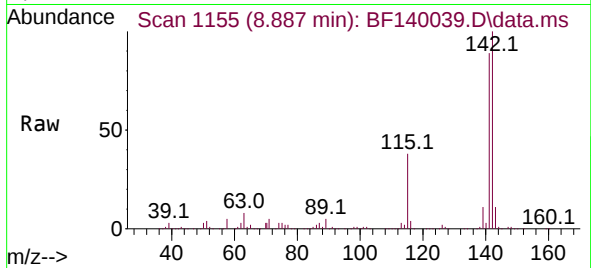
Tgt Ion:107 Resp: 324091
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.1 28.7
 142 71.4 57.2 85.8





#37
2-Methylnaphthalene
Concen: 51.636 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



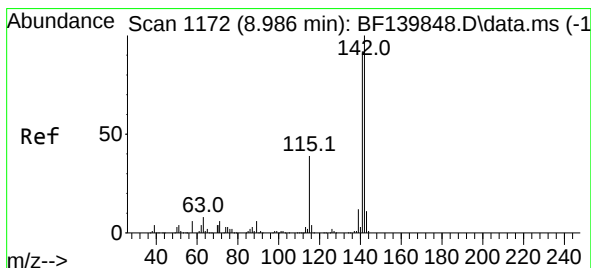
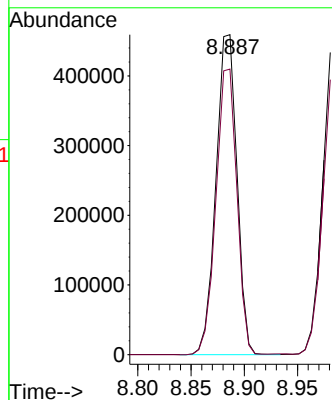
Tgt Ion:142 Resp: 62805
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2

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Reviewed By :Yogesh
Patel

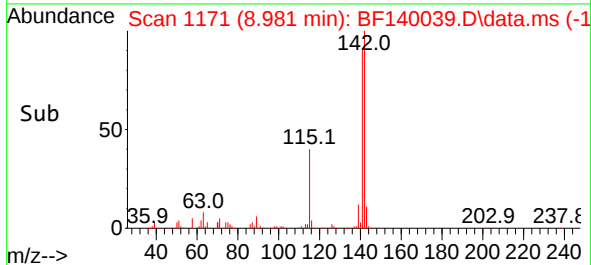
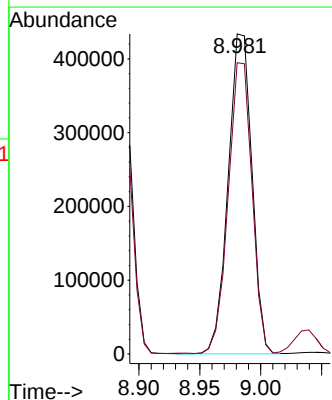
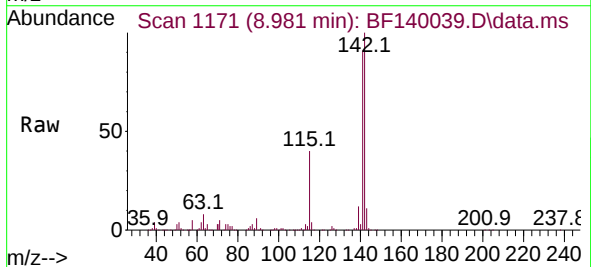
10/25/2024
Supervised By :mohammad
ahmed

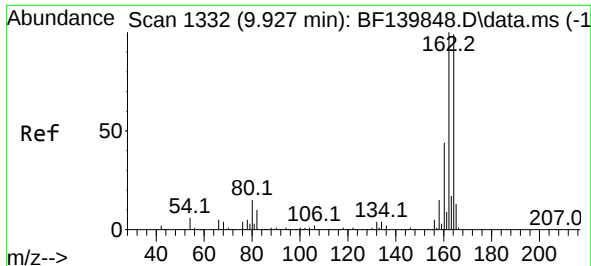
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#38
1-Methylnaphthalene
Concen: 49.360 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

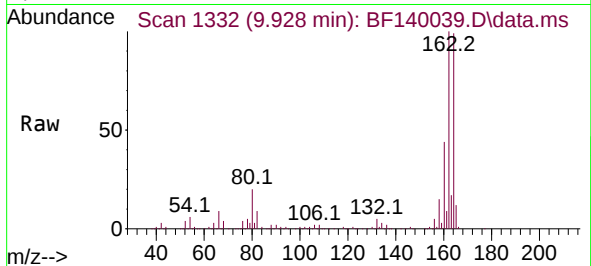
Tgt Ion:142 Resp: 589032
Ion Ratio Lower Upper
142 100
141 91.0 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1132
Delta R.T. 0.001 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



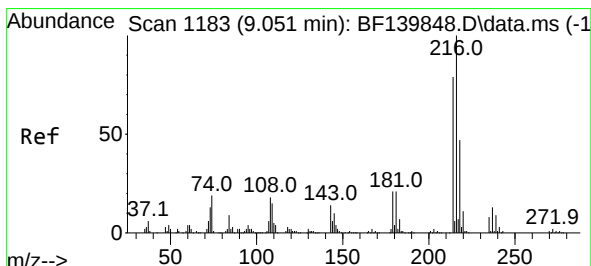
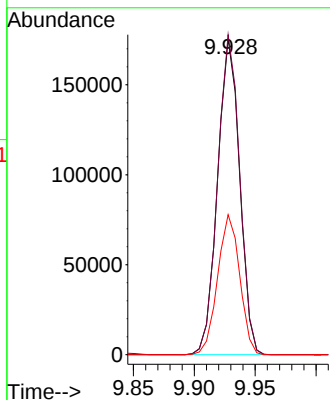
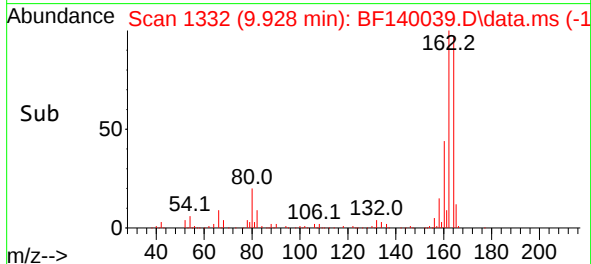
Tgt Ion:164 Resp: 22126
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.3 35.4 53.0

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Reviewed By :Yogesh
Patel

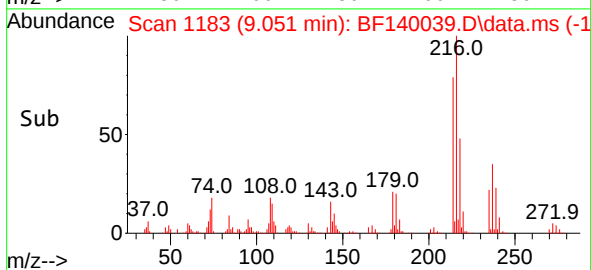
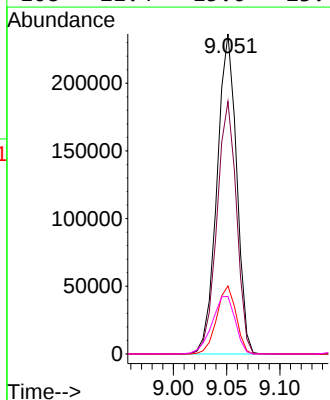
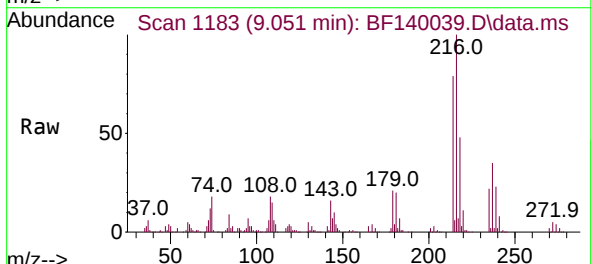
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Supervised By :mohammad
ahmed

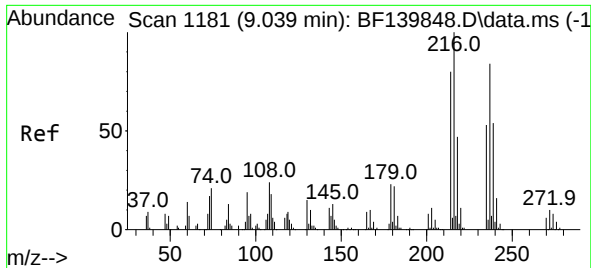
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.611 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

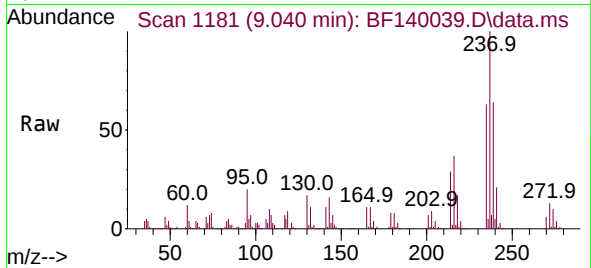
Tgt Ion:216 Resp: 302113
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 20.9 17.2 25.8
108 21.4 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 183.040 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



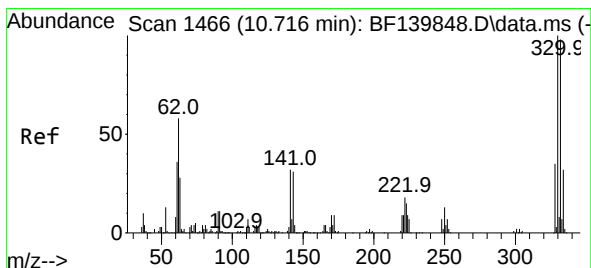
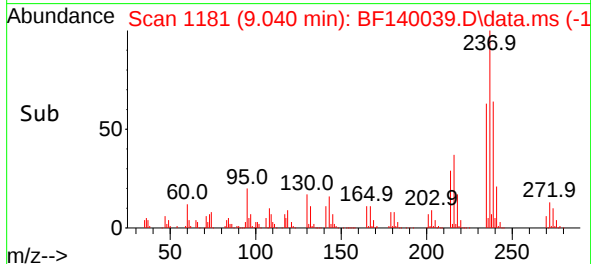
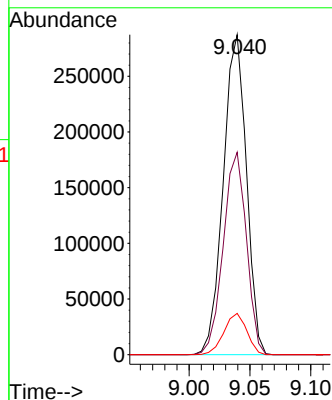
Tgt Ion:237 Resp: 38018
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.9 0.0 32.3

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Patel

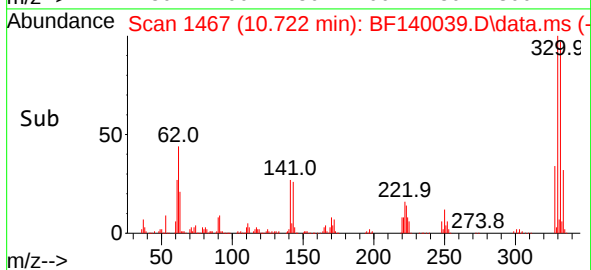
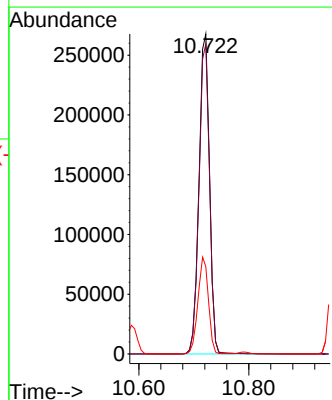
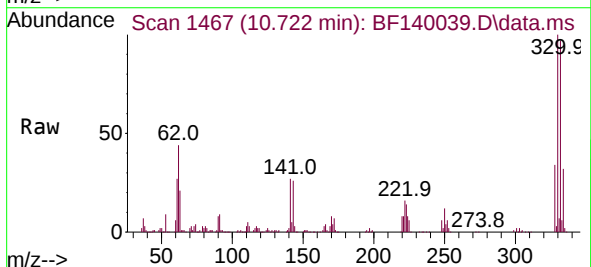
10/25/2024
Supervised By :mohammad
ahmed

10/28/2024



#42
2,4,6-Tribromophenol
Concen: 172.566 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:330 Resp: 357148
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 30.2 26.6 39.8





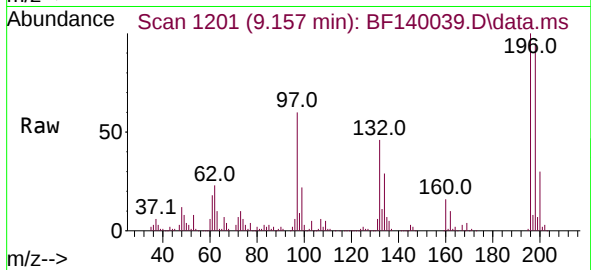
#43
2,4,6-Trichlorophenol
Concen: 53.557 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS



Tgt Ion:196 Resp: 226349
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.0 24.0 36.0

Manual Integrations

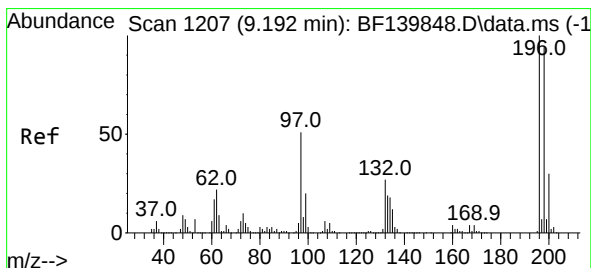
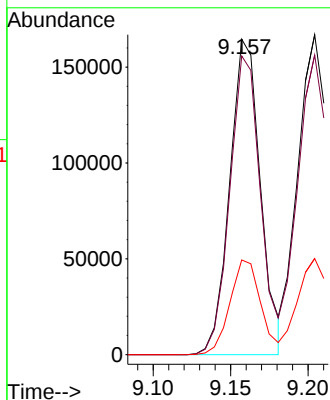
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Reviewed By :Yogesh
Patel

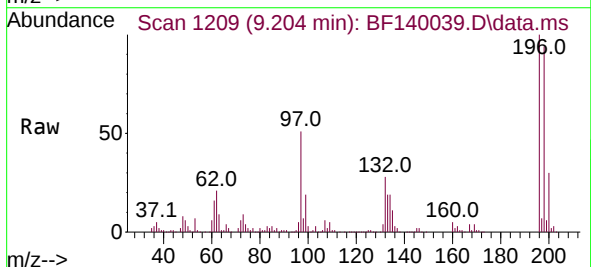
10/25/2024

Supervised By :mohammad
ahmed

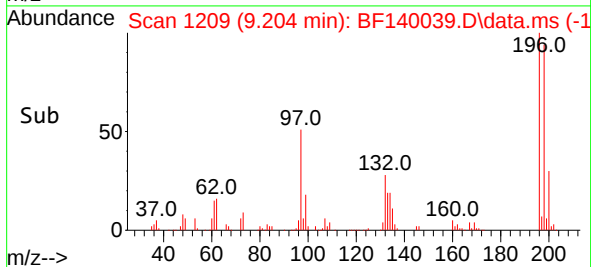
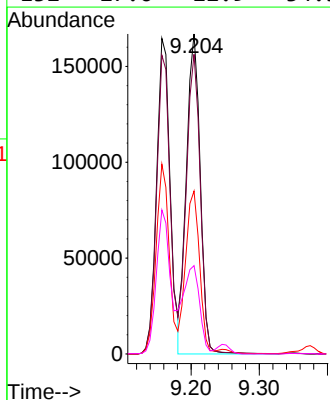
10/28/2024

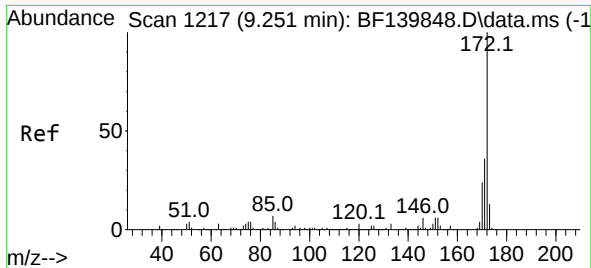


#44
2,4,5-Trichlorophenol
Concen: 53.838 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01



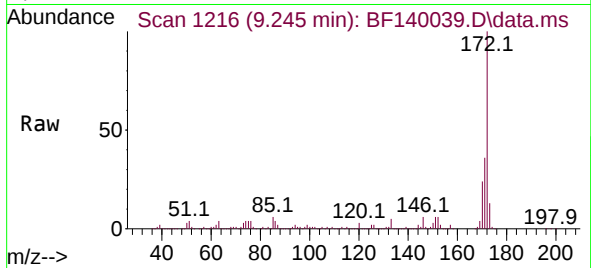
Tgt Ion:196 Resp: 234749
Ion Ratio Lower Upper
196 100
198 93.7 75.8 113.6
97 50.9 41.8 62.6
132 27.6 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 99.144 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



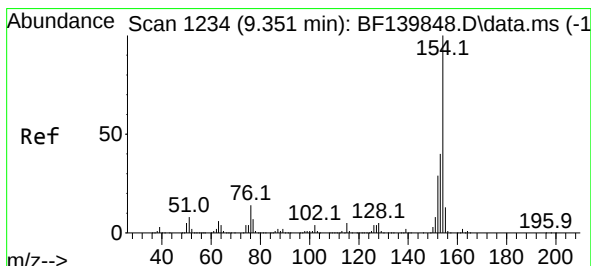
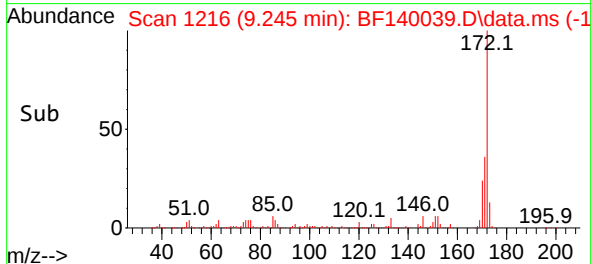
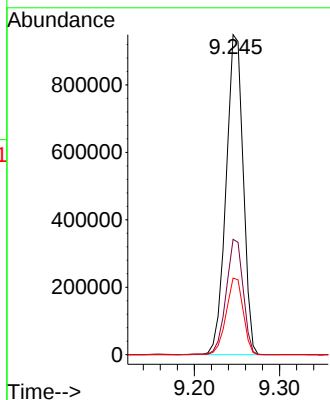
Tgt Ion:172 Resp: 1327340
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.1 28.7

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Reviewed By :Yogesh
Patel

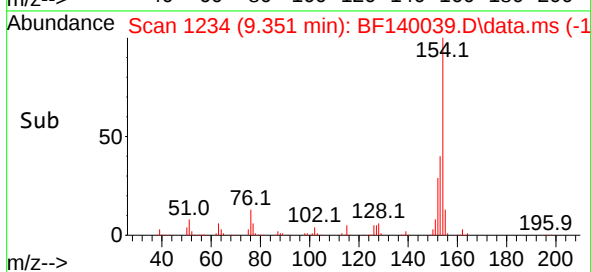
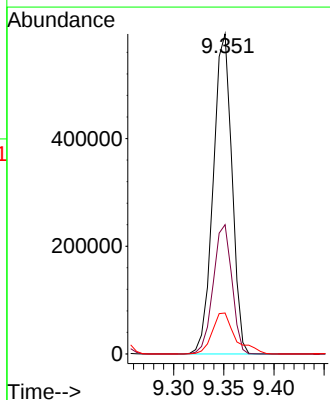
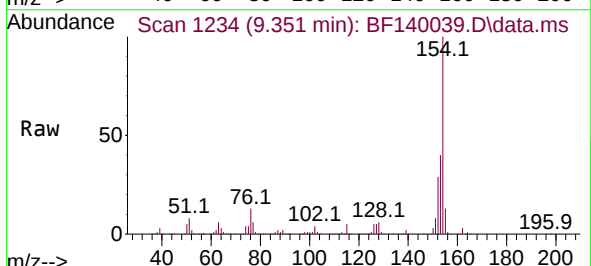
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Supervised By :mohammad
ahmed

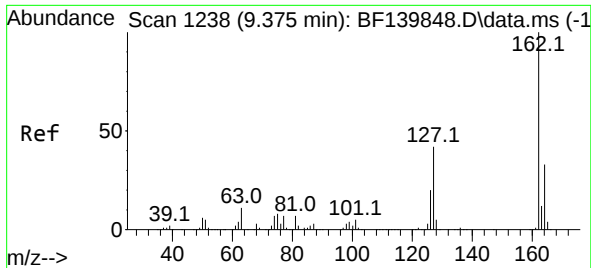
10/28/2024



#46
1,1'-Biphenyl
Concen: 49.962 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:154 Resp: 769578
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.8 0.0 33.9





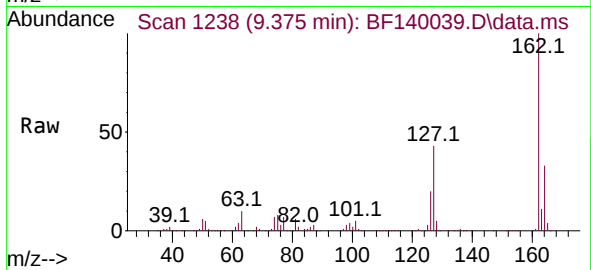
#47
2-Chloronaphthalene
Concen: 49.438 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS



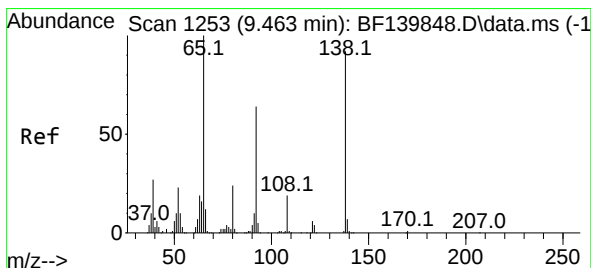
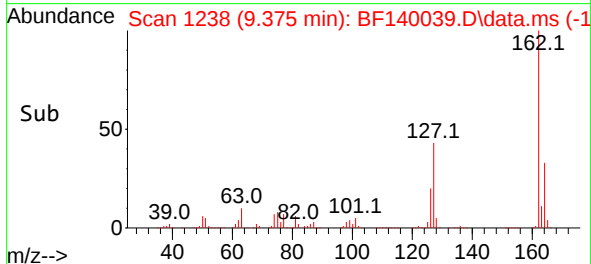
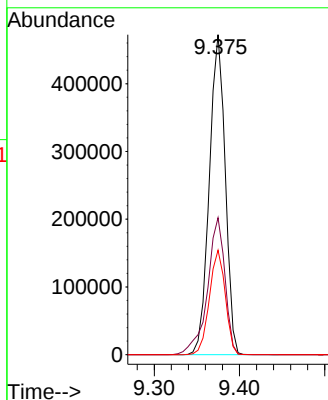
Tgt Ion:162 Resp: 613320
Ion Ratio Lower Upper
162 100
127 42.8 33.8 50.6
164 32.7 26.6 39.8

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Reviewed By :Yogesh
Patel

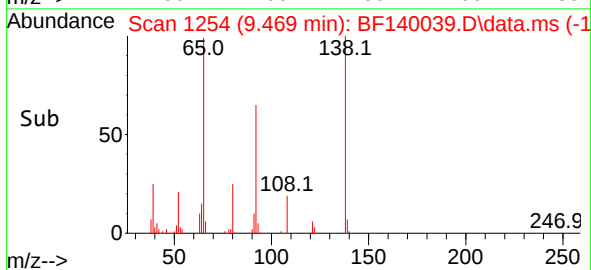
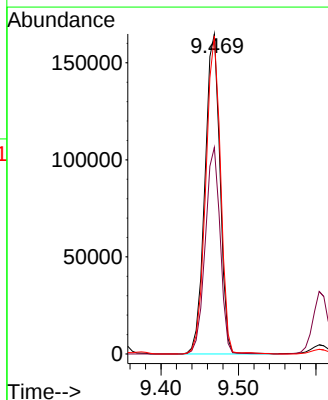
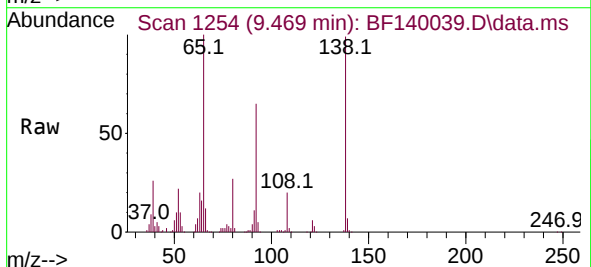
10/25/2024
Supervised By :mohammad
ahmed

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#48
2-Nitroaniline
Concen: 58.475 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

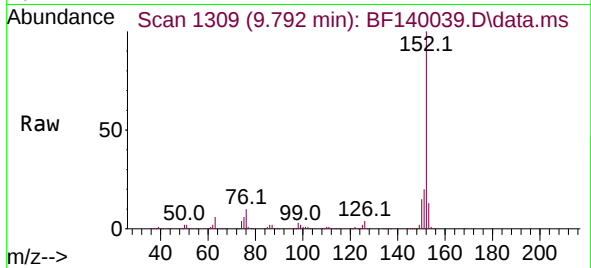
Tgt Ion: 65 Resp: 221868
Ion Ratio Lower Upper
65 100
92 64.6 50.9 76.3
138 99.4 73.4 110.0





#49
Acenaphthylene
Concen: 54.430 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



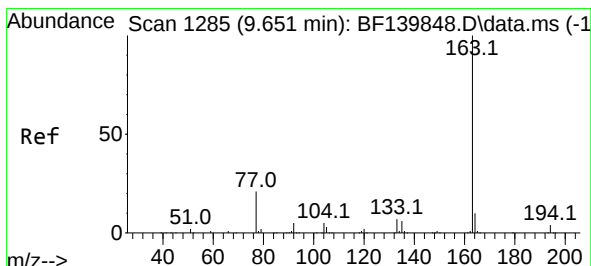
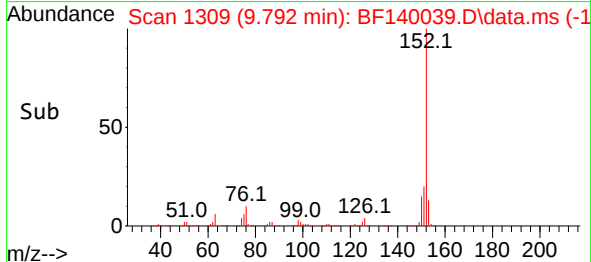
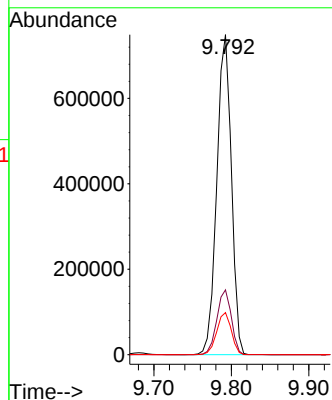
Tgt Ion:152 Resp: 97621
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.7 16.1

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Reviewed By :Yogesh
Patel

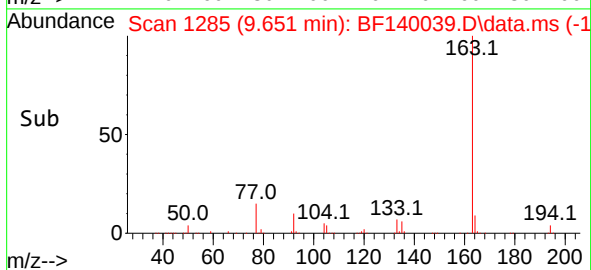
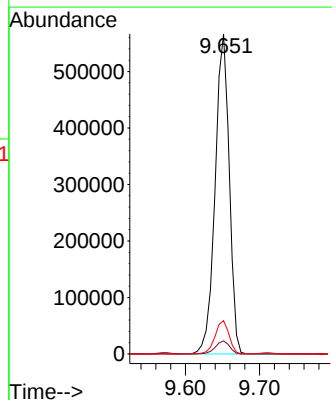
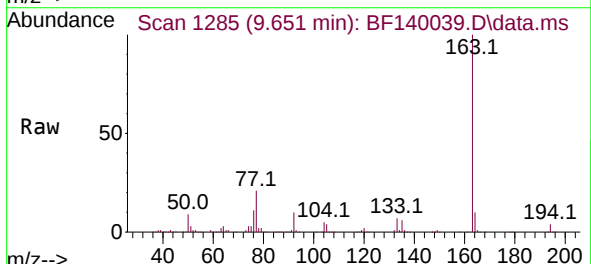
10/25/2024
Supervised By :mohammad
ahmed

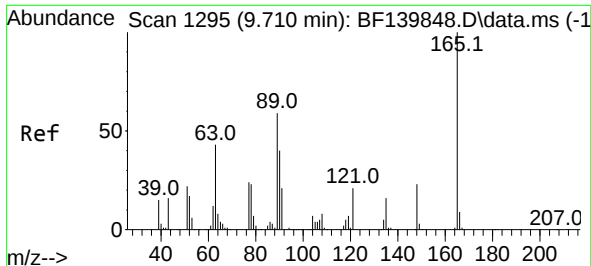
10/28/2024



#50
Dimethylphthalate
Concen: 54.365 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

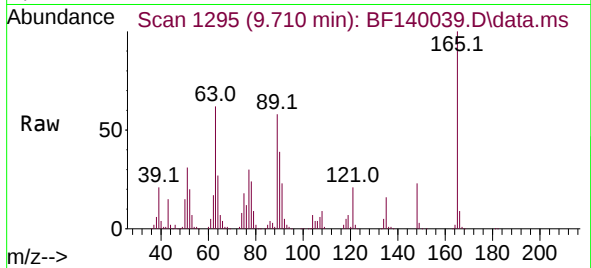
Tgt Ion:163 Resp: 749255
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 55.628 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



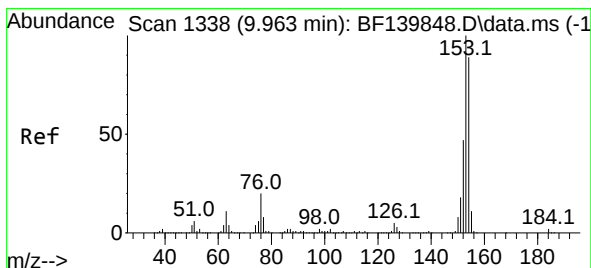
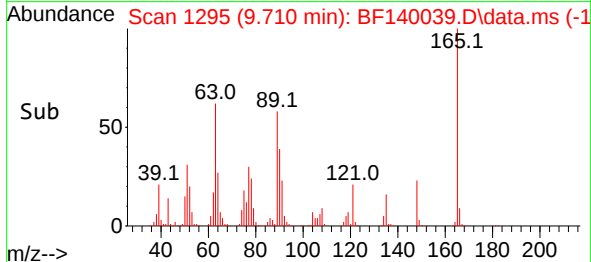
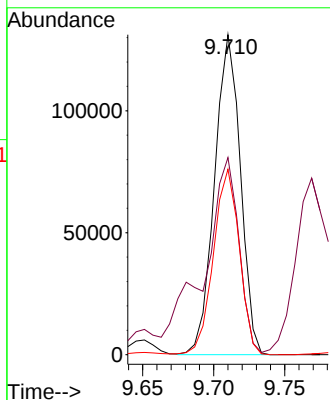
Tgt Ion:165 Resp: 165998
Ion Ratio Lower Upper
165 100
63 61.6 50.6 75.8
89 58.0 47.5 71.3

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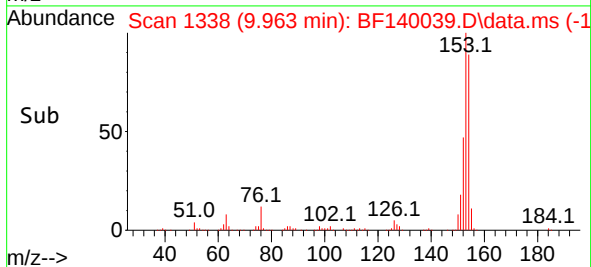
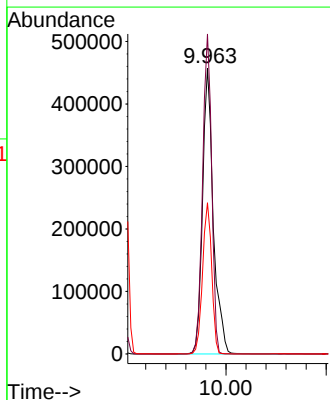
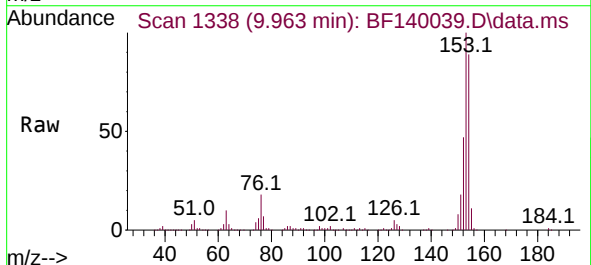
10/25/2024
Supervised By :mohammad
ahmed

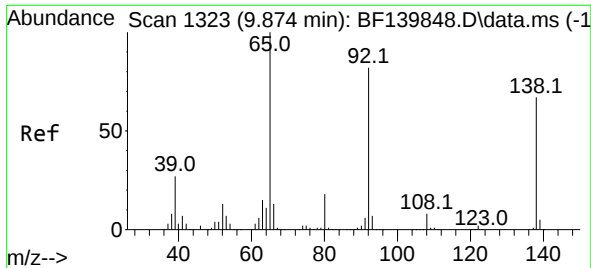
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#52
Acenaphthene
Concen: 58.984 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:154 Resp: 684346
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 52.9 42.4 63.6





#53
3-Nitroaniline
Concen: 26.111 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS

Tgt Ion:138 Resp: 80352
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 121.5 98.3 147.5

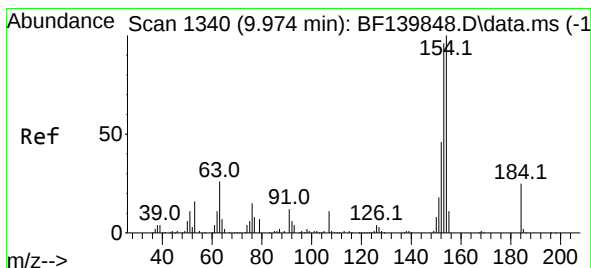
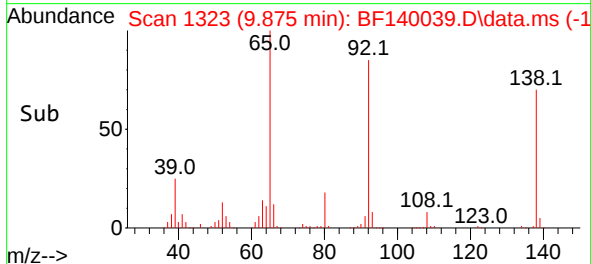
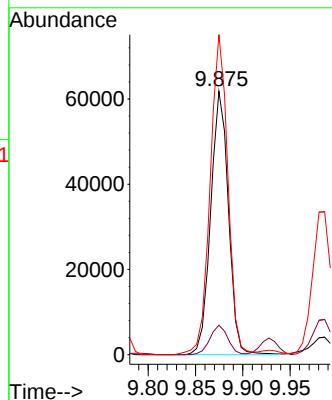
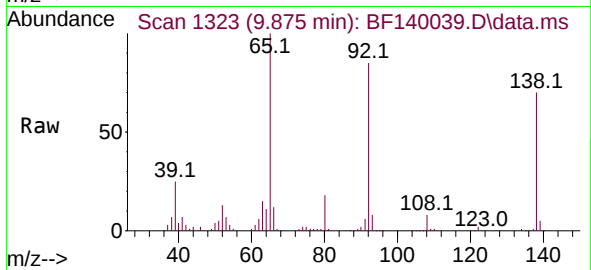
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Patel

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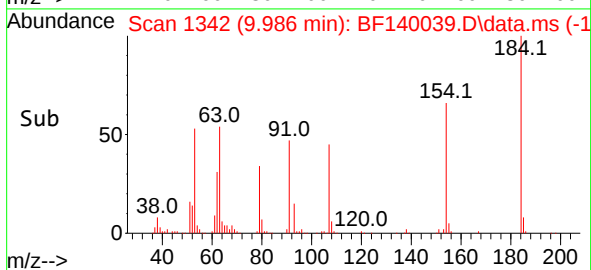
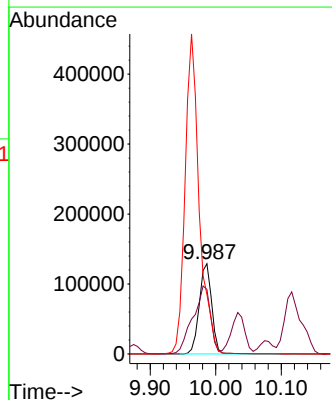
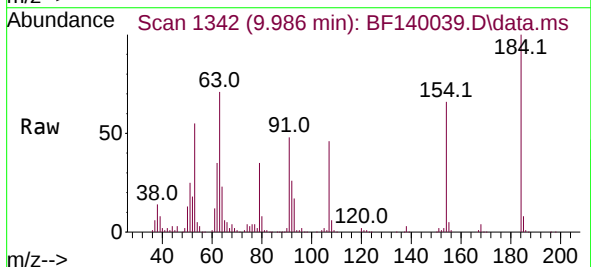
Supervised By :mohammad
ahmed

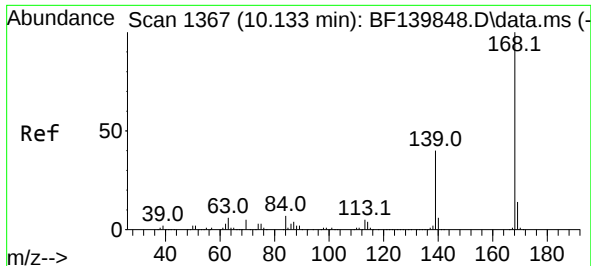
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#54
2,4-Dinitrophenol
Concen: 133.260 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

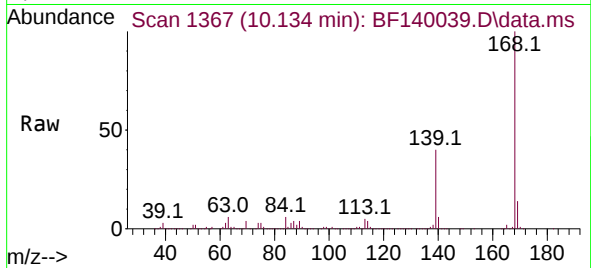
Tgt Ion:184 Resp: 171086
Ion Ratio Lower Upper
184 100
63 71.4 84.7 127.1#
154 66.0 338.2 507.2#





#55
Dibenzofuran
Concen: 52.528 ng
RT: 10.134 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



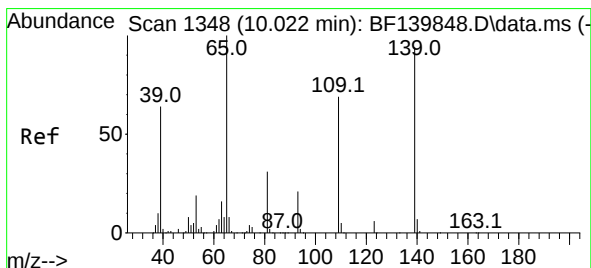
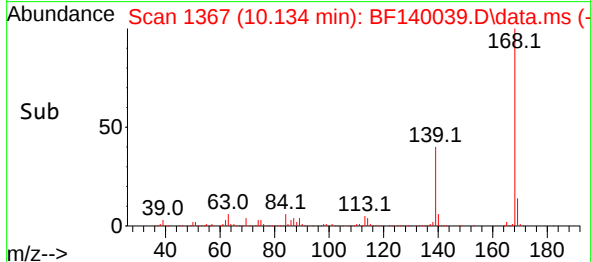
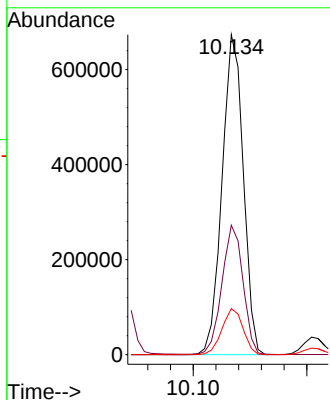
Tgt Ion:168 Resp: 874410
Ion Ratio Lower Upper
168 100
139 40.5 31.8 47.6
169 14.4 11.6 17.4

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Patel

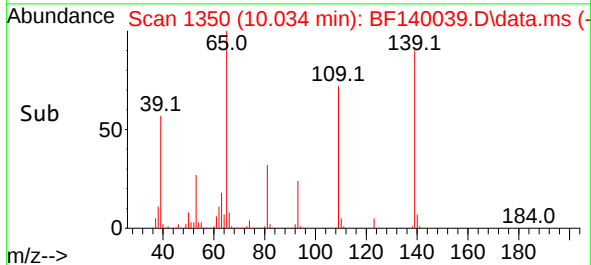
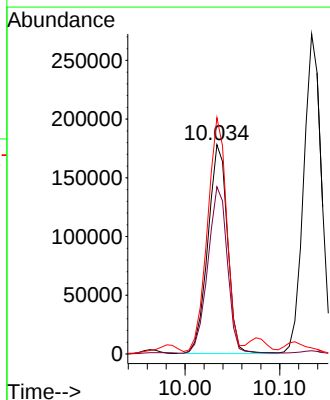
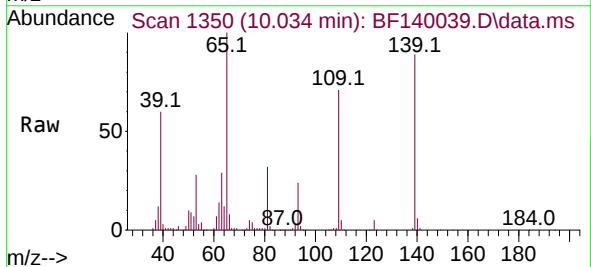
10/25/2024
Supervised By :mohammad
ahmed

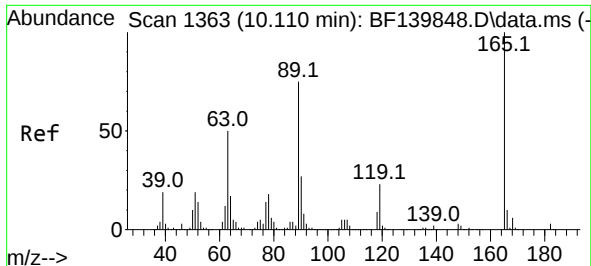
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#56
4-Nitrophenol
Concen: 108.401 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

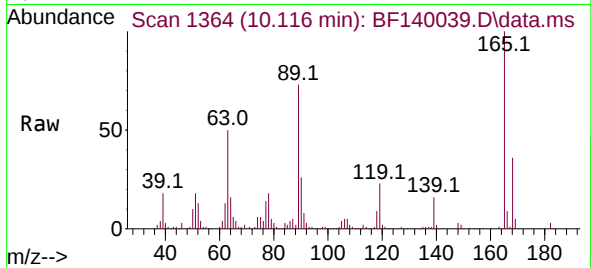
Tgt Ion:139 Resp: 256645
Ion Ratio Lower Upper
139 100
109 80.0 53.6 93.6
65 112.9 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 62.467 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



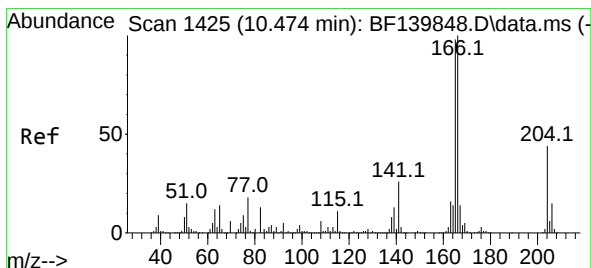
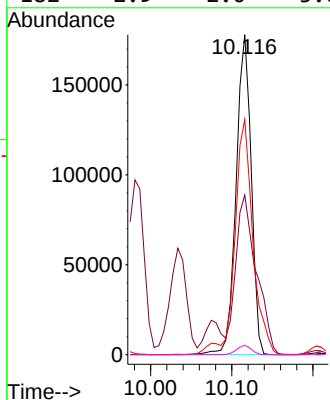
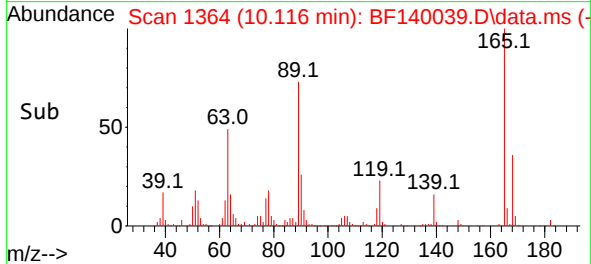
Tgt Ion:165 Resp: 22923
Ion Ratio Lower Upper
165 100
63 49.9 40.1 60.1
89 73.5 60.4 90.6
182 2.9 2.0 3.0

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Patel

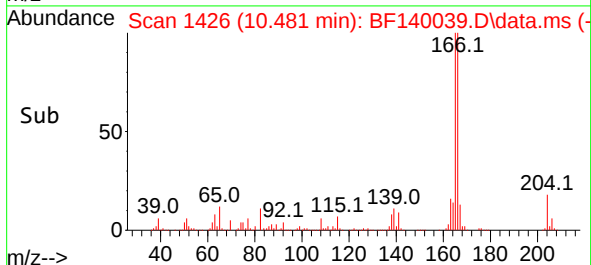
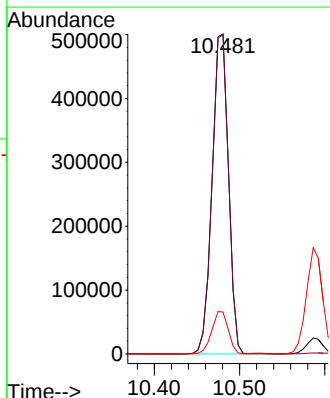
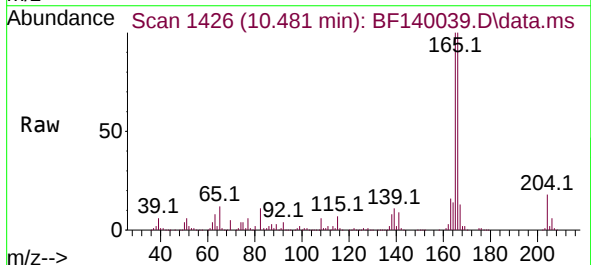
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Supervised By :mohammad
ahmed

10/28/2024



#58
Fluorene
Concen: 52.746 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

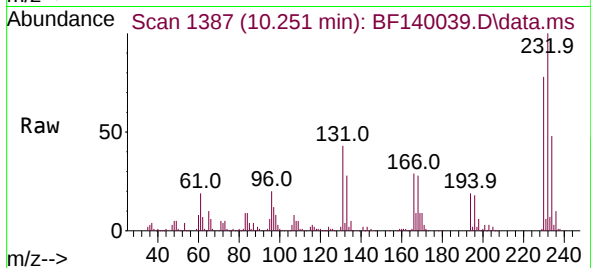
Tgt Ion:166 Resp: 668760
Ion Ratio Lower Upper
166 100
165 99.8 78.5 117.7
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.758 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



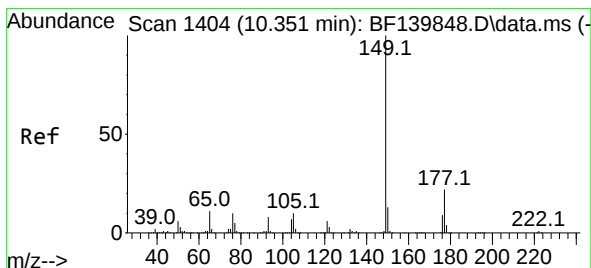
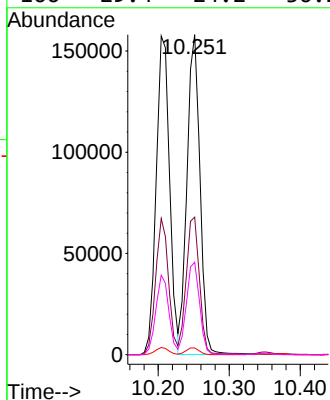
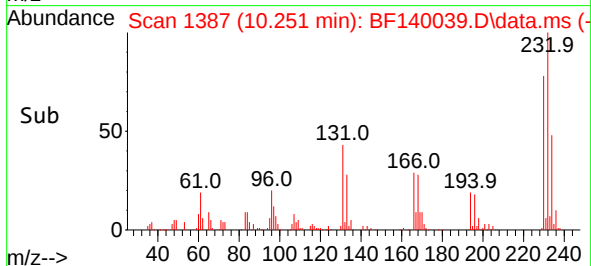
Tgt Ion:232 Resp: 200845
Ion Ratio Lower Upper
232 100
131 44.1 37.0 55.6
130 2.2 1.9 2.9
166 29.4 24.2 36.2

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Patel

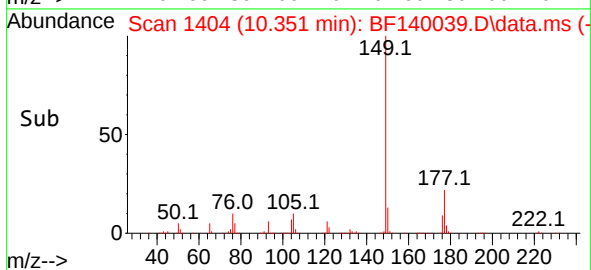
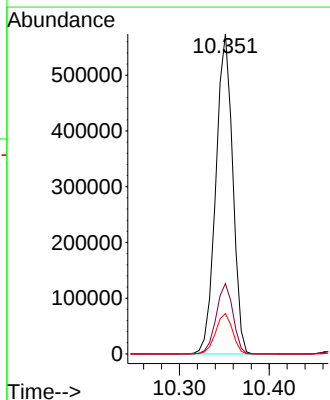
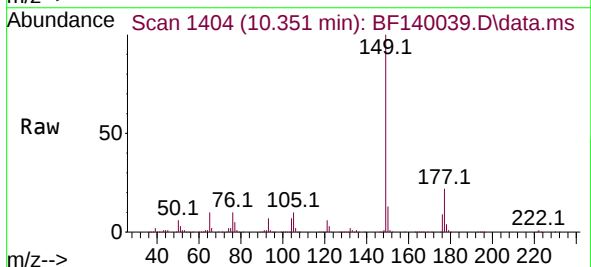
10/25/2024
Supervised By :mohammad
ahmed

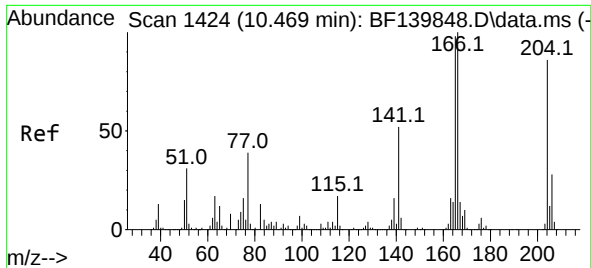
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#60
Diethylphthalate
Concen: 55.261 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

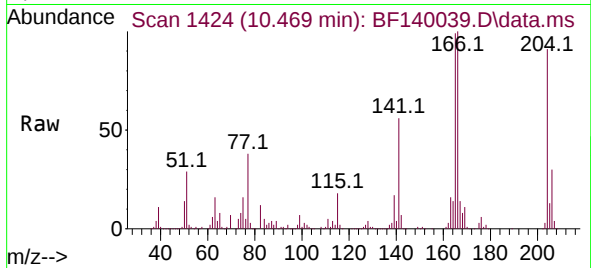
Tgt Ion:149 Resp: 747785
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 53.542 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



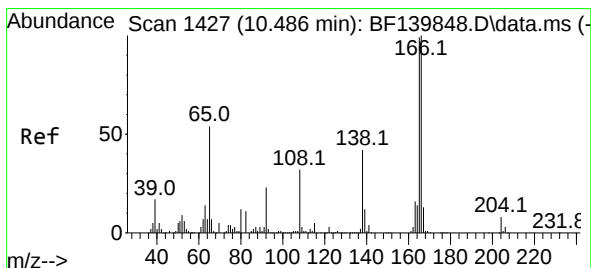
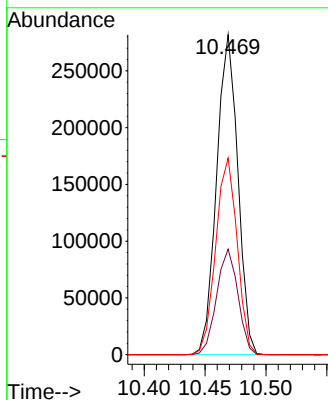
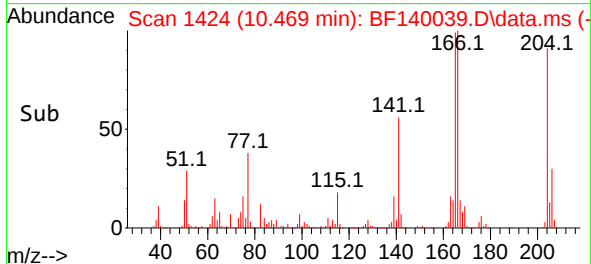
Tgt Ion:204 Resp: 342824
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 61.4 48.6 73.0

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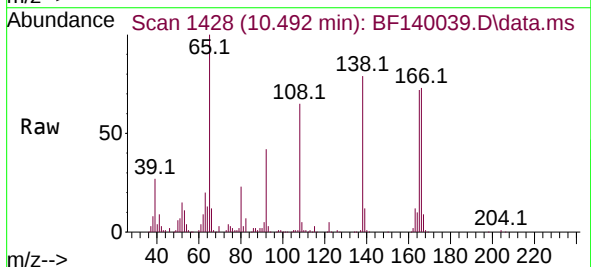
Reviewed By :Yogesh
Patel

10/25/2024
Supervised By :mohammad
ahmed

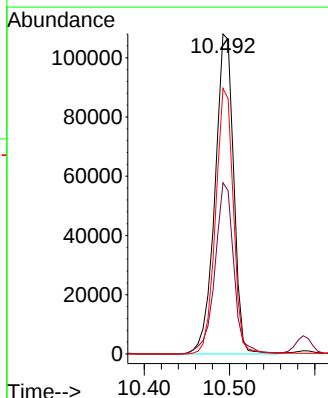
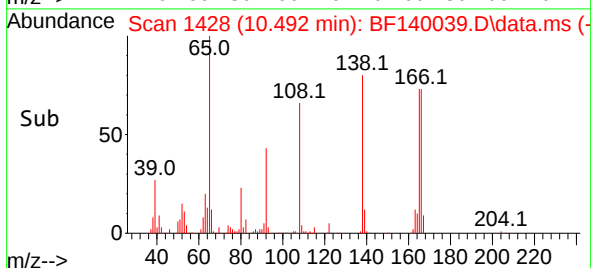
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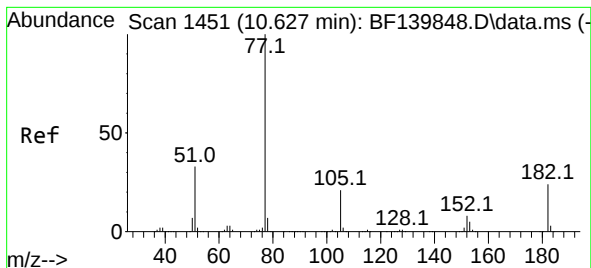


#62
4-Nitroaniline
Concen: 56.641 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01



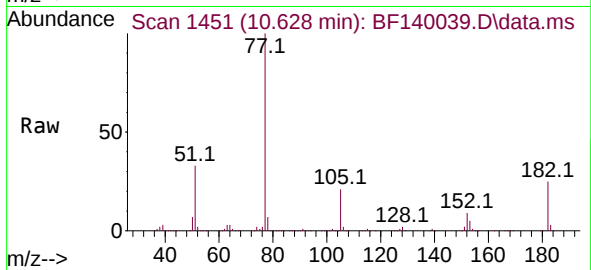
Tgt Ion:138 Resp: 164621
Ion Ratio Lower Upper
138 100
92 53.5 35.7 75.7
108 83.0 57.5 97.5





#63
Azobenzene
Concen: 51.107 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



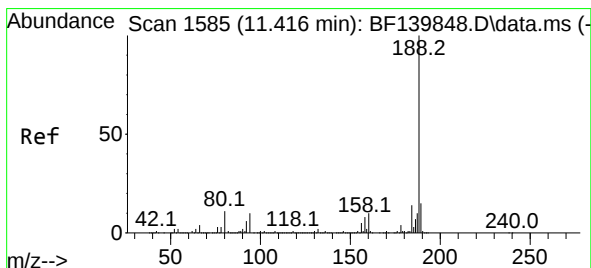
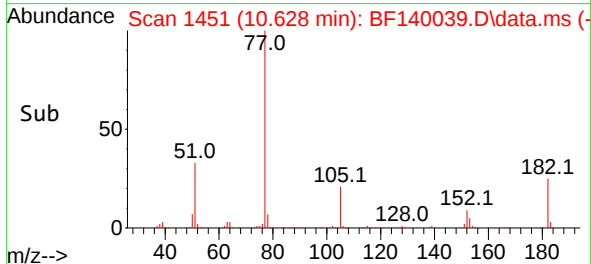
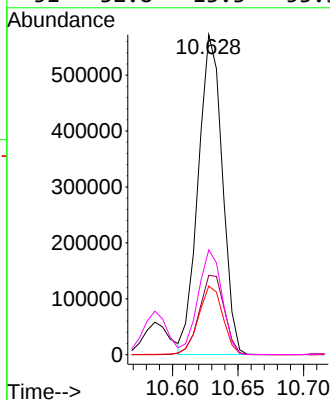
Tgt Ion: 77 Resp: 73318
Ion Ratio Lower Upper
77 100
182 24.8 3.3 43.3
105 21.4 1.2 41.2
51 32.8 13.3 53.3

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

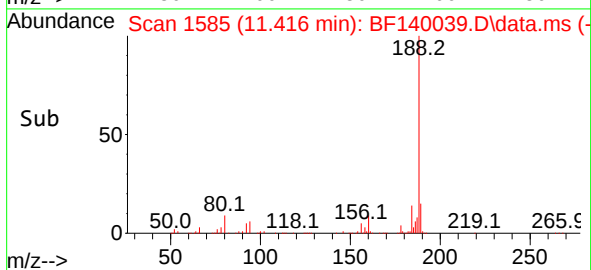
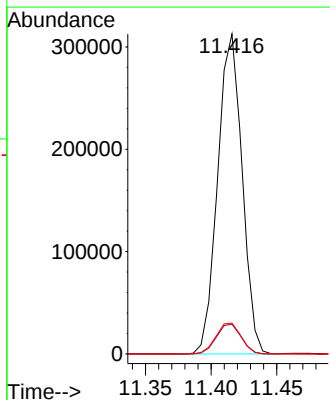
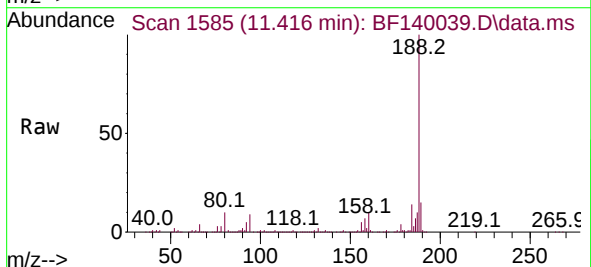
10/25/2024
Supervised By :mohammad
ahmed

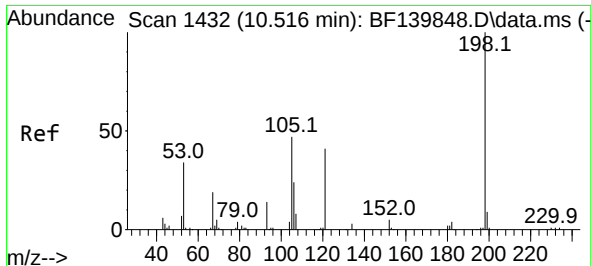
10/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:188 Resp: 405556
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 9.7 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 73.219 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS

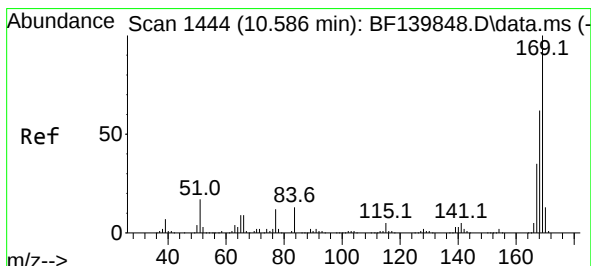
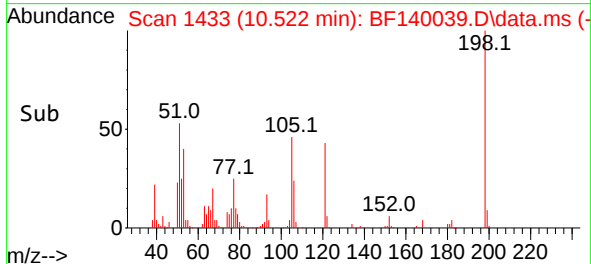
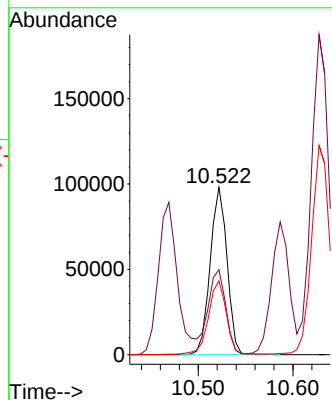
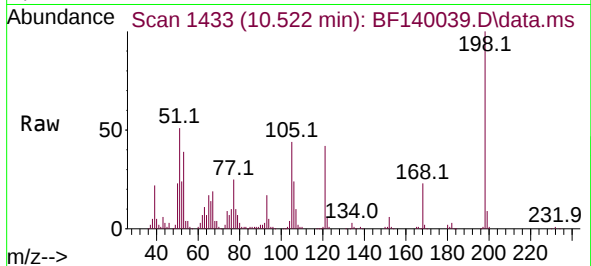
Tgt Ion:198 Resp: 12112
Ion Ratio Lower Upper
198 100
51 50.9 38.2 78.2
105 44.1 27.9 67.9

Manual Integrations
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Reviewed By :Yogesh
Patel

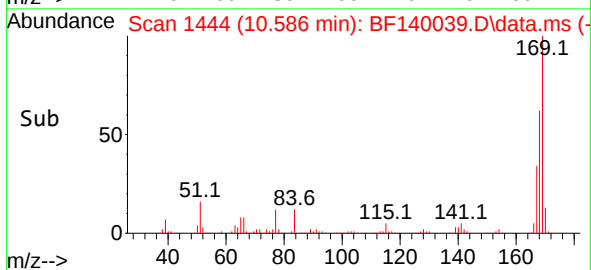
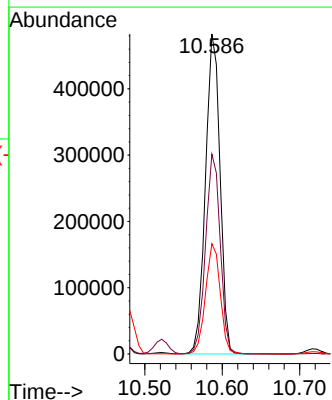
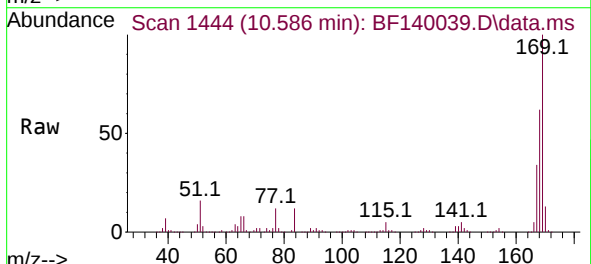
10/25/2024
Supervised By :mohammad
ahmed

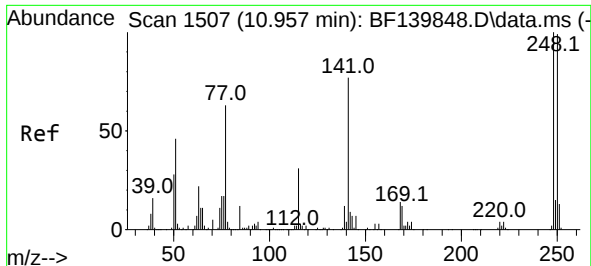
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#66
n-Nitrosodiphenylamine
Concen: 51.890 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

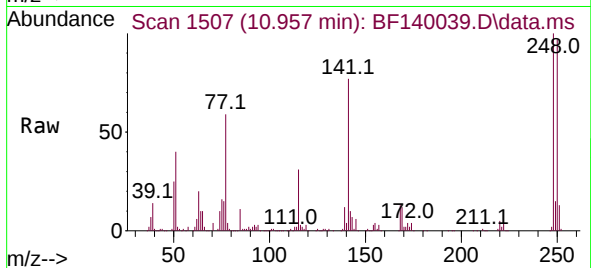
Tgt Ion:169 Resp: 629850
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.4 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 53.166 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



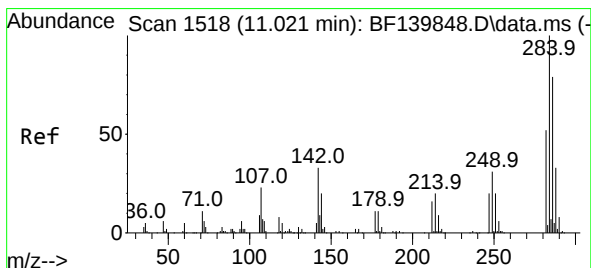
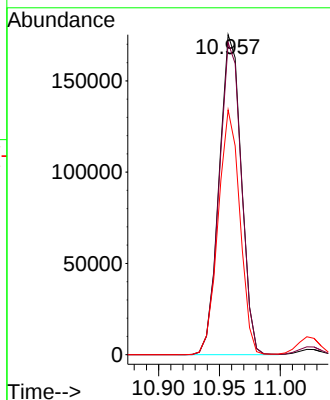
Tgt Ion:248 Resp: 222127
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.6
141 76.5 61.7 92.5

Manual Integrations
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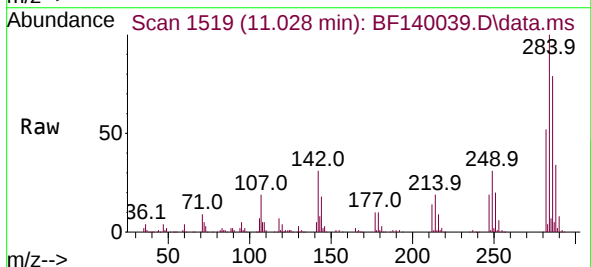
Reviewed By :Yogesh
Patel

10/25/2024
Supervised By :mohammad
ahmed

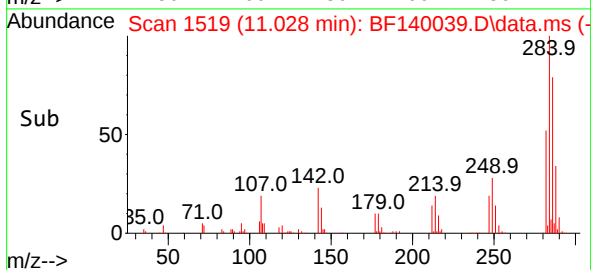
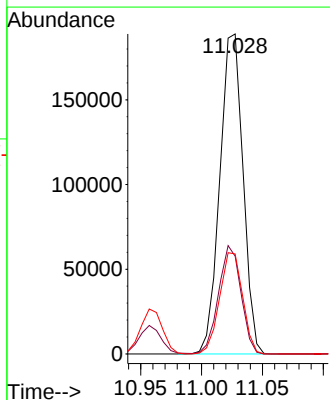
10/28/2024

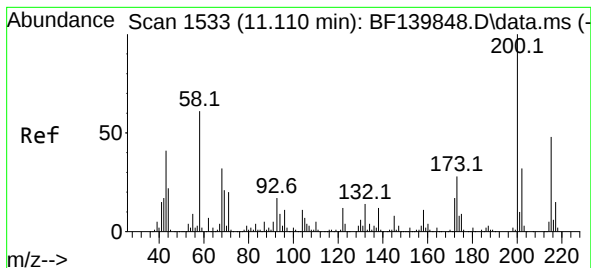


#68
Hexachlorobenzene
Concen: 53.333 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01



Tgt Ion:284 Resp: 250605
Ion Ratio Lower Upper
284 100
142 30.5 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 49.727 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF140039.D

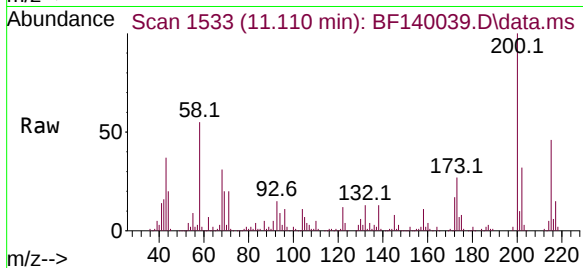
Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS



Tgt Ion:200 Resp: 16350

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.7	47.7
215	46.5	27.7	67.7

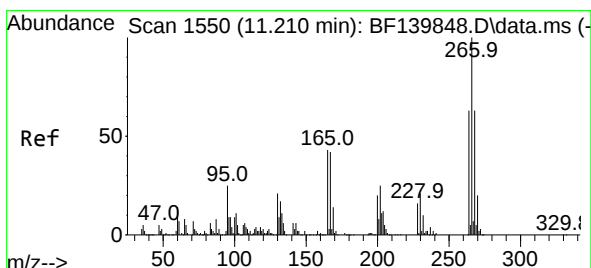
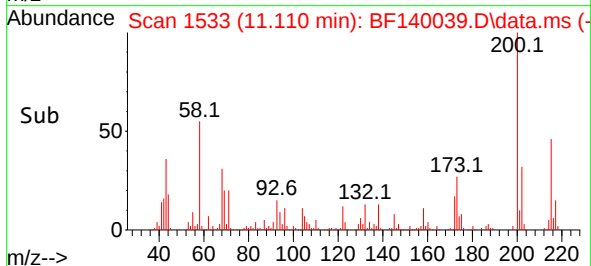
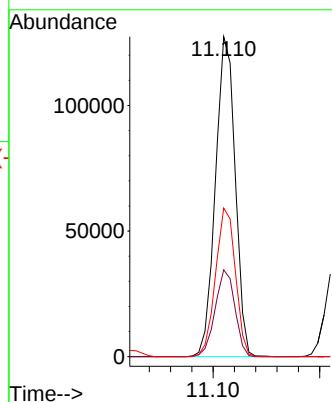
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/25/2024

Supervised By :mohammad
ahmed

10/28/2024



#70

Pentachlorophenol

Concen: 108.790 ng

RT: 11.216 min Scan# 1551

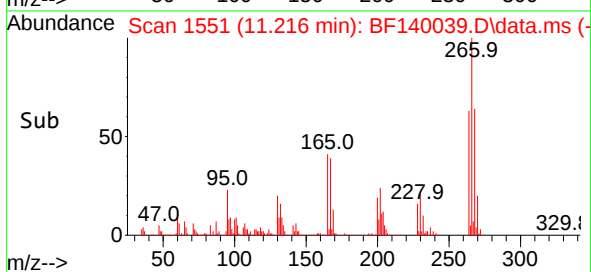
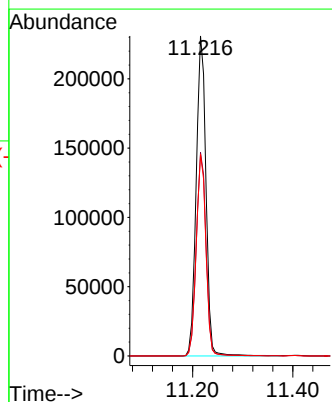
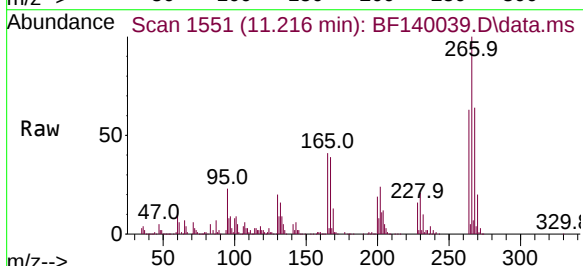
Delta R.T. 0.006 min

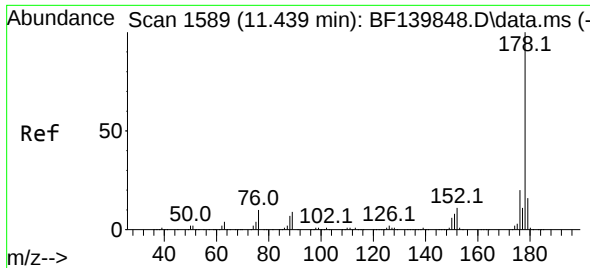
Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

Tgt Ion:266 Resp: 310243

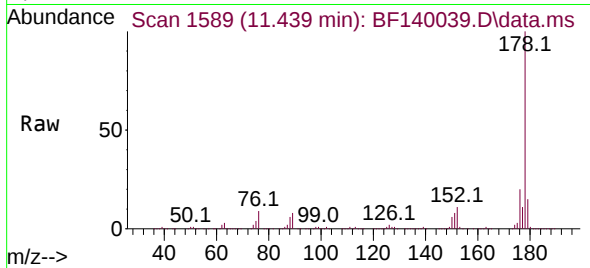
Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.4	75.6
264	63.0	50.6	75.8





#71
Phenanthrene
Concen: 52.871 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



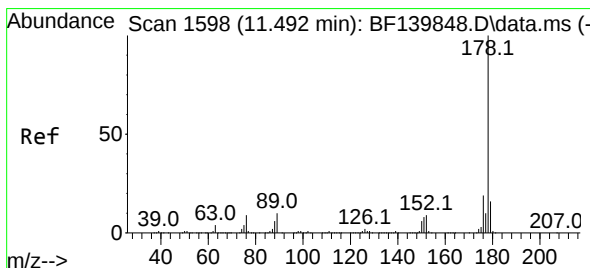
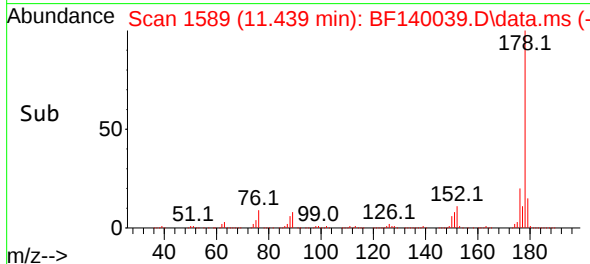
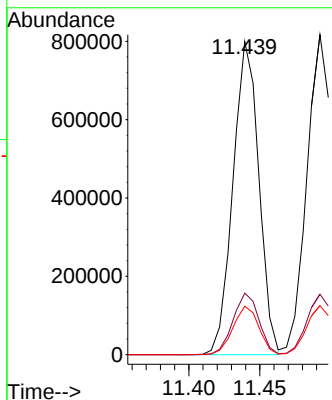
Tgt Ion:178 Resp: 1012838
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.6 18.8

Manual Integrations
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Reviewed By :Yogesh
Patel

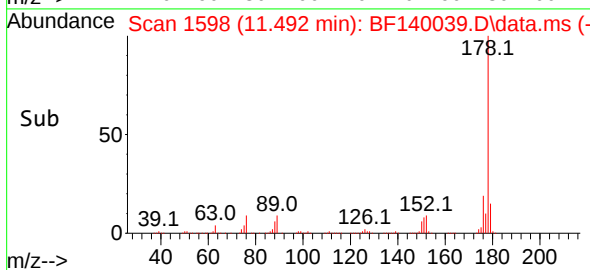
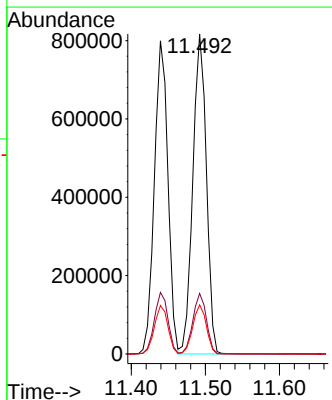
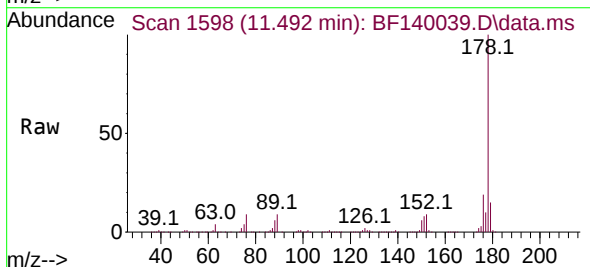
10/25/2024
Supervised By :mohammad
ahmed

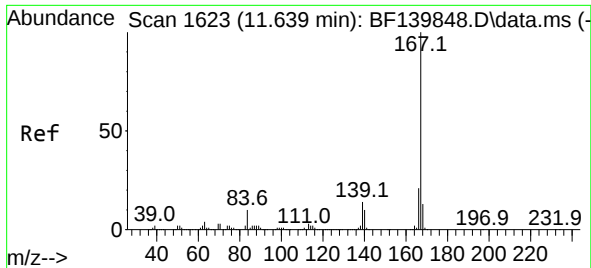
10/28/2024



#72
Anthracene
Concen: 55.377 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

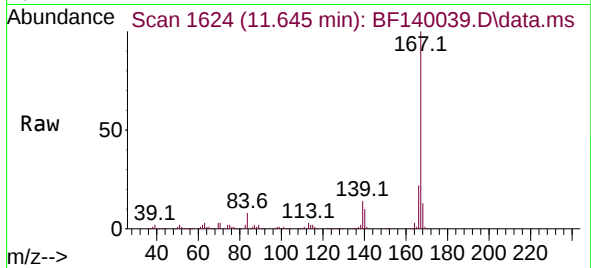
Tgt Ion:178 Resp: 1035040
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.4 18.6





#73
Carbazole
Concen: 51.087 ng
RT: 11.645 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



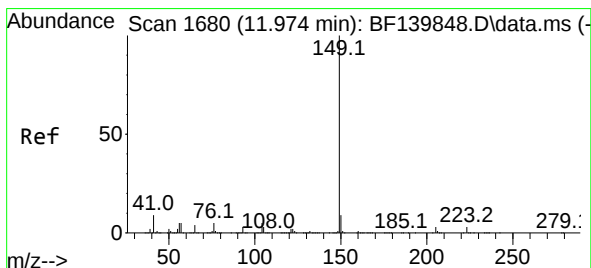
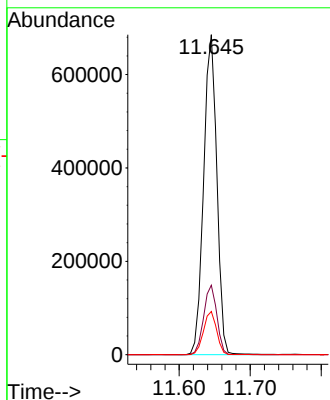
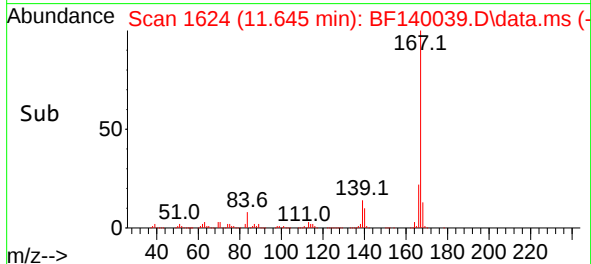
Tgt Ion:167 Resp: 888049
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.6
139 13.5 10.8 16.2

Manual Integrations
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Reviewed By :Yogesh
Patel

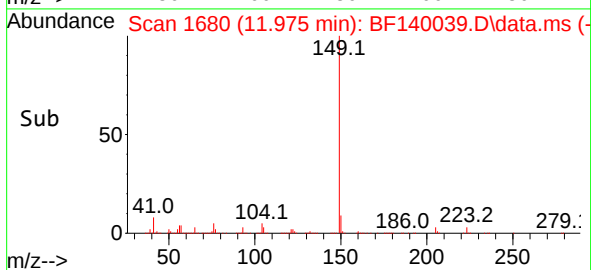
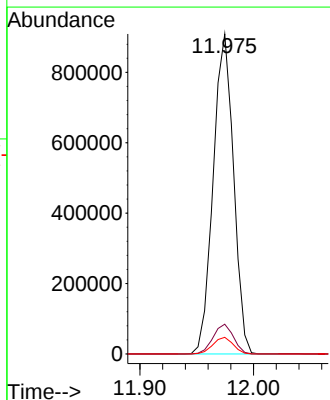
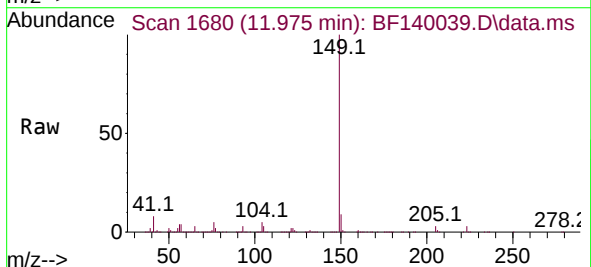
10/25/2024
Supervised By :mohammad
ahmed

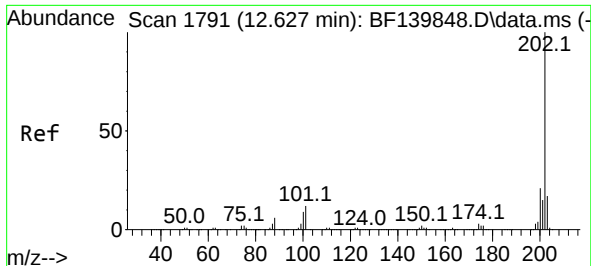
10/28/2024



#74
Di-n-butylphthalate
Concen: 56.366 ng
RT: 11.975 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

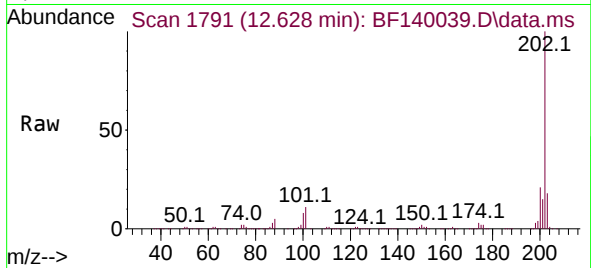
Tgt Ion:149 Resp: 1131999
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 50.583 ng
RT: 12.628 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



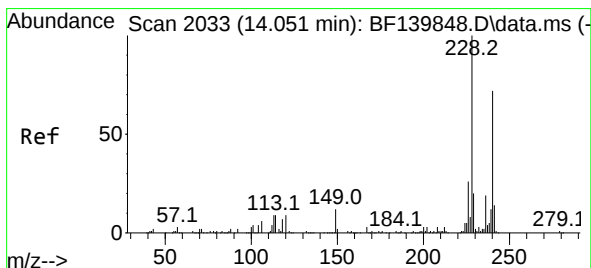
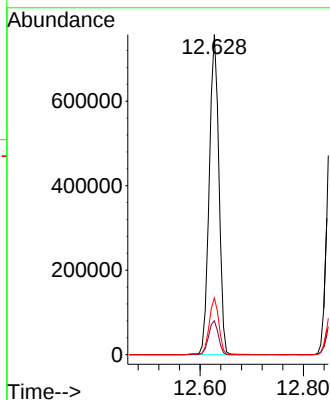
Tgt Ion:202 Resp: 979598
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
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Reviewed By :Yogesh
Patel

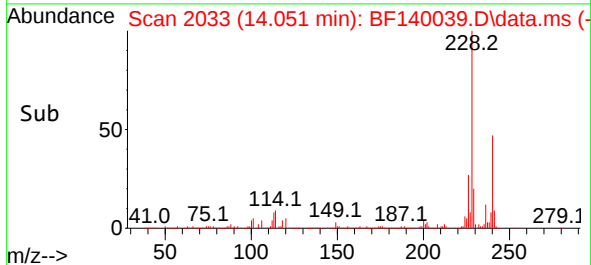
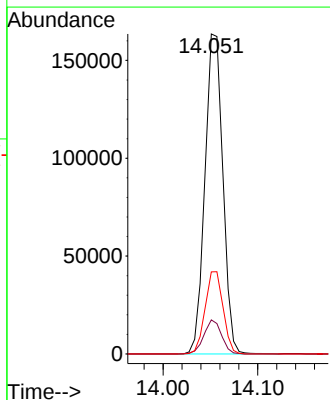
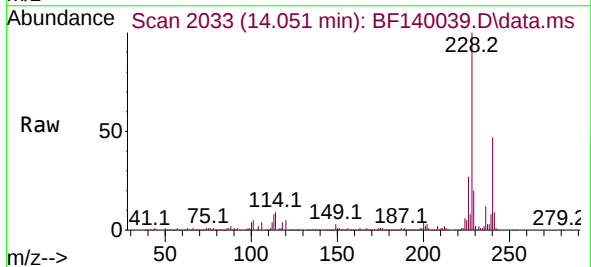
10/25/2024
Supervised By :mohammad
ahmed

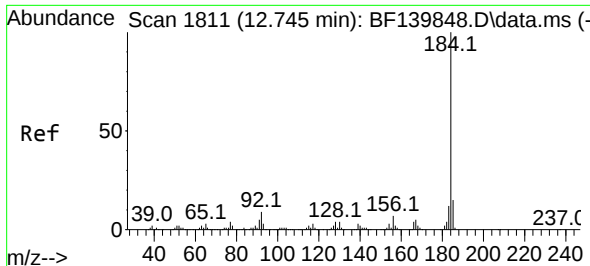
10/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

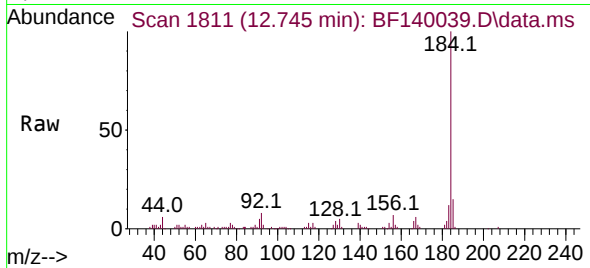
Tgt Ion:240 Resp: 215222
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.7 20.9 31.3





#77
Benzidine
Concen: 24.982 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



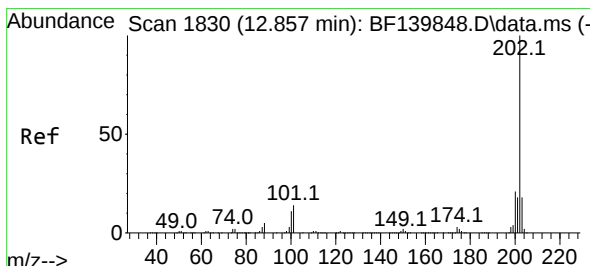
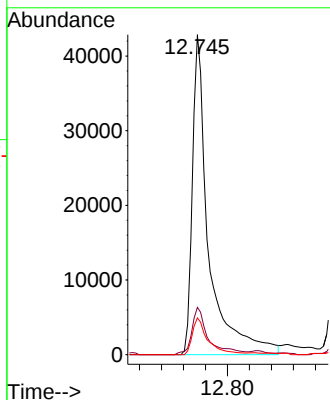
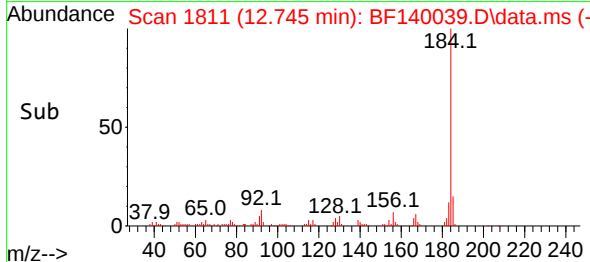
Tgt Ion:184 Resp: 8841
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.5 9.4 14.2

Manual Integrations
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Reviewed By :Yogesh
Patel

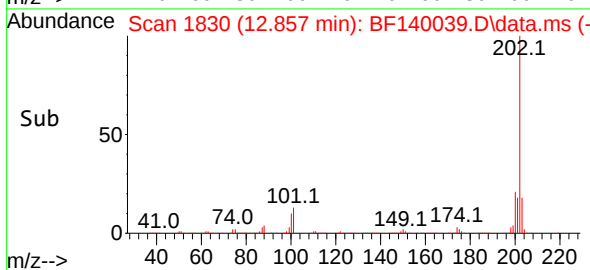
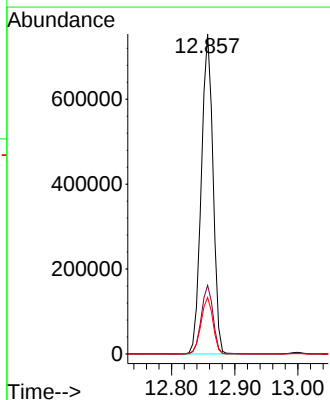
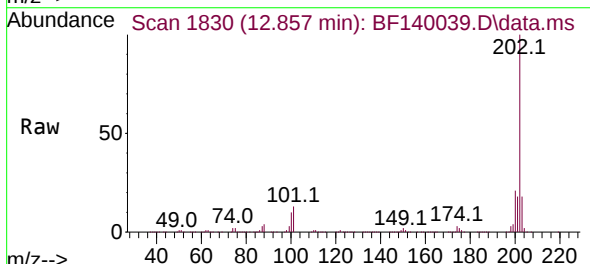
10/25/2024
Supervised By :mohammad
ahmed

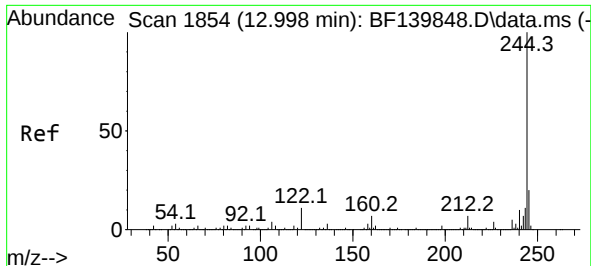
10/28/2024



#78
Pyrene
Concen: 51.539 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

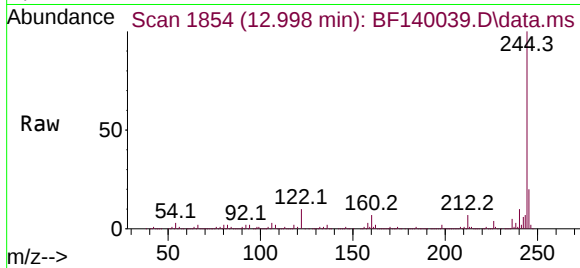
Tgt Ion:202 Resp: 970952
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.7 14.2 21.4





#79
 Terphenyl-d14
 Concen: 109.122 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140039.D
 Acq: 25 Oct 2024 16:01

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5MS



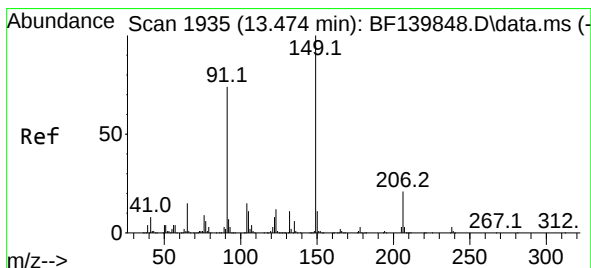
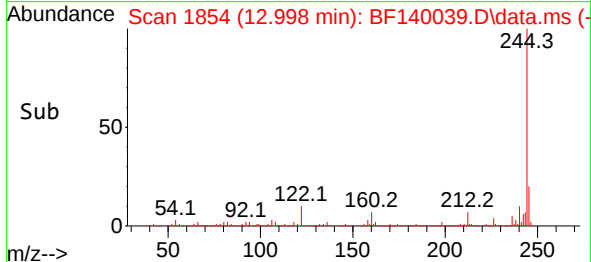
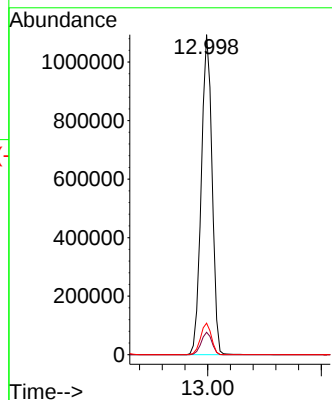
Tgt Ion:244 Resp: 1441289
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.9 8.6 13.0

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Reviewed By :Yogesh
 Patel

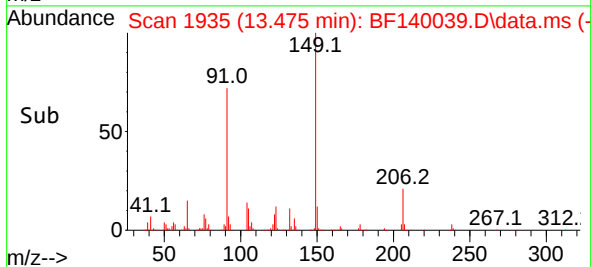
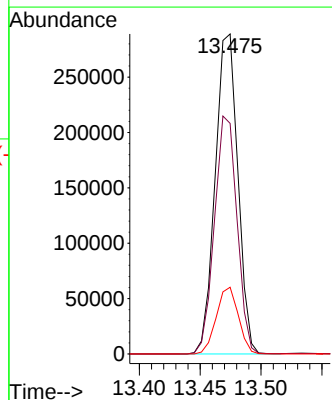
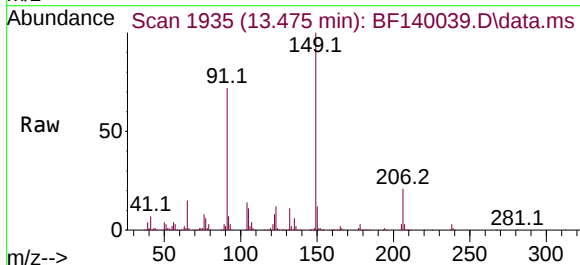
10/25/2024
 Supervised By :mohammad
 ahmed

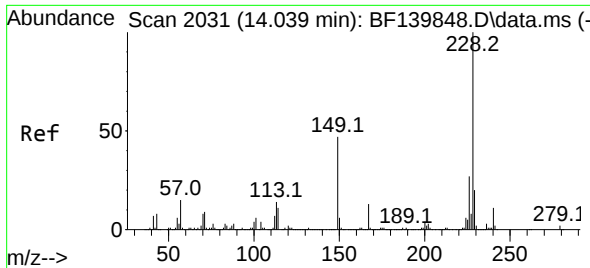
10/28/2024



#80
 Butylbenzylphthalate
 Concen: 66.356 ng
 RT: 13.475 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF140039.D
 Acq: 25 Oct 2024 16:01

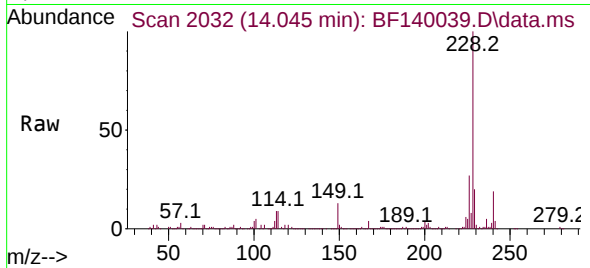
Tgt Ion:149 Resp: 374777
 Ion Ratio Lower Upper
 149 100
 91 72.1 59.4 89.2
 206 20.8 16.4 24.6





#81
Benzo(a)anthracene
Concen: 54.414 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



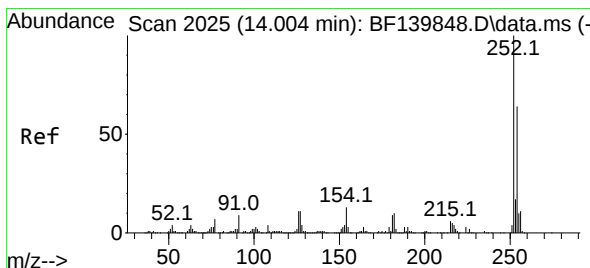
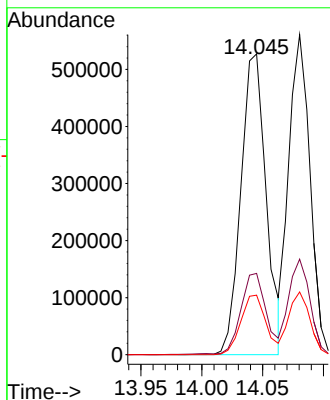
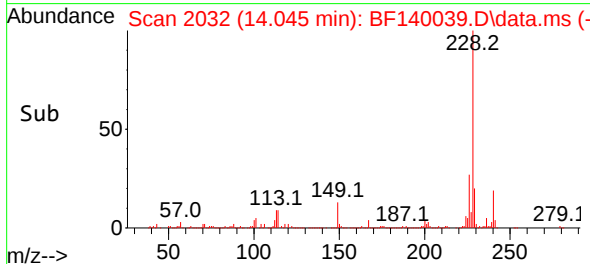
Tgt Ion:228 Resp: 762348
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 16.1 24.1

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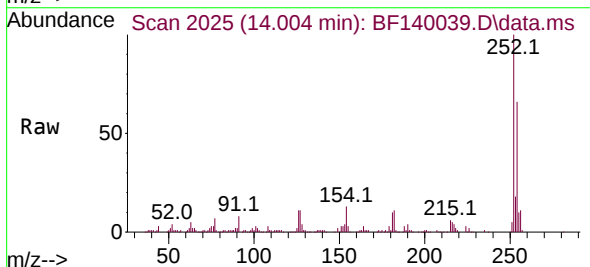
Reviewed By :Yogesh
Patel

10/25/2024
Supervised By :mohammad
ahmed

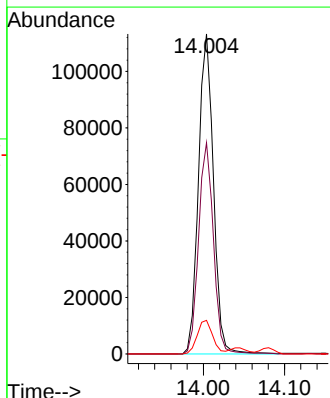
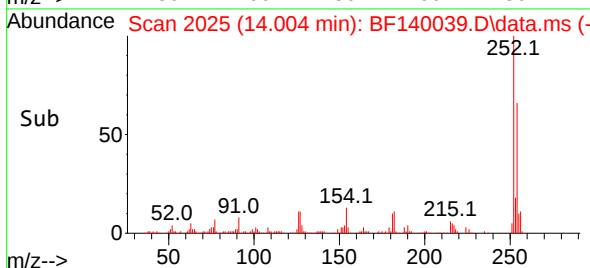
10/28/2024



#82
3,3'-Dichlorobenzidine
Concen: 35.530 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01



Tgt Ion:252 Resp: 145138
Ion Ratio Lower Upper
252 100
254 66.0 50.8 76.2
126 10.5 8.9 13.3





#83

Chrysene

Concen: 53.205 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140039.D

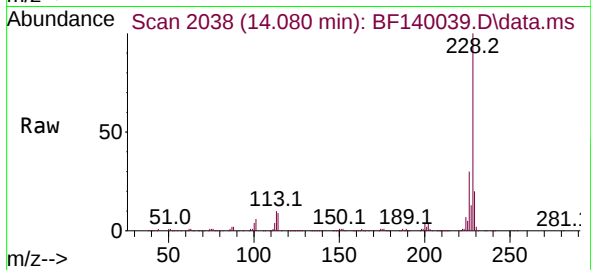
Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS



Tgt Ion:228 Resp: 68345

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.6 15.8 23.6

Manual Integrations

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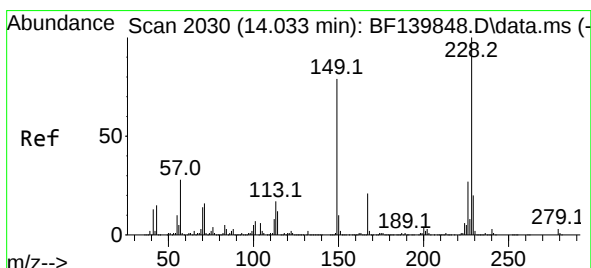
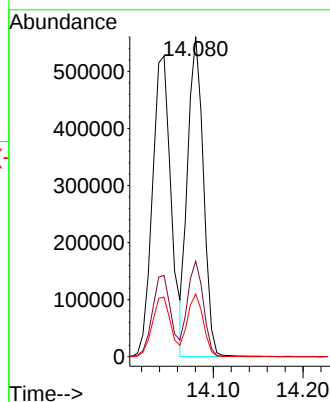
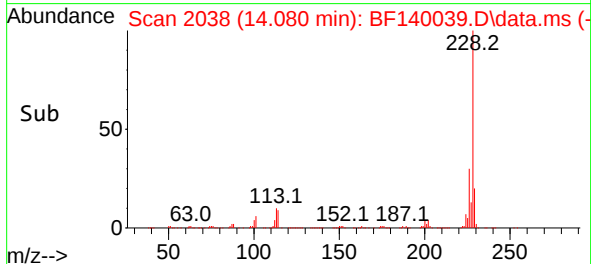
Reviewed By :Yogesh

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ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 75.330 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140039.D

Acq: 25 Oct 2024 16:01

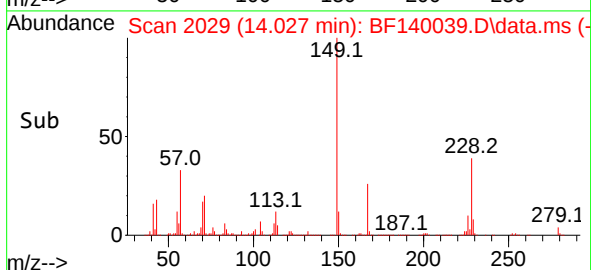
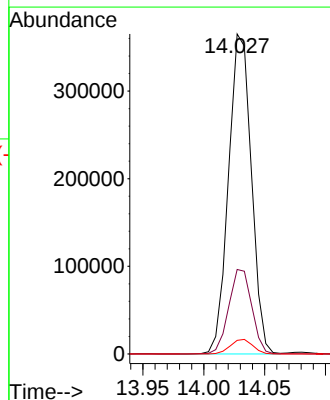
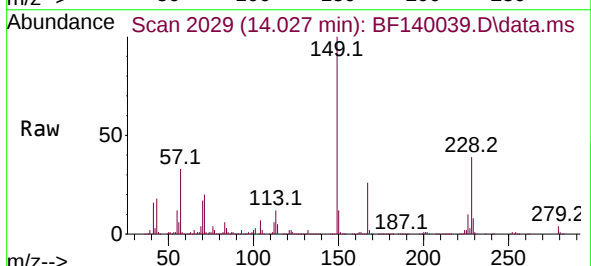
Tgt Ion:149 Resp: 477345

Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

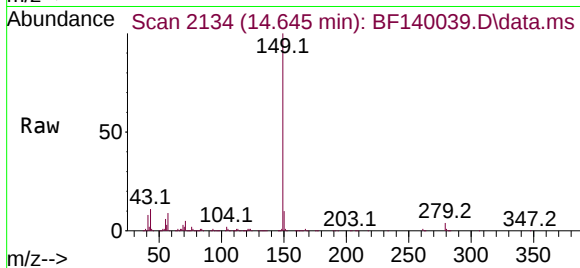
279 4.3 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 66.598 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



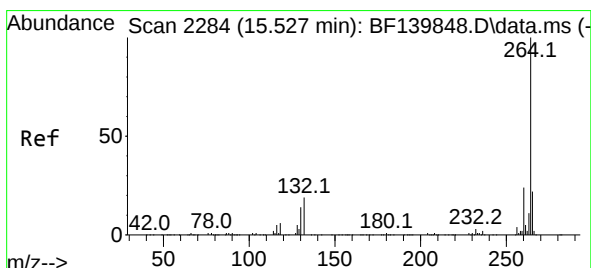
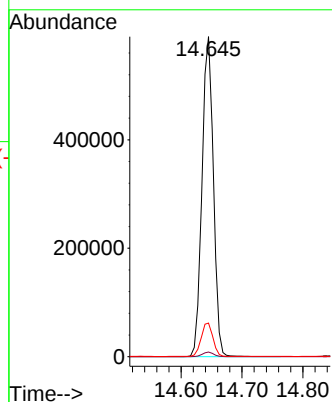
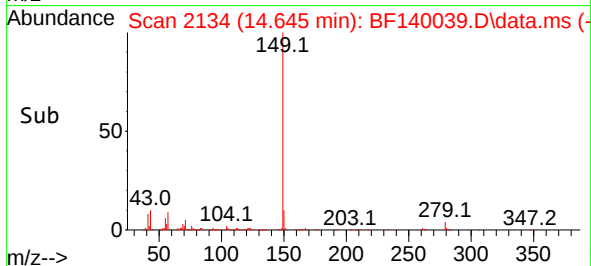
Tgt Ion:149 Resp: 767600
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.7 9.8 14.6

Manual Integrations
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Reviewed By :Yogesh
Patel

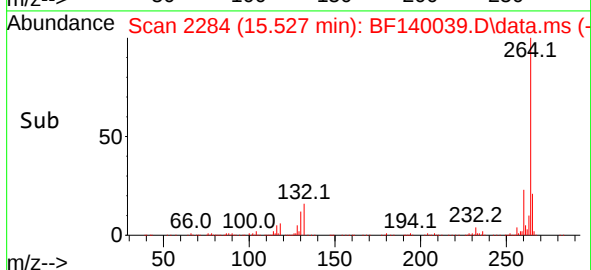
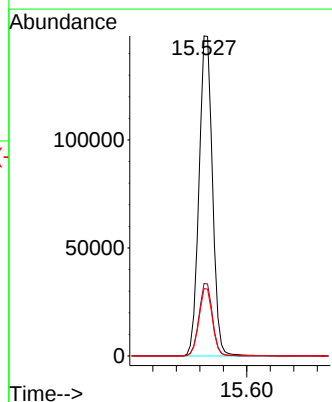
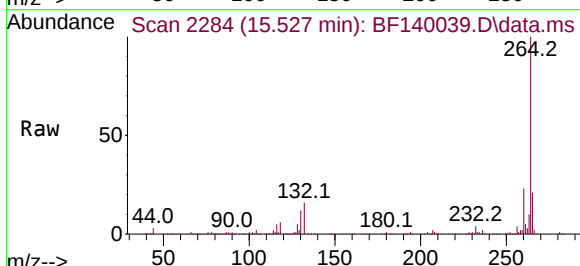
10/25/2024
Supervised By :mohammad
ahmed

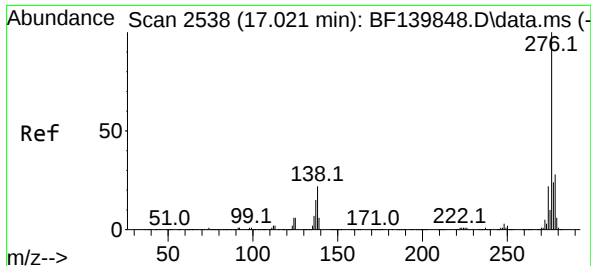
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:264 Resp: 234806
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.0 17.4 26.0





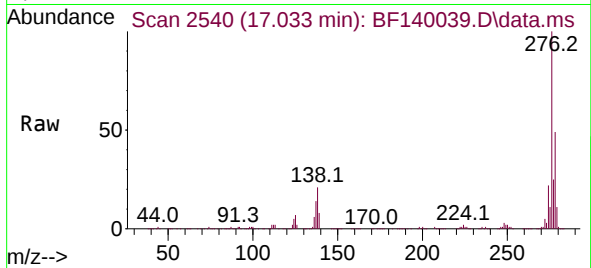
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.226 ng
RT: 17.033 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS



Tgt Ion:276 Resp: 834220
Ion Ratio Lower Upper
276 100
138 22.9 20.4 30.6
277 25.4 20.2 30.4

Manual Integrations

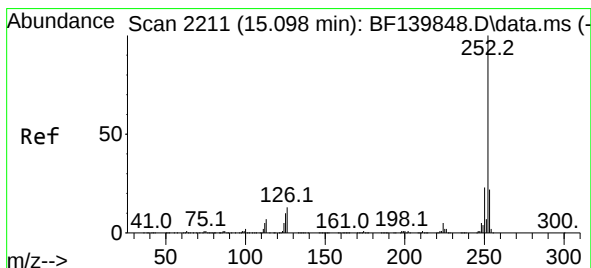
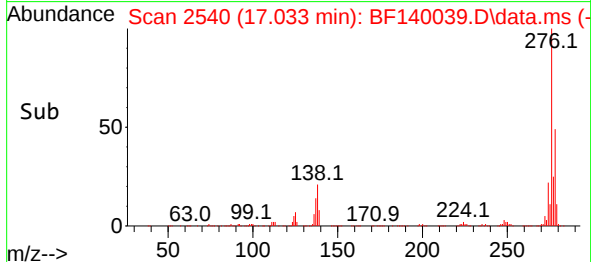
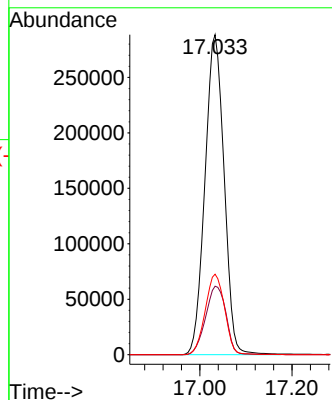
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Patel

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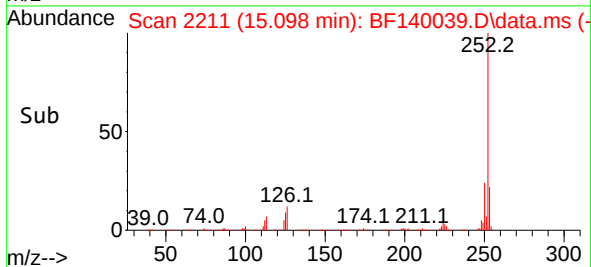
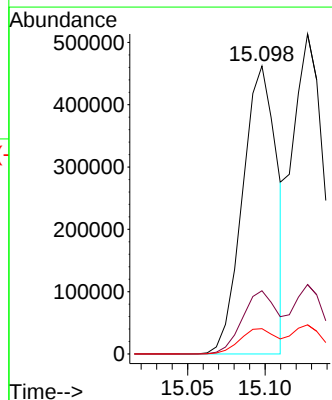
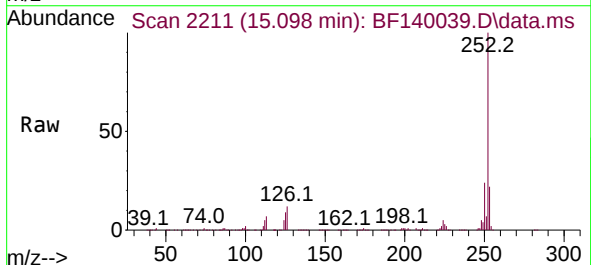
Supervised By :mohammad
ahmed

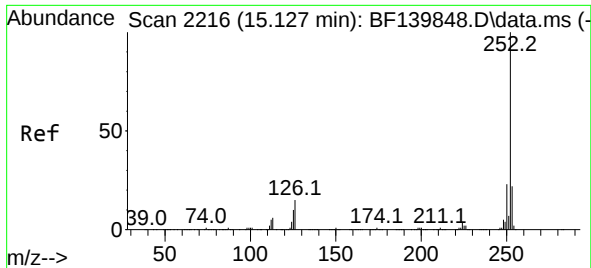
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#88
Benzo(b)fluoranthene
Concen: 49.580 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

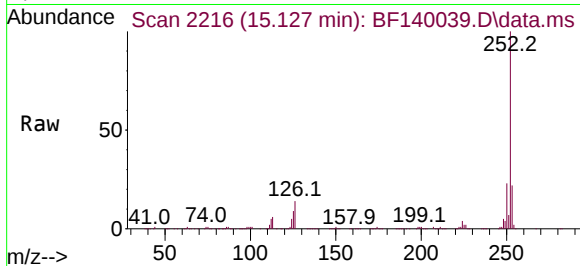
Tgt Ion:252 Resp: 709159
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 58.022 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
BP-B5MS



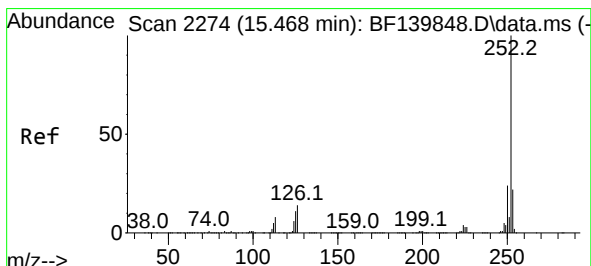
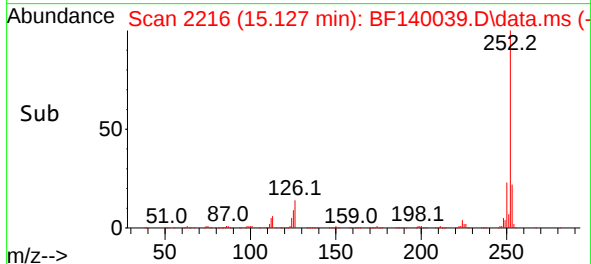
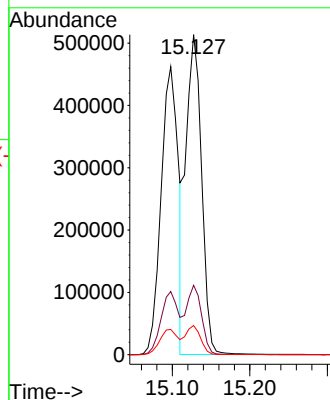
Tgt Ion:252 Resp: 71573
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.1 7.9 11.9

Manual Integrations
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Reviewed By :Yogesh
Patel

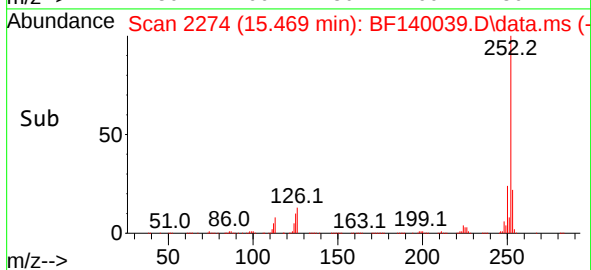
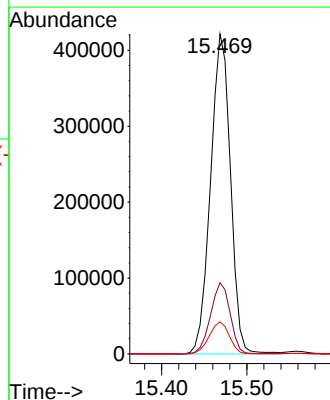
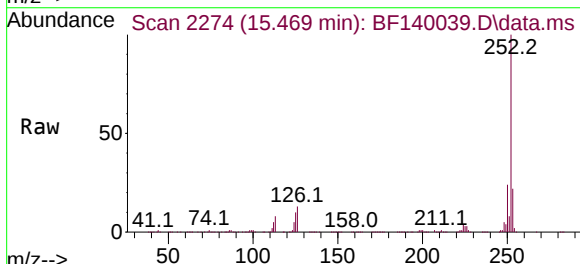
10/25/2024
Supervised By :mohammad
ahmed

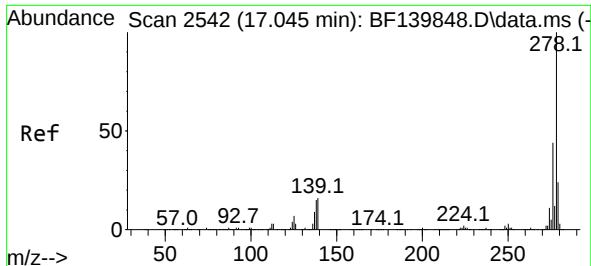
10/28/2024



#90
Benzo(a)pyrene
Concen: 58.103 ng
RT: 15.469 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:252 Resp: 683836
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.0 8.7 13.1





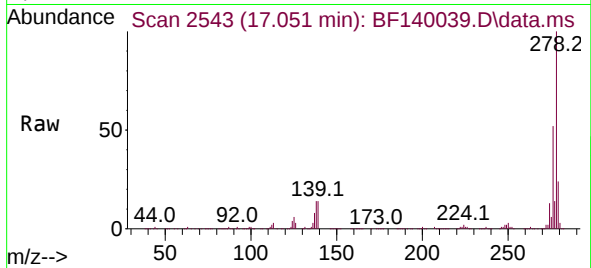
#91
Dibenzo(a,h)anthracene
Concen: 54.755 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

BP-B5MS



Tgt Ion:278 Resp: 689989
Ion Ratio Lower Upper
278 100
139 14.1 13.1 19.7
279 23.8 19.0 28.4

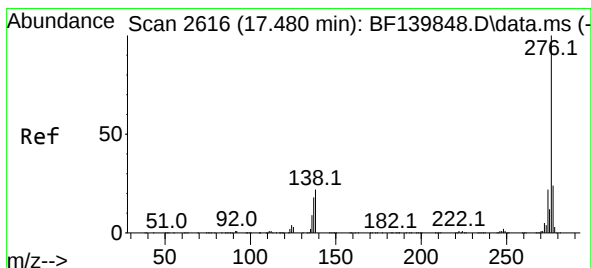
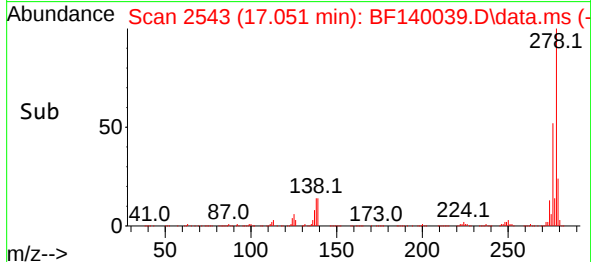
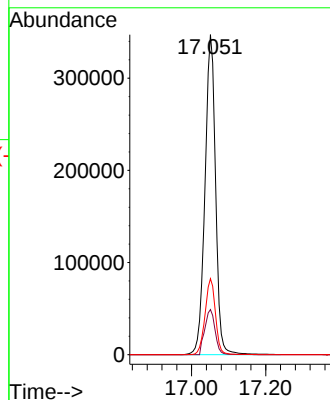
Manual Integrations
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Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

10/28/2024



#92
Benzo(g,h,i)perylene
Concen: 48.108 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140039.D
Acq: 25 Oct 2024 16:01

Tgt Ion:276 Resp: 605548
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 19.7 17.4 26.0

