

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139474.D
 Acq On : 19 Sep 2024 20:18
 Operator : RC/JU
 Sample : P4030-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-08-202409MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/21/2024
 Supervised By :mohammad
 ahmed

Quant Time: Sep 20 01:38:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75209	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	279325	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	144162	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	227131	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	115561	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	127650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	534174	115.867	ng	0.01
7) Phenol-d6	6.510	99	675516	111.632	ng	0.00
23) Nitrobenzene-d5	7.445	82	520290	87.567	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	196550	128.064	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	985220	95.850	ng	0.00
79) Terphenyl-d14	12.980	244	713861	101.394	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	68572	37.073	ng	97
3) Pyridine	3.475	79	158971	38.982	ng	98
4) n-Nitrosodimethylamine	3.434	42	136132	38.514	ng	87
6) Aniline	6.540	93	237973	52.111	ng	# 89
8) 2-Chlorophenol	6.663	128	213292	44.945	ng	98
9) Benzaldehyde	6.428	77	47300	13.529	ng	96
10) Phenol	6.528	94	256817	41.670	ng	91
11) bis(2-Chloroethyl)ether	6.616	93	207275	44.249	ng	98
12) 1,3-Dichlorobenzene	6.822	146	219985	40.760	ng	98
13) 1,4-Dichlorobenzene	6.898	146	227219	41.661	ng	98
14) 1,2-Dichlorobenzene	7.045	146	215284	41.774	ng	99
15) Benzyl Alcohol	7.022	79	224755	46.554	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	386258	53.505	ng	98
17) 2-Methylphenol	7.134	107	177509	47.079	ng	98
18) Hexachloroethane	7.392	117	80755	38.874	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	179792	50.139	ng	99
20) 3+4-Methylphenols	7.287	107	231031	44.912	ng	# 90
22) Acetophenone	7.287	105	316314	43.317	ng	99
24) Nitrobenzene	7.463	77	261416	42.749	ng	99
25) Isophorone	7.698	82	485675	51.685	ng	99
26) 2-Nitrophenol	7.775	139	111156	46.656	ng	95
27) 2,4-Dimethylphenol	7.816	122	189049	60.156	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	272527	50.888	ng	98
29) 2,4-Dichlorophenol	8.016	162	191111	47.869	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	194702	41.855	ng	99
31) Naphthalene	8.187	128	653803	44.835	ng	99
32) Benzoic acid	7.934	122	122125	41.525	ng	93
33) 4-Chloroaniline	8.228	127	183128	41.050	ng	99
34) Hexachlorobutadiene	8.298	225	129381	40.938	ng	100
35) Caprolactam	8.604	113	50498m	41.118	ng	
36) 4-Chloro-3-methylphenol	8.716	107	221006	48.437	ng	95
37) 2-Methylnaphthalene	8.875	142	437113	47.225	ng	99
38) 1-Methylnaphthalene	8.975	142	418376	46.040	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	210169	49.191	ng	99
41) Hexachlorocyclopentadiene	9.028	237	196060	131.427	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	146234	52.608	ng	98

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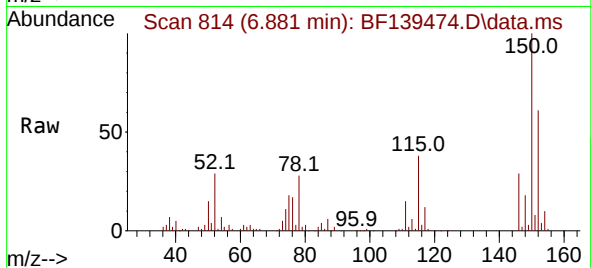
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	153512	52.356	ng	99
46) 1,1'-Biphenyl	9.339	154	556691	50.194	ng	99
47) 2-Chloronaphthalene	9.363	162	406340	49.001	ng	99
48) 2-Nitroaniline	9.457	65	164665	53.387	ng	98
49) Acenaphthylene	9.781	152	658840	52.780	ng	100
50) Dimethylphthalate	9.639	163	519777	54.933	ng	100
51) 2,6-Dinitrotoluene	9.698	165	109914	52.437	ng	97
52) Acenaphthene	9.951	154	478796	54.958	ng	100
53) 3-Nitroaniline	9.869	138	94440	45.083	ng	94
54) 2,4-Dinitrophenol	9.975	184	113837	97.463	ng	90
55) Dibenzofuran	10.122	168	616375	50.760	ng	96
56) 4-Nitrophenol	10.033	139	145881	84.160	ng	83
57) 2,4-Dinitrotoluene	10.104	165	143791	50.811	ng	97
58) Fluorene	10.463	166	488686	49.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	127738	52.665	ng	97
60) Diethylphthalate	10.339	149	526223	53.892	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	241728	50.203	ng	97
62) 4-Nitroaniline	10.486	138	102453	44.812	ng	90
63) Azobenzene	10.616	77	507860	52.881	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	69599	58.059	ng	94
66) n-Nitrosodiphenylamine	10.575	169	419469	63.168	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	136939	60.840	ng	99
68) Hexachlorobenzene	11.010	284	149620	56.640	ng	99
69) Atrazine	11.098	200	113962	72.087	ng	100
70) Pentachlorophenol	11.204	266	184514	116.407	ng	98
71) Phenanthrene	11.428	178	608116	55.494	ng	99
72) Anthracene	11.475	178	614369	57.343	ng	99
73) Carbazole	11.627	167	514275	50.152	ng	99
74) Di-n-butylphthalate	11.957	149	688725	60.293	ng	100
75) Fluoranthene	12.610	202	518876	44.339	ng	99
77) Benzidine	12.733	184	104159	62.911	ng	99
78) Pyrene	12.839	202	505314	50.926	ng	100
80) Butylbenzylphthalate	13.457	149	196415	58.156	ng	97
81) Benzo(a)anthracene	14.027	228	434908	56.816	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	132985	59.323	ng	98
83) Chrysene	14.063	228	384925	54.658	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	260626	60.660	ng	99
85) Di-n-octyl phthalate	14.621	149	448521	70.884	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	325219	42.846	ng	97
88) Benzo(b)fluoranthene	15.074	252	465623	59.145	ng	99
89) Benzo(k)fluoranthene	15.104	252	378327	52.120	ng	99
90) Benzo(a)pyrene	15.445	252	394876	60.479	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	278736	44.440	ng	98
92) Benzo(g,h,i)perylene	17.421	276	217740	35.061	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



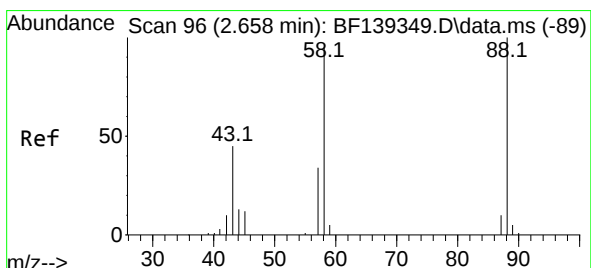
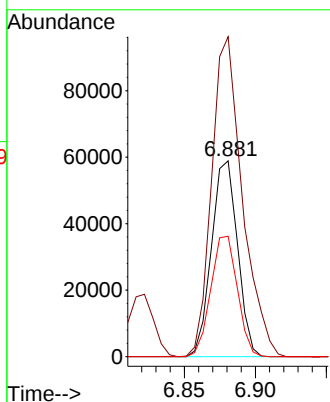
Tgt Ion: 152 Resp: 75209
Ion Ratio Lower Upper
152 100
150 163.5 124.1 186.1
115 61.5 48.1 72.1

Manual Integrations
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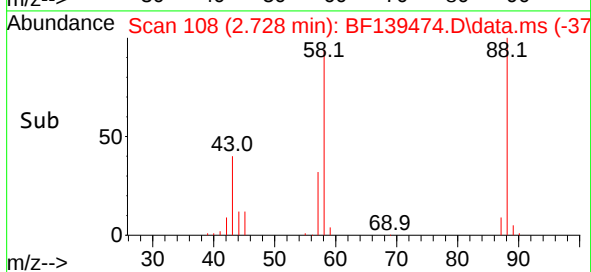
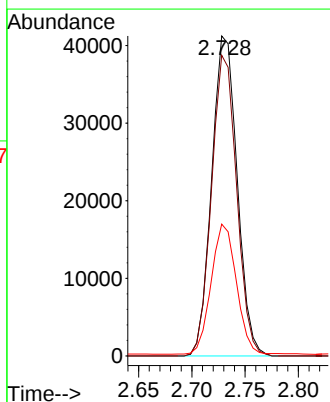
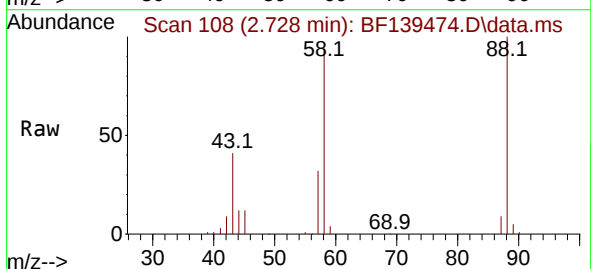
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Supervised By :mohammad
ahmed

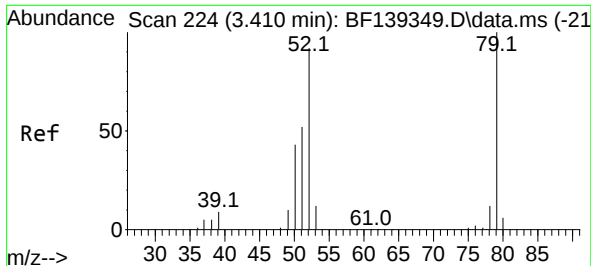
09/22/2024



#2
1,4-Dioxane
Concen: 37.073 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.071 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

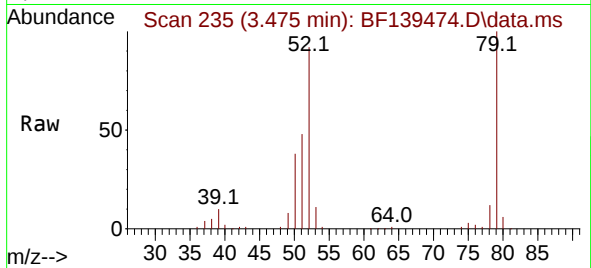
Tgt Ion: 88 Resp: 68572
Ion Ratio Lower Upper
88 100
58 92.7 74.8 112.2
43 40.5 36.4 54.6





#3
Pyridine
Concen: 38.982 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



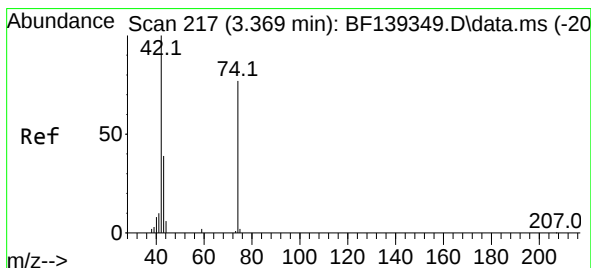
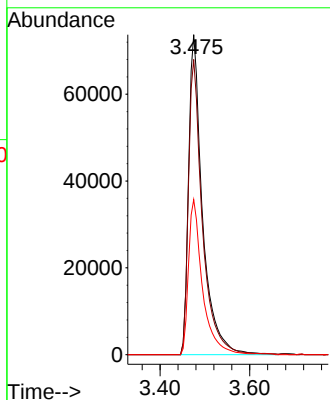
Tgt Ion: 79 Resp: 15897
Ion Ratio Lower Upper
79 100
52 92.2 73.8 110.8
51 48.4 41.8 62.6

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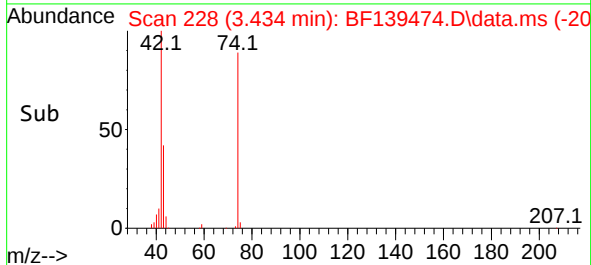
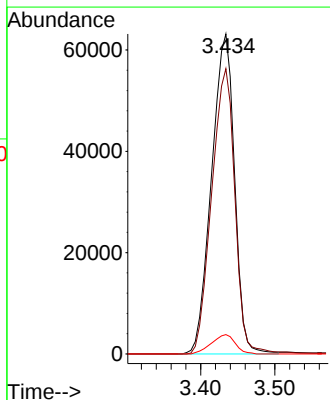
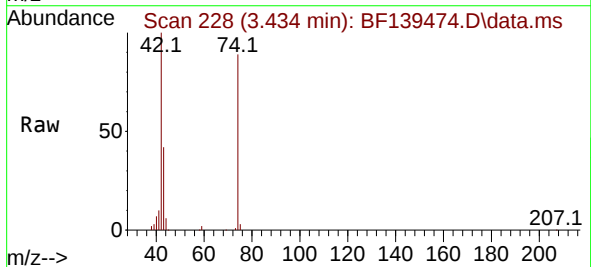
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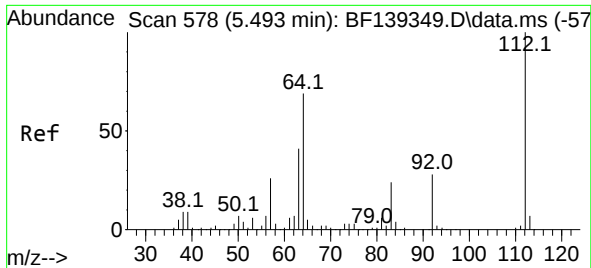
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#4
n-Nitrosodimethylamine
Concen: 38.514 ng
RT: 3.434 min Scan# 228
Delta R.T. 0.065 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

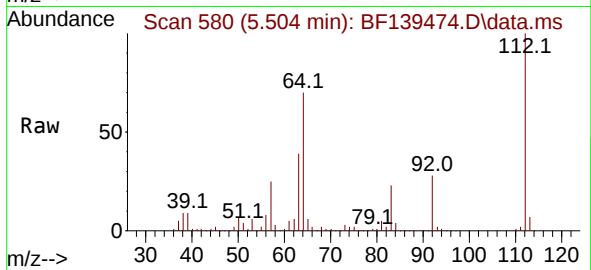
Tgt Ion: 42 Resp: 136132
Ion Ratio Lower Upper
42 100
74 89.1 61.8 92.8
44 6.1 4.8 7.2





#5
2-Fluorophenol
Concen: 115.867 ng
RT: 5.504 min Scan# 534174
Delta R.T. 0.011 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



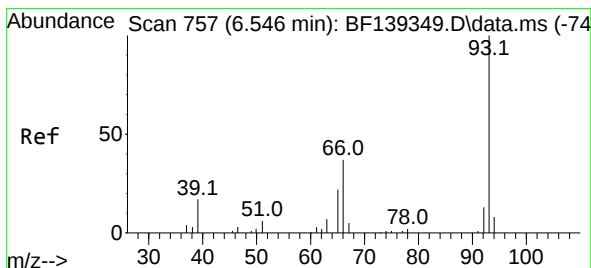
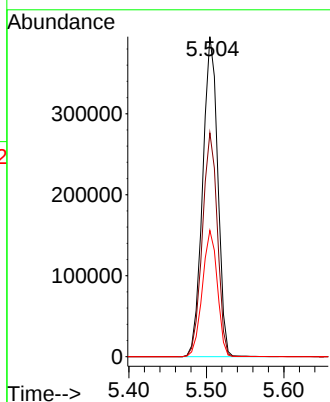
Tgt Ion:112 Resp: 534174
Ion Ratio Lower Upper
112 100
64 70.0 54.8 82.2
63 39.4 33.0 49.4

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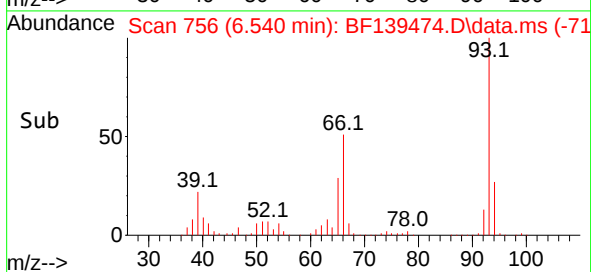
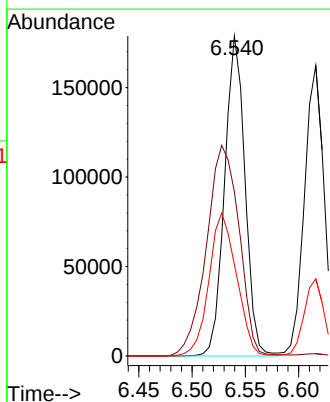
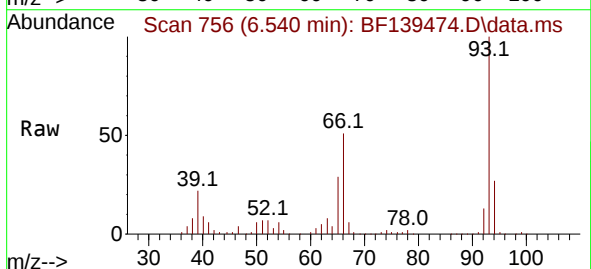
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#6
Aniline
Concen: 52.111 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

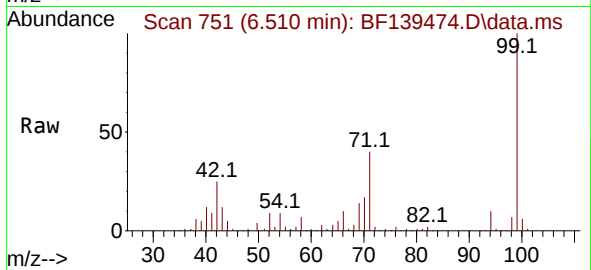
Tgt Ion: 93 Resp: 237973
Ion Ratio Lower Upper
93 100
66 51.4 35.4 53.0
65 28.6 18.2 27.4





#7
Phenol-d6
Concen: 111.632 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



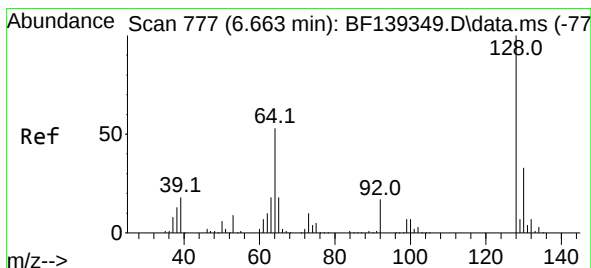
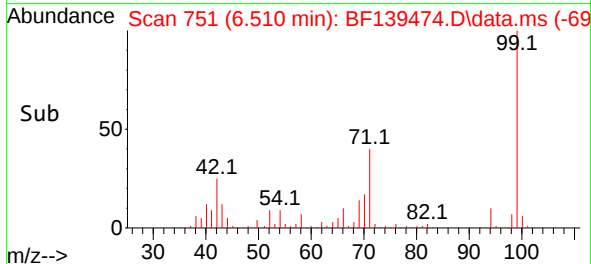
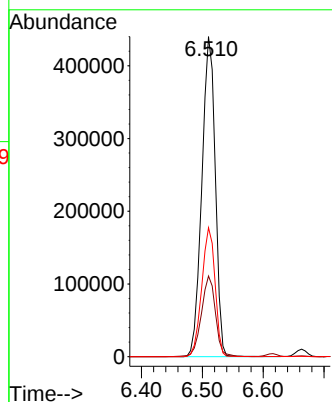
Tgt Ion: 99 Resp: 675510
Ion Ratio Lower Upper
99 100
42 25.2 21.9 32.9
71 40.3 34.6 52.0

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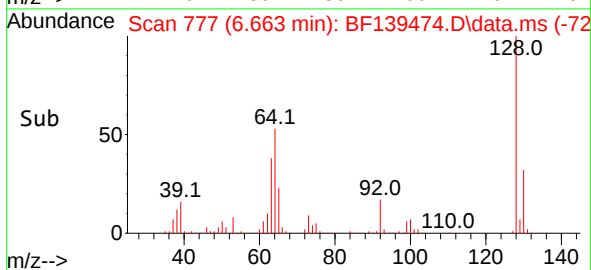
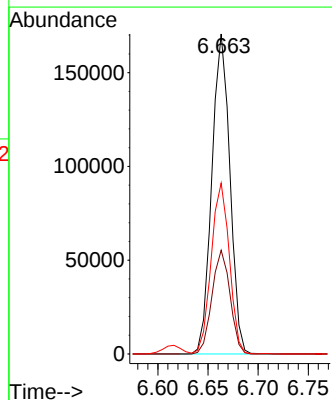
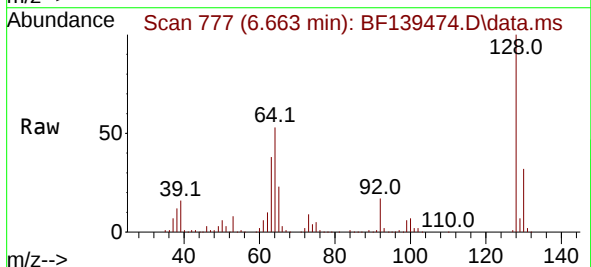
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ahmed

09/22/2024



#8
2-Chlorophenol
Concen: 44.945 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:128 Resp: 213292
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 53.4 35.1 75.1





#9
Benzaldehyde
Concen: 13.529 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
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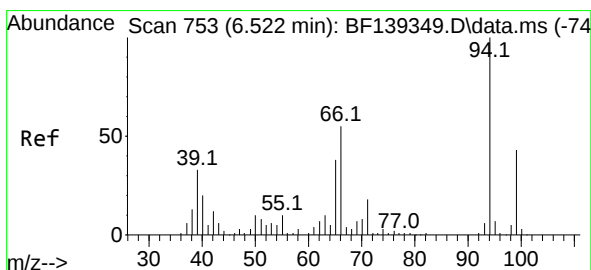
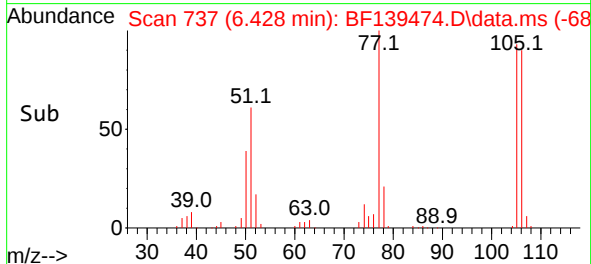
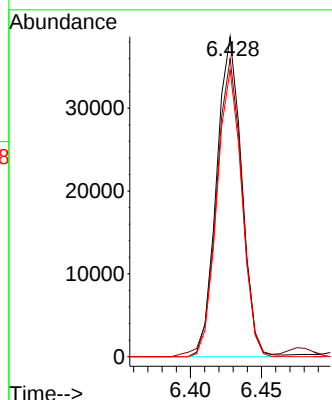
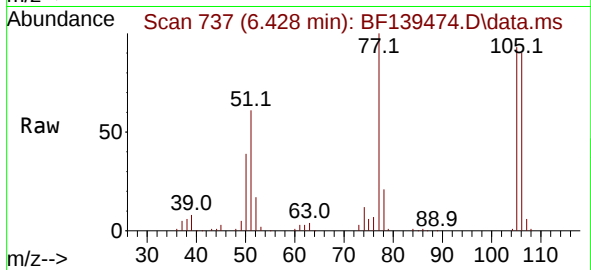
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Ion Ratio Lower Upper
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105 93.2 71.0 111.0
106 89.6 64.9 104.9

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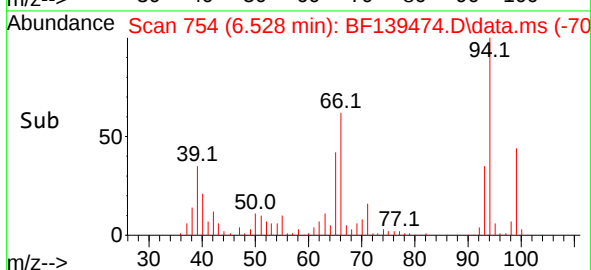
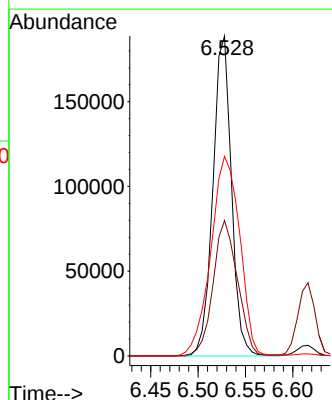
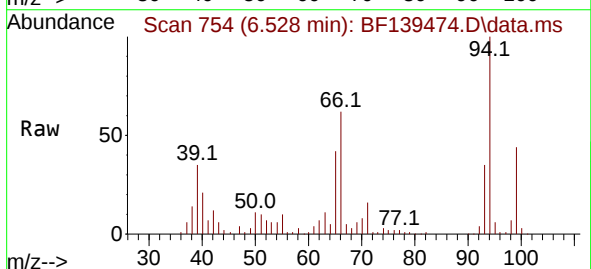
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Supervised By :mohammad
ahmed

09/22/2024



#10
Phenol
Concen: 41.670 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

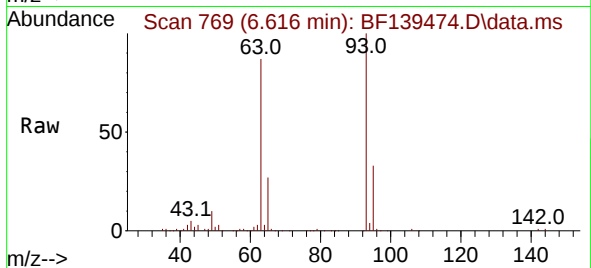
Tgt Ion: 94 Resp: 256817
Ion Ratio Lower Upper
94 100
65 42.3 17.6 57.6
66 62.4 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 44.249 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
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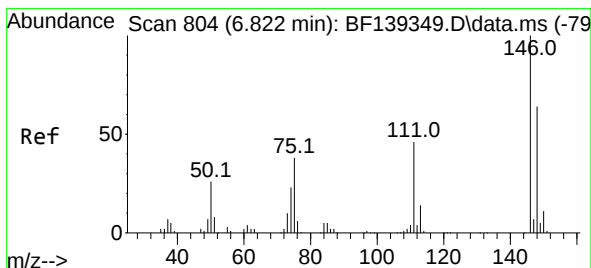
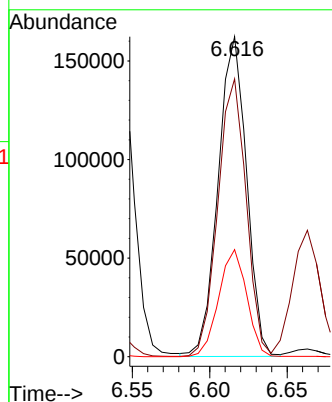
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Ion Ratio Lower Upper
93 100
63 86.8 65.3 105.3
95 33.4 12.4 52.4

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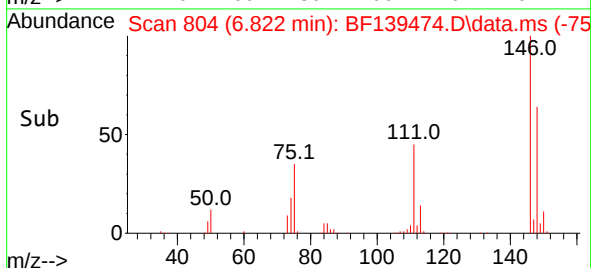
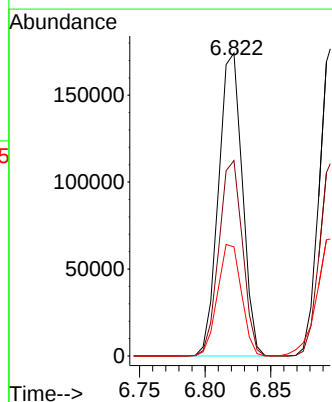
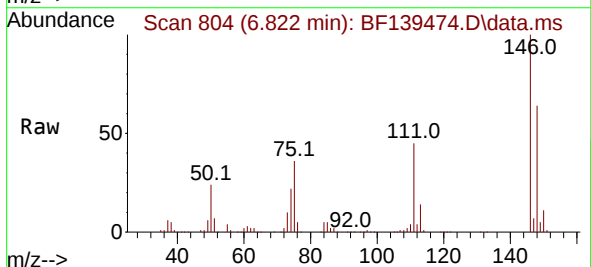
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Supervised By :mohammad
ahmed

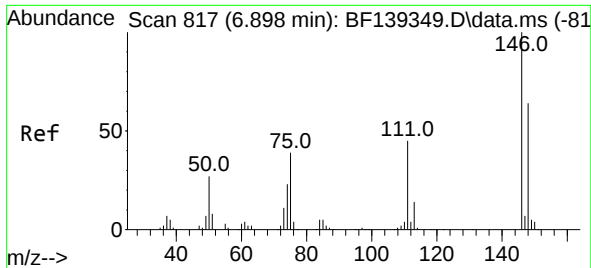
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#12
1,3-Dichlorobenzene
Concen: 40.760 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:146 Resp: 219985
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 36.0 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 41.661 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD

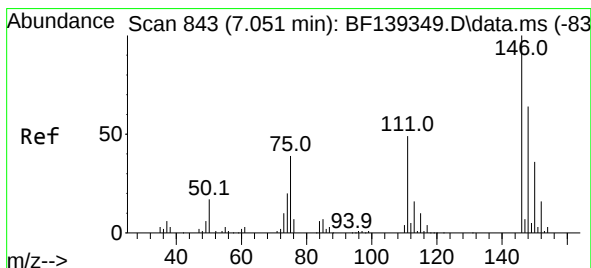
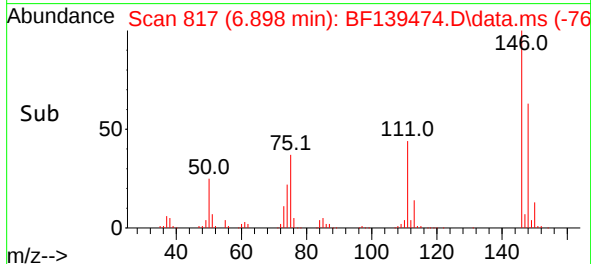
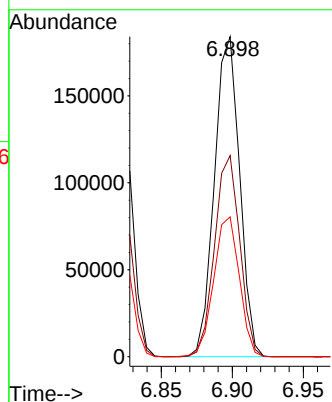
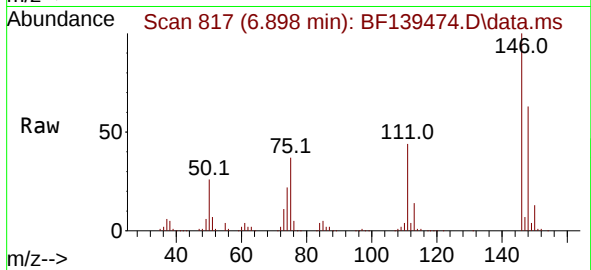
Tgt Ion:146 Resp: 227219
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 43.7 36.3 54.5

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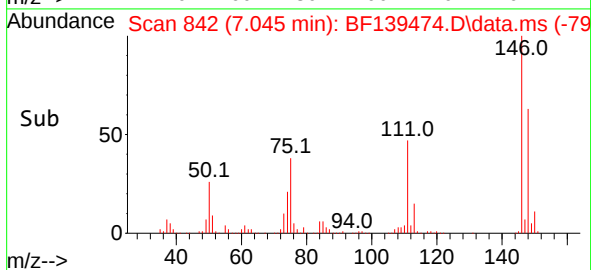
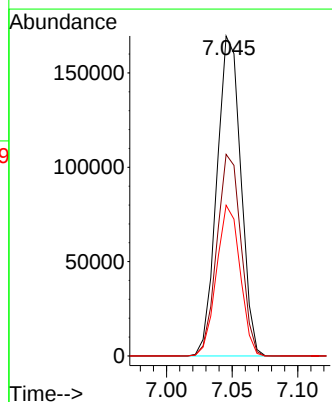
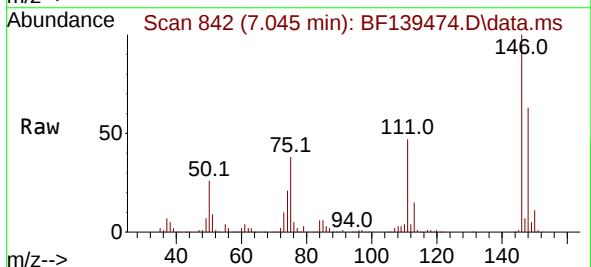
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ahmed

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#14
1,2-Dichlorobenzene
Concen: 41.774 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

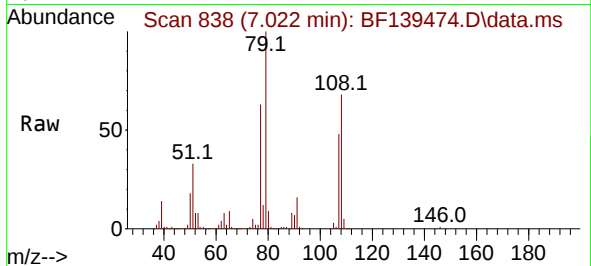
Tgt Ion:146 Resp: 215284
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 47.1 38.9 58.3





#15
Benzyl Alcohol
Concen: 46.554 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



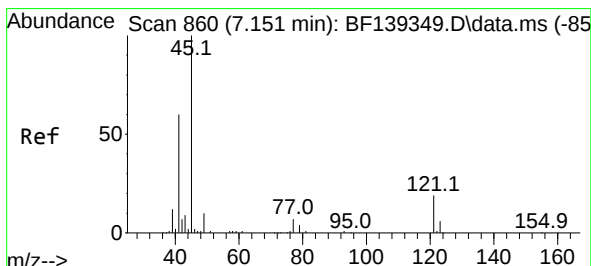
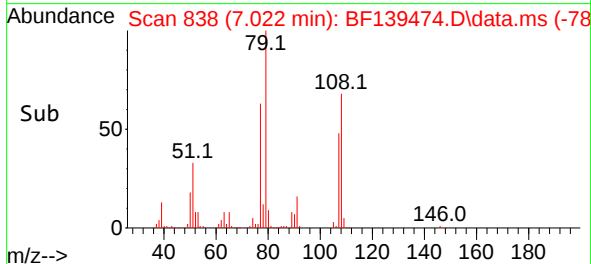
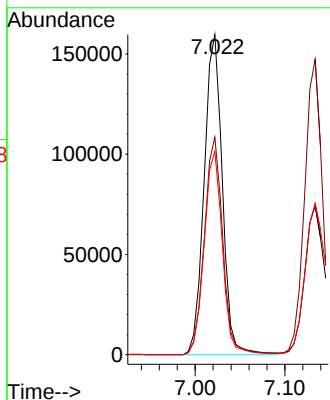
Tgt Ion: 79 Resp: 22475
Ion Ratio Lower Upper
79 100
108 68.0 50.4 75.6
77 63.5 51.4 77.2

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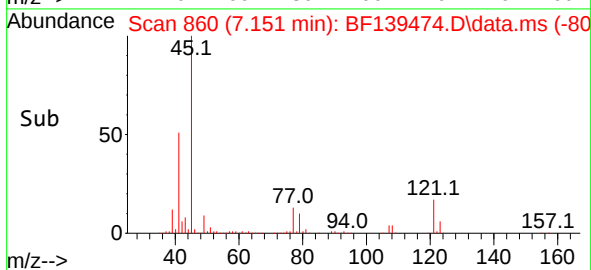
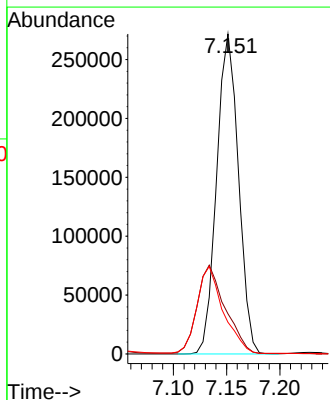
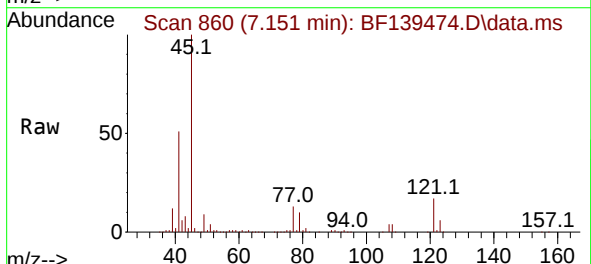
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Supervised By :mohammad
ahmed

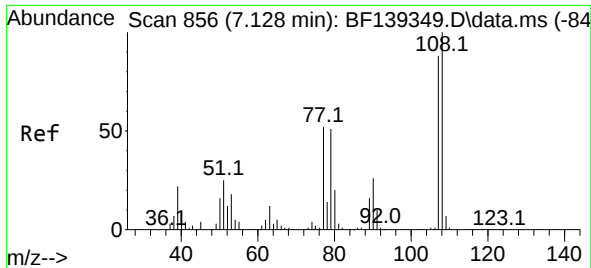
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.505 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

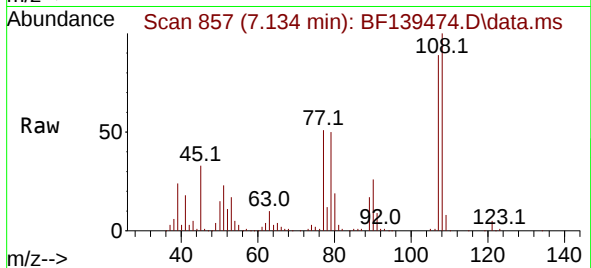
Tgt Ion: 45 Resp: 386258
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.0
79 9.9 0.0 29.1





#17
2-Methylphenol
Concen: 47.079 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



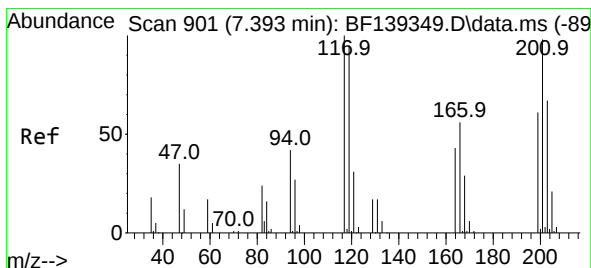
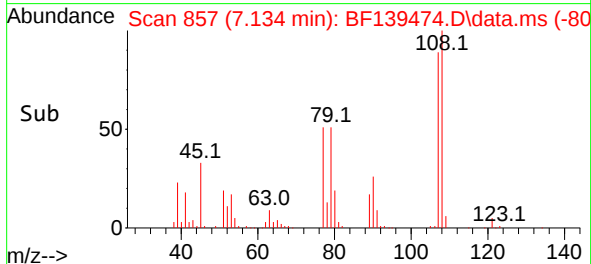
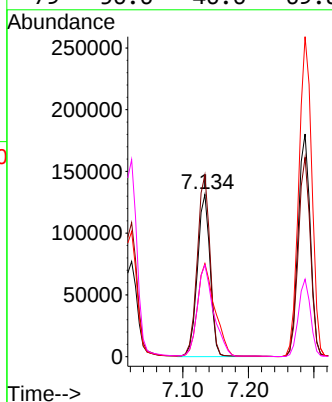
Tgt Ion:107 Resp: 177509
Ion Ratio Lower Upper
107 100
108 112.1 90.5 135.7
77 57.4 47.1 70.7
79 56.6 46.6 69.8

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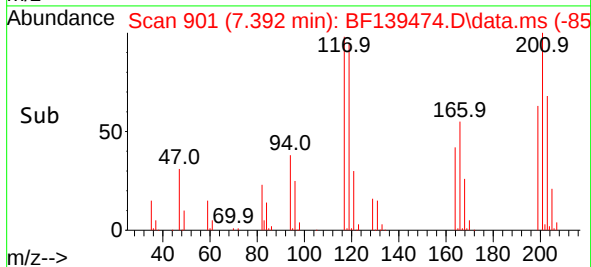
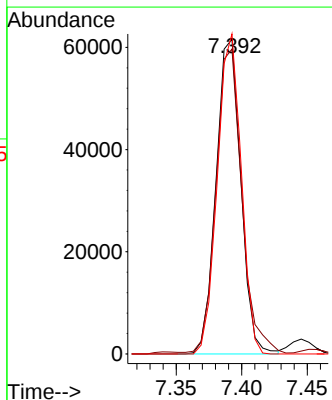
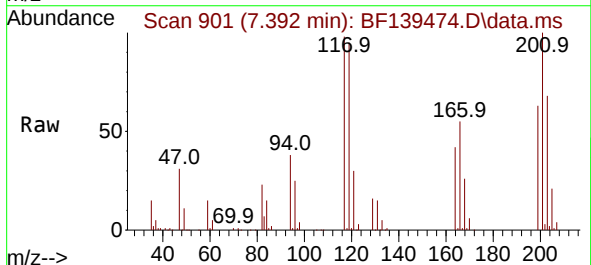
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Supervised By :mohammad
ahmed

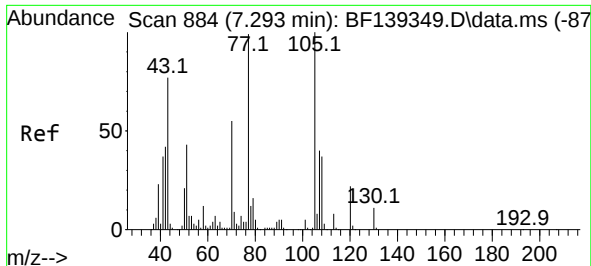
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#18
Hexachloroethane
Concen: 38.874 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

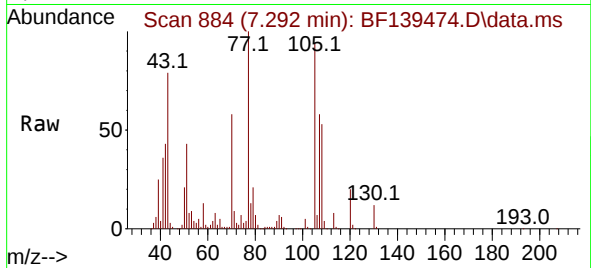
Tgt Ion:117 Resp: 80755
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 101.7 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 50.139 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



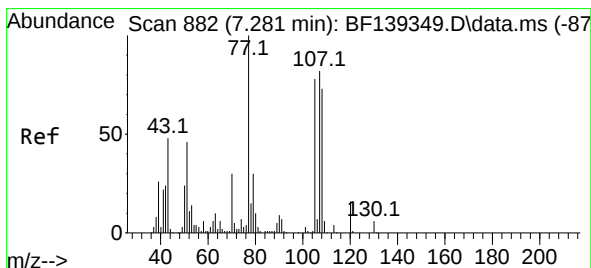
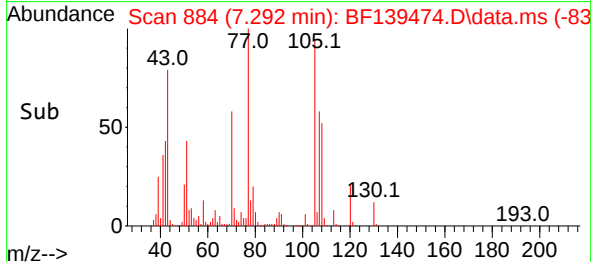
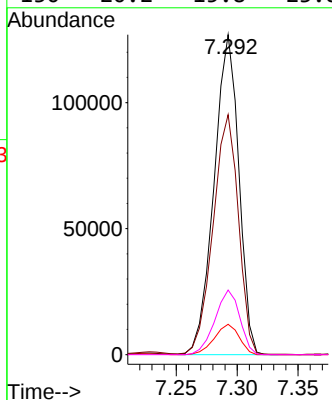
Tgt Ion: 70 Resp: 179792
Ion Ratio Lower Upper
70 100
42 75.0 61.2 91.8
101 9.5 7.5 11.3
130 20.2 15.8 23.8

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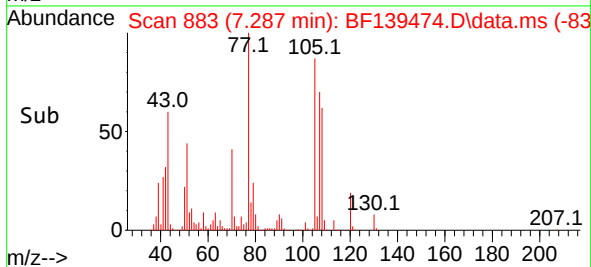
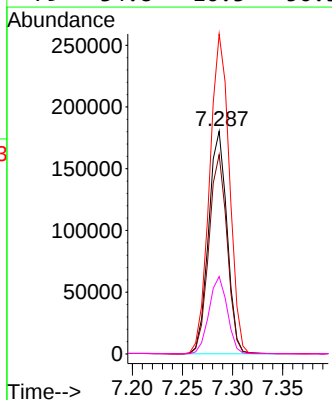
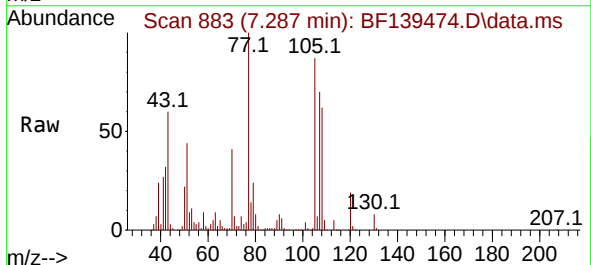
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Supervised By :mohammad
ahmed

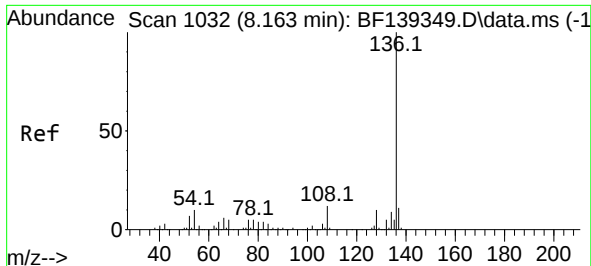
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#20
3+4-Methylphenols
Concen: 44.912 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

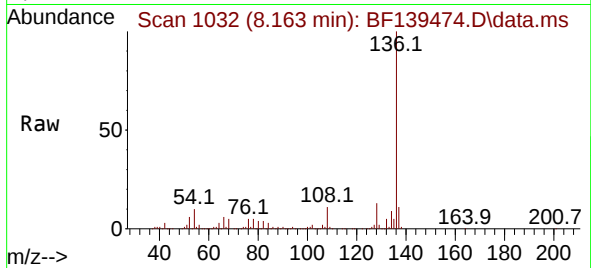
Tgt Ion:107 Resp: 231031
Ion Ratio Lower Upper
107 100
108 89.5 68.6 108.6
77 143.7 101.6 141.6#
79 34.8 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



Tgt Ion:136 Resp: 27932

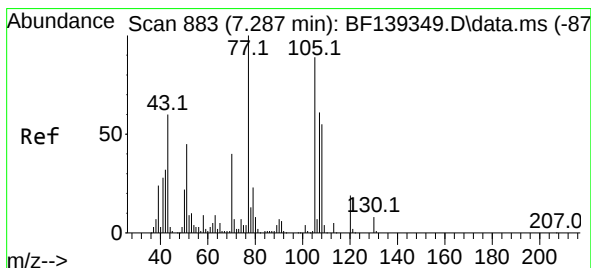
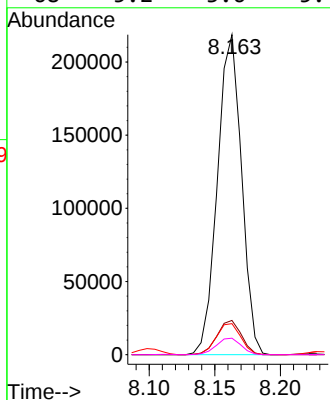
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.7	7.8	11.8
68	5.2	3.6	5.4

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Supervised By :mohammad
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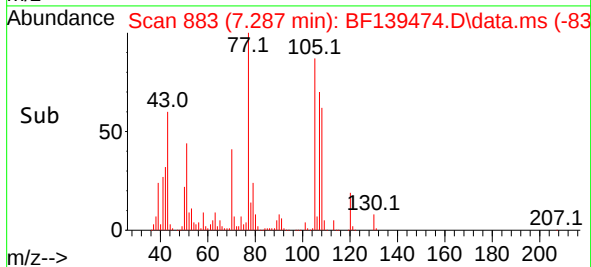
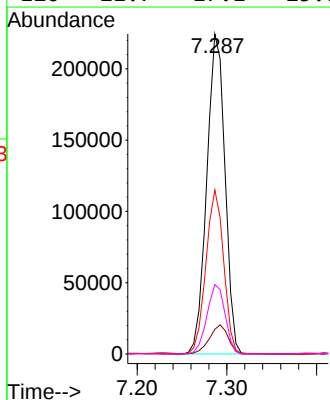
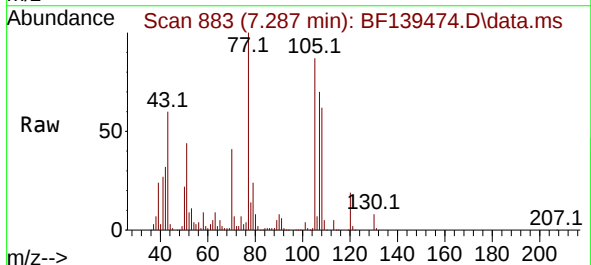
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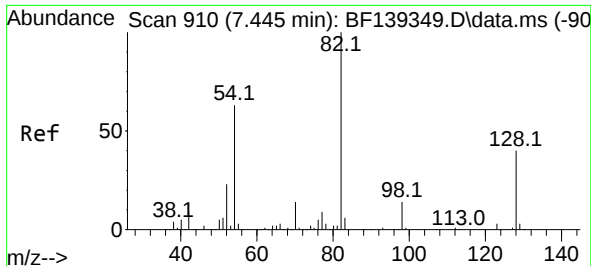


#22
Acetophenone
Concen: 43.317 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:105 Resp: 316314

Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.9	8.9
51	51.3	40.0	60.0
120	21.7	17.1	25.7





#23

Nitrobenzene-d5

Concen: 87.567 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139474.D

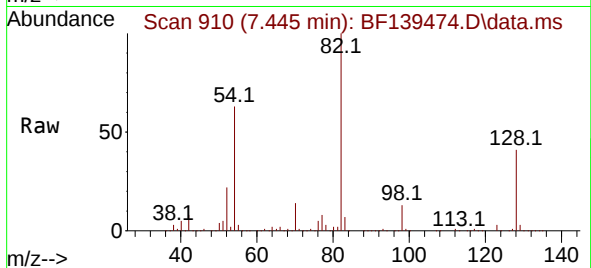
Acq: 19 Sep 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MSD



Tgt Ion: 82 Resp: 520290

Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.8	47.6
54	63.2	50.6	75.8

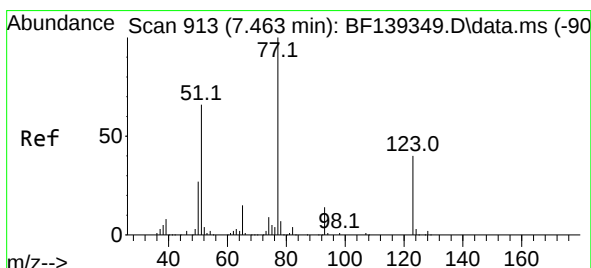
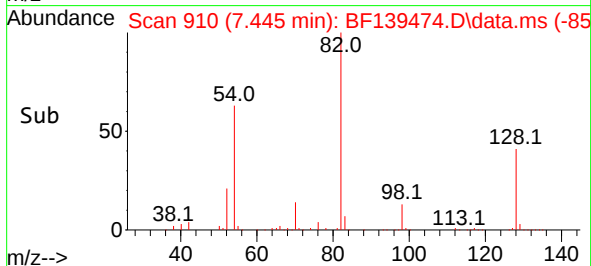
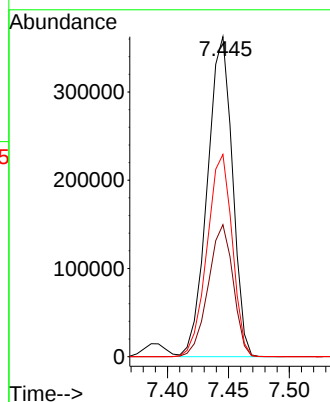
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#24

Nitrobenzene

Concen: 42.749 ng

RT: 7.463 min Scan# 913

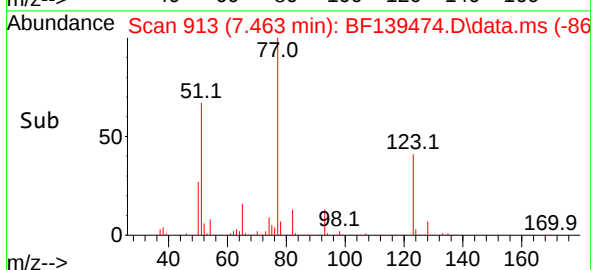
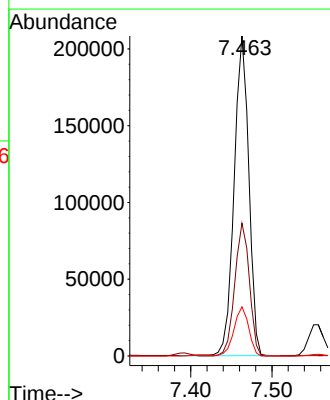
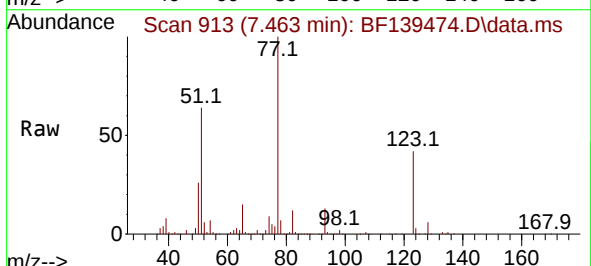
Delta R.T. -0.000 min

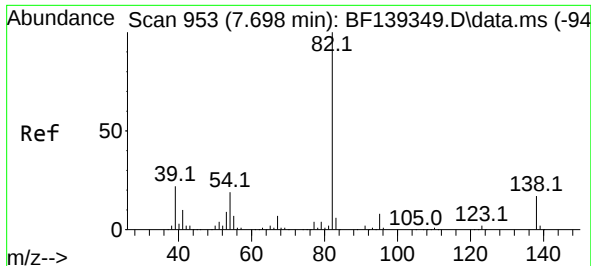
Lab File: BF139474.D

Acq: 19 Sep 2024 20:18

Tgt Ion: 77 Resp: 261416

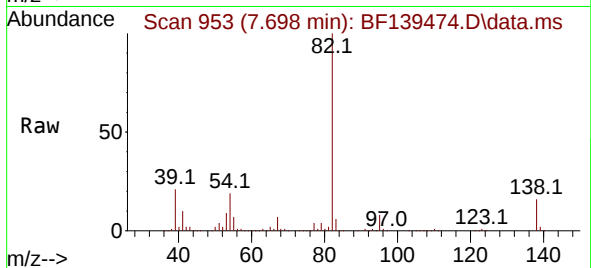
Ion	Ratio	Lower	Upper
77	100		
123	41.5	32.2	48.4
65	15.3	12.2	18.4





#25
Isophorone
Concen: 51.685 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



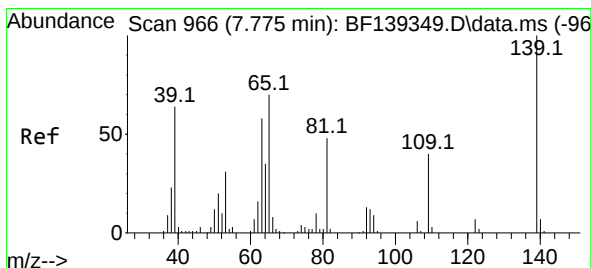
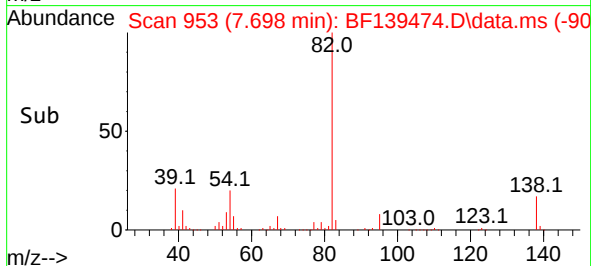
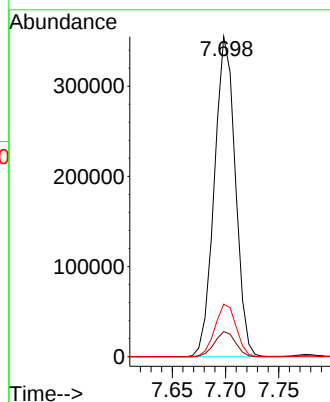
Tgt Ion: 82 Resp: 48567
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 16.4 13.3 19.9

Manual Integrations
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Patel

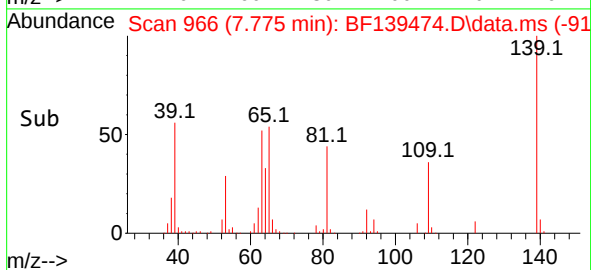
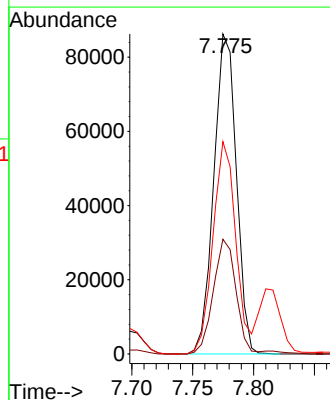
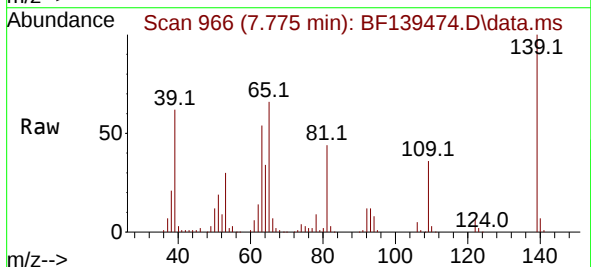
09/21/2024
Supervised By :mohammad
ahmed

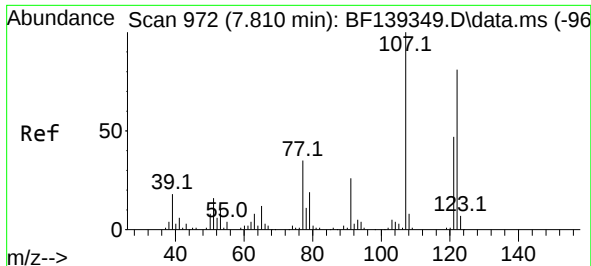
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#26
2-Nitrophenol
Concen: 46.656 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

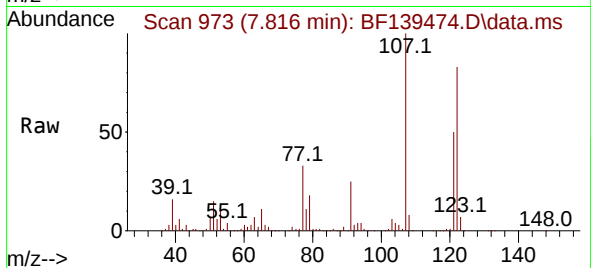
Tgt Ion:139 Resp: 111156
Ion Ratio Lower Upper
139 100
109 35.9 32.2 48.2
65 66.3 55.8 83.8





#27
2,4-Dimethylphenol
Concen: 60.156 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



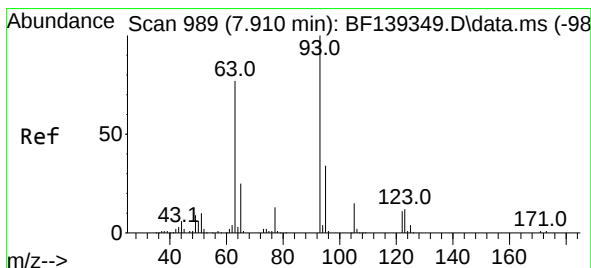
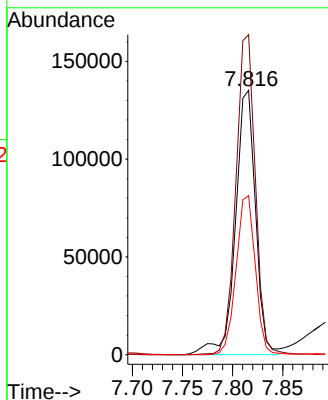
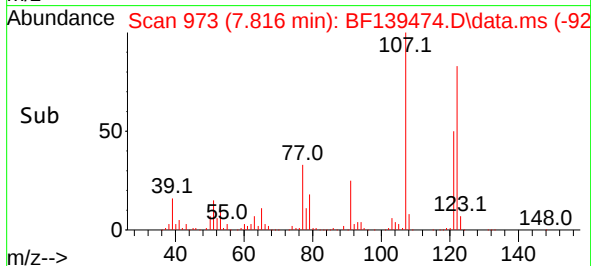
Tgt Ion:122 Resp: 189049
Ion Ratio Lower Upper
122 100
107 121.1 99.1 148.7
121 60.2 46.6 70.0

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Patel

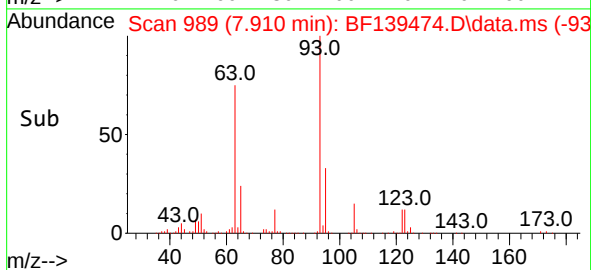
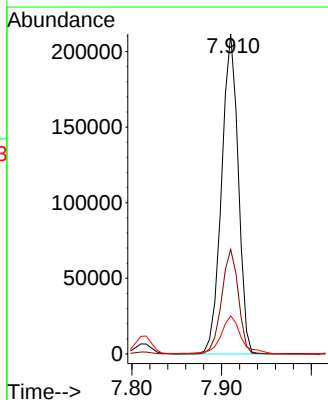
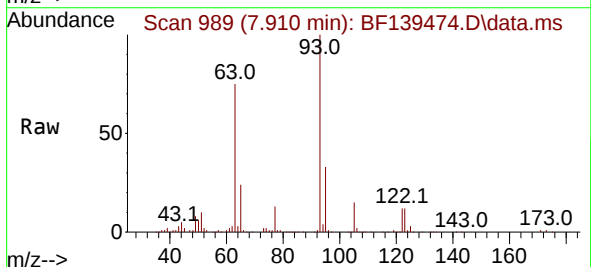
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Supervised By :mohammad
ahmed

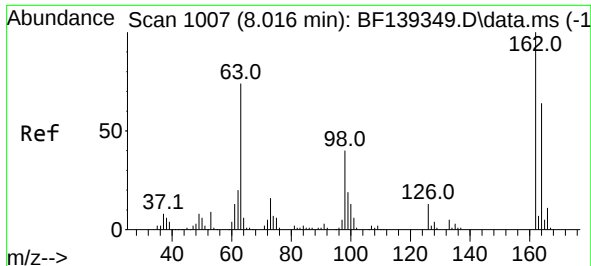
09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.888 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion: 93 Resp: 272527
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 47.869 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139474.D

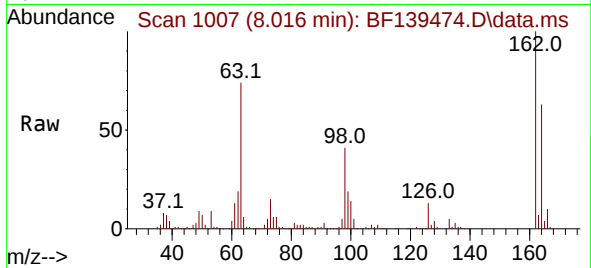
Acq: 19 Sep 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MSD



Tgt Ion:	162	Resp:	19111
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.6	83.6
98	40.9	19.7	59.7

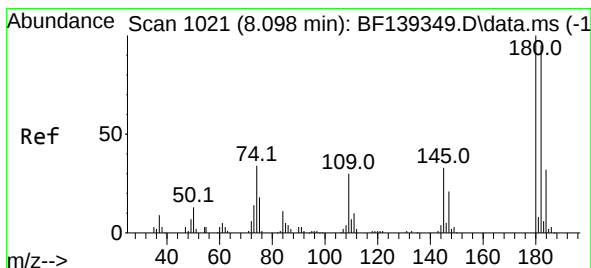
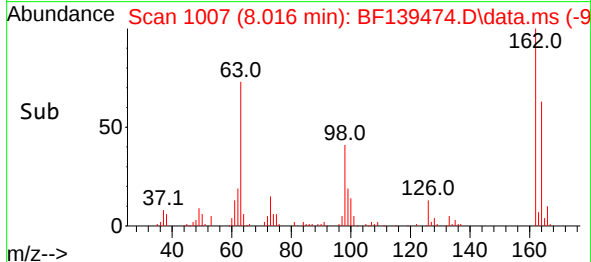
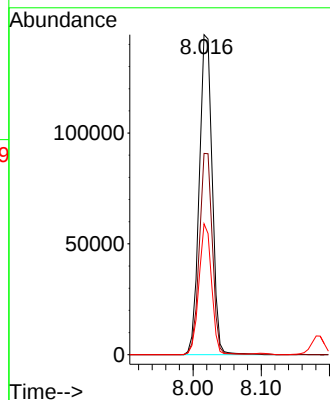
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

09/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.855 ng

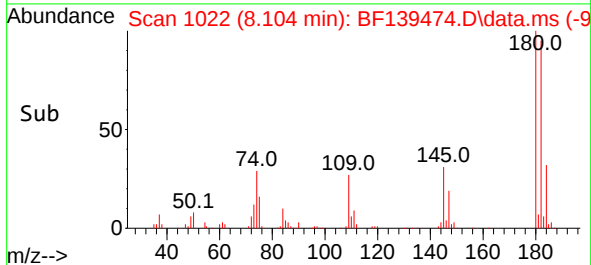
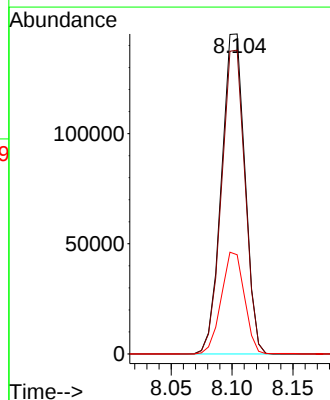
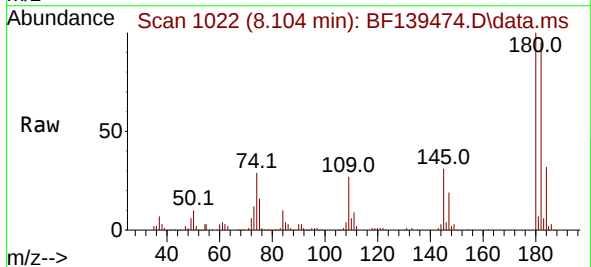
RT: 8.104 min Scan# 1022

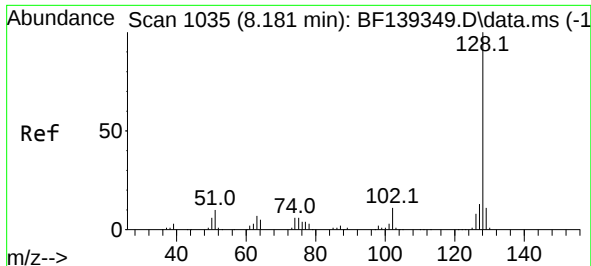
Delta R.T. 0.006 min

Lab File: BF139474.D

Acq: 19 Sep 2024 20:18

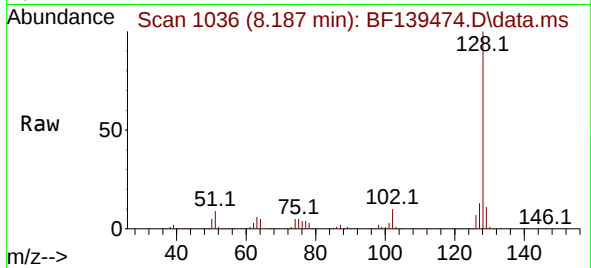
Tgt Ion:	180	Resp:	194702
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.7	113.5
145	31.0	26.5	39.7





#31
Naphthalene
Concen: 44.835 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



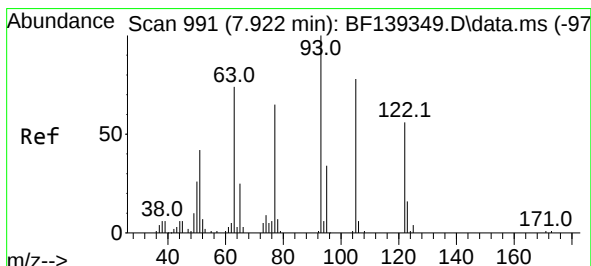
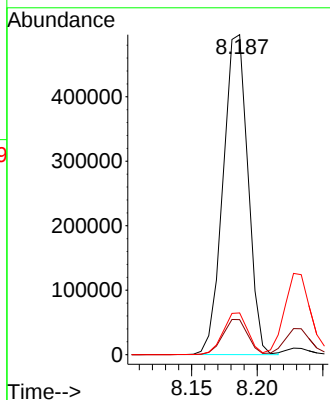
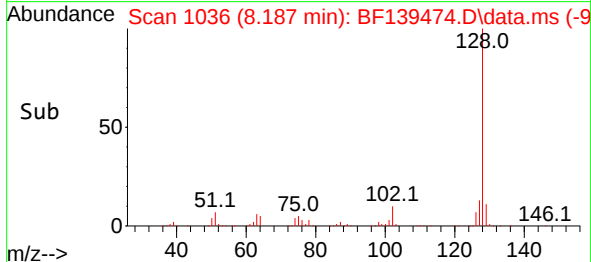
Tgt Ion:128 Resp: 65380
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.6 16.0

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Reviewed By :Yogesh
Patel

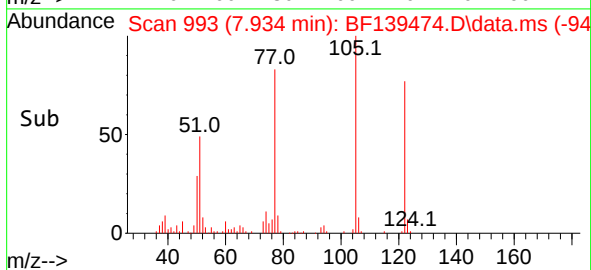
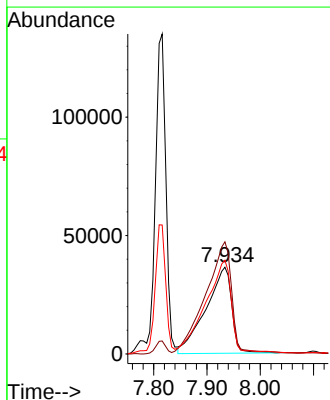
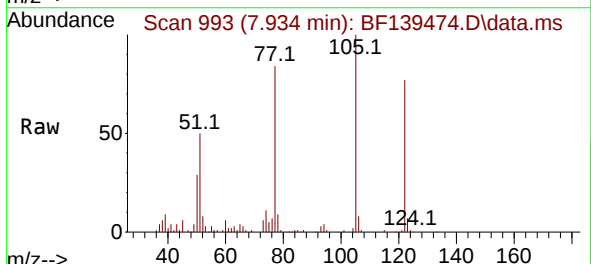
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Supervised By :mohammad
ahmed

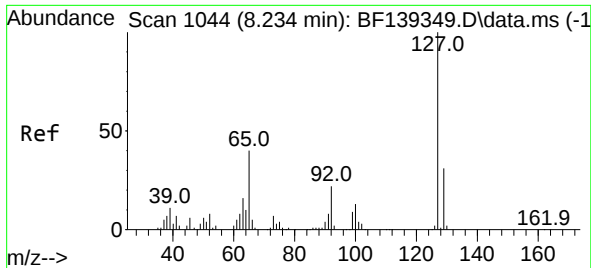
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#32
Benzoic acid
Concen: 41.525 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

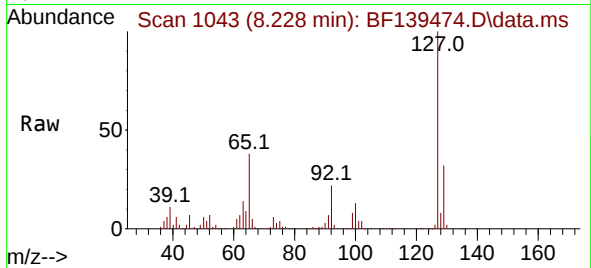
Tgt Ion:122 Resp: 122125
Ion Ratio Lower Upper
122 100
105 129.4 117.1 157.1
77 108.2 95.4 135.4





#33
4-Chloroaniline
Concen: 41.050 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



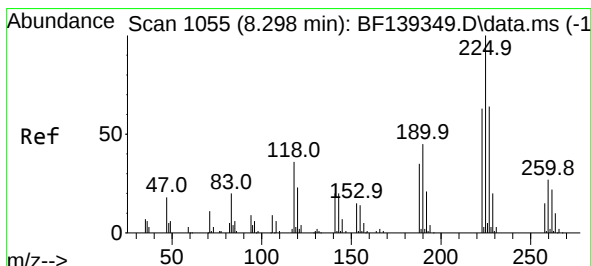
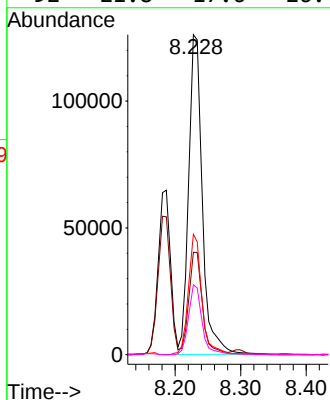
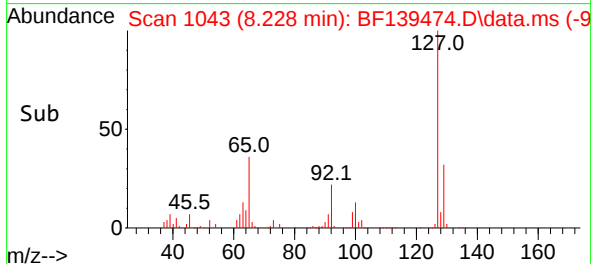
Tgt Ion:127 Resp: 183128
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 37.7 31.5 47.3
92 21.8 17.6 26.4

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Reviewed By :Yogesh
Patel

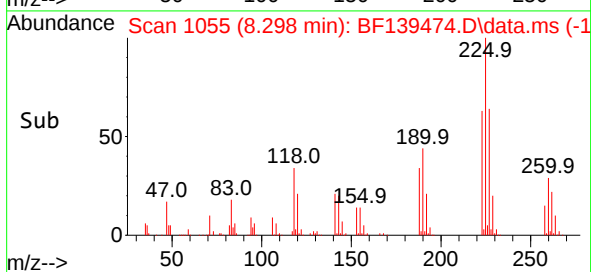
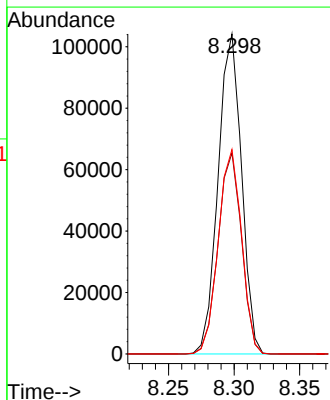
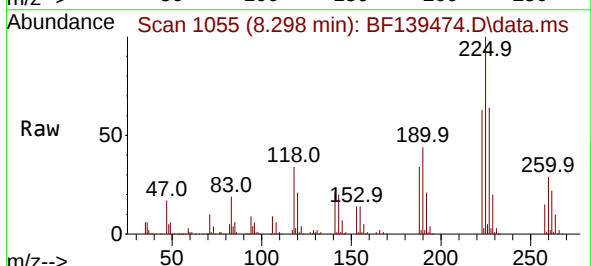
09/21/2024
Supervised By :mohammad
ahmed

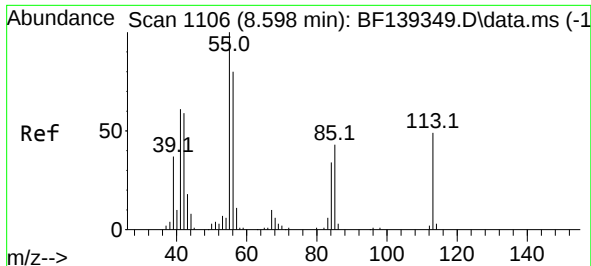
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#34
Hexachlorobutadiene
Concen: 40.938 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:225 Resp: 129381
Ion Ratio Lower Upper
225 100
223 62.8 50.1 75.1
227 63.9 51.0 76.6





#35
Caprolactam
Concen: 41.118 ng m
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD

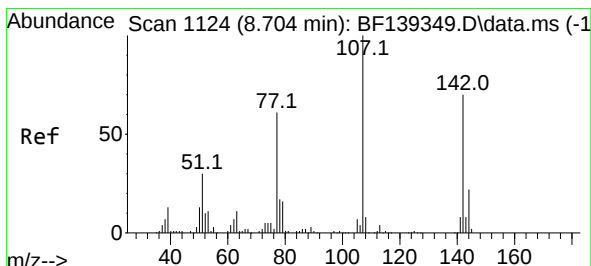
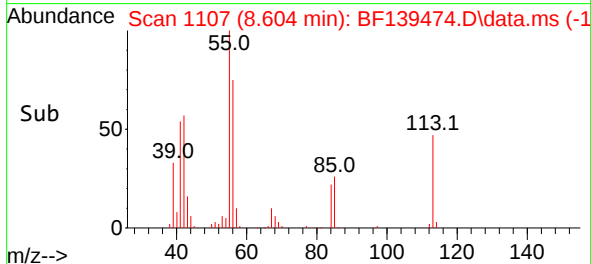
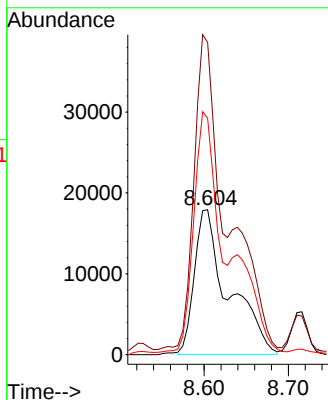
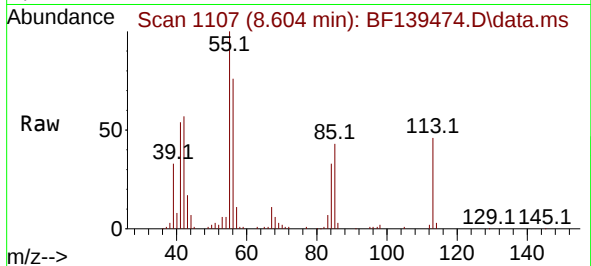
Tgt Ion:113 Resp: 50498
Ion Ratio Lower Upper
113 100
55 215.6 186.1 226.1
56 163.1 144.9 184.9

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Patel

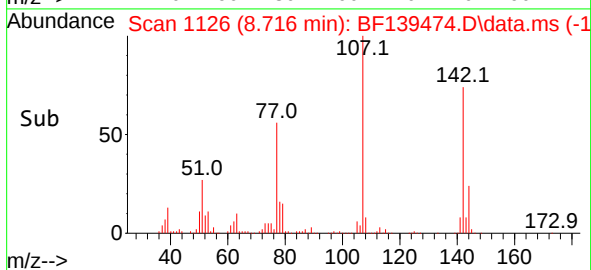
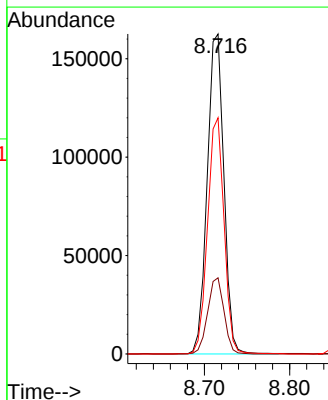
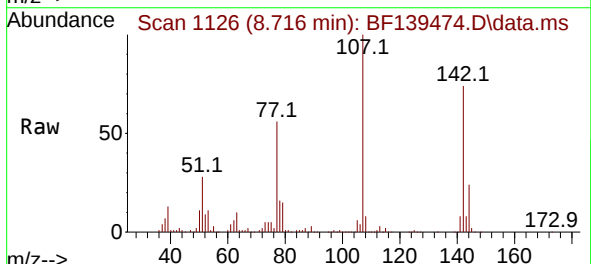
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Supervised By :mohammad
ahmed

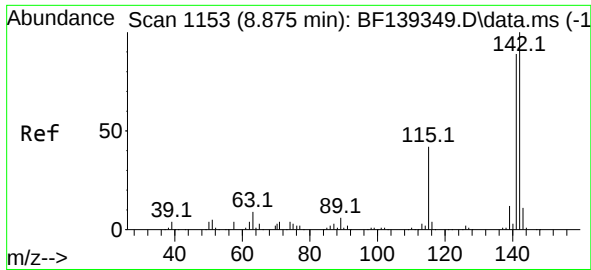
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#36
4-Chloro-3-methylphenol
Concen: 48.437 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:107 Resp: 221006
Ion Ratio Lower Upper
107 100
144 23.8 17.5 26.3
142 73.8 55.8 83.8





#37
2-Methylnaphthalene
Concen: 47.225 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD

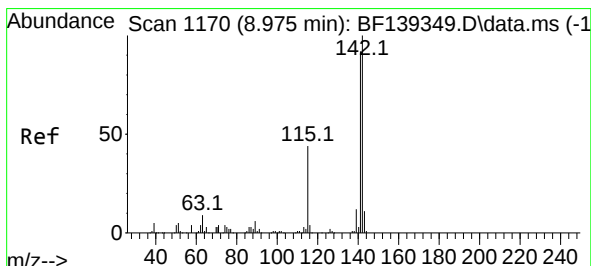
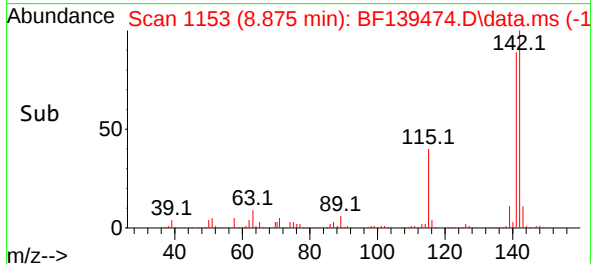
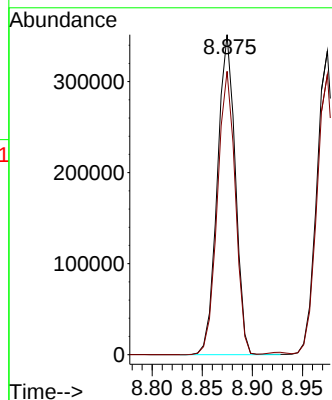
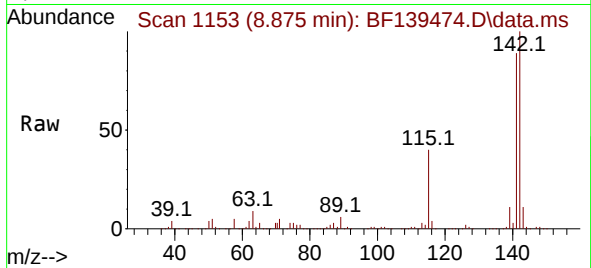
Tgt Ion:142 Resp: 437111
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4

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Reviewed By :Yogesh
Patel

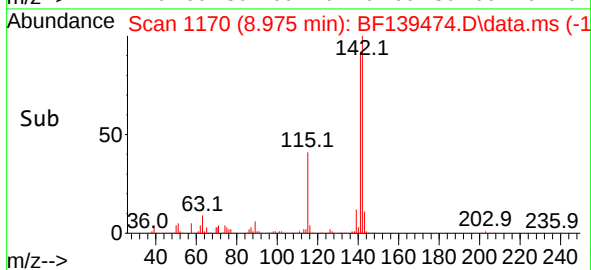
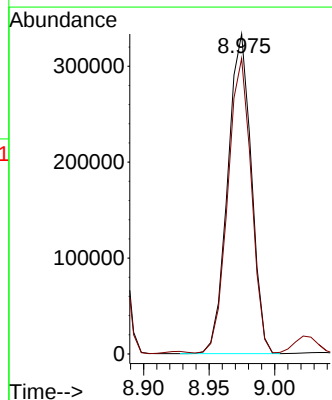
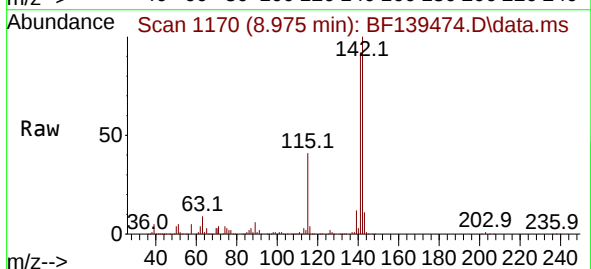
09/21/2024
Supervised By :mohammad
ahmed

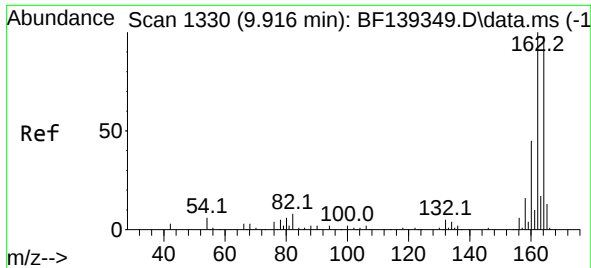
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#38
1-Methylnaphthalene
Concen: 46.040 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

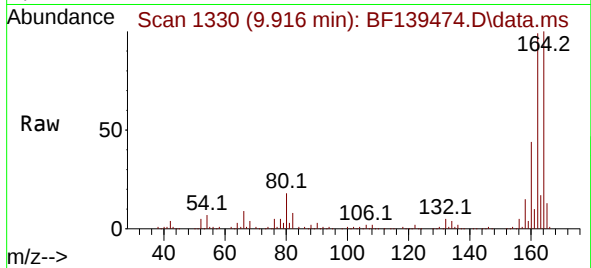
Tgt Ion:142 Resp: 418376
Ion Ratio Lower Upper
142 100
141 92.3 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



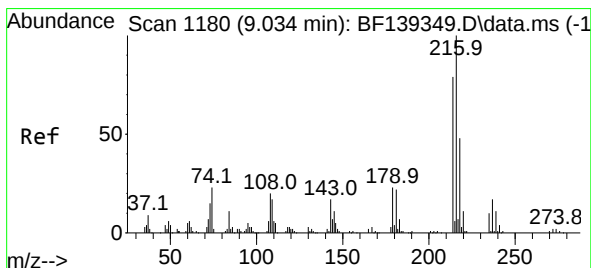
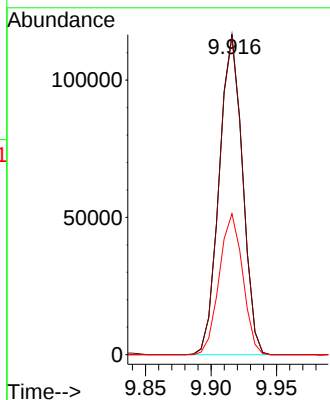
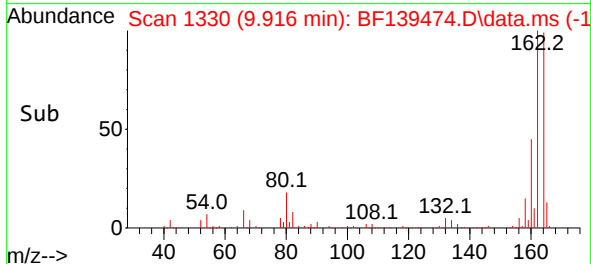
Tgt Ion:164 Resp: 144162
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 44.1 36.4 54.6

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Reviewed By :Yogesh
Patel

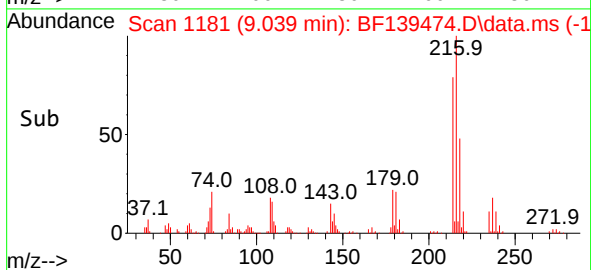
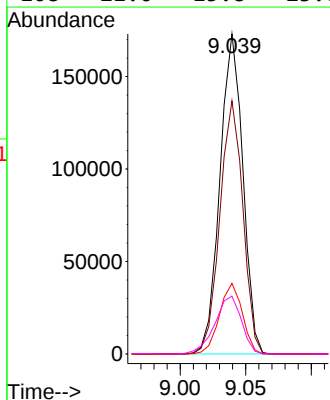
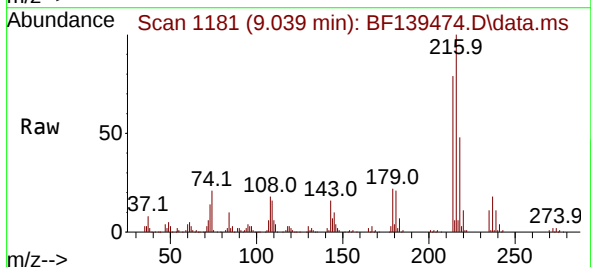
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Supervised By :mohammad
ahmed

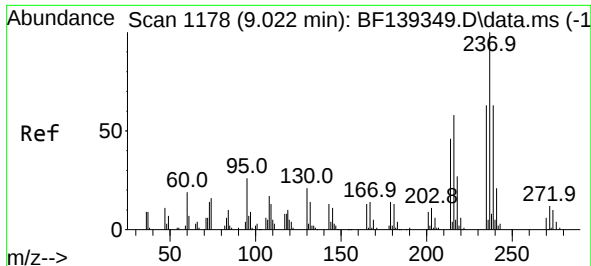
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.191 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

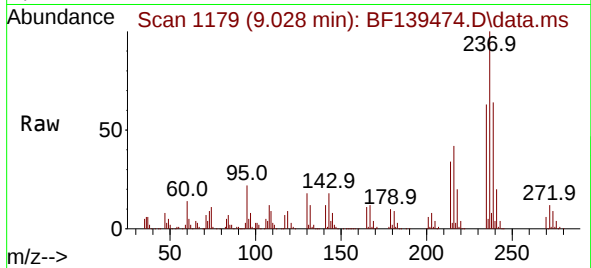
Tgt Ion:216 Resp: 210169
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 22.0 18.2 27.2
108 21.0 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 131.427 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



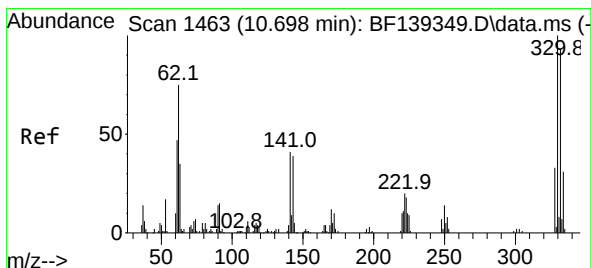
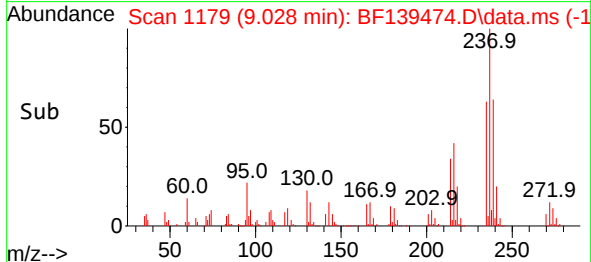
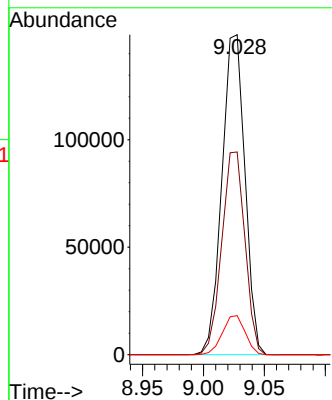
Tgt Ion:237 Resp: 196060
Ion Ratio Lower Upper
237 100
235 63.3 42.7 82.7
272 12.2 0.0 32.5

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Patel

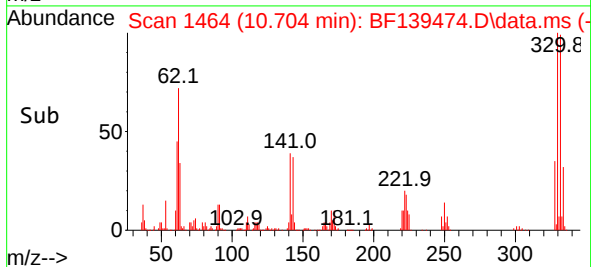
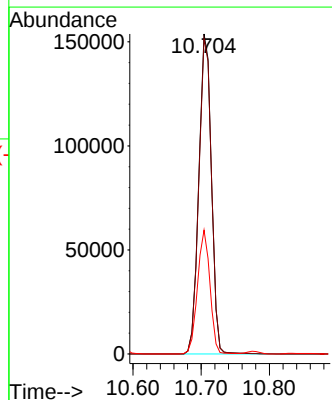
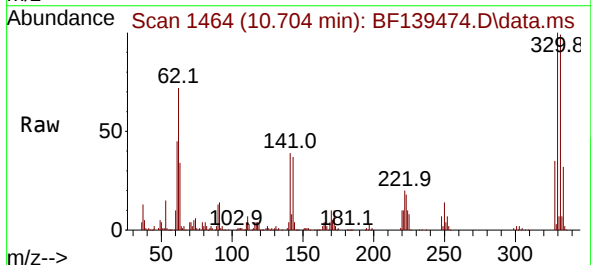
09/21/2024
Supervised By :mohammad
ahmed

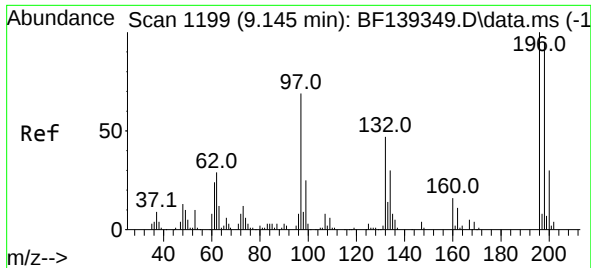
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#42
2,4,6-Tribromophenol
Concen: 128.064 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

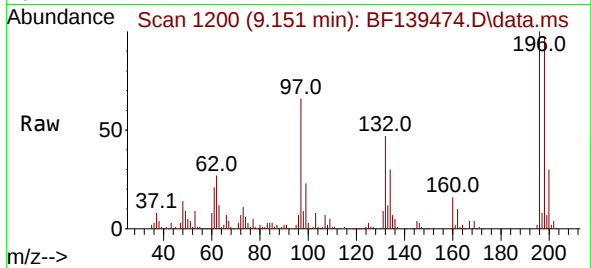
Tgt Ion:330 Resp: 196550
Ion Ratio Lower Upper
330 100
332 98.8 75.2 112.8
141 38.2 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 52.608 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



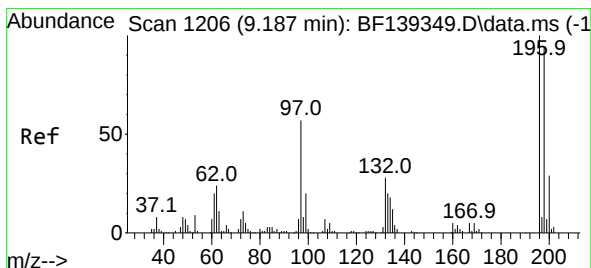
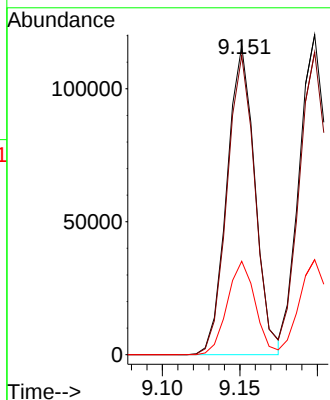
Tgt Ion:196 Resp: 146234
Ion Ratio Lower Upper
196 100
198 96.8 75.8 113.6
200 30.3 24.1 36.1

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Patel

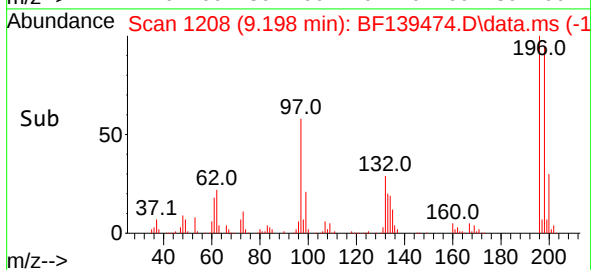
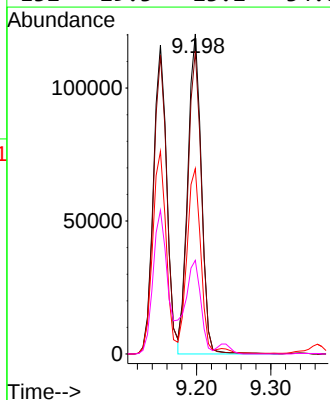
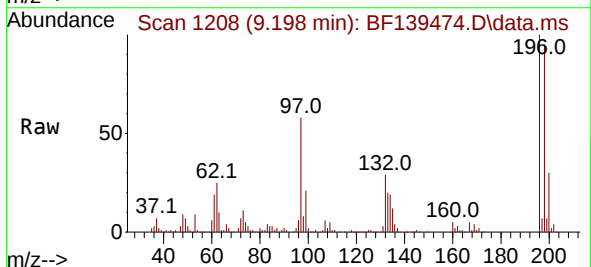
09/21/2024
Supervised By :mohammad
ahmed

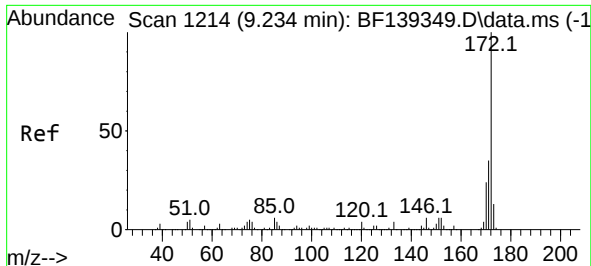
09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 52.356 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:196 Resp: 153512
Ion Ratio Lower Upper
196 100
198 94.6 74.8 112.2
97 57.9 47.3 70.9
132 29.3 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 95.850 ng

RT: 9.239 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF139474.D

Acq: 19 Sep 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MSD

Tgt Ion:172 Resp: 985220

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.6

Manual Integrations

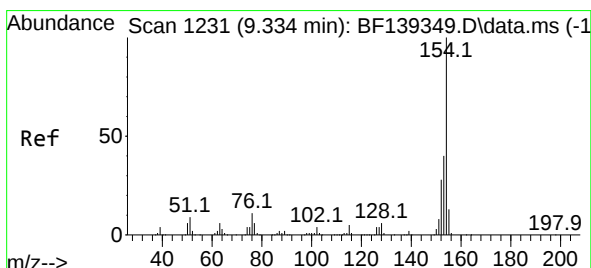
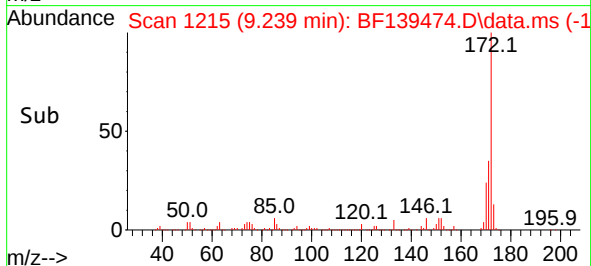
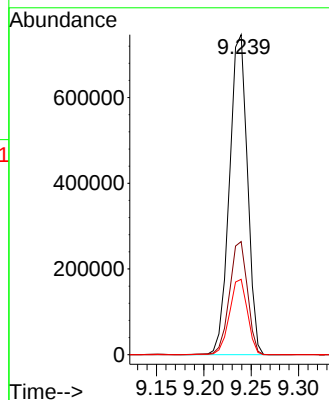
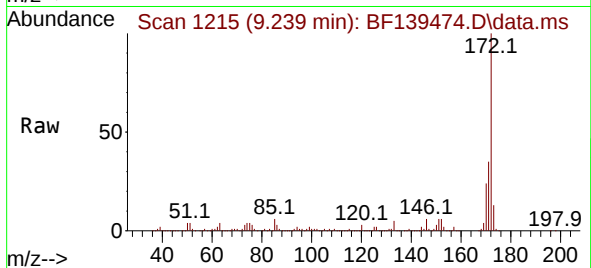
APPROVED

Reviewed By :Yogesh
Patel

09/21/2024

Supervised By :mohammad
ahmed

09/22/2024



#46

1,1'-Biphenyl

Concen: 50.194 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139474.D

Acq: 19 Sep 2024 20:18

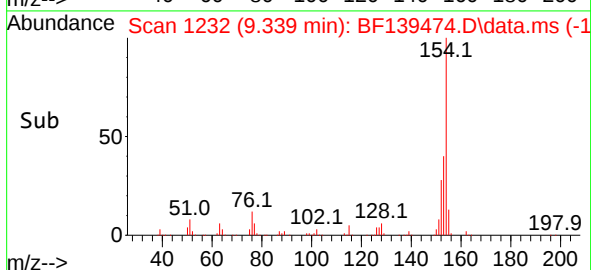
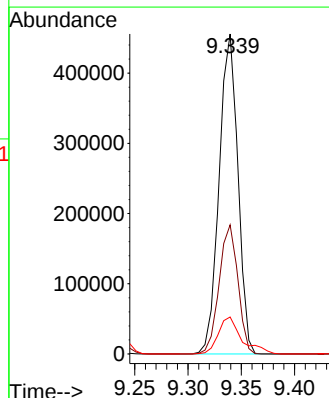
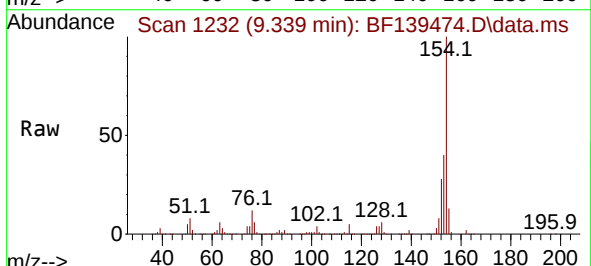
Tgt Ion:154 Resp: 556691

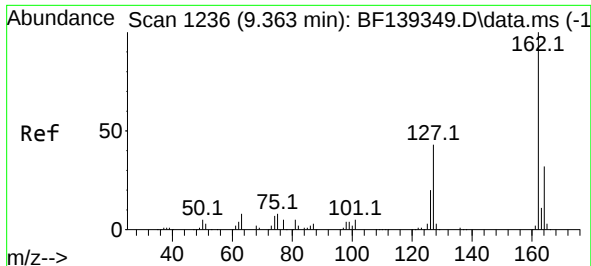
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 49.001 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139474.D

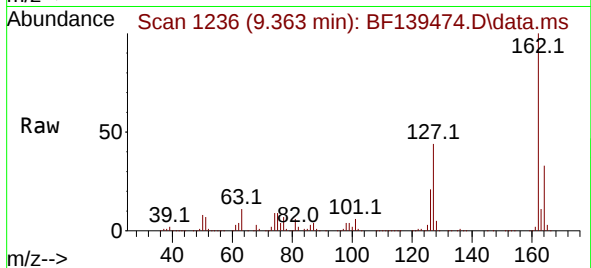
Acq: 19 Sep 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MSD



Tgt Ion:	162	Resp:	406340
Ion Ratio	Lower	Upper	
162	100		
127	44.1	35.0	52.4
164	32.8	25.8	38.6

Manual Integrations

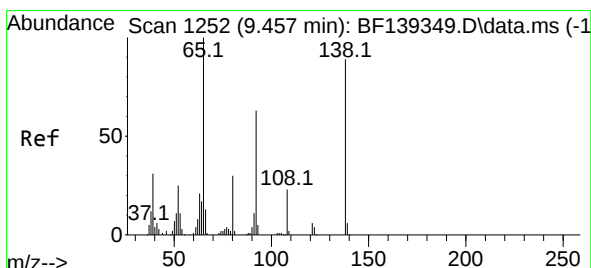
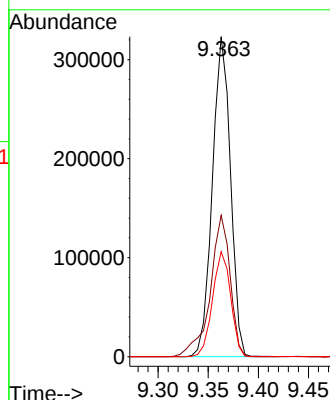
APPROVED

Reviewed By :Yogesh
Patel

09/21/2024

Supervised By :mohammad
ahmed

09/22/2024



#48

2-Nitroaniline

Concen: 53.387 ng

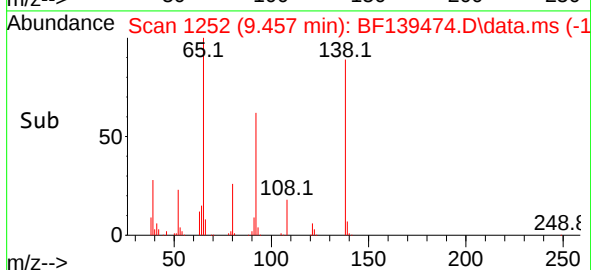
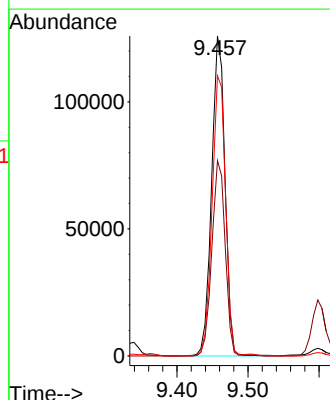
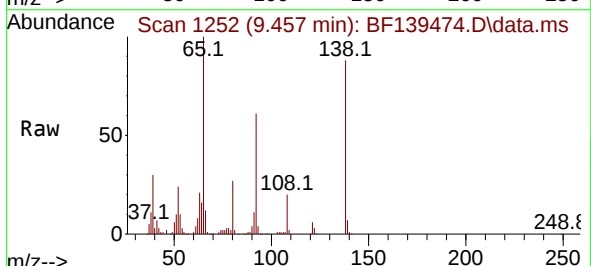
RT: 9.457 min Scan# 1252

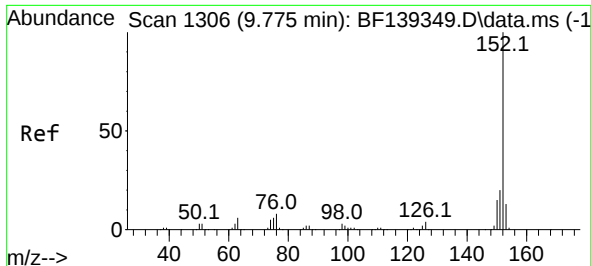
Delta R.T. -0.000 min

Lab File: BF139474.D

Acq: 19 Sep 2024 20:18

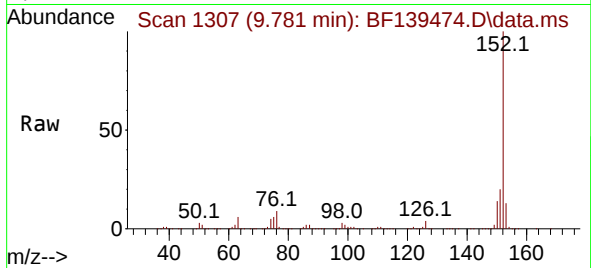
Tgt Ion:	65	Resp:	164665
Ion Ratio	Lower	Upper	
65	100		
92	61.1	50.3	75.5
138	87.6	71.3	106.9





#49
Acenaphthylene
Concen: 52.780 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



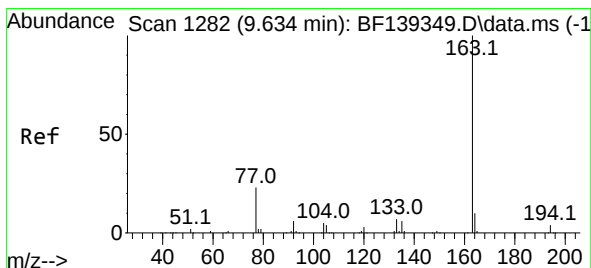
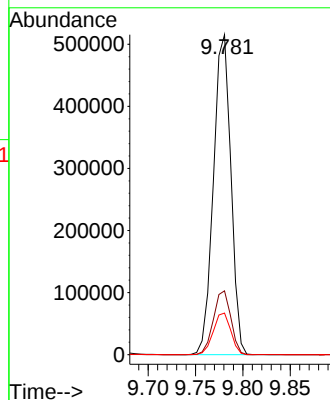
Tgt Ion:152 Resp: 658840
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.0 10.3 15.5

Manual Integrations
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Reviewed By :Yogesh
Patel

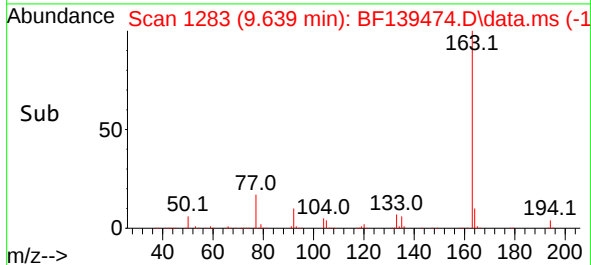
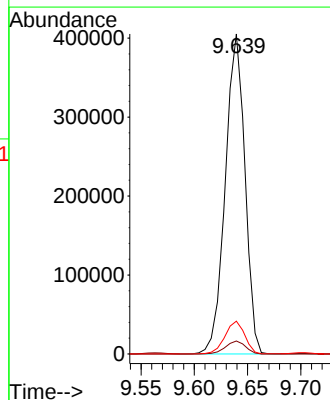
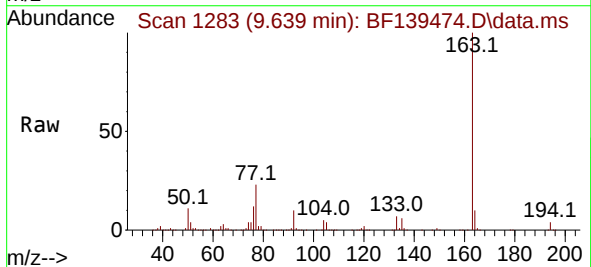
09/21/2024
Supervised By :mohammad
ahmed

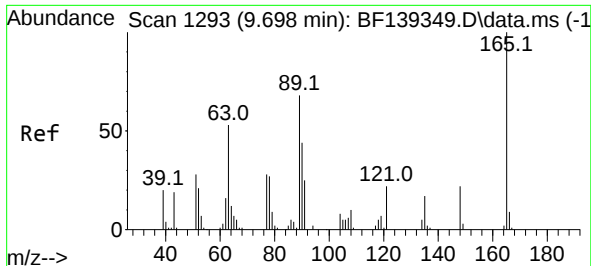
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#50
Dimethylphthalate
Concen: 54.933 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

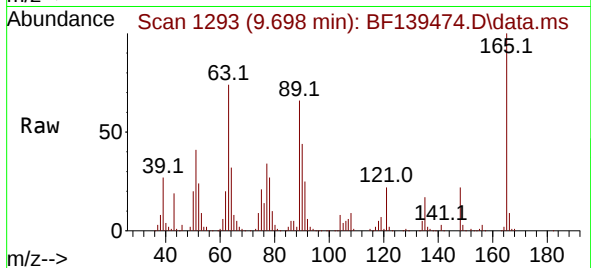
Tgt Ion:163 Resp: 519777
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.437 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



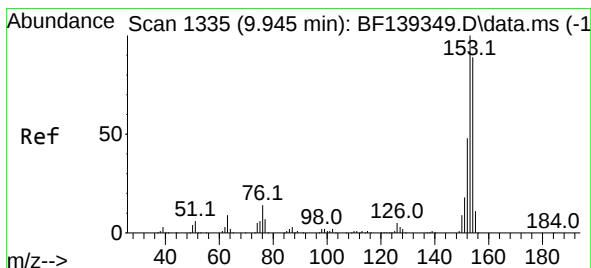
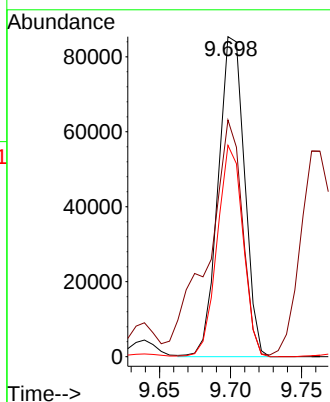
Tgt Ion:165 Resp: 109914
Ion Ratio Lower Upper
165 100
63 73.9 60.9 91.3
89 66.0 54.7 82.1

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Reviewed By :Yogesh
Patel

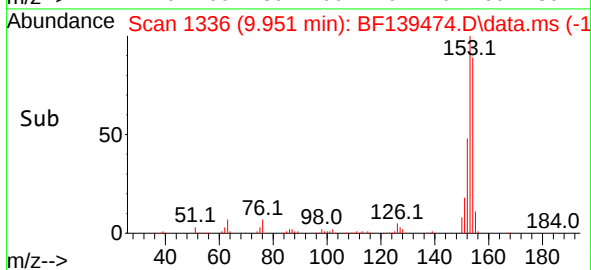
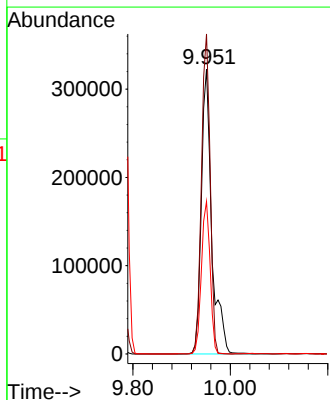
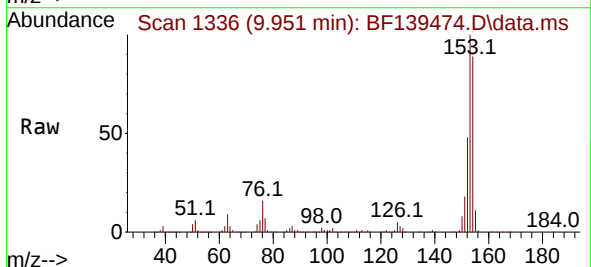
09/21/2024
Supervised By :mohammad
ahmed

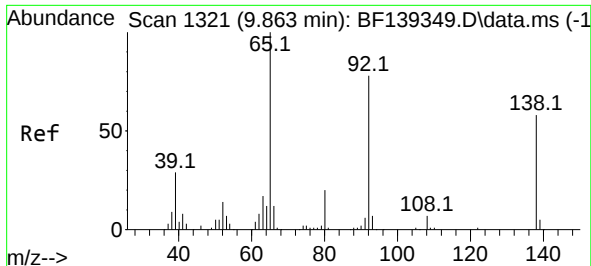
09/22/2024



#52
Acenaphthene
Concen: 54.958 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:154 Resp: 478796
Ion Ratio Lower Upper
154 100
153 112.4 89.5 134.3
152 53.6 42.6 64.0





#53
3-Nitroaniline
Concen: 45.083 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD

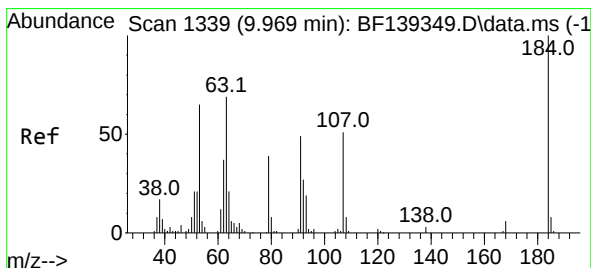
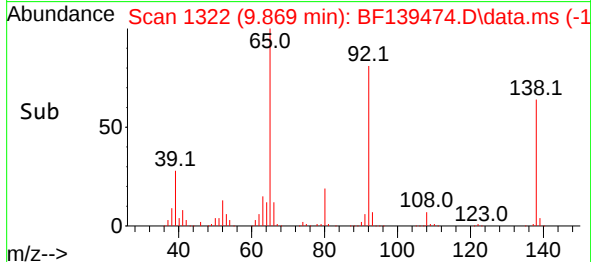
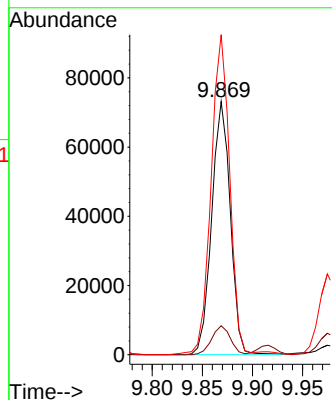
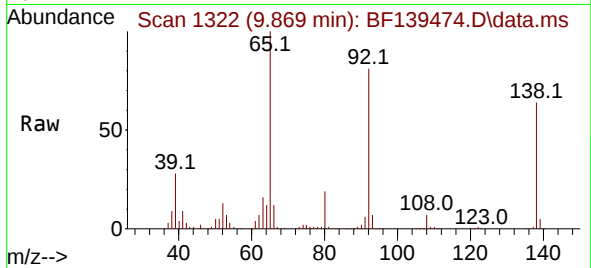
Tgt Ion:138 Resp: 94440
Ion Ratio Lower Upper
138 100
108 11.5 9.8 14.8
92 126.4 107.4 161.2

Manual Integrations
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Reviewed By :Yogesh
Patel

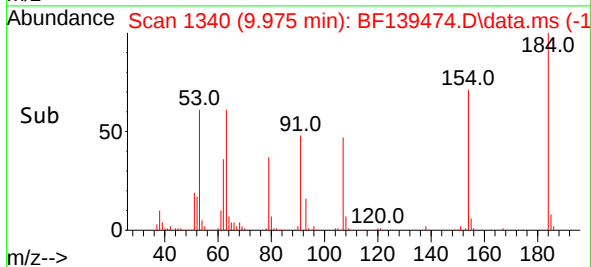
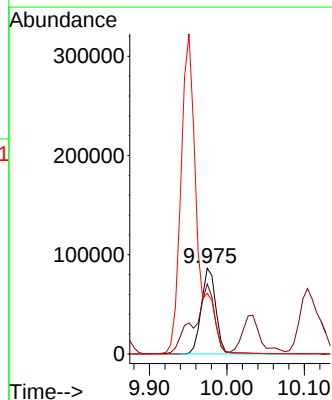
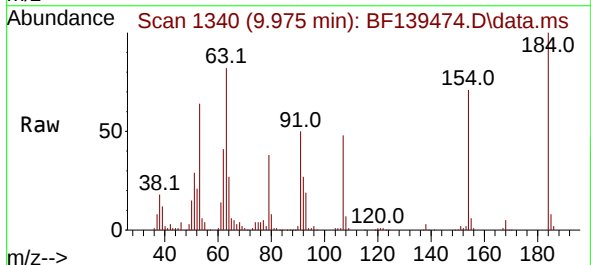
09/21/2024
Supervised By :mohammad
ahmed

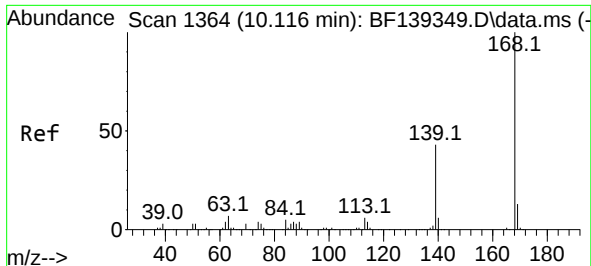
09/22/2024



#54
2,4-Dinitrophenol
Concen: 97.463 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

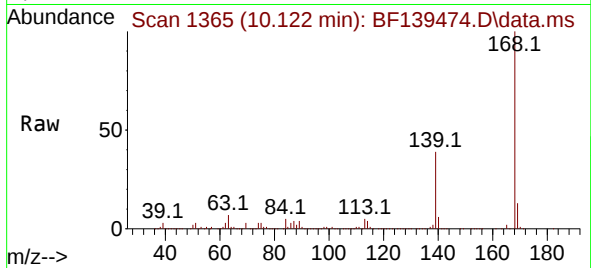
Tgt Ion:184 Resp: 113837
Ion Ratio Lower Upper
184 100
63 81.6 69.3 103.9
154 70.6 67.5 101.3





#55
Dibenzenofuran
Concen: 50.760 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



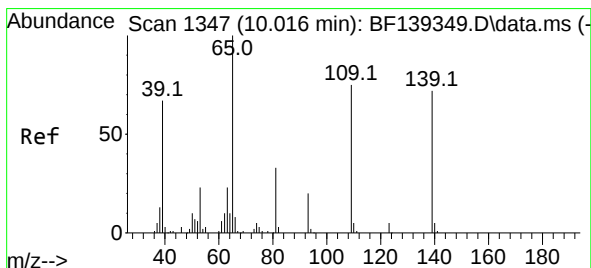
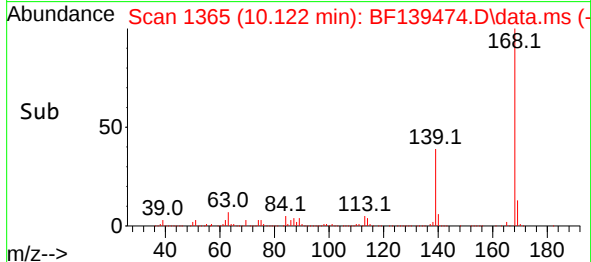
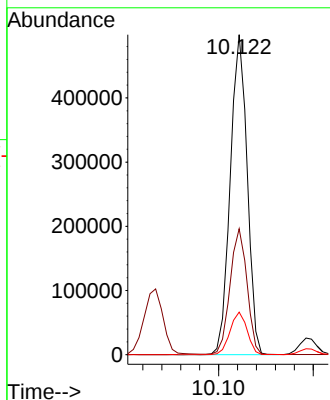
Tgt Ion:168 Resp: 61637
Ion Ratio Lower Upper
168 100
139 39.3 34.1 51.1
169 13.3 10.5 15.7

Manual Integrations
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Reviewed By :Yogesh
Patel

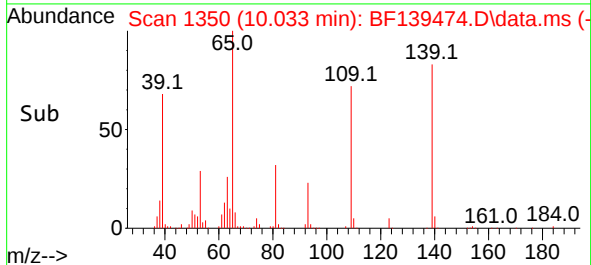
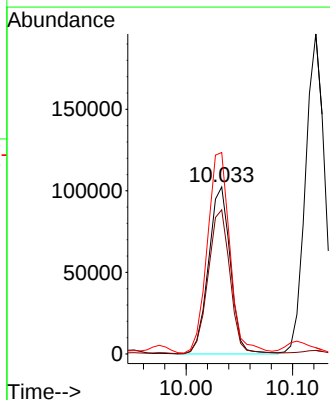
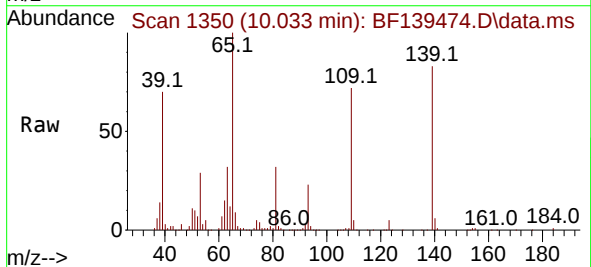
09/21/2024
Supervised By :mohammad
ahmed

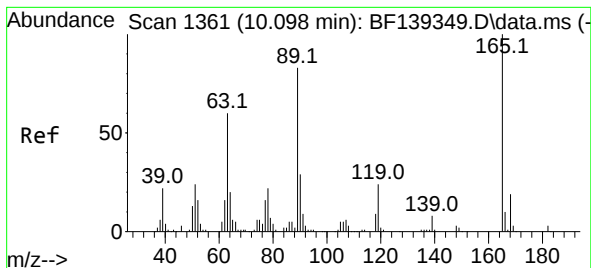
09/22/2024



#56
4-Nitrophenol
Concen: 84.160 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

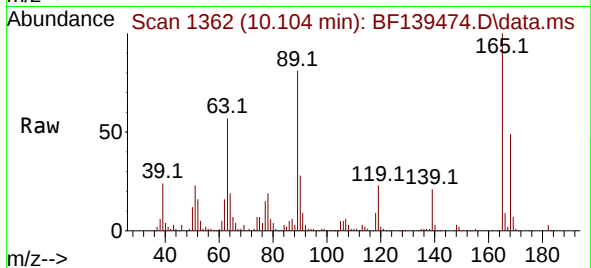
Tgt Ion:139 Resp: 145881
Ion Ratio Lower Upper
139 100
109 86.3 84.1 124.1
65 120.7 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 50.811 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



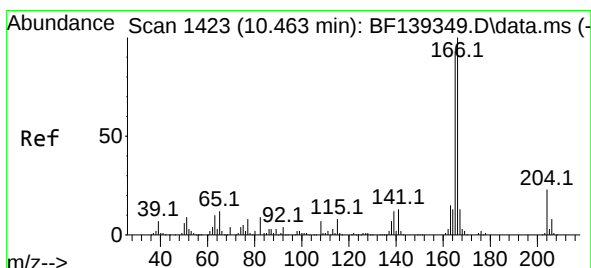
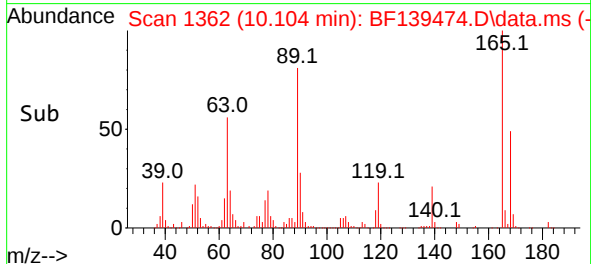
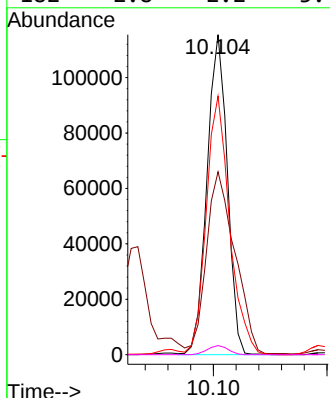
Tgt Ion:165 Resp: 14379
Ion Ratio Lower Upper
165 100
63 57.2 47.8 71.6
89 80.8 66.7 100.1
182 2.8 2.2 3.4

Manual Integrations
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Reviewed By :Yogesh
Patel

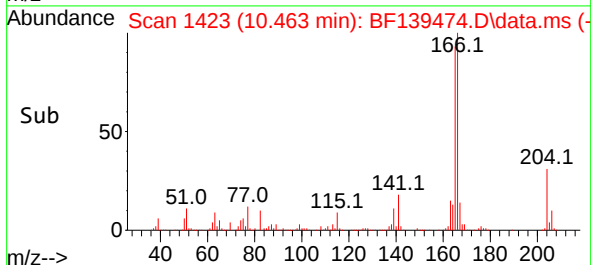
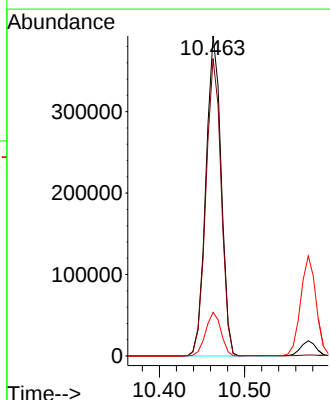
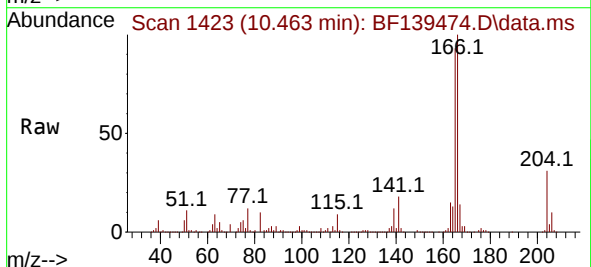
09/21/2024
Supervised By :mohammad
ahmed

09/22/2024



#58
Fluorene
Concen: 49.324 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

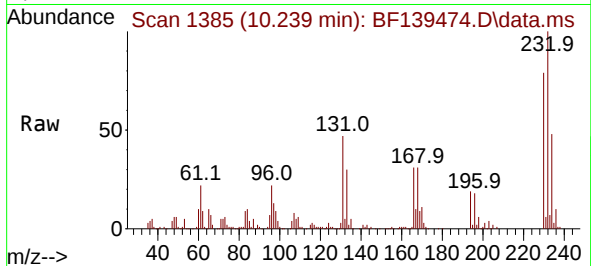
Tgt Ion:166 Resp: 488686
Ion Ratio Lower Upper
166 100
165 93.0 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.665 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



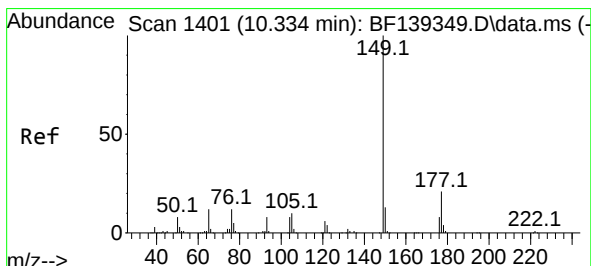
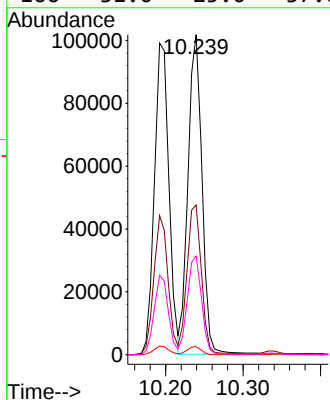
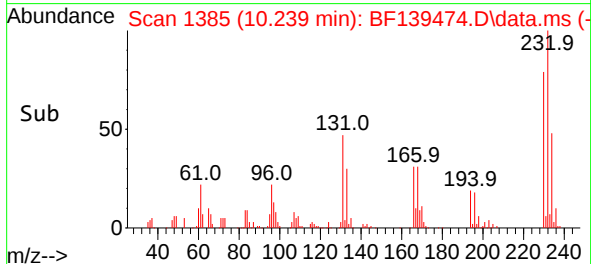
Tgt Ion:232 Resp: 127738
Ion Ratio Lower Upper
232 100
131 47.7 40.7 61.1
130 2.5 2.2 3.2
166 31.0 25.0 37.6

Manual Integrations
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Reviewed By :Yogesh
Patel

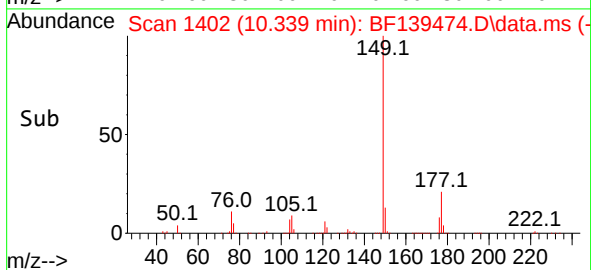
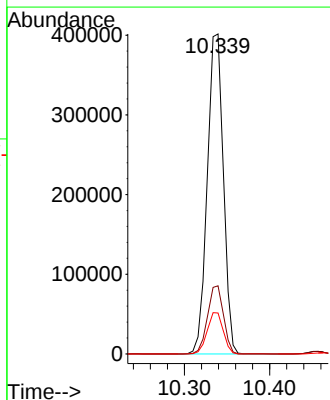
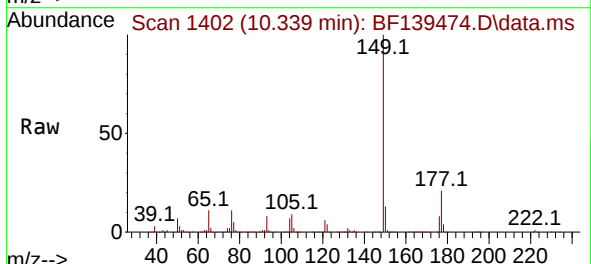
09/21/2024
Supervised By :mohammad
ahmed

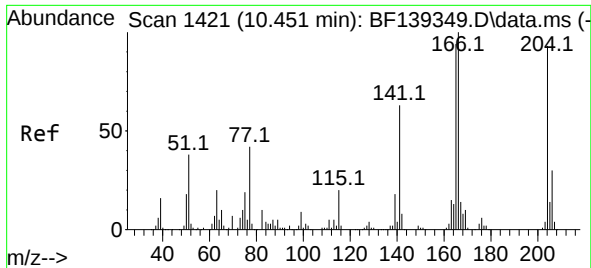
09/22/2024



#60
Diethylphthalate
Concen: 53.892 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

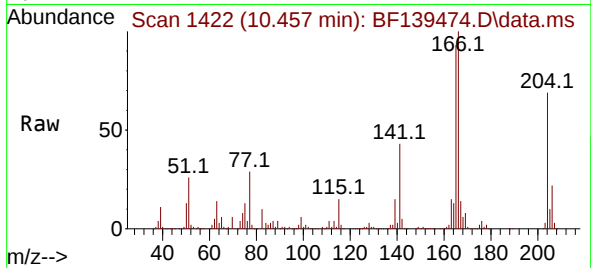
Tgt Ion:149 Resp: 526223
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.8 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 50.203 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



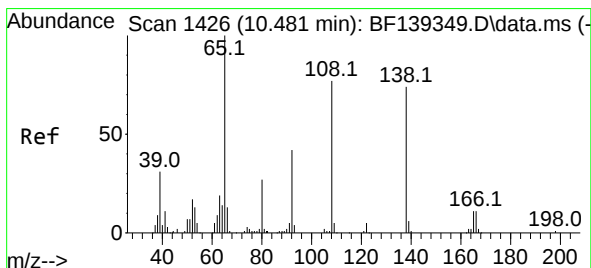
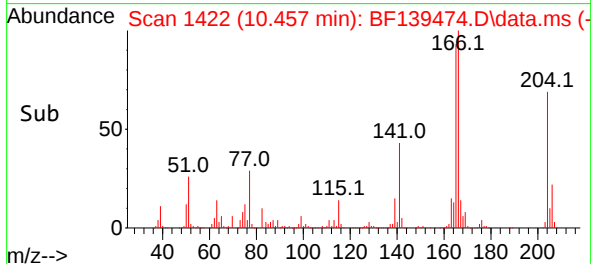
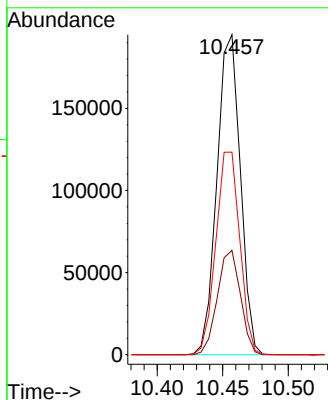
Tgt Ion:204 Resp: 241728
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 63.3 53.9 80.9

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

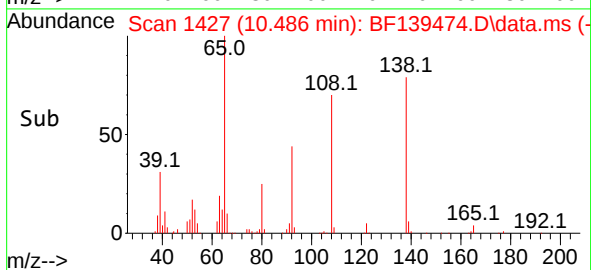
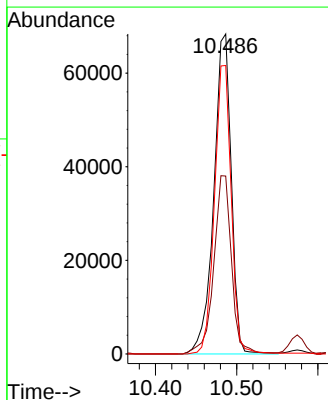
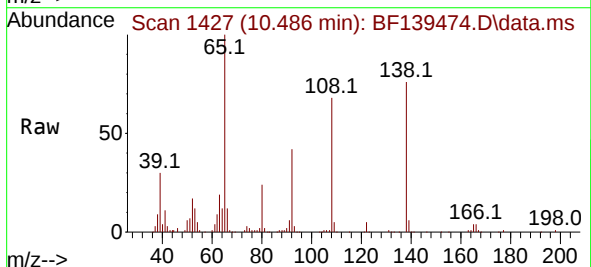
09/21/2024
Supervised By :mohammad
ahmed

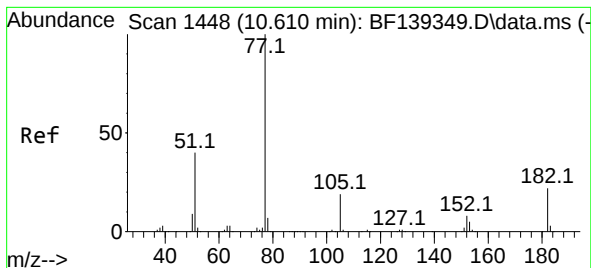
09/22/2024



#62
4-Nitroaniline
Concen: 44.812 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

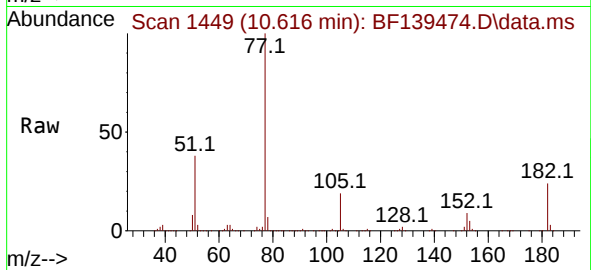
Tgt Ion:138 Resp: 102453
Ion Ratio Lower Upper
138 100
92 55.6 37.0 77.0
108 90.2 84.4 124.4





#63
Azobenzene
Concen: 52.881 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



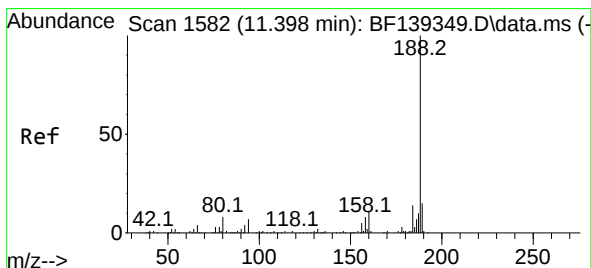
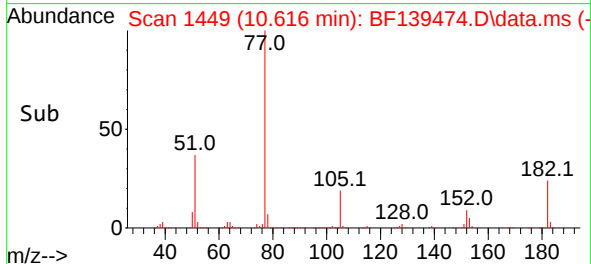
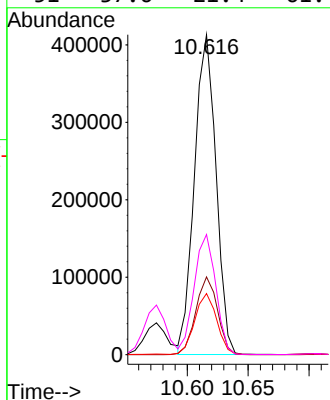
Tgt Ion: 77 Resp: 507860
Ion Ratio Lower Upper
77 100
182 24.3 1.8 41.8
105 19.1 0.0 38.6
51 37.6 21.4 61.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

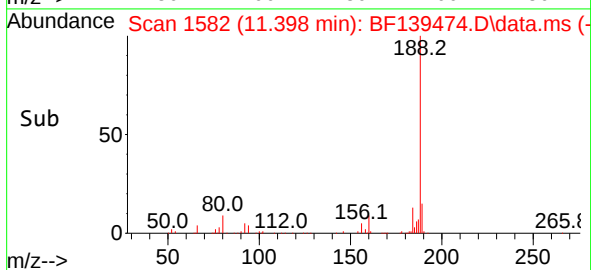
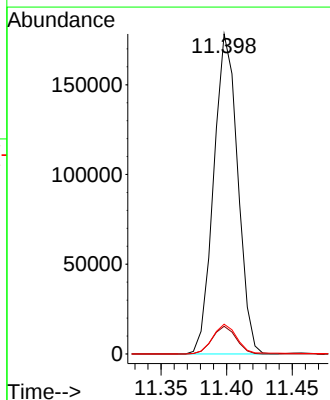
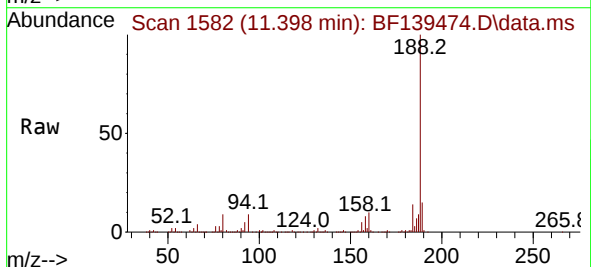
09/21/2024
Supervised By :mohammad
ahmed

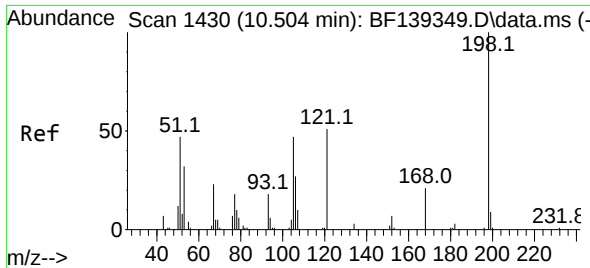
09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

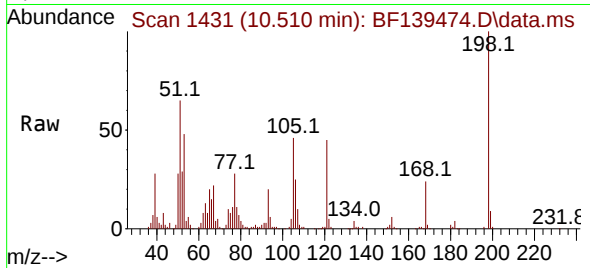
Tgt Ion:188 Resp: 227131
Ion Ratio Lower Upper
188 100
94 8.7 5.5 8.3#
80 9.3 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 58.059 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



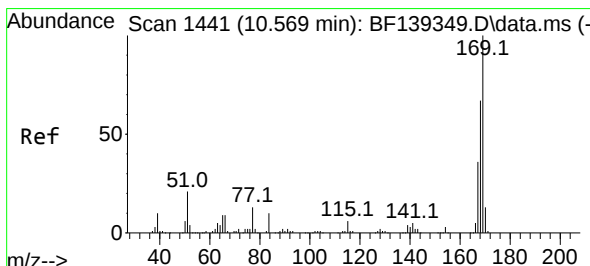
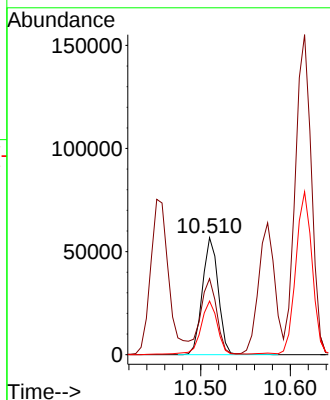
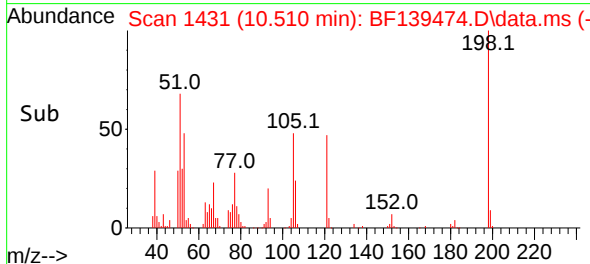
Tgt Ion:198 Resp: 69599
Ion Ratio Lower Upper
198 100
51 64.9 50.4 90.4
105 45.7 28.3 68.3

Manual Integrations
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Reviewed By :Yogesh
Patel

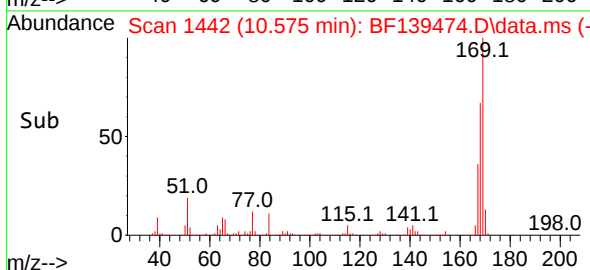
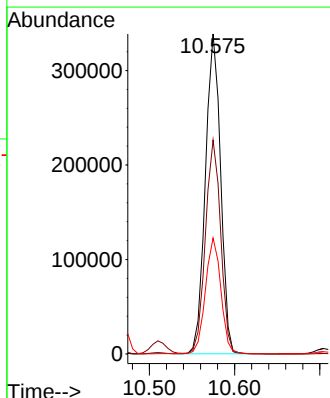
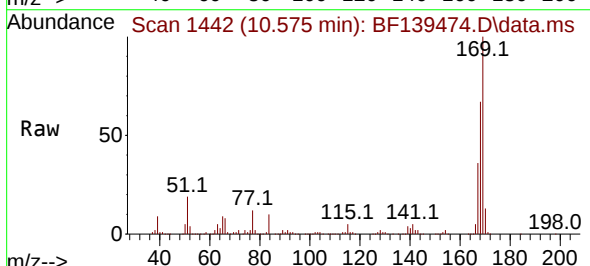
09/21/2024
Supervised By :mohammad
ahmed

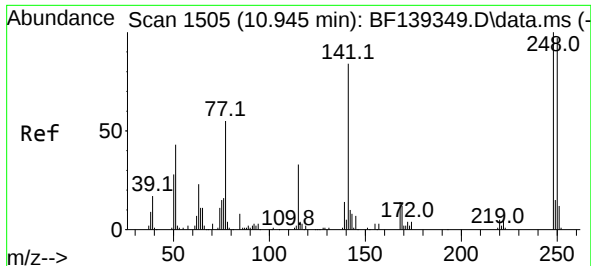
09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 63.168 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

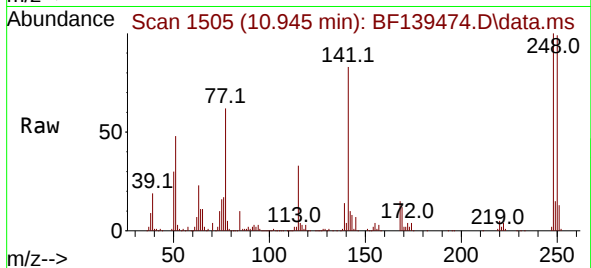
Tgt Ion:169 Resp: 419469
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 60.840 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



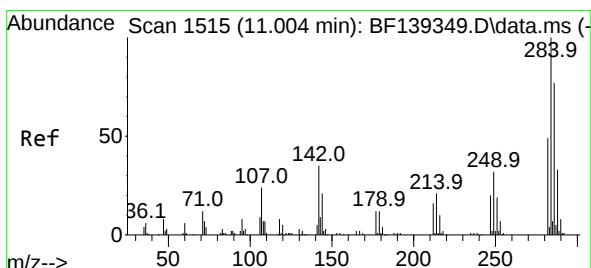
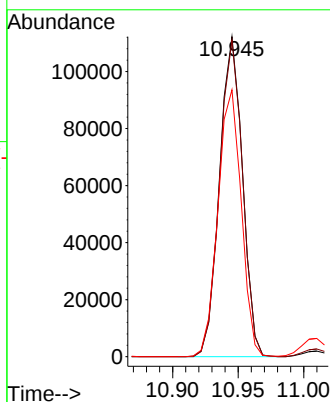
Tgt Ion:248 Resp: 136939
Ion Ratio Lower Upper
248 100
250 98.9 77.6 116.4
141 83.4 66.9 100.3

Manual Integrations
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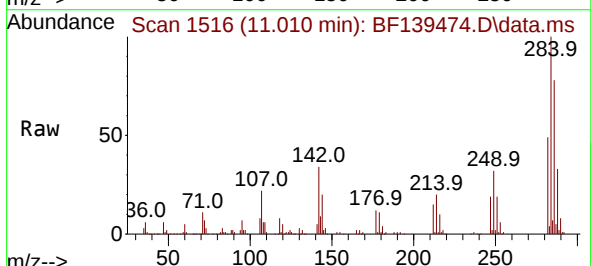
Reviewed By :Yogesh
Patel

09/21/2024
Supervised By :mohammad
ahmed

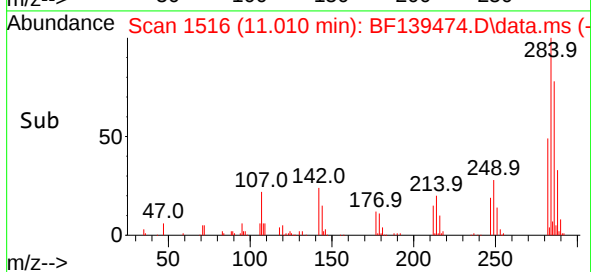
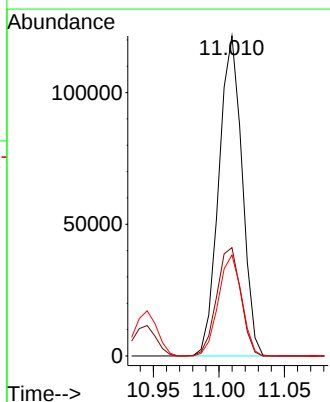
09/22/2024

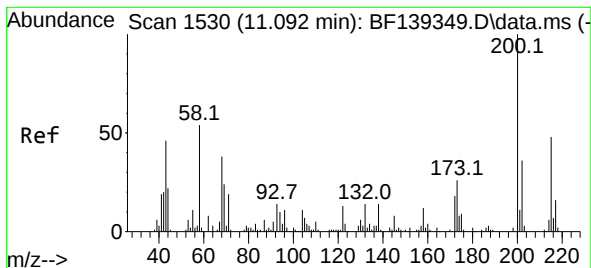


#68
Hexachlorobenzene
Concen: 56.640 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18



Tgt Ion:284 Resp: 149620
Ion Ratio Lower Upper
284 100
142 33.8 28.0 42.0
249 31.5 25.3 37.9





#69

Atrazine

Concen: 72.087 ng

RT: 11.098 min Scan# 11396

Delta R.T. 0.006 min

Lab File: BF139474.D

Acq: 19 Sep 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MSD

Tgt Ion:	200	Resp:	11396
Ion Ratio	Lower	Upper	
200	100		
173	26.0	6.1	46.1
215	48.2	28.2	68.2

Manual Integrations

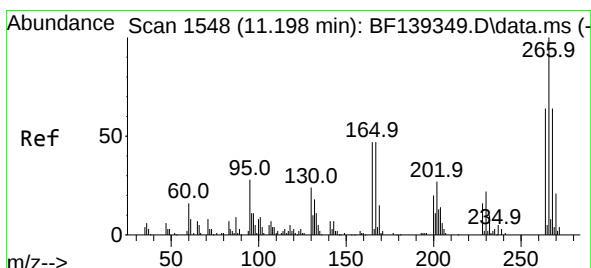
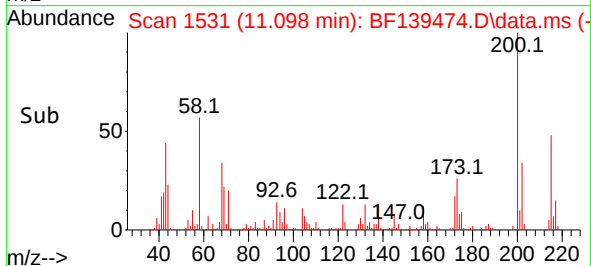
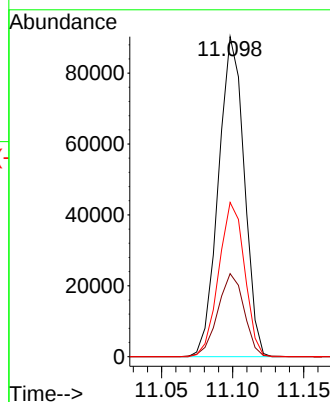
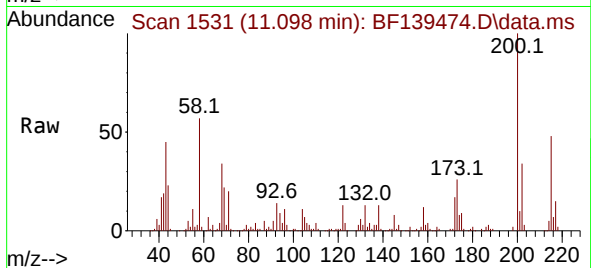
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Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#70

Pentachlorophenol

Concen: 116.407 ng

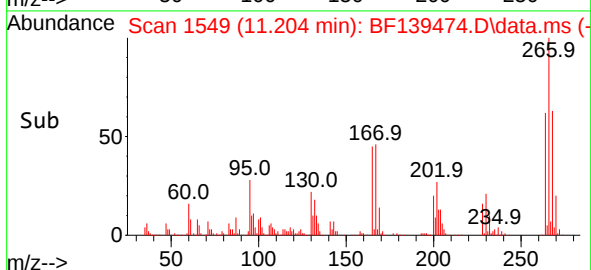
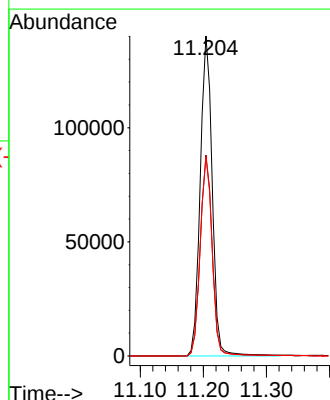
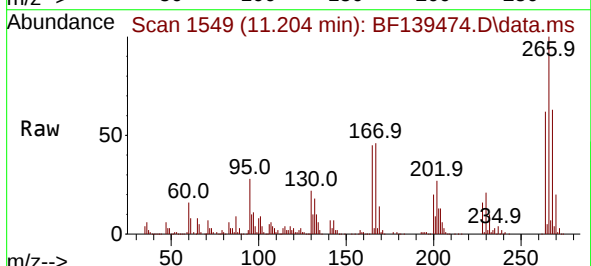
RT: 11.204 min Scan# 1549

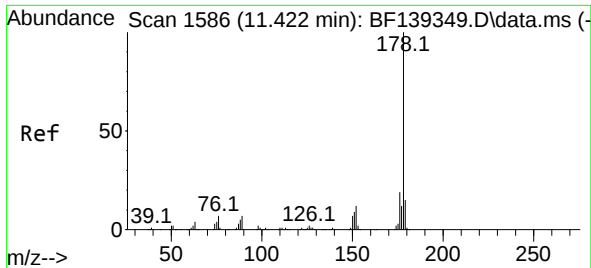
Delta R.T. 0.006 min

Lab File: BF139474.D

Acq: 19 Sep 2024 20:18

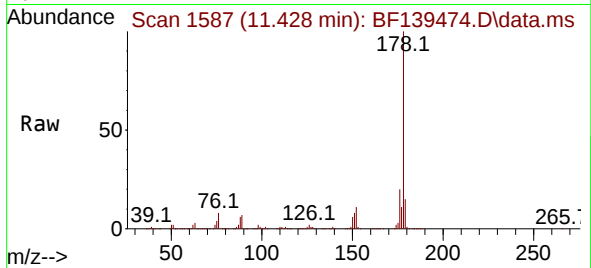
Tgt Ion:	266	Resp:	184514
Ion Ratio	Lower	Upper	
266	100		
268	62.8	51.1	76.7
264	62.3	51.4	77.0





#71
Phenanthrene
Concen: 55.494 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



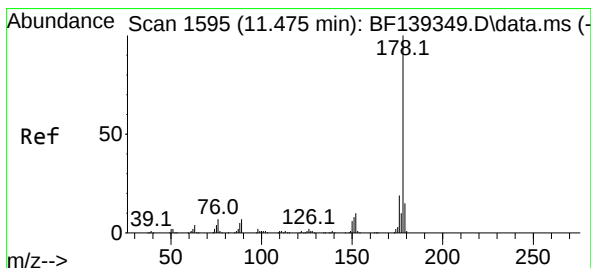
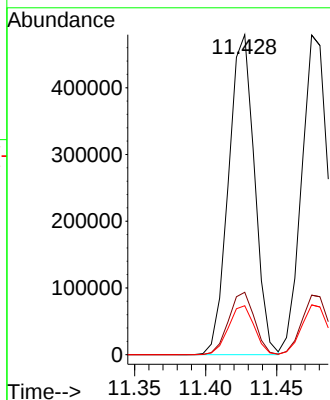
Tgt Ion:178 Resp: 608110
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.3 12.2 18.4

Manual Integrations
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Reviewed By :Yogesh
Patel

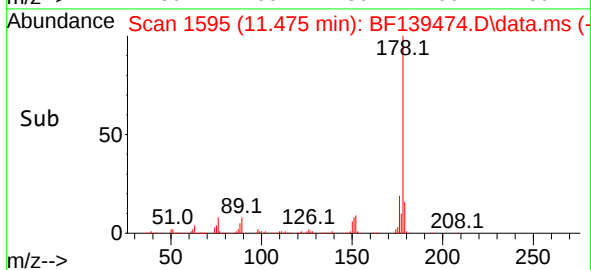
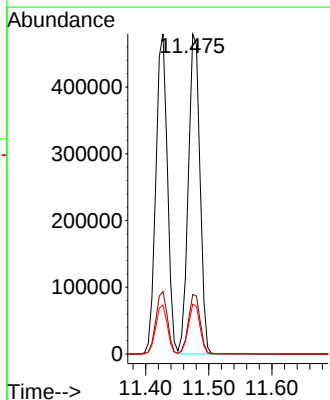
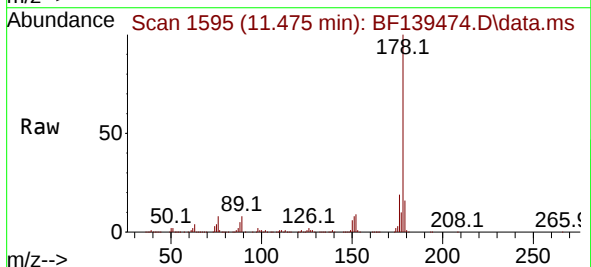
09/21/2024
Supervised By :mohammad
ahmed

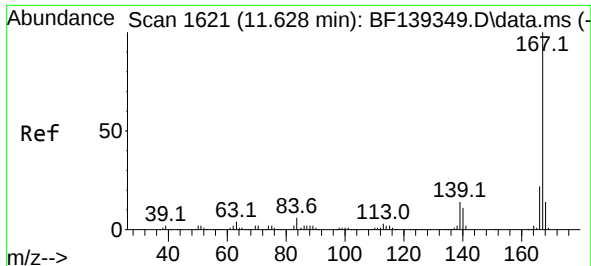
09/22/2024



#72
Anthracene
Concen: 57.343 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

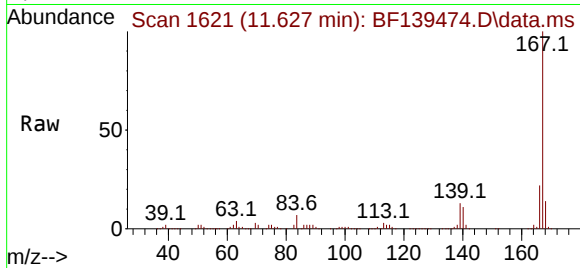
Tgt Ion:178 Resp: 614369
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.0 18.0





#73
 Carbazole
 Concen: 50.152 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139474.D
 Acq: 19 Sep 2024 20:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-08-202409MSD



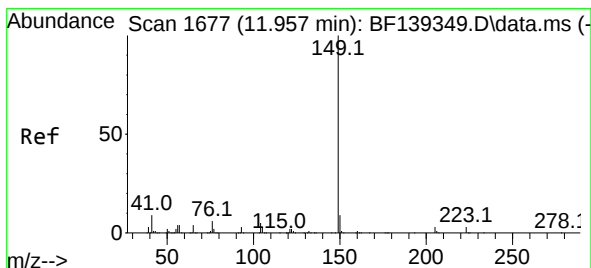
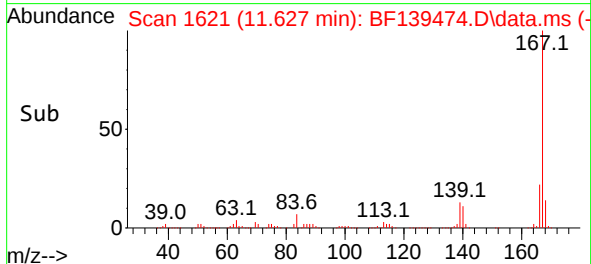
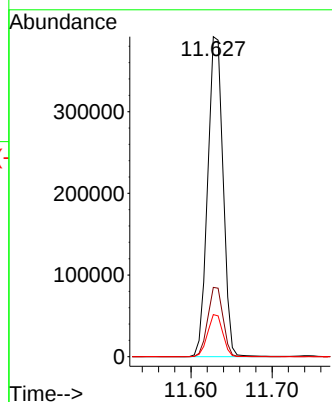
Tgt Ion:167 Resp: 514275
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.2 10.9 16.3

Manual Integrations
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Reviewed By :Yogesh
 Patel

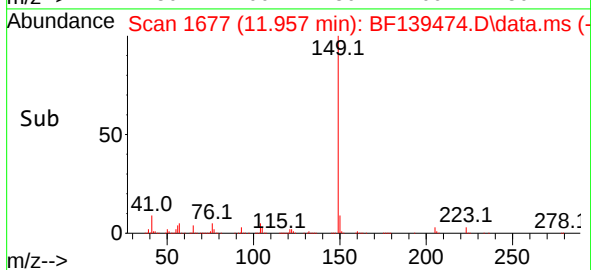
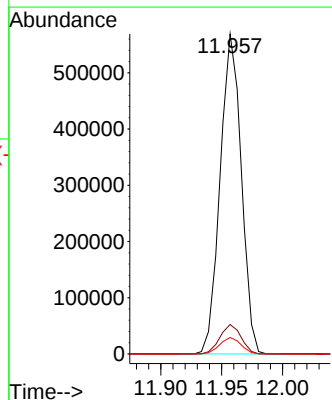
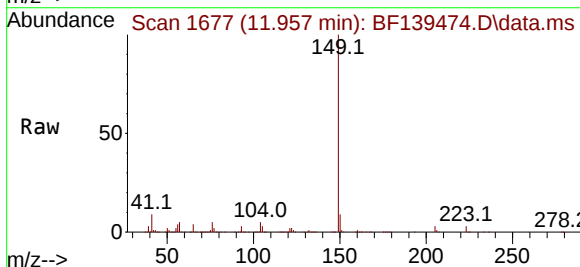
09/21/2024
 Supervised By :mohammad
 ahmed

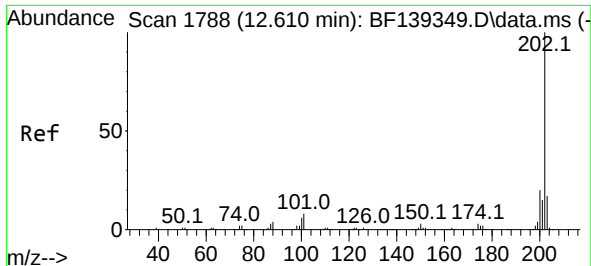
09/22/2024



#74
 Di-n-butylphthalate
 Concen: 60.293 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139474.D
 Acq: 19 Sep 2024 20:18

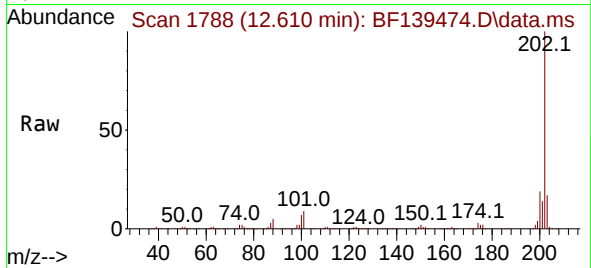
Tgt Ion:149 Resp: 688725
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 44.339 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



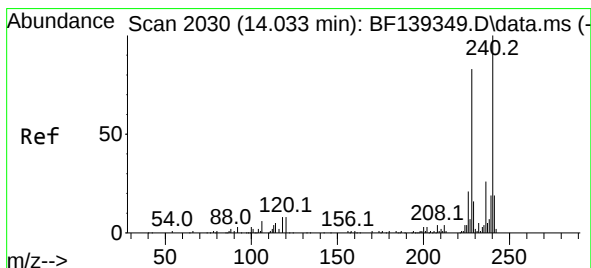
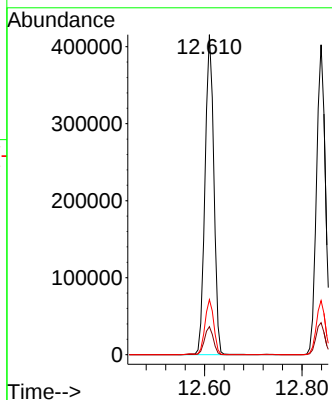
Tgt Ion:202 Resp: 518870
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 17.2 0.0 37.4

Manual Integrations
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Reviewed By :Yogesh
Patel

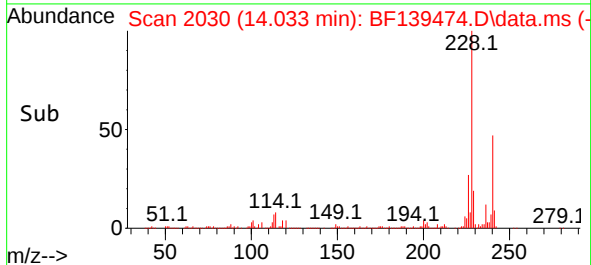
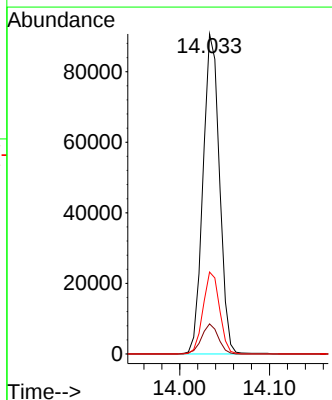
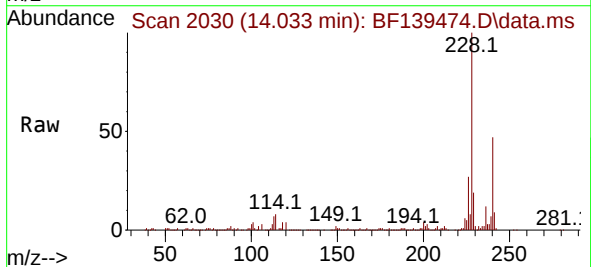
09/21/2024
Supervised By :mohammad
ahmed

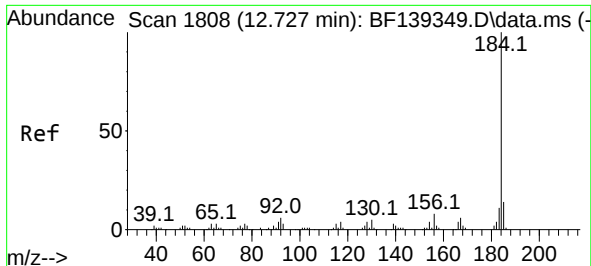
09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

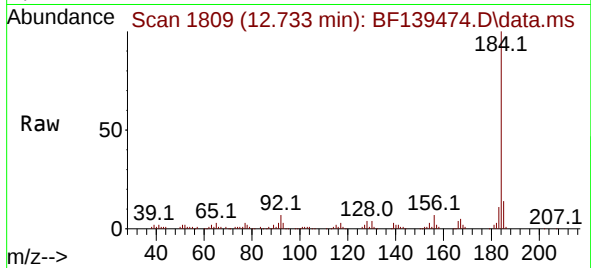
Tgt Ion:240 Resp: 115561
Ion Ratio Lower Upper
240 100
120 9.4 6.2 9.2#
236 25.6 20.9 31.3





#77
Benzidine
Concen: 62.911 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



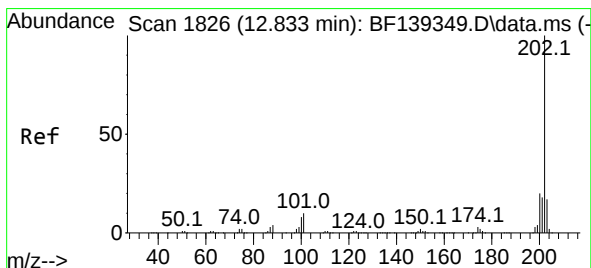
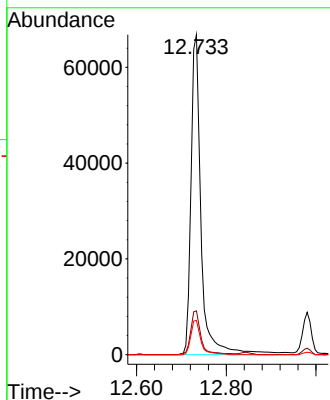
Tgt Ion:184 Resp: 104159
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 10.7 8.9 13.3

Manual Integrations
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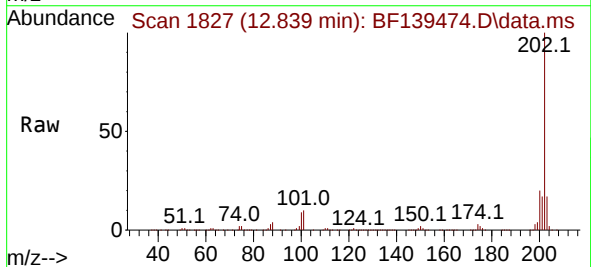
Reviewed By :Yogesh
Patel

09/21/2024
Supervised By :mohammad
ahmed

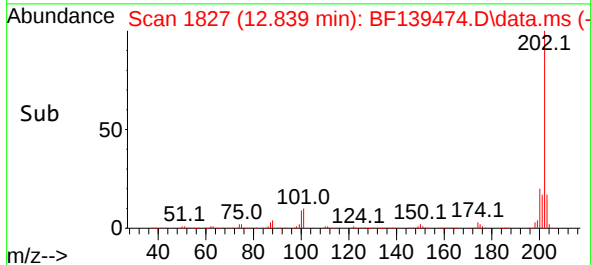
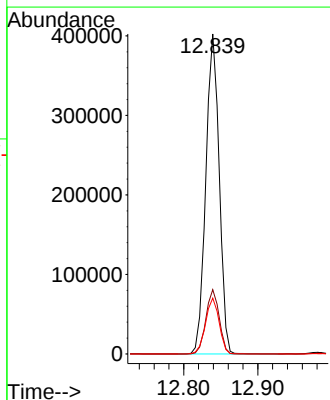
09/22/2024

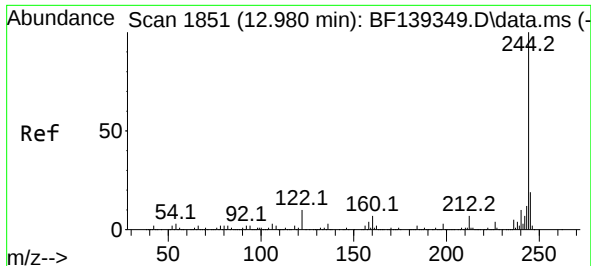


#78
Pyrene
Concen: 50.926 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18



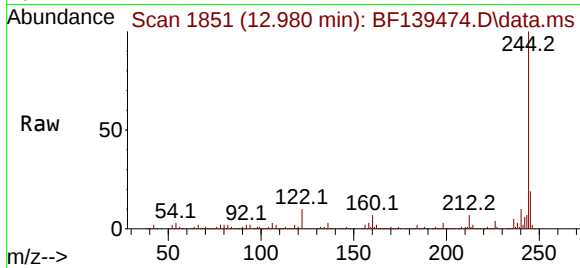
Tgt Ion:202 Resp: 505314
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.5 13.9 20.9





#79
 Terphenyl-d14
 Concen: 101.394 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139474.D
 Acq: 19 Sep 2024 20:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-08-202409MSD



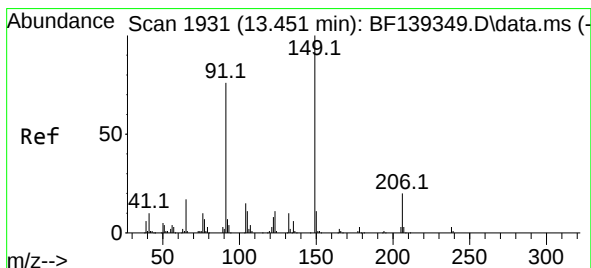
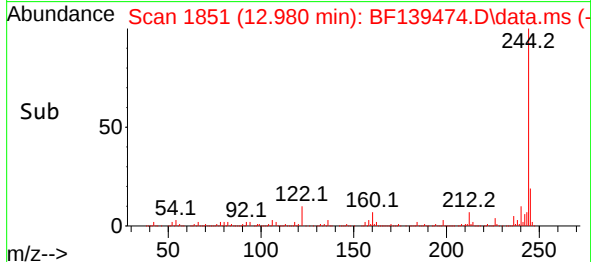
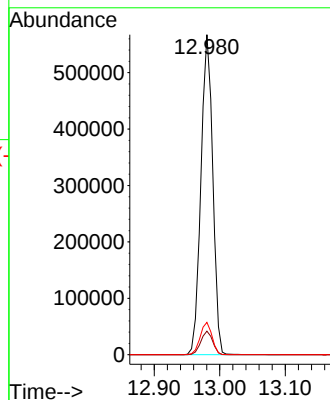
Tgt Ion:244 Resp: 71386
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.1 7.6 11.4

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 Patel

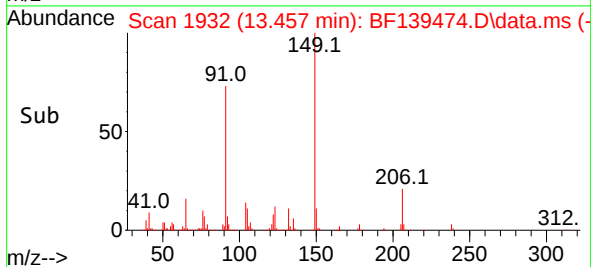
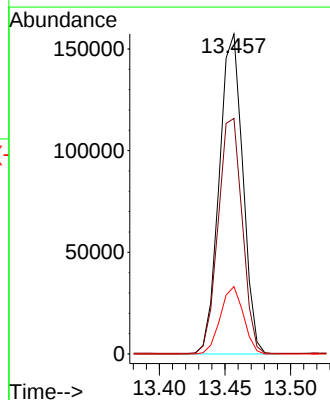
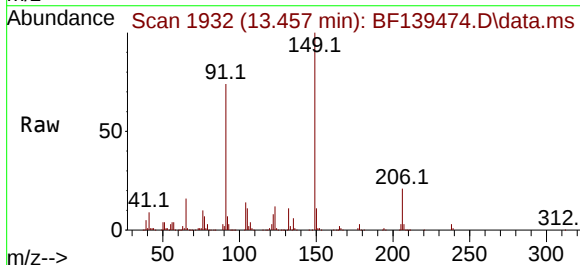
09/21/2024
 Supervised By :mohammad
 ahmed

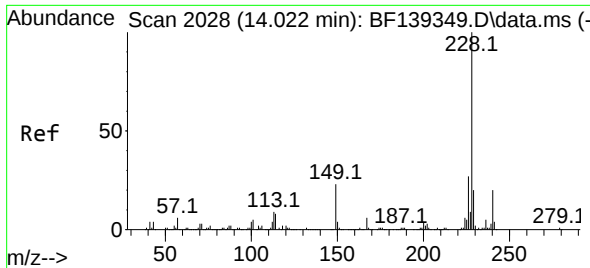
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#80
 Butylbenzylphthalate
 Concen: 58.156 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139474.D
 Acq: 19 Sep 2024 20:18

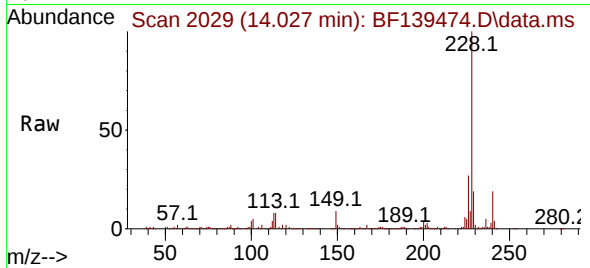
Tgt Ion:149 Resp: 196415
 Ion Ratio Lower Upper
 149 100
 91 73.6 60.9 91.3
 206 21.0 15.8 23.8





#81
Benzo(a)anthracene
Concen: 56.816 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



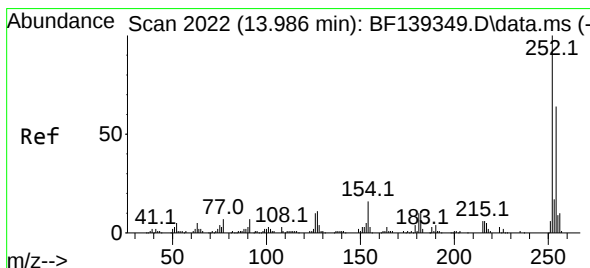
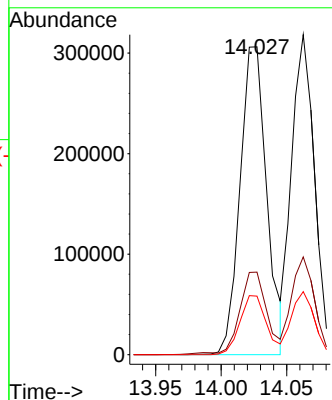
Tgt Ion:228 Resp: 434908
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 19.0 15.7 23.5

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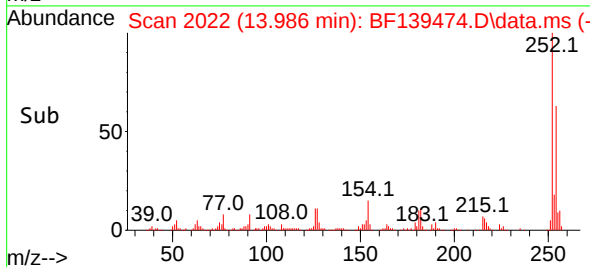
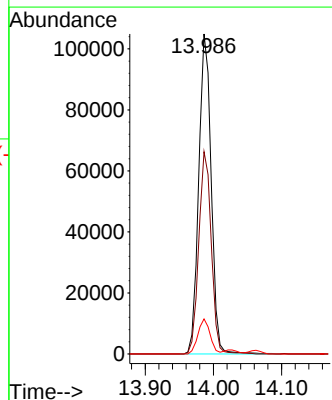
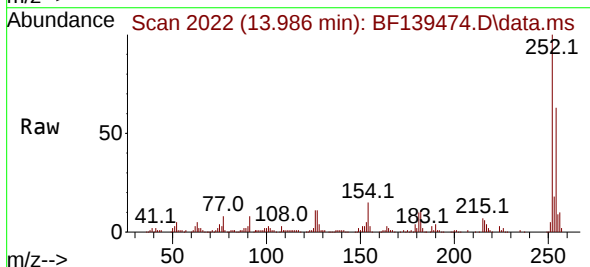
09/21/2024
Supervised By :mohammad
ahmed

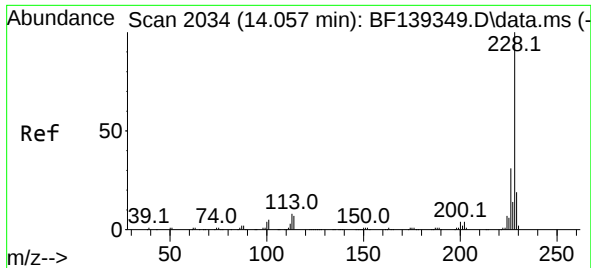
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#82
3,3'-Dichlorobenzidine
Concen: 59.323 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

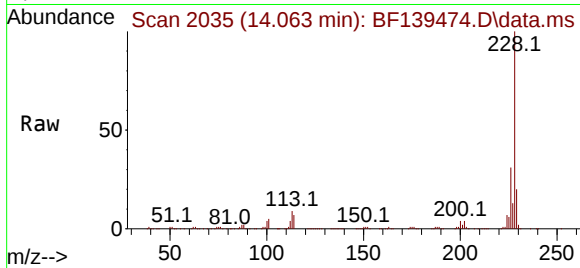
Tgt Ion:252 Resp: 132985
Ion Ratio Lower Upper
252 100
254 63.2 51.4 77.2
126 10.9 7.7 11.5





#83
Chrysene
Concen: 54.658 ng
RT: 14.063 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



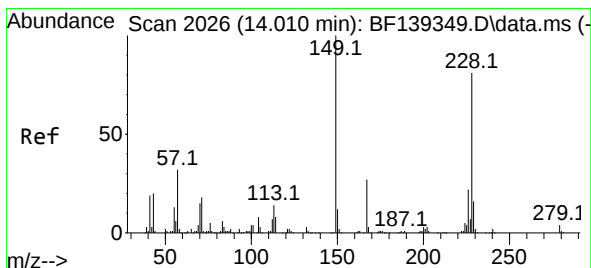
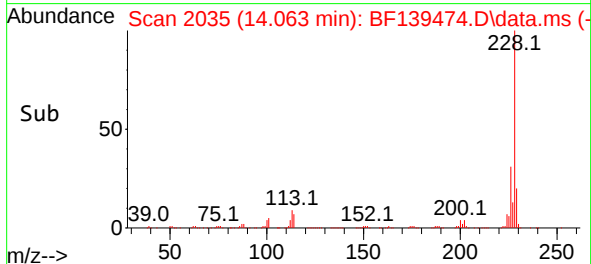
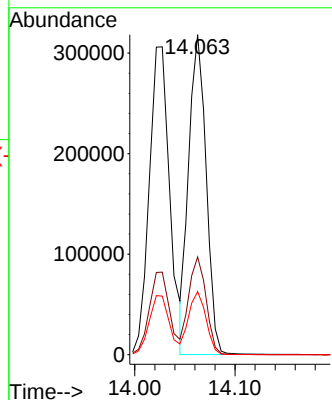
Tgt Ion:228 Resp: 384925
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 19.7 15.4 23.0

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Reviewed By :Yogesh
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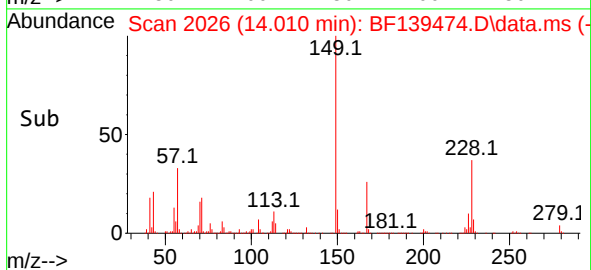
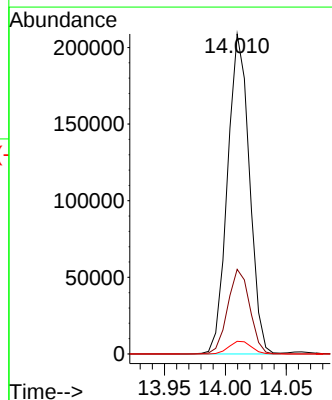
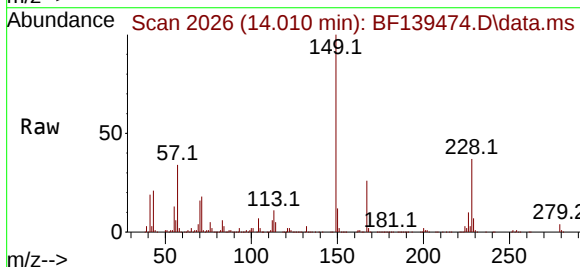
09/21/2024
Supervised By :mohammad
ahmed

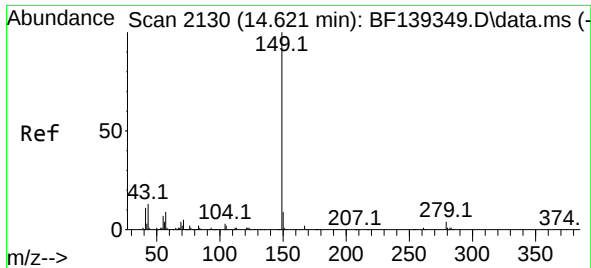
09/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.660 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

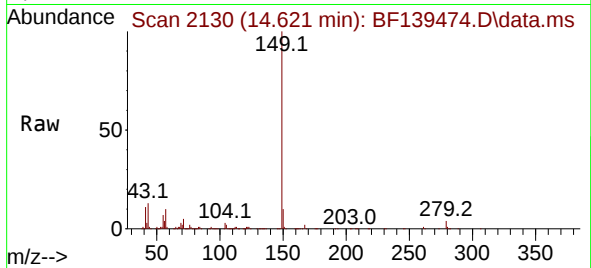
Tgt Ion:149 Resp: 260626
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 70.884 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



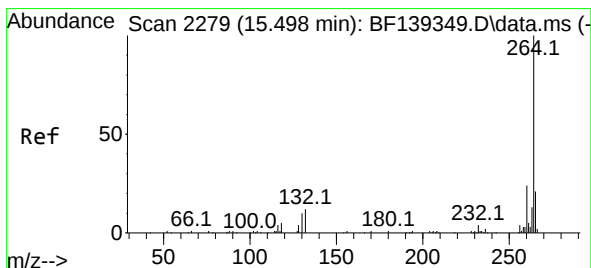
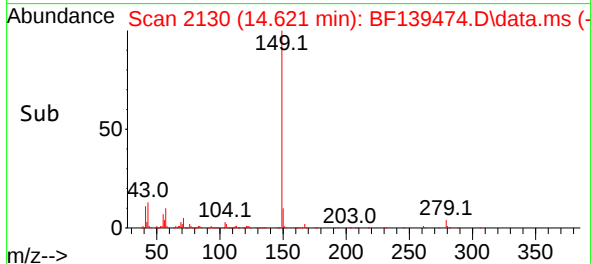
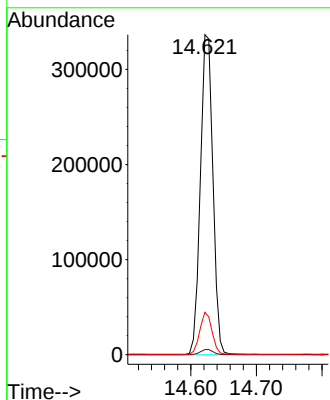
Tgt Ion:149 Resp: 44852
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.7 10.6 16.0

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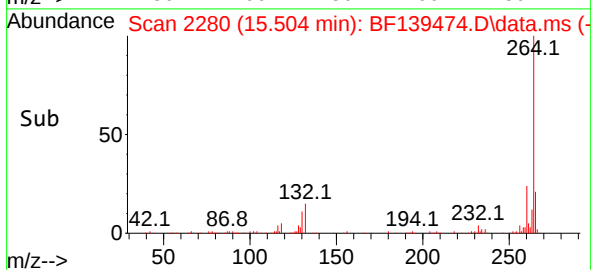
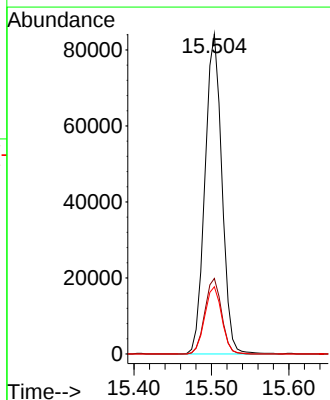
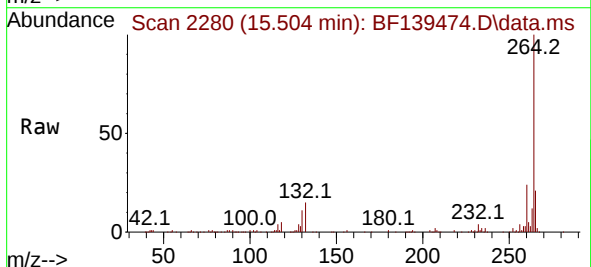
09/21/2024
Supervised By :mohammad
ahmed

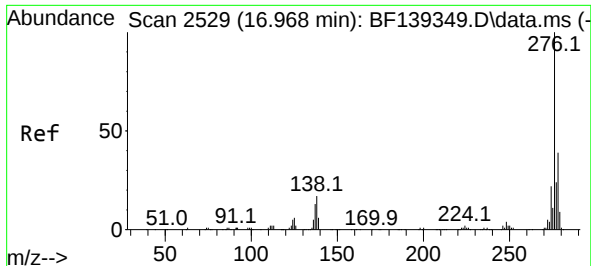
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:264 Resp: 127650
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.0 16.6 25.0





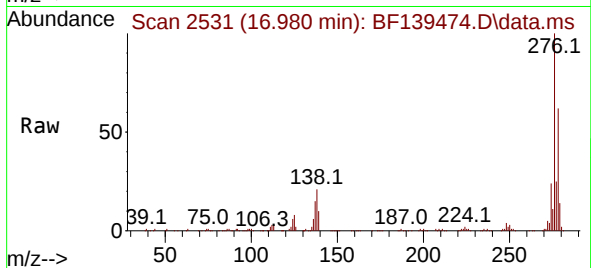
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.846 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MSD



Tgt Ion:276 Resp: 325219
Ion Ratio Lower Upper
276 100
138 22.0 15.4 23.2
277 25.0 20.4 30.6

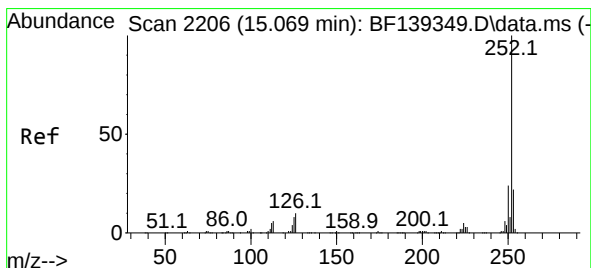
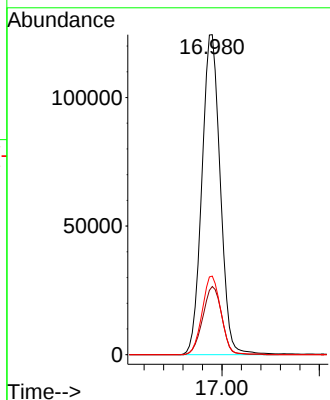
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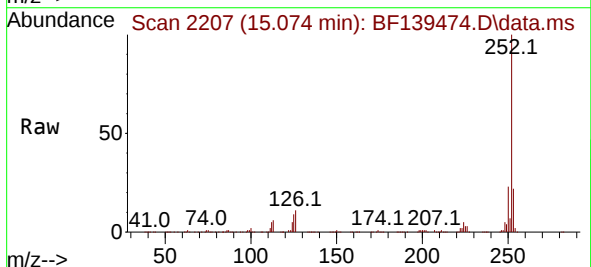
09/21/2024

Supervised By :mohammad
ahmed

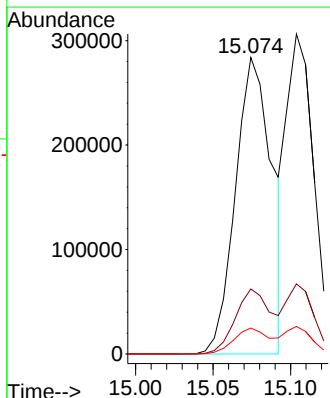
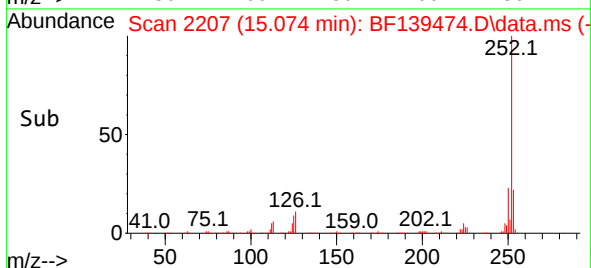
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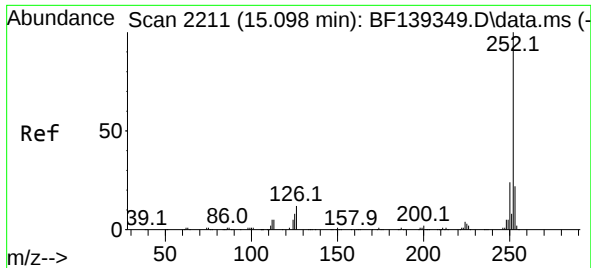


#88
Benzo(b)fluoranthene
Concen: 59.145 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18



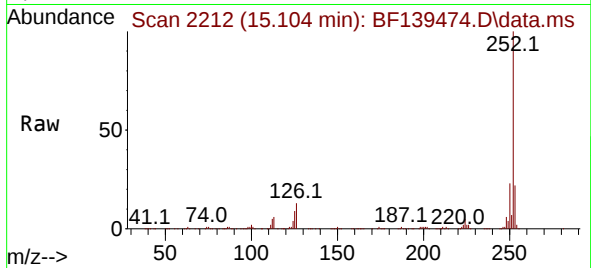
Tgt Ion:252 Resp: 465623
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.7 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 52.120 ng
RT: 15.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



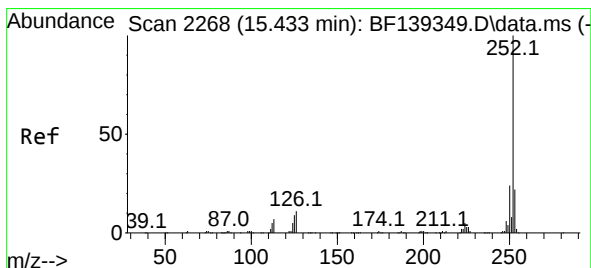
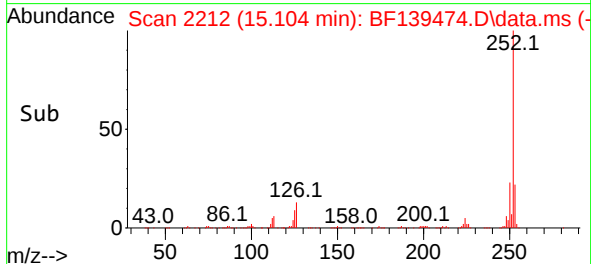
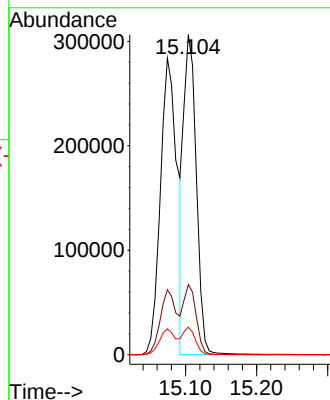
Tgt Ion:252 Resp: 37832
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 8.6 5.9 8.9

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Patel

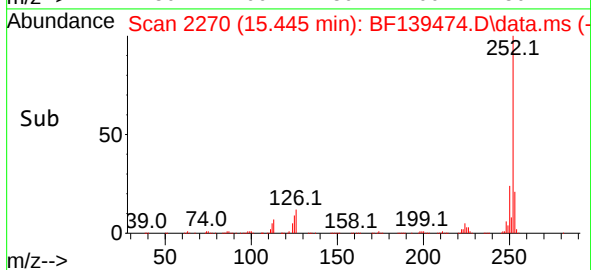
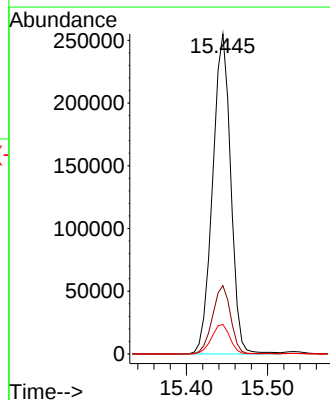
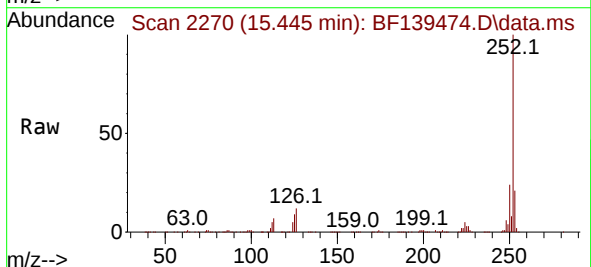
09/21/2024
Supervised By :mohammad
ahmed

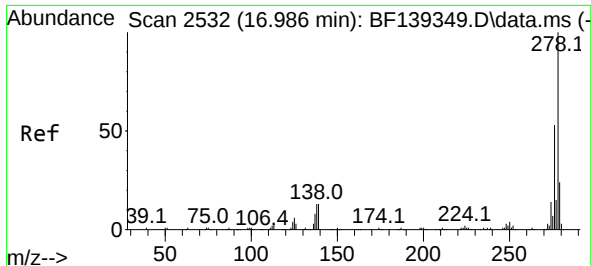
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#90
Benzo(a)pyrene
Concen: 60.479 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

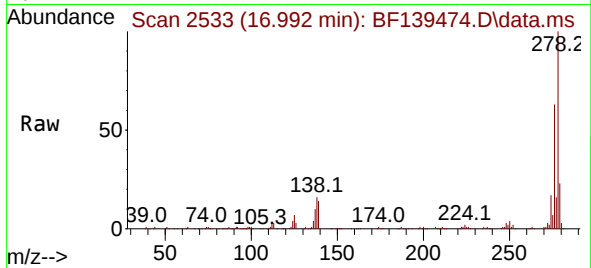
Tgt Ion:252 Resp: 394876
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 9.2 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 44.440 ng
RT: 16.992 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD



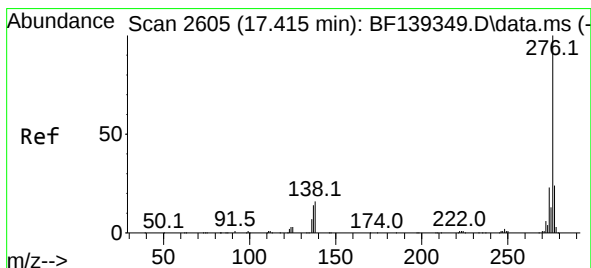
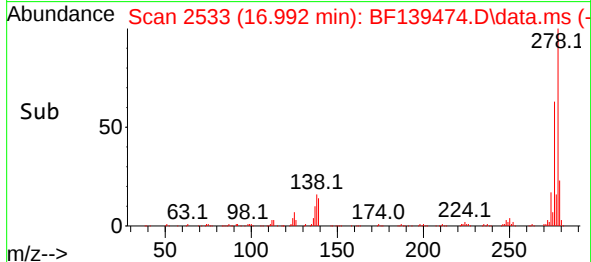
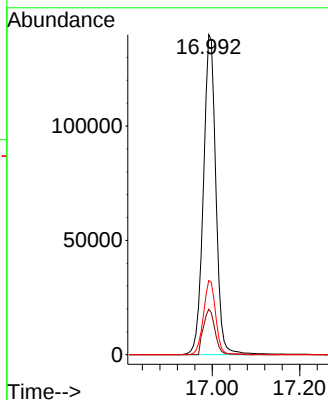
Tgt Ion:278 Resp: 278730
Ion Ratio Lower Upper
278 100
139 14.2 10.2 15.2
279 23.2 18.9 28.3

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ahmed

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#92
Benzo(g,h,i)perylene
Concen: 35.061 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139474.D
Acq: 19 Sep 2024 20:18

Tgt Ion:276 Resp: 217740
Ion Ratio Lower Upper
276 100
277 22.8 18.9 28.3
138 18.5 13.0 19.6

