

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139572.D
 Acq On : 30 Sep 2024 11:59
 Operator : RC/JU
 Sample : PB163737BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163737BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 10/01/2024

Supervised By :mohammad
 ahmed
 10/01/2024

Quant Time: Sep 30 12:54:34 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	6.869	152	77604	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	287808	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	160186	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	313408	20.000	ng	#-0.01
76) Chrysene-d12	14.021	240	166700	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	155284	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	645528	135.699	ng	0.00
7) Phenol-d6	6.504	99	848983	135.969	ng	0.00
23) Nitrobenzene-d5	7.434	82	554257	90.534	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	226365	132.736	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1030357	90.214	ng	-0.01
79) Terphenyl-d14	12.968	244	1091110	107.435	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	87691	45.947	ng	95
3) Pyridine	3.457	79	232410	55.232	ng	94
4) n-Nitrosodimethylamine	3.416	42	162597	44.581	ng	# 77
6) Aniline	6.528	93	281688	59.780	ng	# 79
8) 2-Chlorophenol	6.651	128	254453	51.963	ng	99
9) Benzaldehyde	6.416	77	43774	12.134	ng	95
10) Phenol	6.516	94	327400	51.483	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	250381	51.802	ng	99
12) 1,3-Dichlorobenzene	6.810	146	264192	47.440	ng	98
13) 1,4-Dichlorobenzene	6.886	146	272838	48.481	ng	98
14) 1,2-Dichlorobenzene	7.034	146	257173	48.362	ng	98
15) Benzyl Alcohol	7.010	79	242583	48.696	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	454171	60.971	ng	97
17) 2-Methylphenol	7.122	107	206784	53.150	ng	97
18) Hexachloroethane	7.375	117	101275	47.247	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	191111	51.650	ng	97
20) 3+4-Methylphenols	7.275	107	257050	48.428	ng	91
22) Acetophenone	7.275	105	349931	46.508	ng	99
24) Nitrobenzene	7.451	77	291114	46.202	ng	96
25) Isophorone	7.686	82	514037	53.091	ng	99
26) 2-Nitrophenol	7.763	139	131074	53.395	ng	90
27) 2,4-Dimethylphenol	7.798	122	206539	63.784	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	295442	53.541	ng	99
29) 2,4-Dichlorophenol	8.004	162	209875	51.019	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	221397	46.191	ng	98
31) Naphthalene	8.169	128	744723	49.565	ng	99
32) Benzoic acid	7.922	122	142846	47.139	ng	92
33) 4-Chloroaniline	8.216	127	141896	30.870	ng	97
34) Hexachlorobutadiene	8.281	225	144761	44.455	ng	98
35) Caprolactam	8.581	113	70445m	55.670	ng	
36) 4-Chloro-3-methylphenol	8.704	107	239782	51.003	ng	95
37) 2-Methylnaphthalene	8.857	142	485860	50.945	ng	98
38) 1-Methylnaphthalene	8.957	142	451539	48.225	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	228129	48.053	ng	98
41) Hexachlorocyclopentadiene	9.010	237	273918	165.250	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	156647	50.717	ng	98

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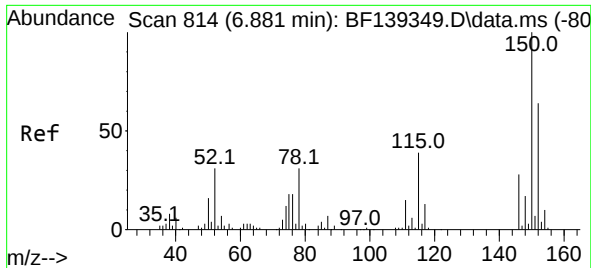
Reviewed By :Yogesh
 Patel
 10/01/2024

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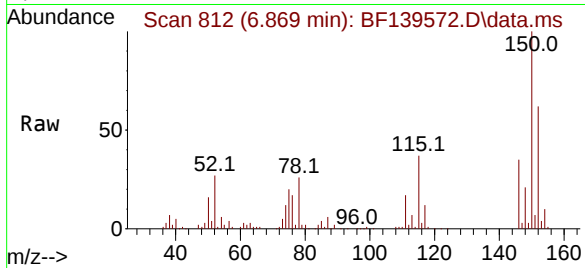
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.180	196	168209	51.629	ng	98	
46) 1,1'-Biphenyl	9.322	154	605858	49.163	ng	99	
47) 2-Chloronaphthalene	9.345	162	452446	49.103	ng	99	
48) 2-Nitroaniline	9.445	65	177326	51.740	ng	97	
49) Acenaphthylene	9.763	152	755579	54.475	ng	100	
50) Dimethylphthalate	9.622	163	553602	52.655	ng	100	
51) 2,6-Dinitrotoluene	9.686	165	120398	51.693	ng	92	
52) Acenaphthene	9.933	154	534407	55.205	ng	100	
53) 3-Nitroaniline	9.857	138	86932	37.347	ng	90	
54) 2,4-Dinitrophenol	9.963	184	135872	104.692	ng	#	87
55) Dibenzofuran	10.110	168	687840	50.979	ng	95	
56) 4-Nitrophenol	10.022	139	204404	106.127	ng	#	80
57) 2,4-Dinitrotoluene	10.092	165	164631	52.356	ng	99	
58) Fluorene	10.451	166	540206	49.070	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.222	232	142807	52.988	ng	96	
60) Diethylphthalate	10.322	149	565269	52.100	ng	98	
61) 4-Chlorophenyl-phenyle...	10.439	204	263060	49.168	ng	95	
62) 4-Nitroaniline	10.469	138	128415	50.549	ng	#	87
63) Azobenzene	10.598	77	573783	53.769	ng	95	
65) 4,6-Dinitro-2-methylph...	10.498	198	88005	53.203	ng	93	
66) n-Nitrosodiphenylamine	10.563	169	476928	52.049	ng	99	
67) 4-Bromophenyl-phenylether	10.927	248	155230	49.981	ng	99	
68) Hexachlorobenzene	10.992	284	177594	48.722	ng	99	
69) Atrazine	11.086	200	155233	71.162	ng	100	
70) Pentachlorophenol	11.192	266	199606	91.262	ng	99	
71) Phenanthrene	11.410	178	786434	52.011	ng	99	
72) Anthracene	11.463	178	810814	54.845	ng	99	
73) Carbazole	11.616	167	732533	51.771	ng	99	
74) Di-n-butylphthalate	11.945	149	859218	54.512	ng	99	
75) Fluoranthene	12.598	202	815203	50.485	ng	98	
77) Benzidine	12.716	184	223762	93.690	ng	100	
78) Pyrene	12.827	202	827644	57.823	ng	100	
80) Butylbenzylphthalate	13.439	149	299029	61.377	ng	99	
81) Benzo(a)anthracene	14.010	228	585398	53.015	ng	99	
82) 3,3'-Dichlorobenzidine	13.968	252	134556	41.610	ng	99	
83) Chrysene	14.045	228	549220	54.063	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.998	149	393618	63.509	ng	99	
85) Di-n-octyl phthalate	14.604	149	569174	62.357	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.945	276	521440	56.472	ng	#	95
88) Benzo(b)fluoranthene	15.057	252	491235	51.294	ng	99	
89) Benzo(k)fluoranthene	15.086	252	464275	52.578	ng	#	99
90) Benzo(a)pyrene	15.421	252	450523	56.722	ng	99	
91) Dibenzo(a,h)anthracene	16.962	278	427712	56.057	ng	97	
92) Benzo(g,h,i)perylene	17.392	276	402695	53.304	ng	#	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 814
 Delta R.T. -0.012 min
 Lab File: BF139572.D
 Acq: 30 Sep 2024 11:59

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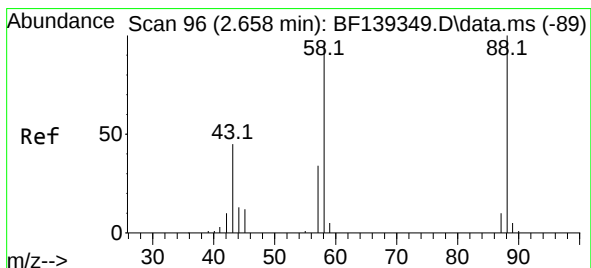
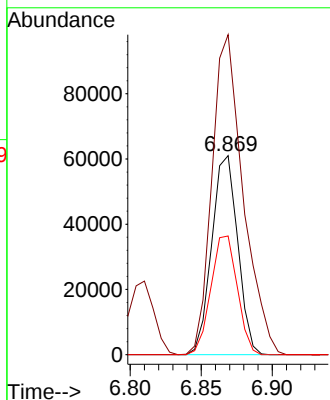
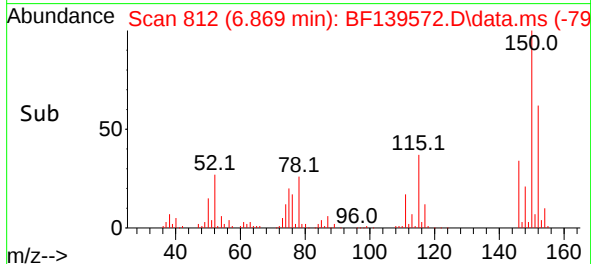


Tgt Ion:152 Resp: 77604
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.1 186.1
 115 59.6 48.1 72.1

Manual Integrations
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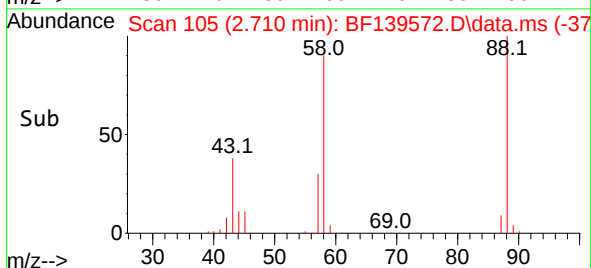
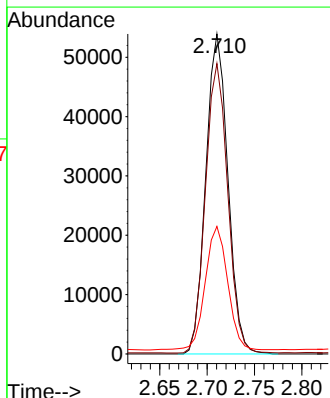
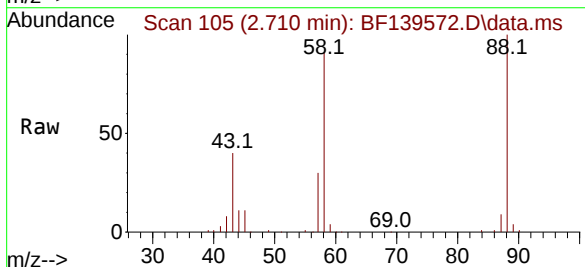
Reviewed By :Yogesh
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 10/01/2024

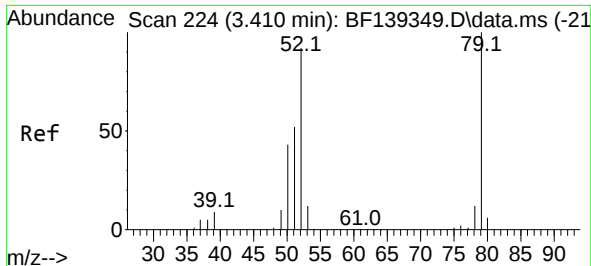
Supervised By :mohammad
 ahmed
 10/01/2024



#2
 1,4-Dioxane
 Concen: 45.947 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.053 min
 Lab File: BF139572.D
 Acq: 30 Sep 2024 11:59

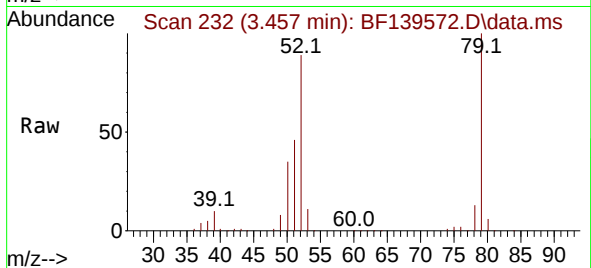
Tgt Ion: 88 Resp: 87691
 Ion Ratio Lower Upper
 88 100
 58 91.2 74.8 112.2
 43 39.3 36.4 54.6





#3
Pyridine
Concen: 55.232 ng
RT: 3.457 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
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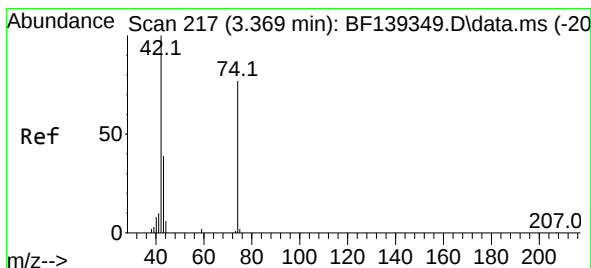
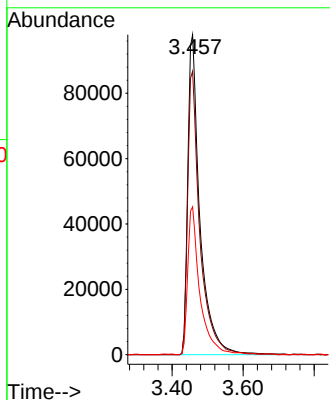


Tgt Ion: 79 Resp: 232410
Ion Ratio Lower Upper
79 100
52 88.6 73.8 110.8
51 46.2 41.8 62.6

Manual Integrations
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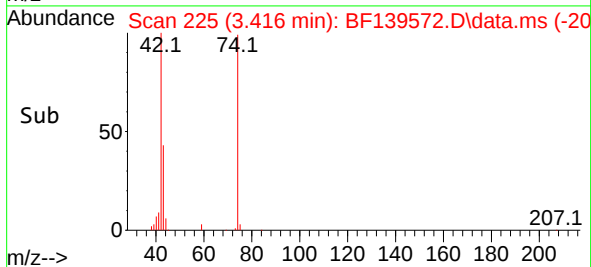
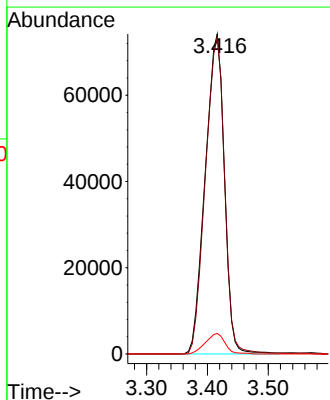
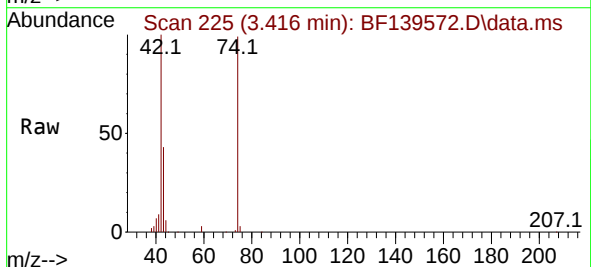
Reviewed By :Yogesh
Patel
10/01/2024

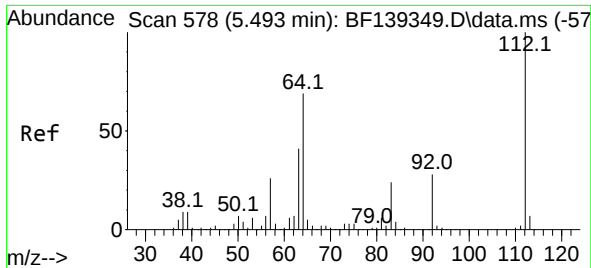
Supervised By :mohammad
ahmed
10/01/2024



#4
n-Nitrosodimethylamine
Concen: 44.581 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.047 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion: 42 Resp: 162597
Ion Ratio Lower Upper
42 100
74 98.9 61.8 92.8#
44 6.4 4.8 7.2





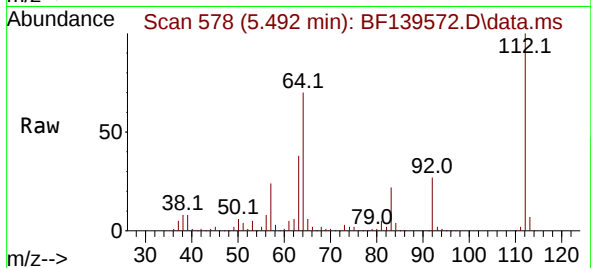
#5
2-Fluorophenol
Concen: 135.699 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.001 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:112 Resp: 645528
Ion Ratio Lower Upper
112 100
64 69.7 54.8 82.2
63 38.3 33.0 49.4

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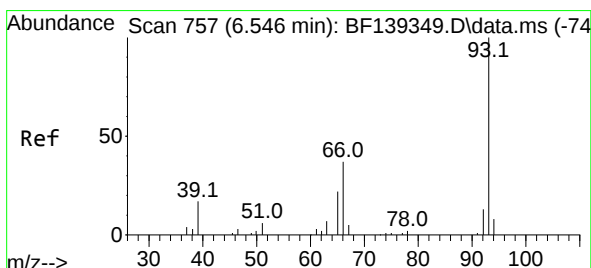
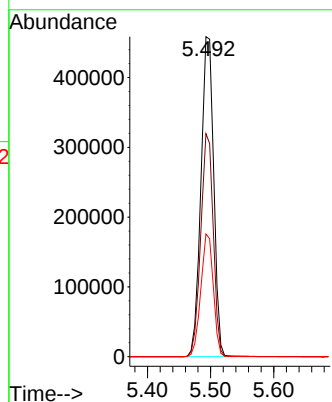
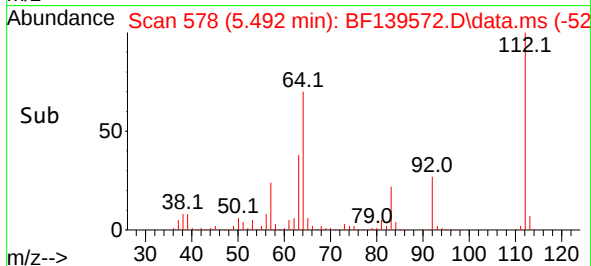
Patel

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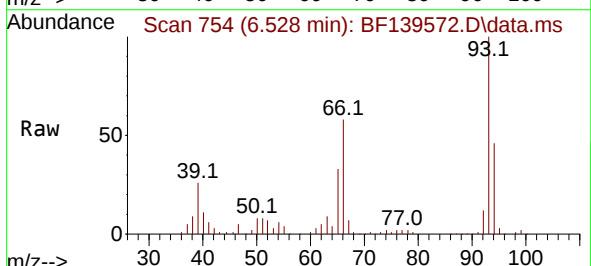
Supervised By :mohammad

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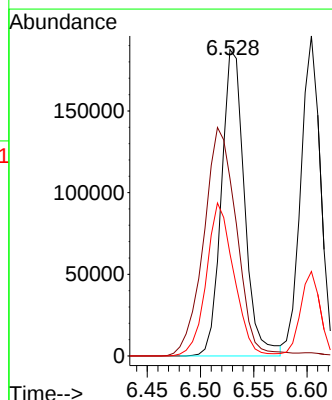
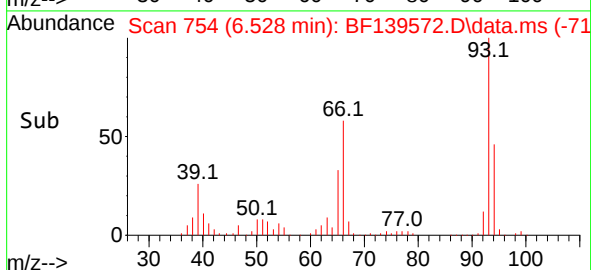
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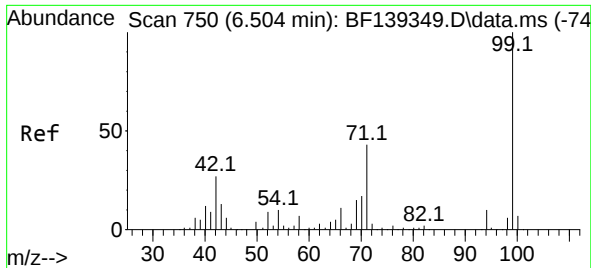


#6
Aniline
Concen: 59.780 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.041 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59



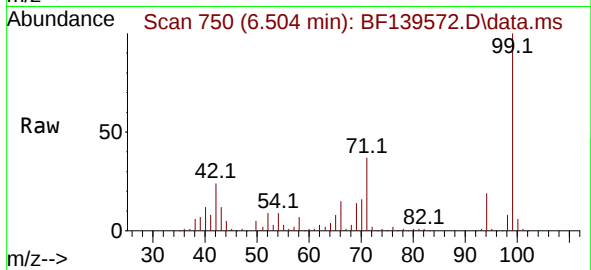
Tgt Ion: 93 Resp: 281688
Ion Ratio Lower Upper
93 100
66 58.0 35.4 53.0#
65 33.4 18.2 27.4#





#7
Phenol-d6
Concen: 135.969 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

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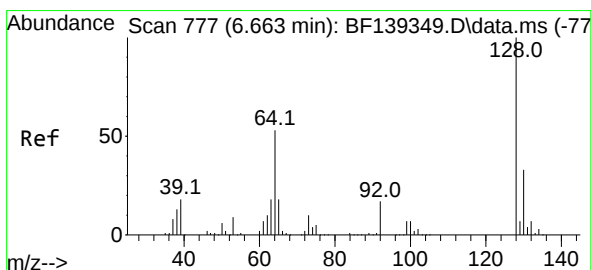
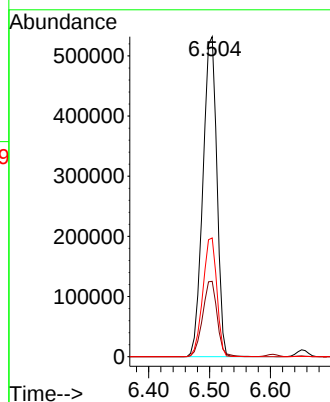


Tgt Ion: 99 Resp: 84898
Ion Ratio Lower Upper
99 100
42 23.6 21.9 32.9
71 37.1 34.6 52.0

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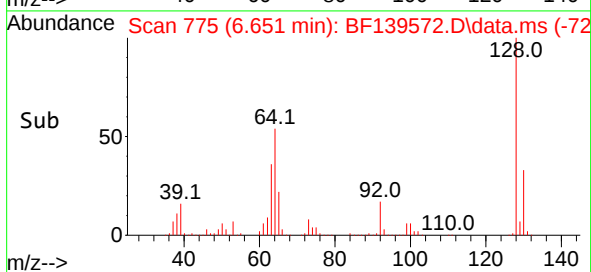
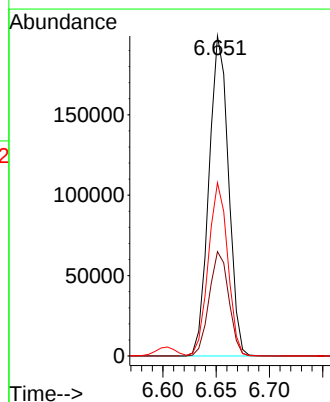
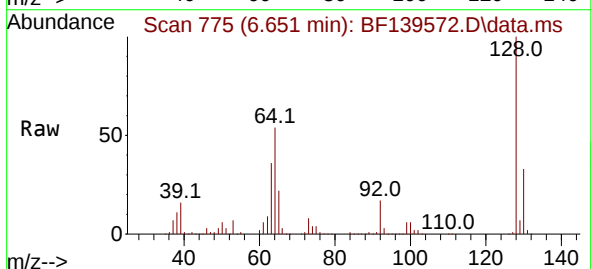
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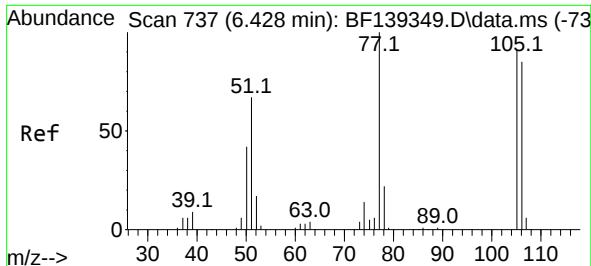
Supervised By :mohammad
ahmed
10/01/2024



#8
2-Chlorophenol
Concen: 51.963 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:128 Resp: 254453
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 54.1 35.1 75.1





#9
Benzaldehyde
Concen: 12.134 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion: 77 Resp: 43774
Ion Ratio Lower Upper
77 100
105 94.7 71.0 111.0
106 91.1 64.9 104.9

Manual Integrations
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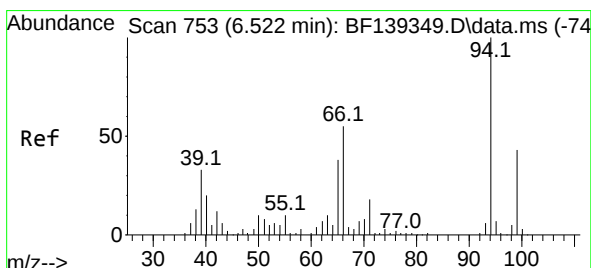
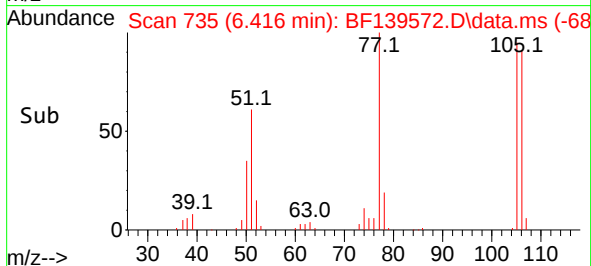
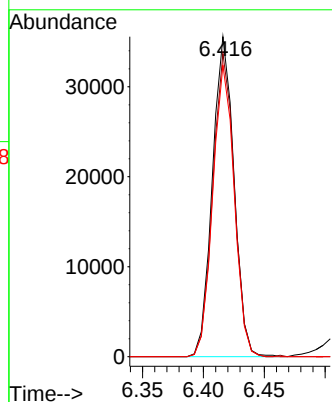
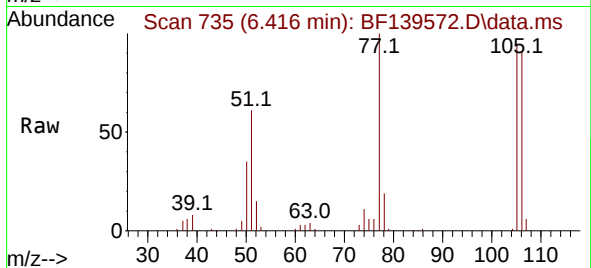
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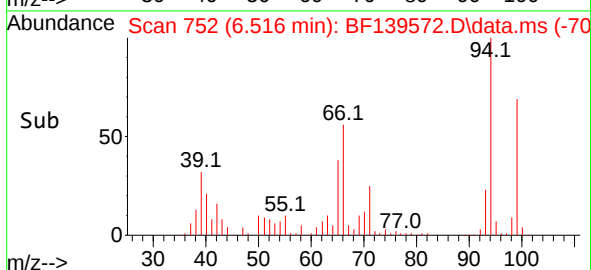
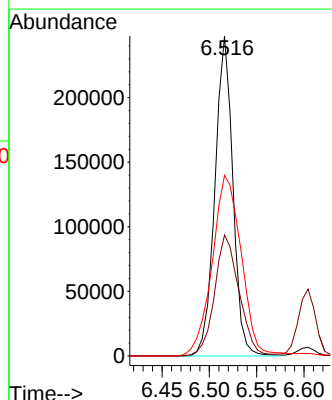
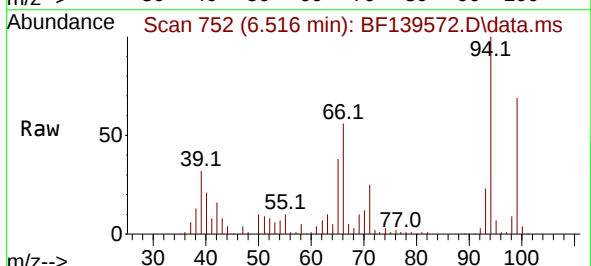
ahmed

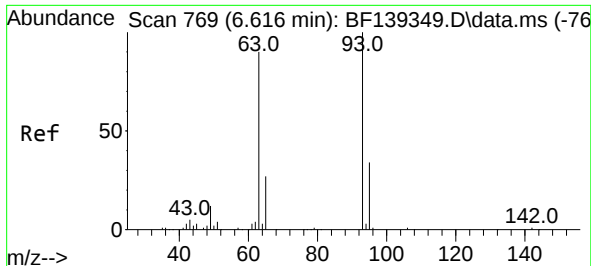
10/01/2024



#10
Phenol
Concen: 51.483 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion: 94 Resp: 327400
Ion Ratio Lower Upper
94 100
65 37.8 17.6 57.6
66 56.5 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 51.802 ng
RT: 6.604 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

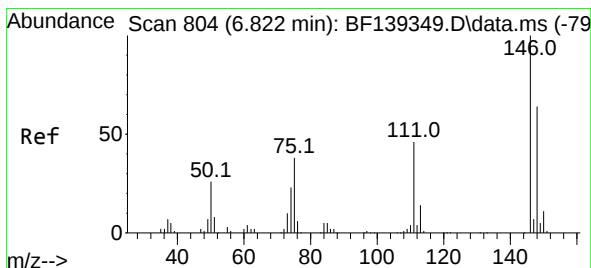
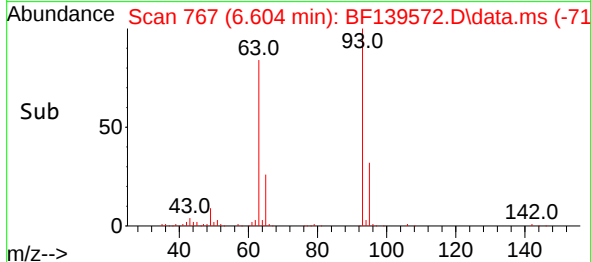
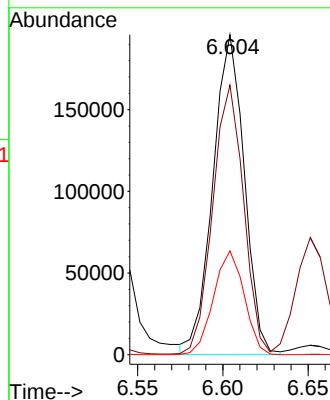
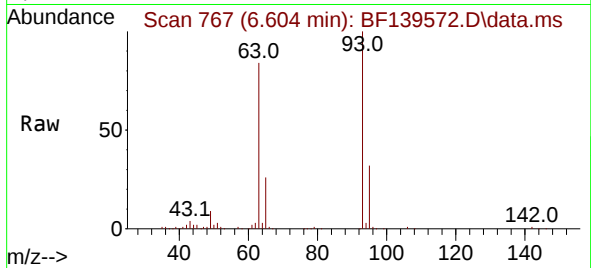
PB163737BS

Tgt Ion: 93 Resp: 25038
Ion Ratio Lower Upper
93 100
63 84.3 65.3 105.3
95 32.5 12.4 52.4

Manual Integrations
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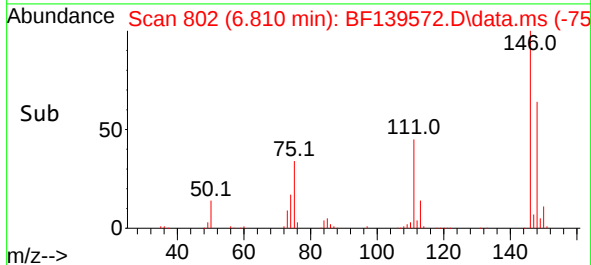
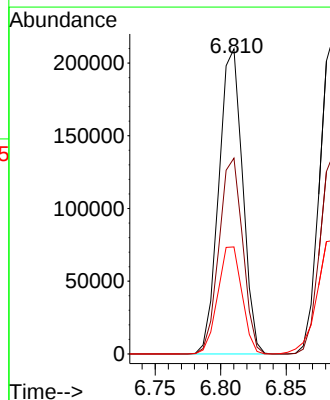
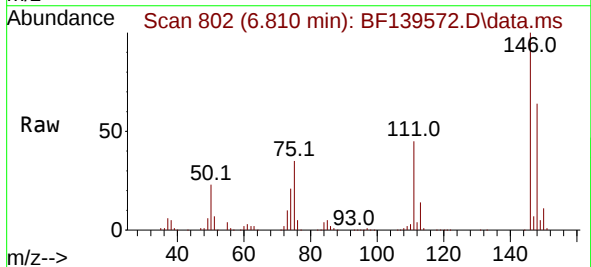
Reviewed By :Yogesh
Patel
10/01/2024

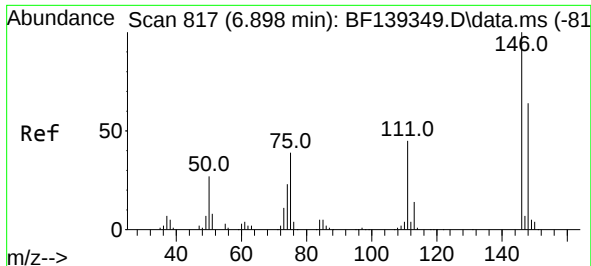
Supervised By :mohammad
ahmed
10/01/2024



#12
1,3-Dichlorobenzene
Concen: 47.440 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

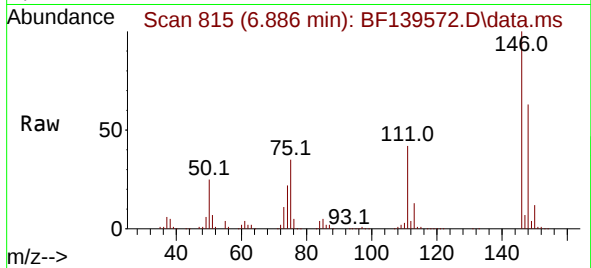
Tgt Ion:146 Resp: 264192
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 35.1 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 48.481 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

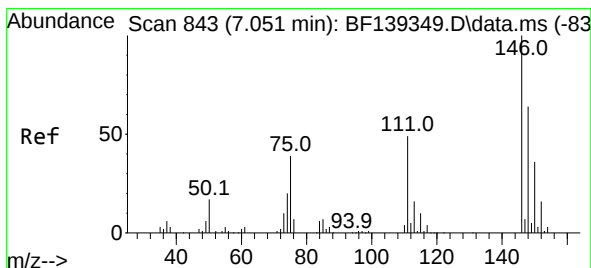
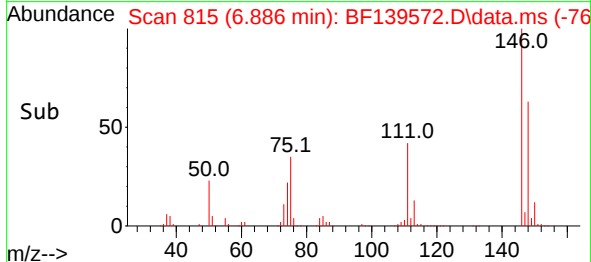
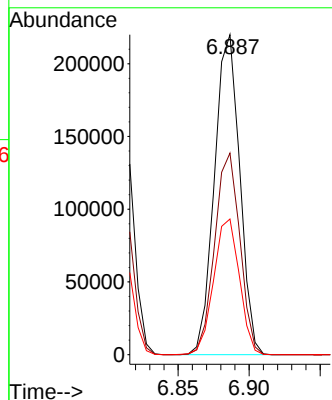


Tgt Ion:146 Resp: 272838
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 42.4 36.3 54.5

Manual Integrations
APPROVED

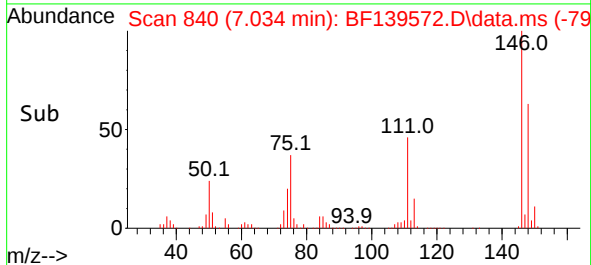
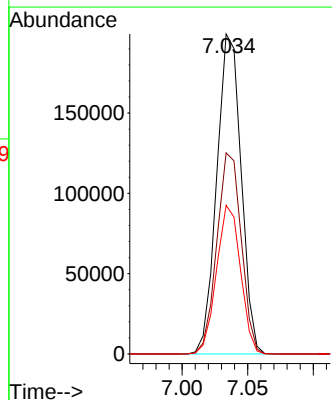
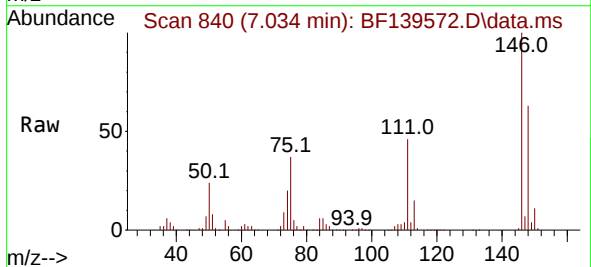
Reviewed By :Yogesh
Patel
10/01/2024

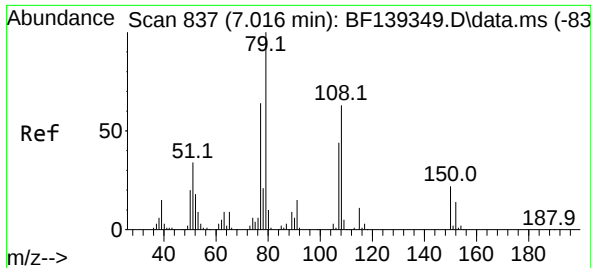
Supervised By :mohammad
ahmed
10/01/2024



#14
1,2-Dichlorobenzene
Concen: 48.362 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:146 Resp: 257173
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
111 46.4 38.9 58.3





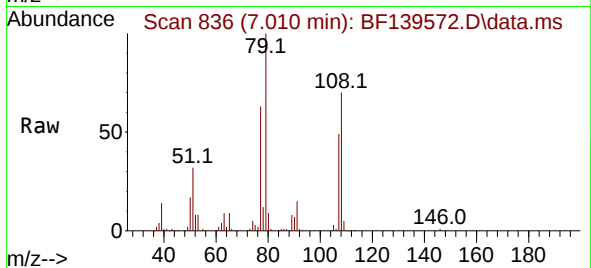
#15
Benzyl Alcohol
Concen: 48.696 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion: 79 Resp: 242583
Ion Ratio Lower Upper
79 100
108 70.3 50.4 75.6
77 63.1 51.4 77.2

Manual Integrations
APPROVED

Reviewed By :Yogesh

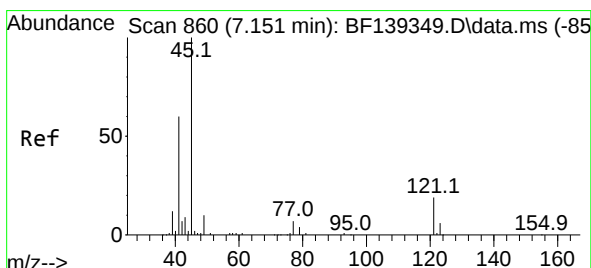
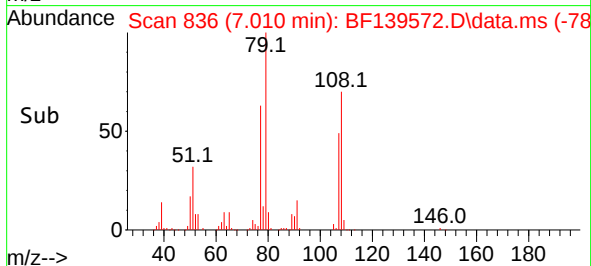
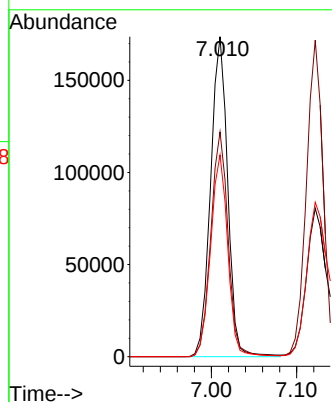
Patel

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Supervised By :mohammad

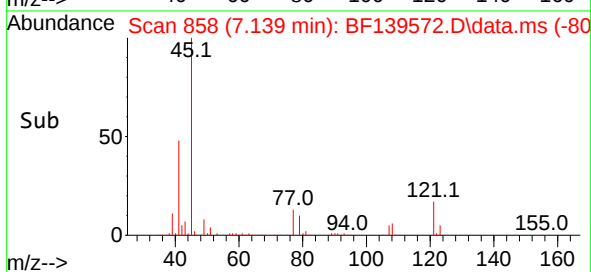
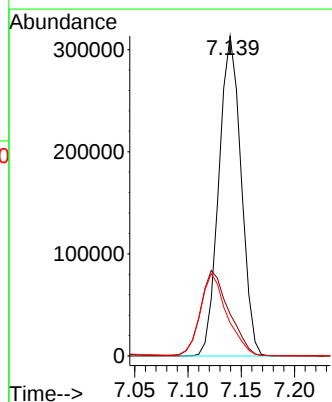
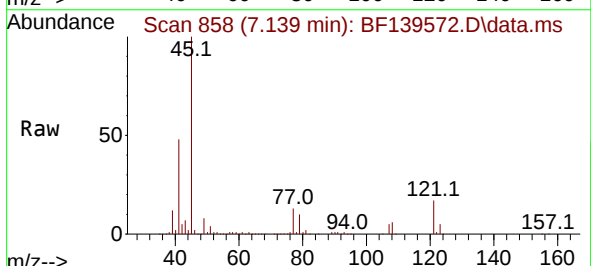
ahmed

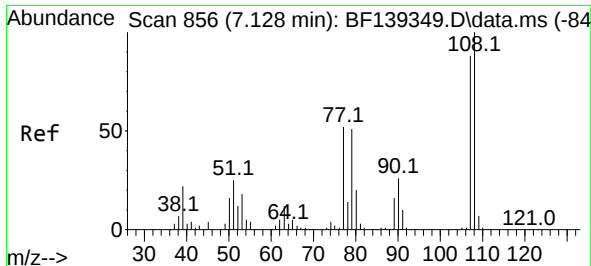
10/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.971 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion: 45 Resp: 454171
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.0
79 10.4 0.0 29.1





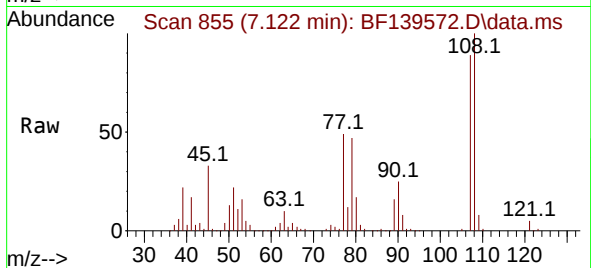
#17
2-Methylphenol
Concen: 53.150 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:107 Resp: 206784
Ion Ratio Lower Upper
107 100
108 112.6 90.5 135.7
77 54.9 47.1 70.7
79 52.8 46.6 69.8

Manual Integrations

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Reviewed By :Yogesh

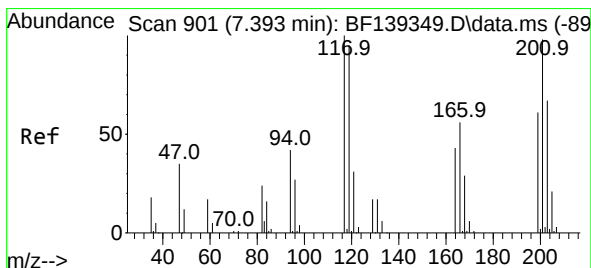
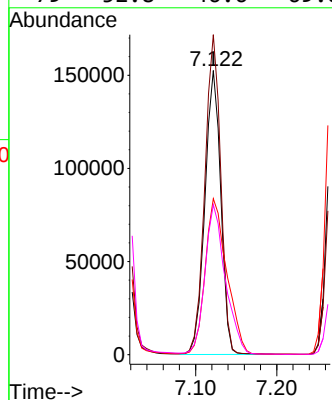
Patel

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Supervised By :mohammad

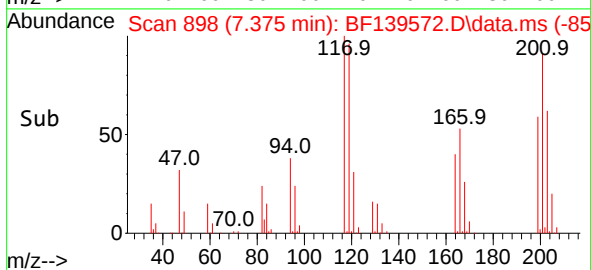
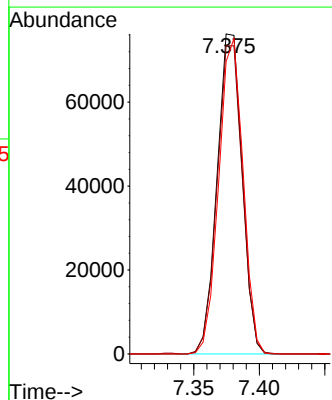
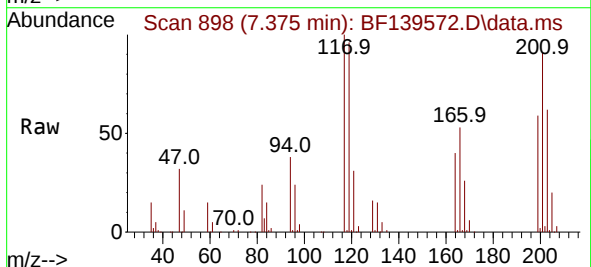
ahmed

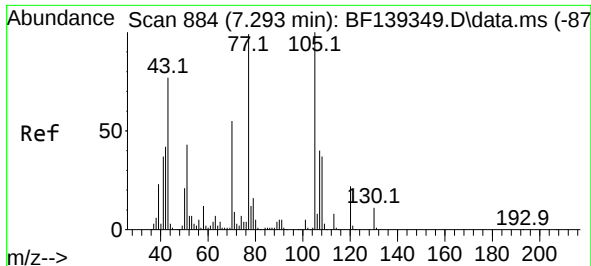
10/01/2024



#18
Hexachloroethane
Concen: 47.247 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:117 Resp: 101275
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 91.4 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 51.650 ng
RT: 7.281 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion: 70 Resp: 19111
Ion Ratio Lower Upper
70 100
42 72.8 61.2 91.8
101 9.7 7.5 11.3
130 19.8 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh

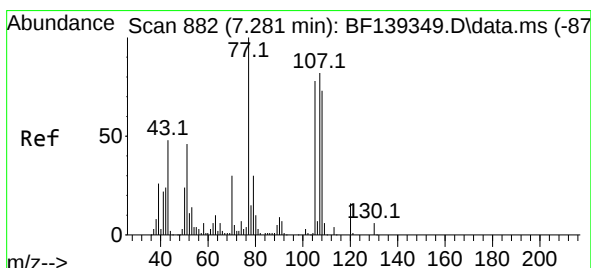
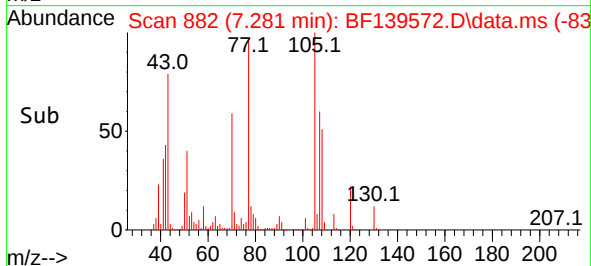
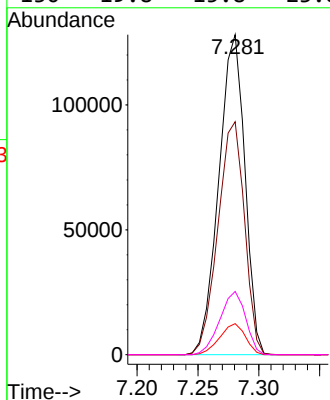
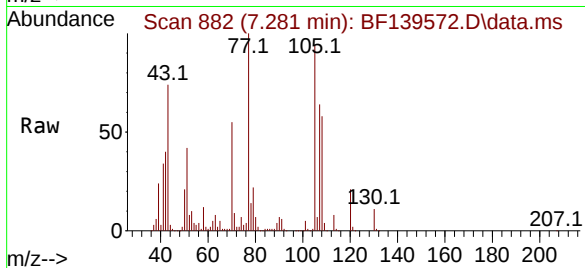
Patel

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Supervised By :mohammad

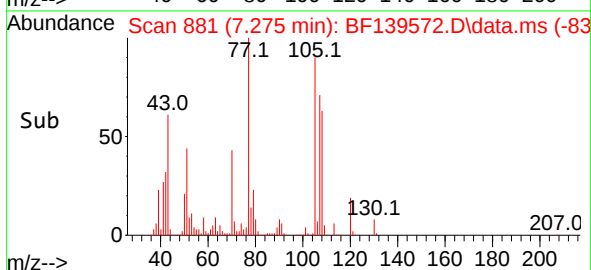
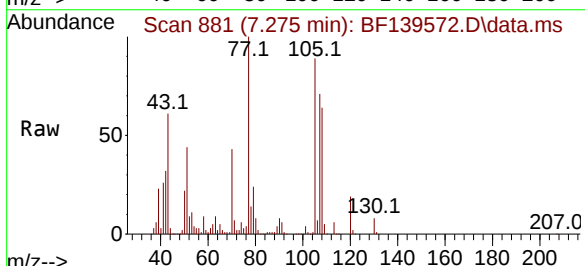
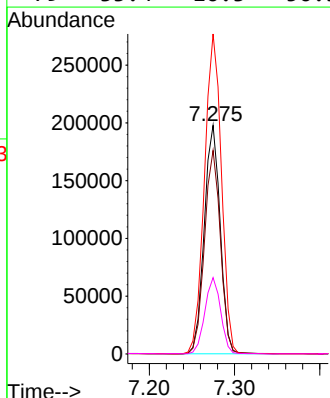
ahmed

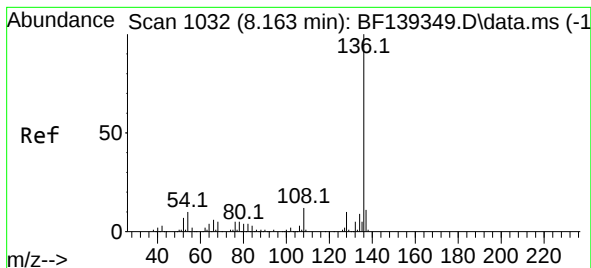
10/01/2024



#20
3+4-Methylphenols
Concen: 48.428 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:107 Resp: 257050
Ion Ratio Lower Upper
107 100
108 89.0 68.6 108.6
77 140.0 101.6 141.6
79 33.4 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion:136 Resp: 287808
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.5 7.8 11.8
68 5.9 3.6 5.4

Manual Integrations
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Reviewed By :Yogesh

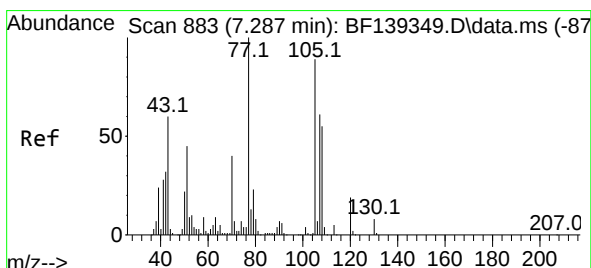
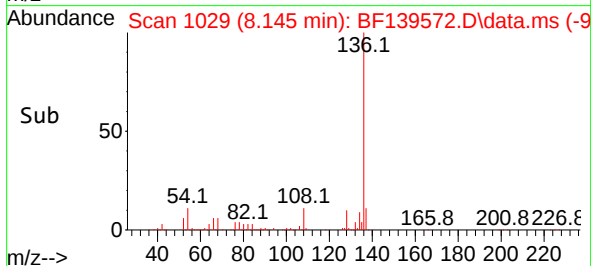
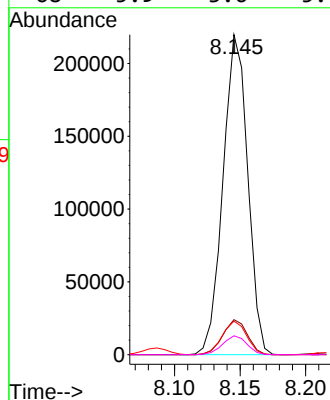
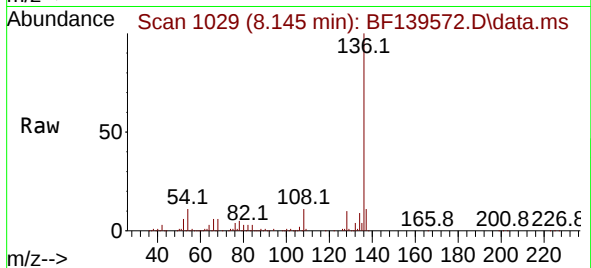
Patel

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Supervised By :mohammad

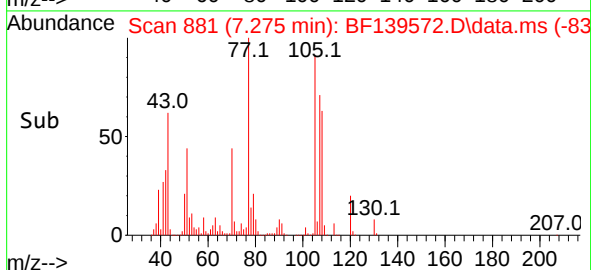
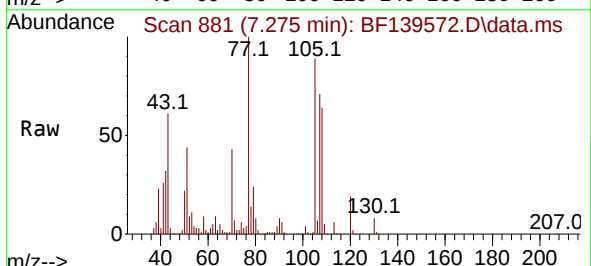
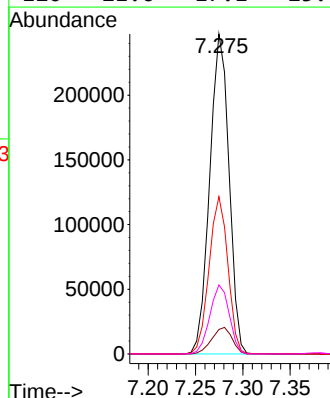
ahmed

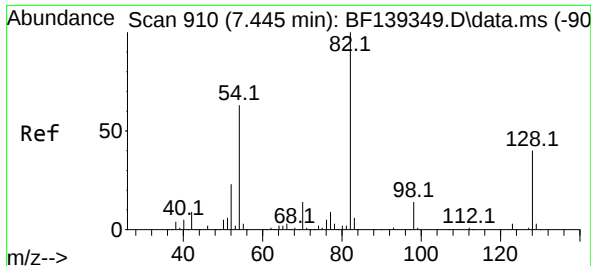
10/01/2024



#22
Acetophenone
Concen: 46.508 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:105 Resp: 349931
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 49.1 40.0 60.0
120 21.6 17.1 25.7





#23

Nitrobenzene-d5

Concen: 90.534 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion: 82 Resp: 55425

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.8	47.6
54	61.3	50.6	75.8

Manual Integrations
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Reviewed By :Yogesh

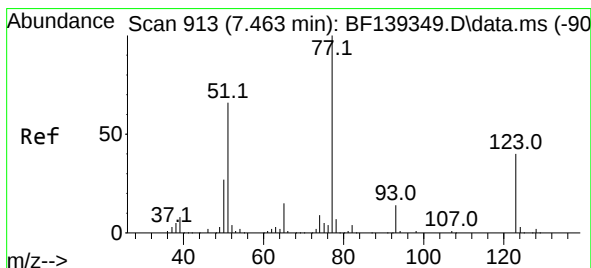
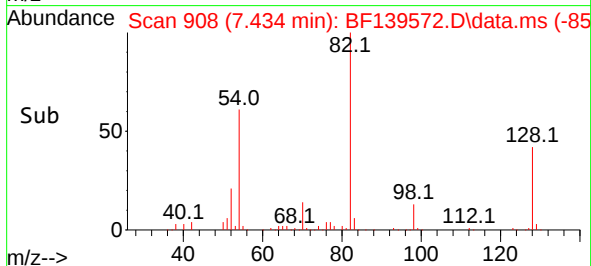
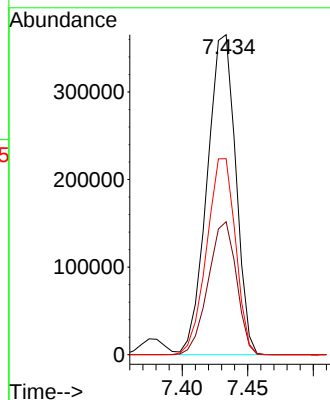
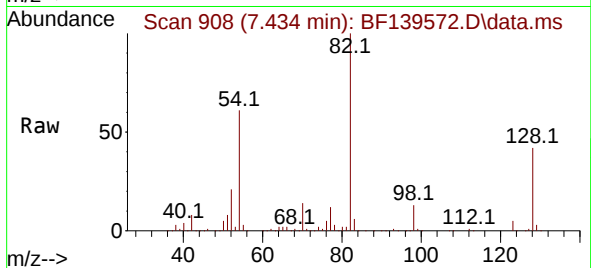
Patel

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Supervised By :mohammad

ahmed

10/01/2024



#24

Nitrobenzene

Concen: 46.202 ng

RT: 7.451 min Scan# 911

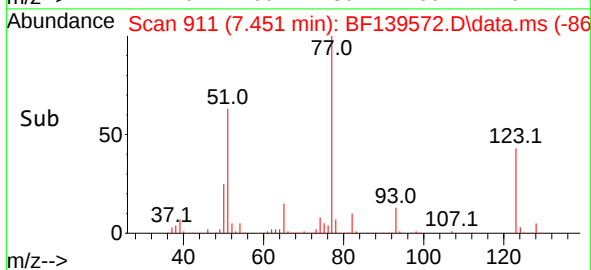
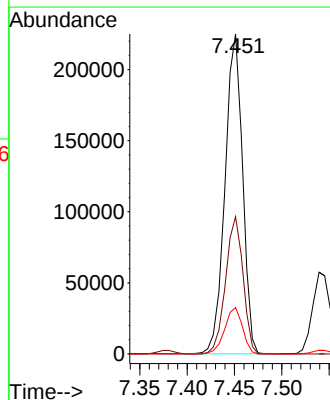
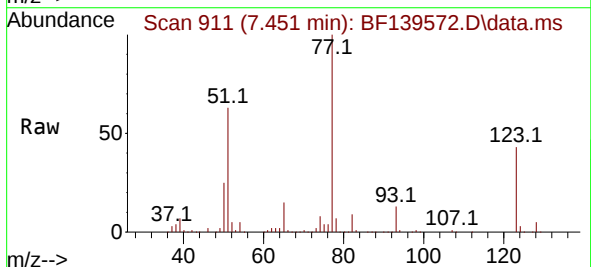
Delta R.T. -0.012 min

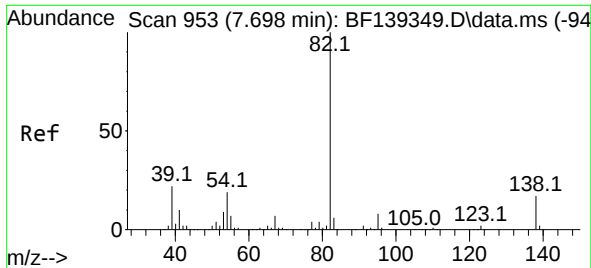
Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

Tgt Ion: 77 Resp: 291114

Ion	Ratio	Lower	Upper
77	100		
123	42.9	32.2	48.4
65	14.5	12.2	18.4





#25
Isophorone
Concen: 53.091 ng
RT: 7.686 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

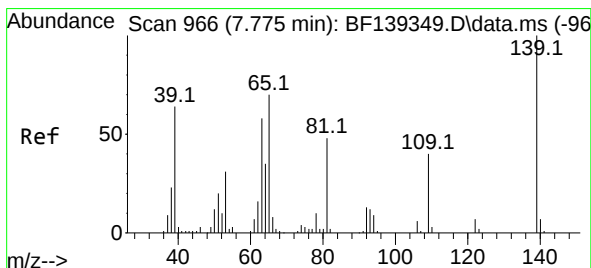
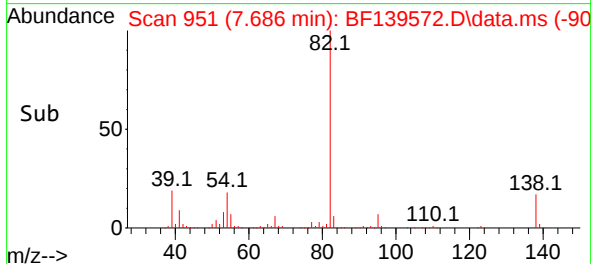
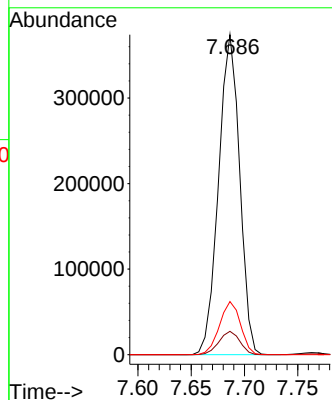
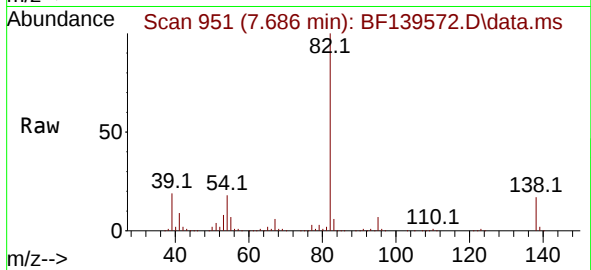
Instrument :
BNA_F
ClientSampleId :
PB163737BS

Tgt Ion: 82 Resp: 51403
Ion Ratio Lower Upper
82 100
95 7.3 6.7 10.1
138 16.6 13.3 19.9

Manual Integrations
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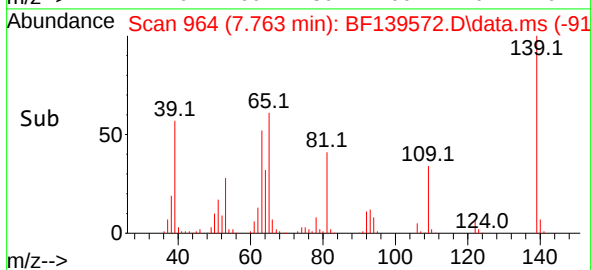
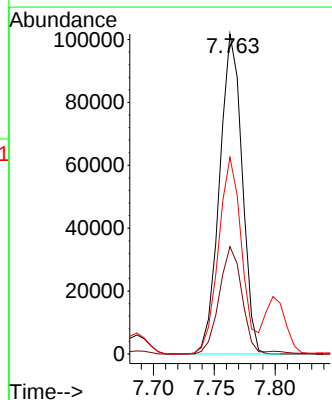
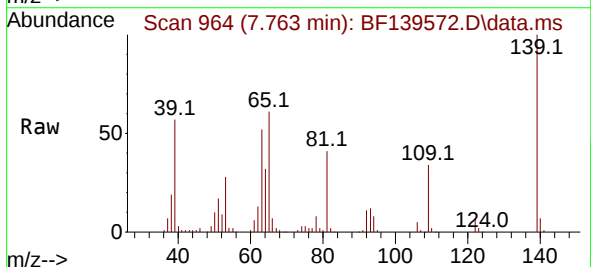
Reviewed By :Yogesh
Patel
10/01/2024

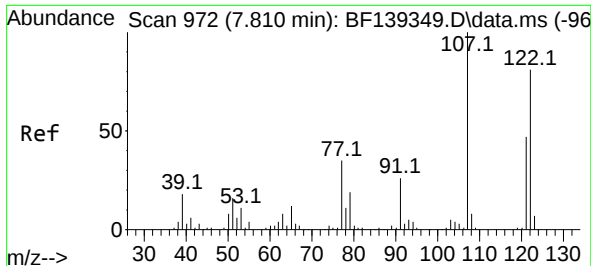
Supervised By :mohammad
ahmed
10/01/2024



#26
2-Nitrophenol
Concen: 53.395 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:139 Resp: 131074
Ion Ratio Lower Upper
139 100
109 33.6 32.2 48.2
65 61.5 55.8 83.8





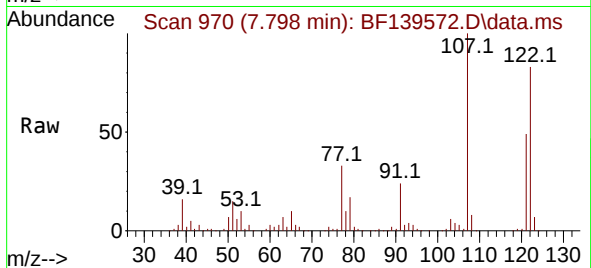
#27
2,4-Dimethylphenol
Concen: 63.784 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:122 Resp: 206539
Ion Ratio Lower Upper
122 100
107 120.2 99.1 148.7
121 58.6 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh

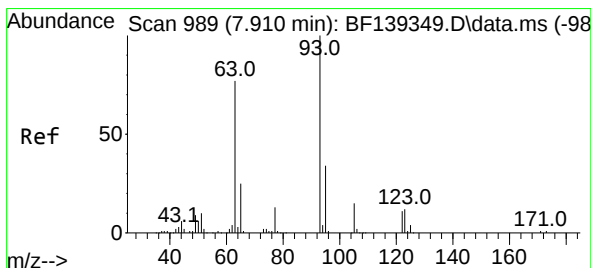
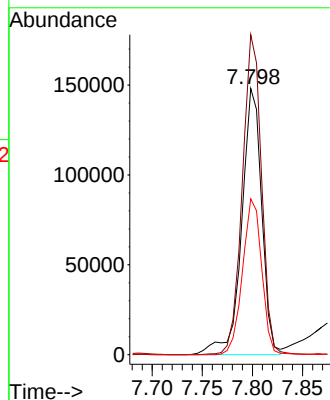
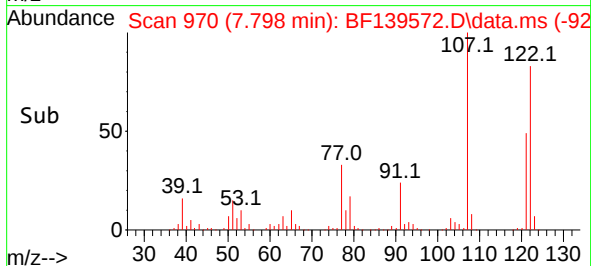
Patel

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Supervised By :mohammad

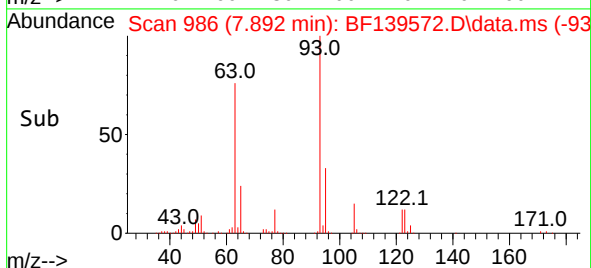
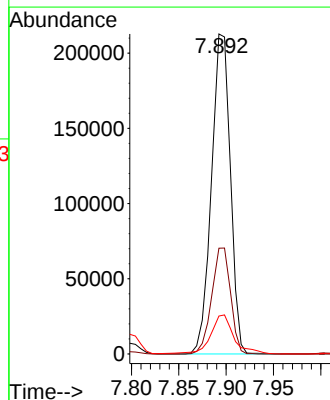
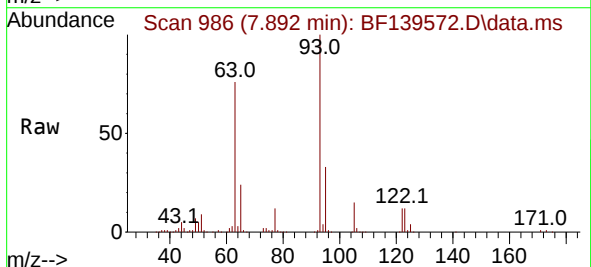
ahmed

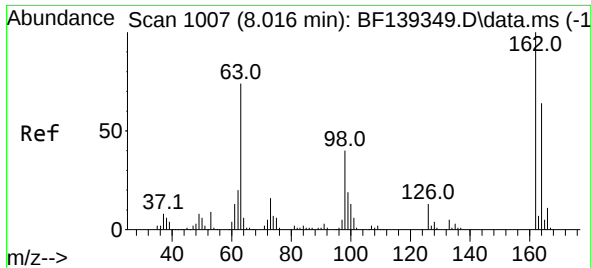
10/01/2024



#28
bis(2-Chloroethoxy)methane
Concen: 53.541 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion: 93 Resp: 295442
Ion Ratio Lower Upper
93 100
95 33.1 26.9 40.3
123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 51.019 ng

RT: 8.004 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF139572.D

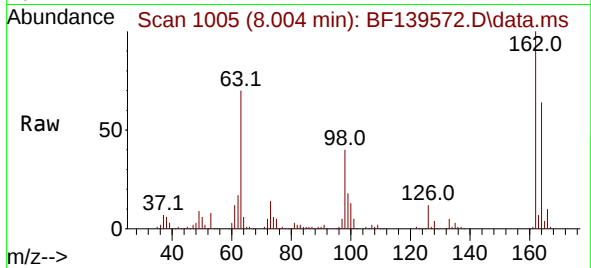
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:	162	Resp:	20987
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.6	83.6
98	40.4	19.7	59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh

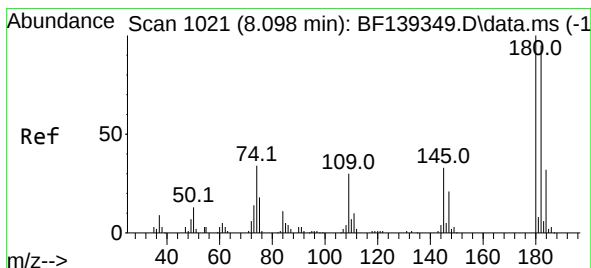
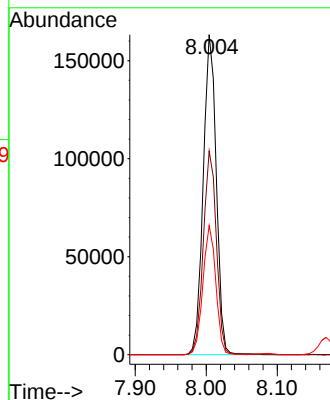
Patel

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Supervised By :mohammad

ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 46.191 ng

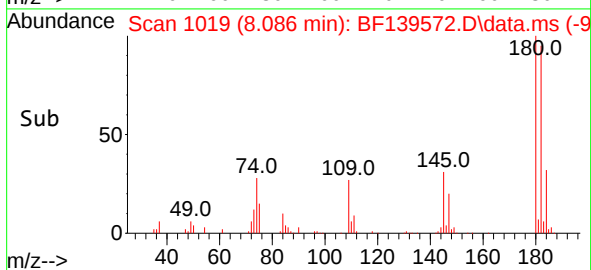
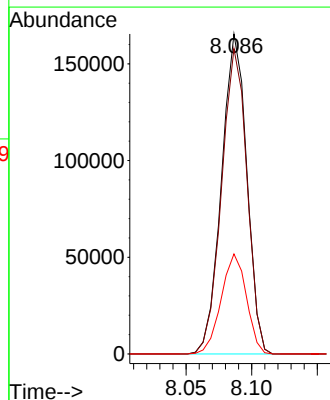
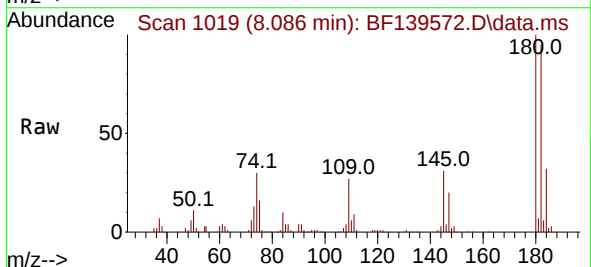
RT: 8.086 min Scan# 1019

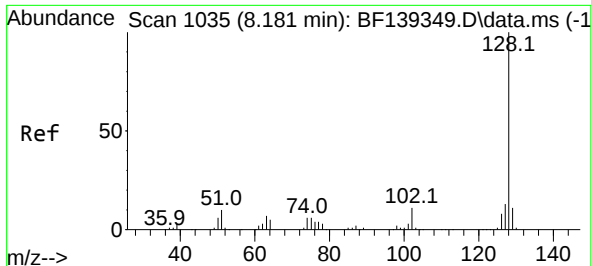
Delta R.T. -0.012 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

Tgt Ion:	180	Resp:	221397
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.7	113.5
145	31.2	26.5	39.7





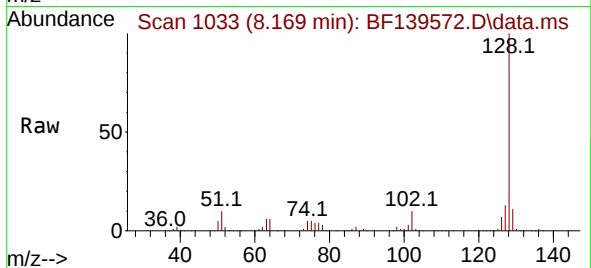
#31
Naphthalene
Concen: 49.565 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:128 Resp: 744723
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.6 16.0

Manual Integrations
APPROVED

Reviewed By :Yogesh

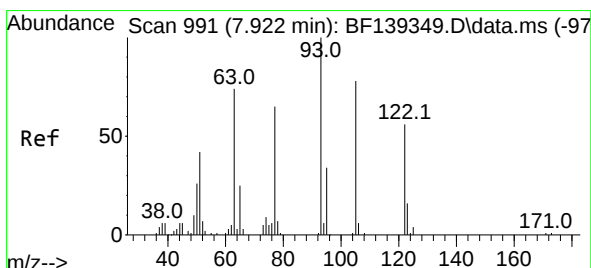
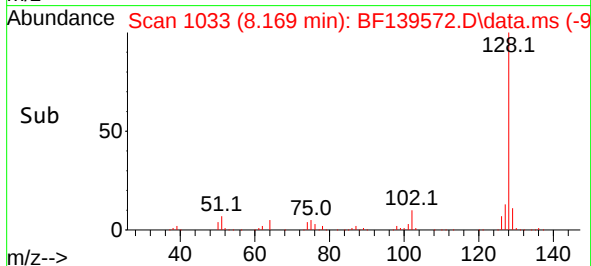
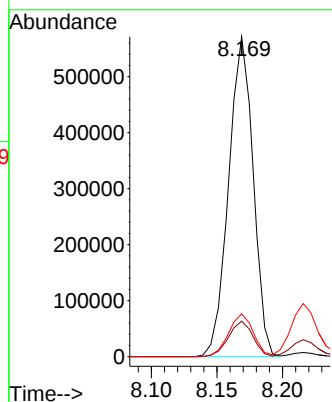
Patel

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Supervised By :mohammad

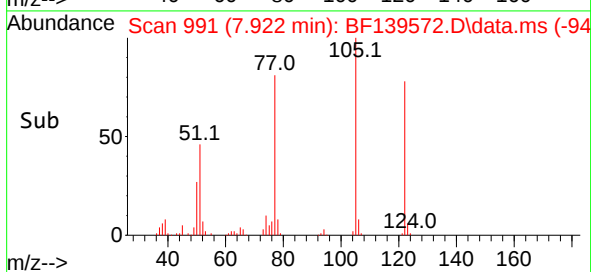
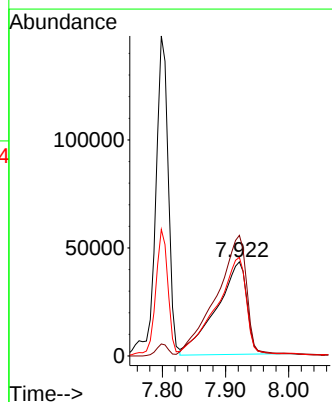
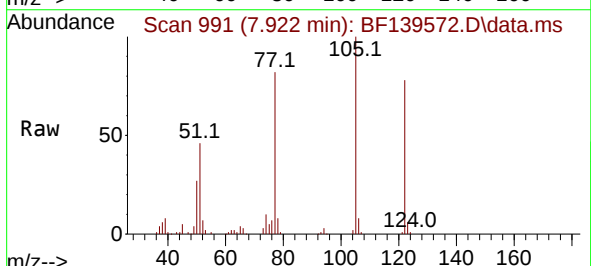
ahmed

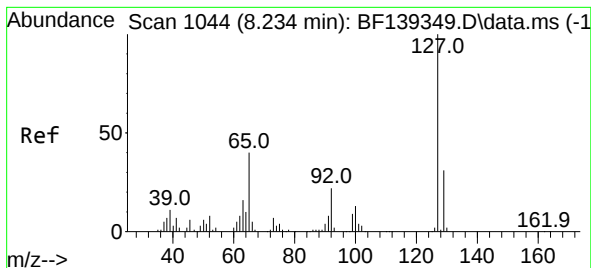
10/01/2024



#32
Benzoic acid
Concen: 47.139 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:122 Resp: 142846
Ion Ratio Lower Upper
122 100
105 128.4 117.1 157.1
77 104.8 95.4 135.4





#33

4-Chloroaniline

Concen: 30.870 ng

RT: 8.216 min Scan# 1041

Delta R.T. -0.018 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion:127 Resp: 141890

Ion Ratio Lower Upper

127 100

129 32.0 25.5 38.3

65 35.7 31.5 47.3

92 20.9 17.6 26.4

Manual Integrations

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Reviewed By :Yogesh

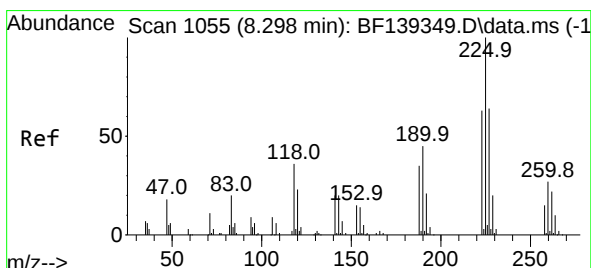
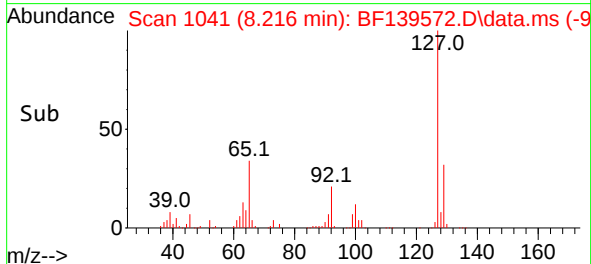
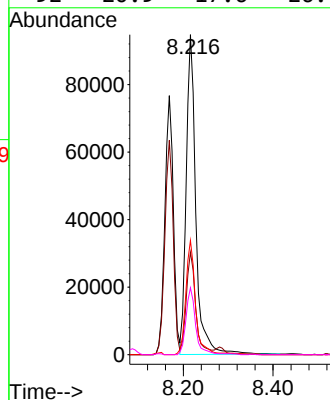
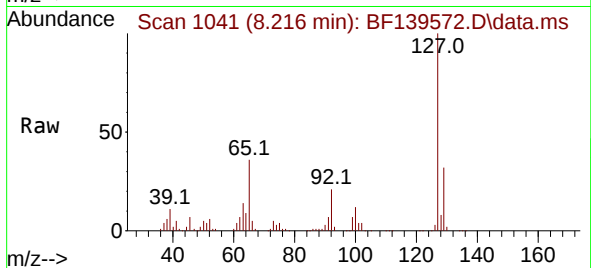
Patel

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Supervised By :mohammad

ahmed

10/01/2024



#34

Hexachlorobutadiene

Concen: 44.455 ng

RT: 8.281 min Scan# 1052

Delta R.T. -0.018 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

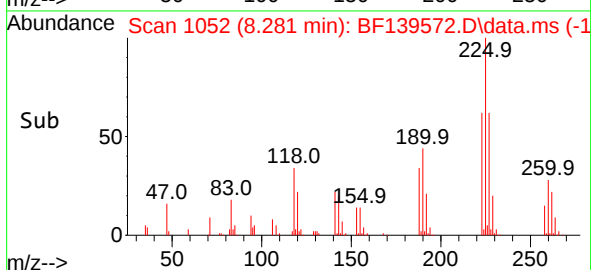
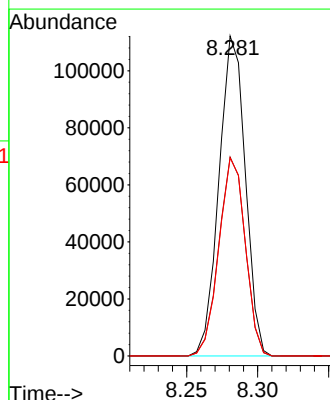
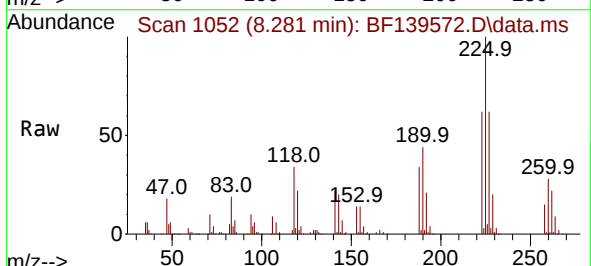
Tgt Ion:225 Resp: 144761

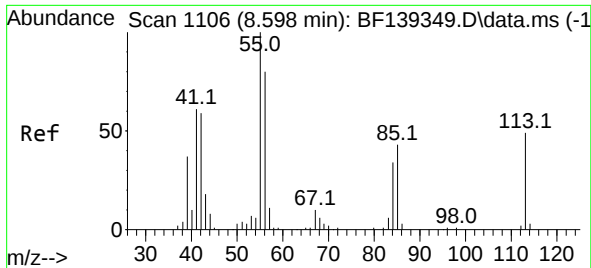
Ion Ratio Lower Upper

225 100

223 62.2 50.1 75.1

227 61.9 51.0 76.6





#35
Caprolactam
Concen: 55.670 ng m
RT: 8.581 min Scan# 1103
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion:113 Resp: 7044
Ion Ratio Lower Upper
113 100
55 212.0 186.1 226.1
56 165.5 144.9 184.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

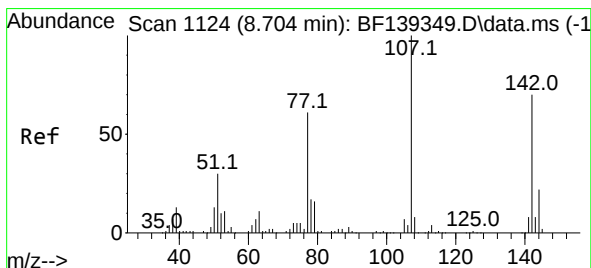
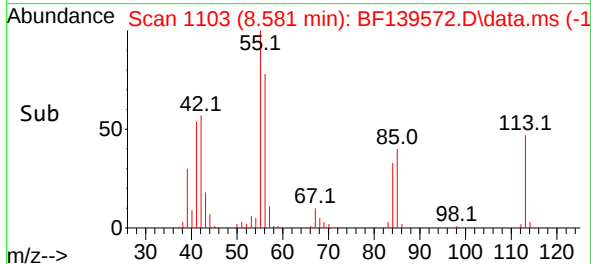
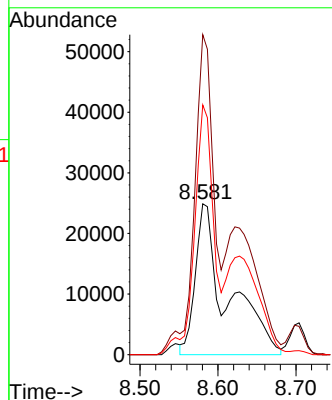
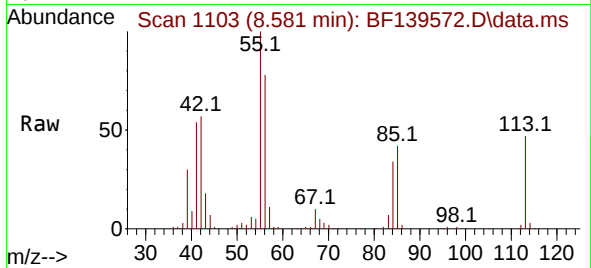
Patel

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Supervised By :mohammad

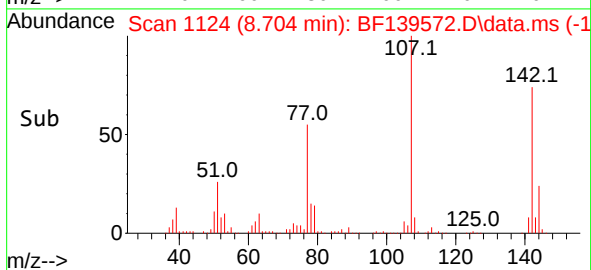
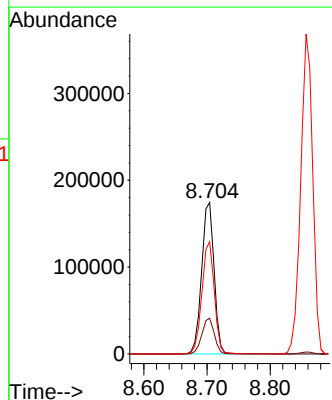
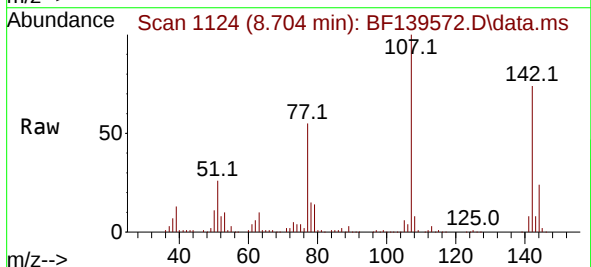
ahmed

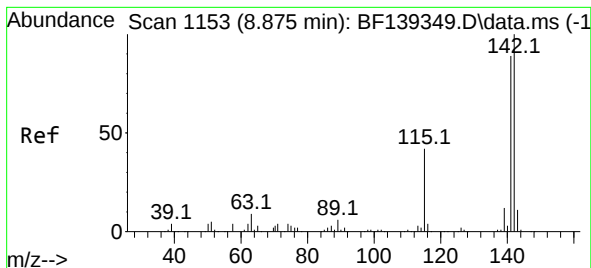
10/01/2024



#36
4-Chloro-3-methylphenol
Concen: 51.003 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:107 Resp: 239782
Ion Ratio Lower Upper
107 100
144 23.6 17.5 26.3
142 74.1 55.8 83.8





#37
2-Methylnaphthalene
Concen: 50.945 ng
RT: 8.857 min Scan# 1153
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion:142 Resp: 485860
Ion Ratio Lower Upper
142 100
141 87.9 71.6 107.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

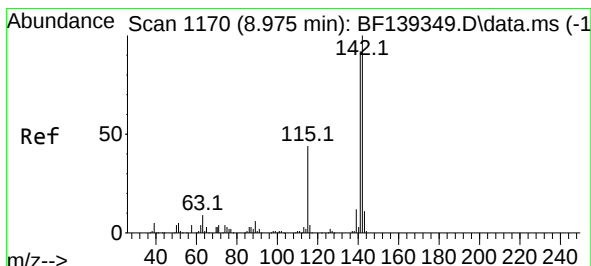
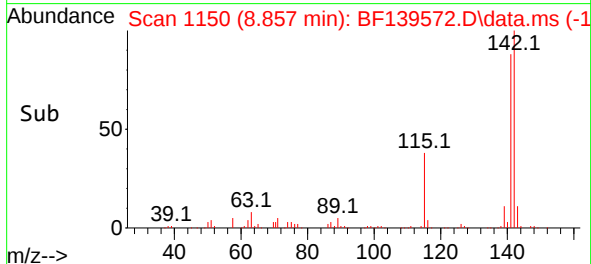
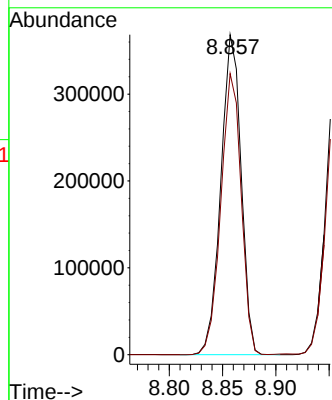
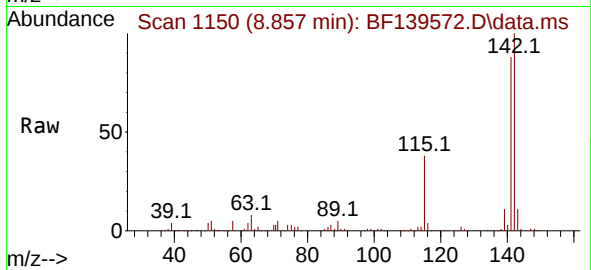
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Supervised By :mohammad

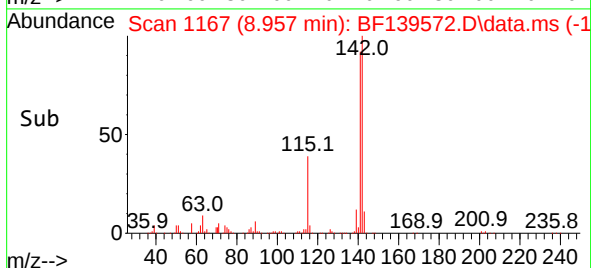
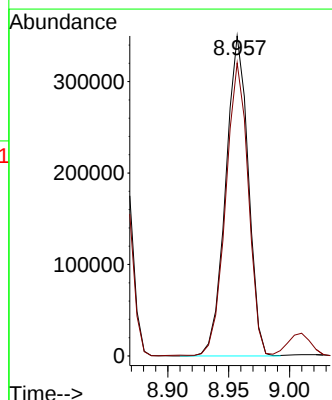
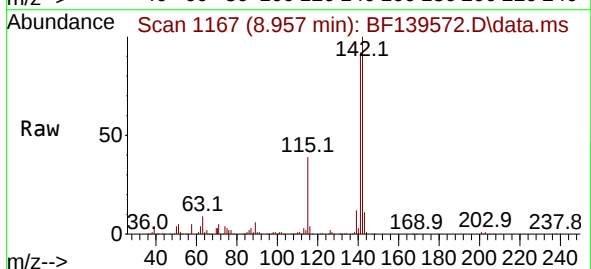
ahmed

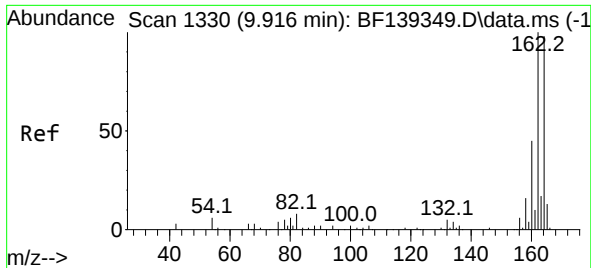
10/01/2024



#38
1-Methylnaphthalene
Concen: 48.225 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:142 Resp: 451539
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8





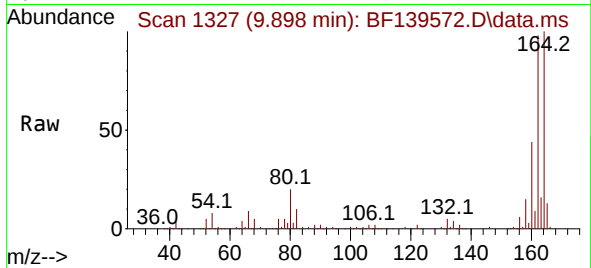
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:164 Resp: 160180
Ion Ratio Lower Upper
164 100
162 97.8 81.3 121.9
160 44.2 36.4 54.6

Manual Integrations
APPROVED

Reviewed By :Yogesh

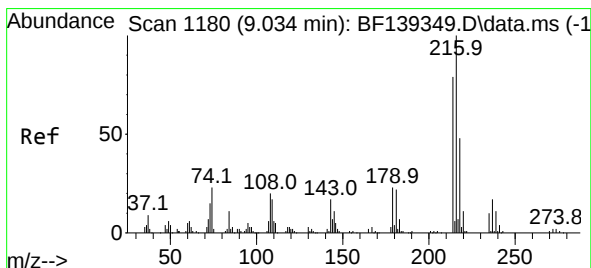
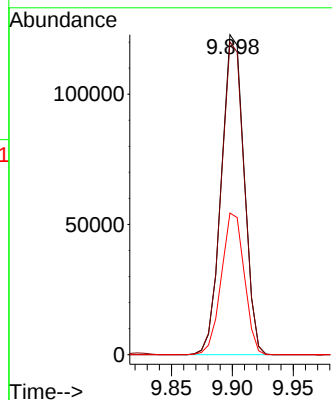
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Supervised By :mohammad

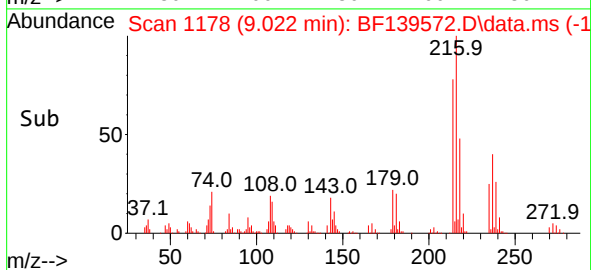
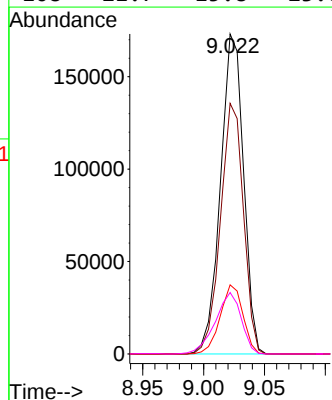
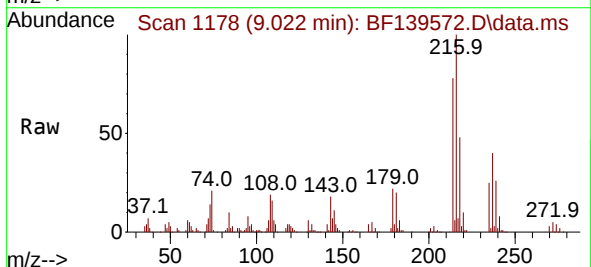
ahmed

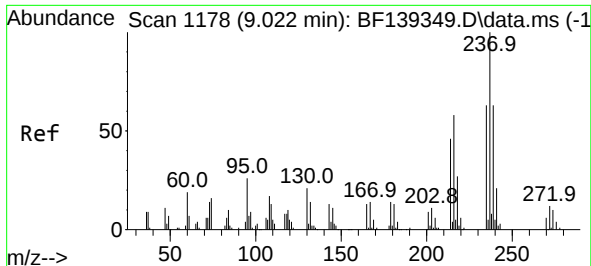
10/01/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.053 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

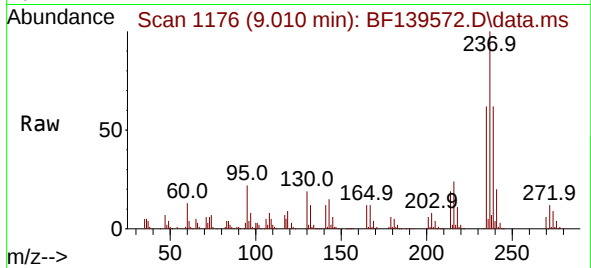
Tgt Ion:216 Resp: 228129
Ion Ratio Lower Upper
216 100
214 77.9 63.4 95.0
179 21.4 18.2 27.2
108 21.7 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 165.250 ng
RT: 9.010 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

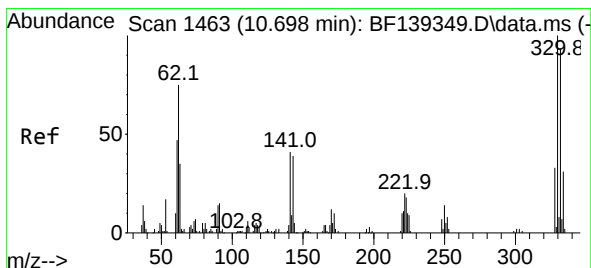
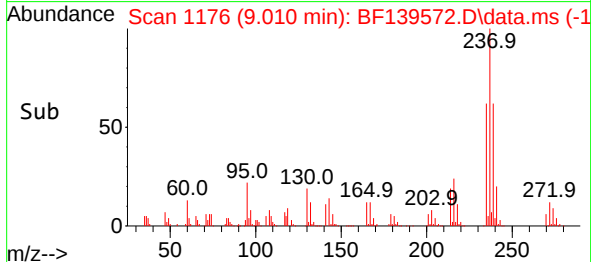
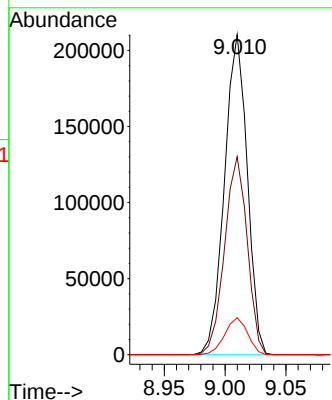


Tgt Ion:237 Resp: 273918
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 11.6 0.0 32.5

Manual Integrations
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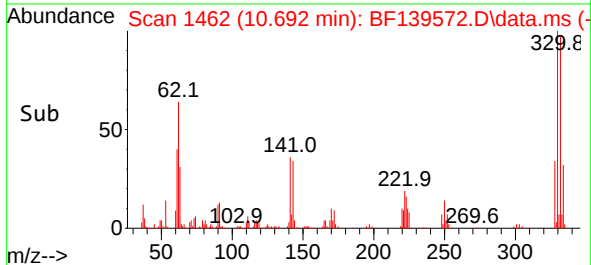
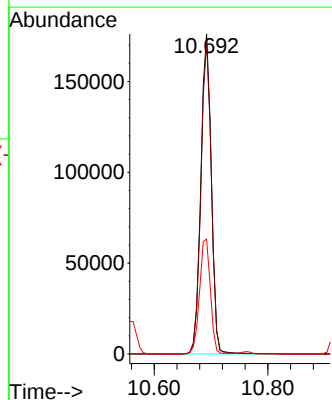
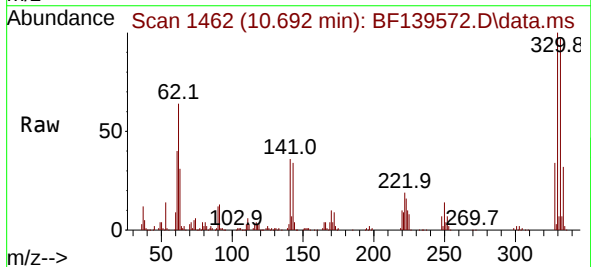
Reviewed By :Yogesh
Patel
10/01/2024

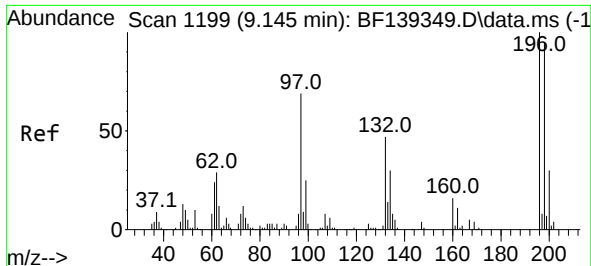
Supervised By :mohammad
ahmed
10/01/2024



#42
2,4,6-Tribromophenol
Concen: 132.736 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:330 Resp: 226365
Ion Ratio Lower Upper
330 100
332 97.1 75.2 112.8
141 37.3 31.2 46.8





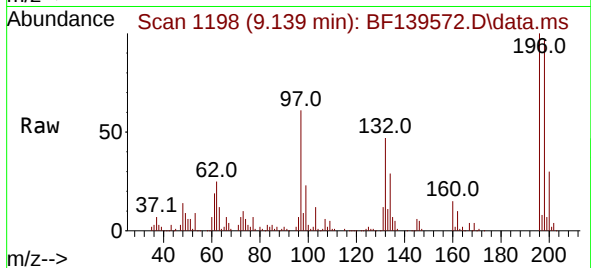
#43
2,4,6-Trichlorophenol
Concen: 50.717 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:196 Resp: 15664
Ion Ratio Lower Upper
196 100
198 97.3 75.8 113.6
200 30.2 24.1 36.1

Manual Integrations
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Reviewed By :Yogesh

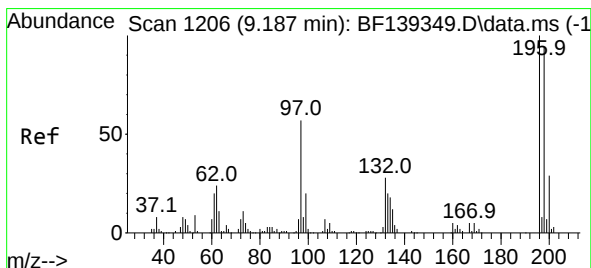
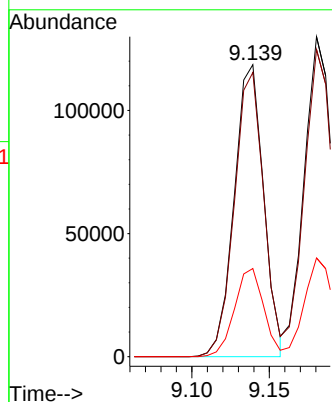
Patel

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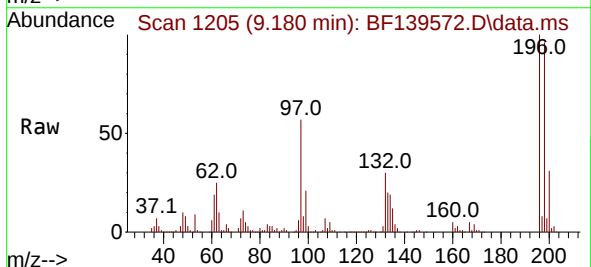
Supervised By :mohammad

ahmed

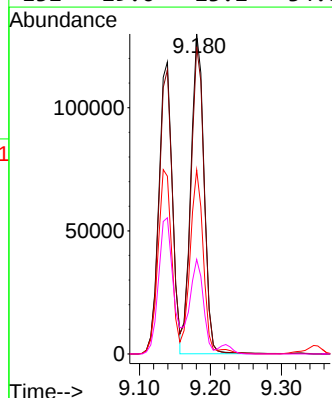
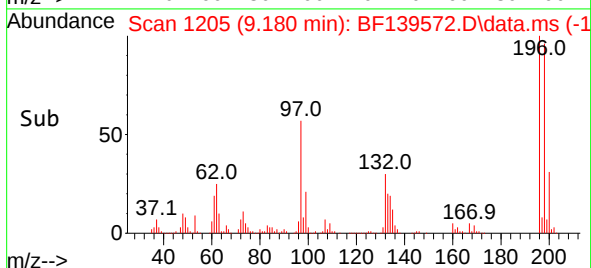
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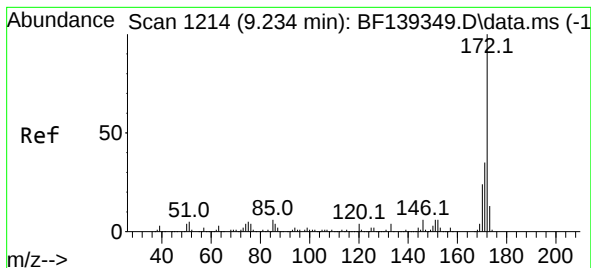


#44
2,4,5-Trichlorophenol
Concen: 51.629 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59



Tgt Ion:196 Resp: 168209
Ion Ratio Lower Upper
196 100
198 96.0 74.8 112.2
97 57.5 47.3 70.9
132 29.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 90.214 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion:172 Resp: 103035

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

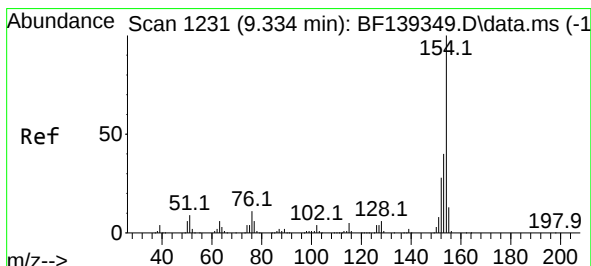
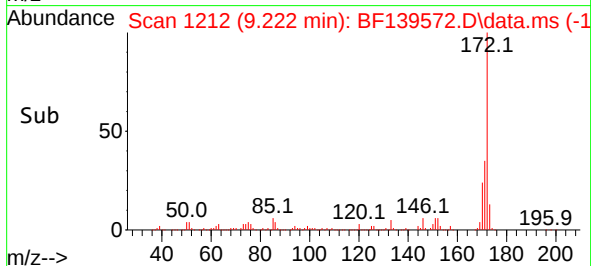
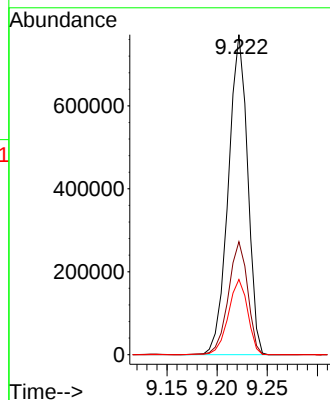
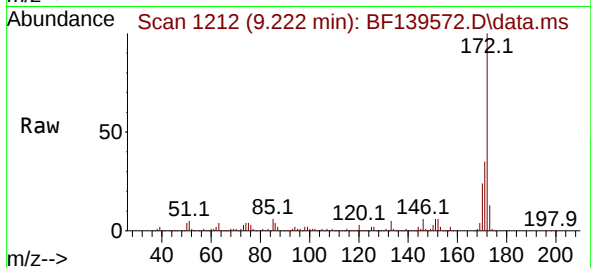
Patel

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Supervised By :mohammad

ahmed

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#46

1,1'-Biphenyl

Concen: 49.163 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

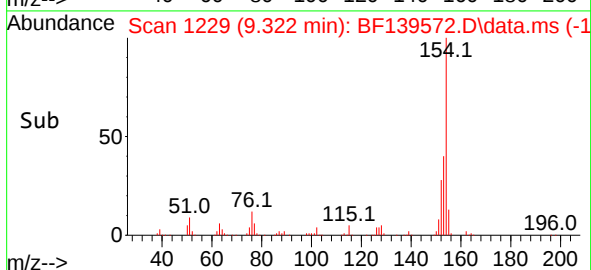
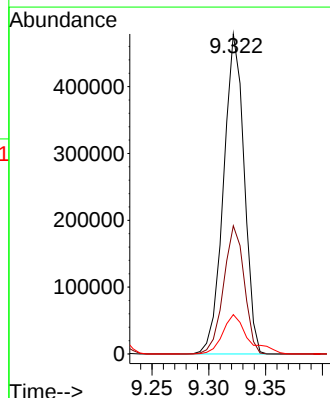
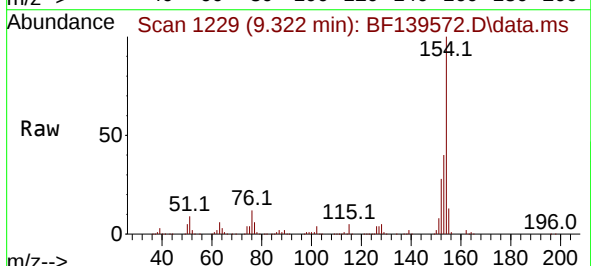
Tgt Ion:154 Resp: 605858

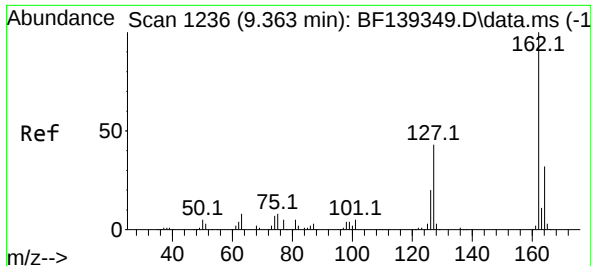
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 12.3 0.0 31.1





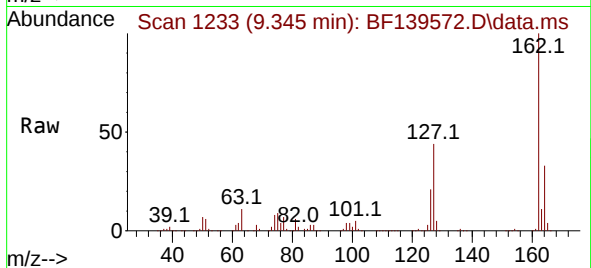
#47
2-Chloronaphthalene
Concen: 49.103 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:162 Resp: 452440
Ion Ratio Lower Upper
162 100
127 43.8 35.0 52.4
164 33.2 25.8 38.6

Manual Integrations
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Reviewed By :Yogesh

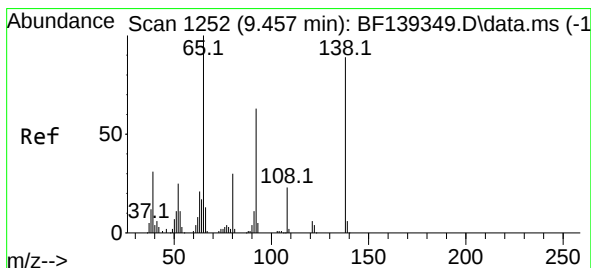
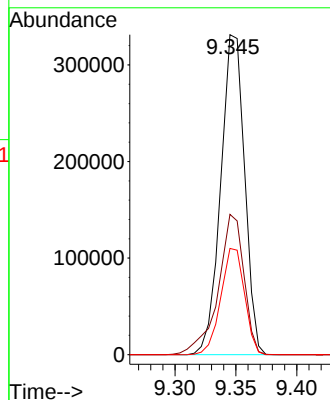
Patel

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Supervised By :mohammad

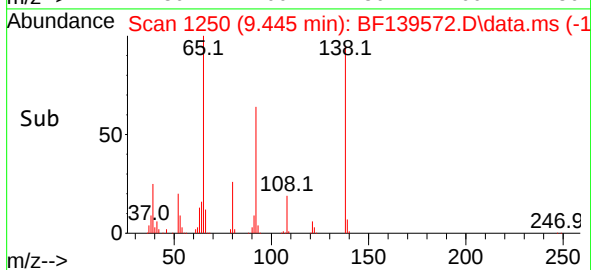
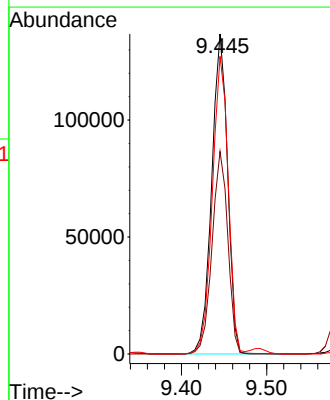
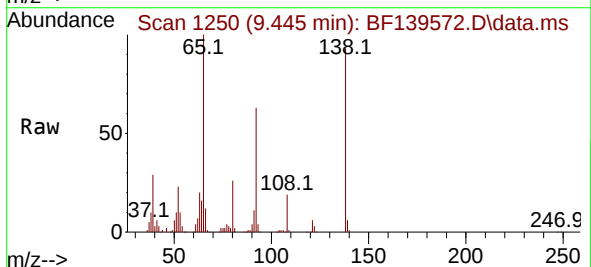
ahmed

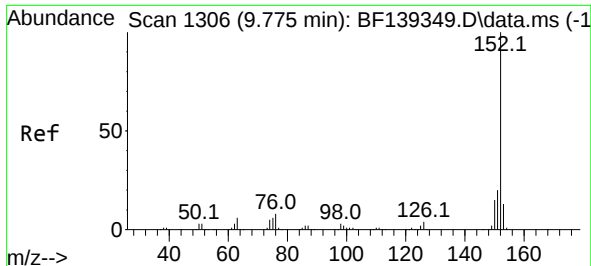
10/01/2024



#48
2-Nitroaniline
Concen: 51.740 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion: 65 Resp: 177326
Ion Ratio Lower Upper
65 100
92 63.3 50.3 75.5
138 93.0 71.3 106.9





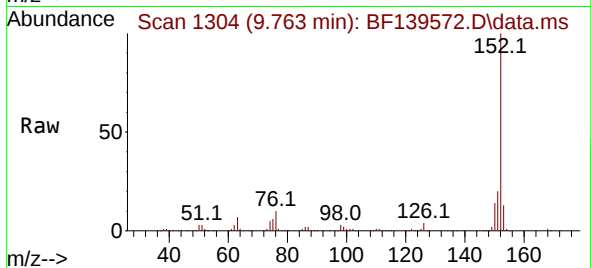
#49
Acenaphthylene
Concen: 54.475 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:152 Resp: 755579
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.1 10.3 15.5

Manual Integrations
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Reviewed By :Yogesh

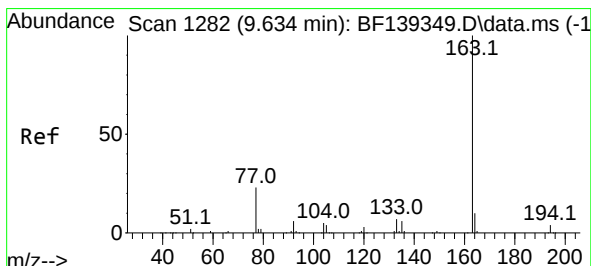
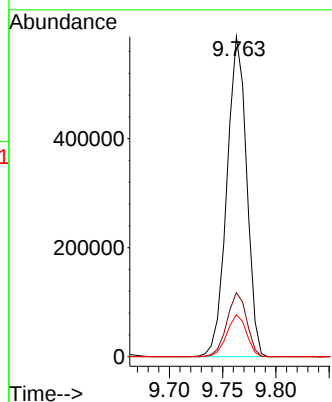
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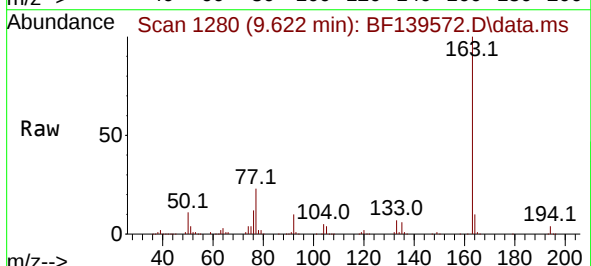
Supervised By :mohammad

ahmed

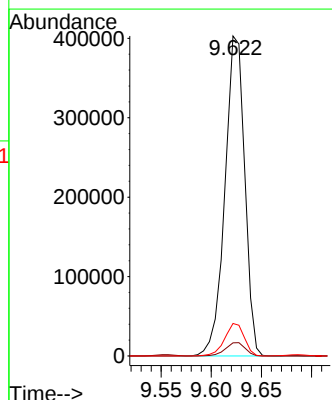
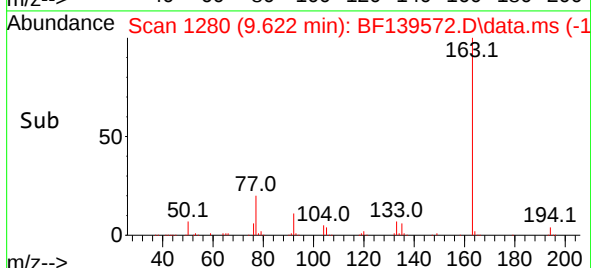
10/01/2024

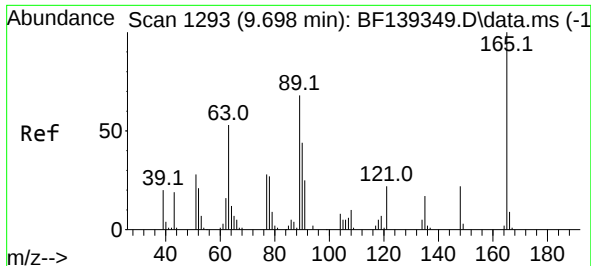


#50
Dimethylphthalate
Concen: 52.655 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59



Tgt Ion:163 Resp: 553602
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2





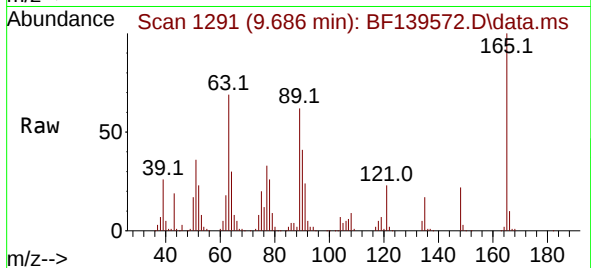
#51
2,6-Dinitrotoluene
Concen: 51.693 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:165 Resp: 120398
Ion Ratio Lower Upper
165 100
63 68.7 60.9 91.3
89 62.1 54.7 82.1

Manual Integrations
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Reviewed By :Yogesh

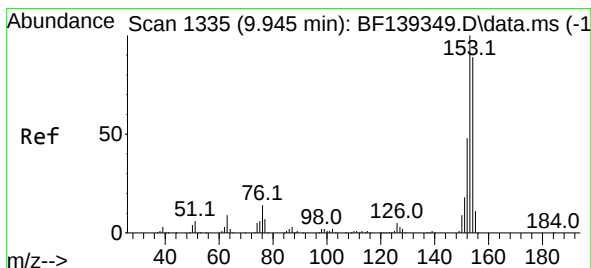
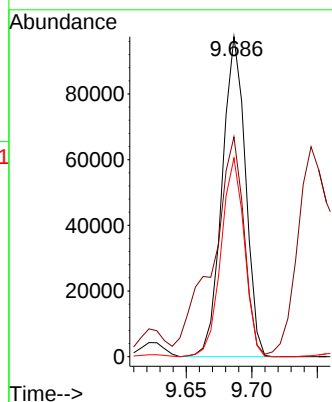
Patel

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Supervised By :mohammad

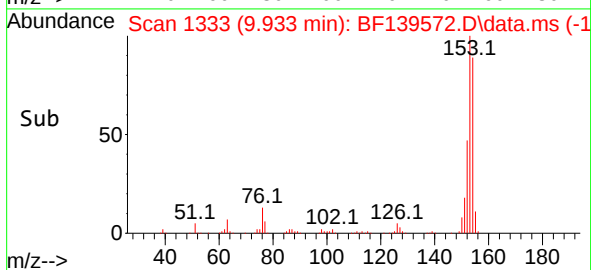
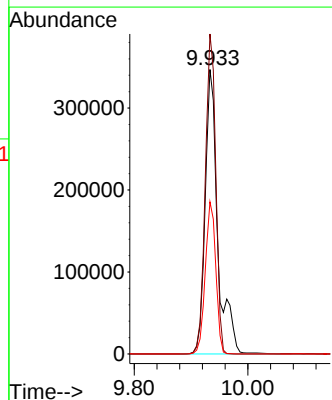
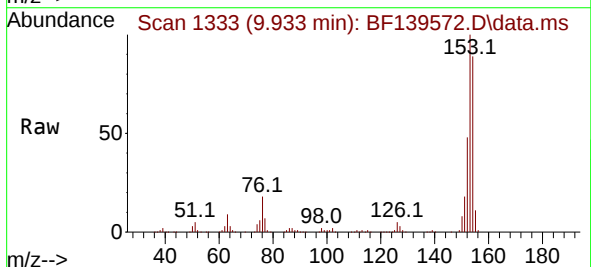
ahmed

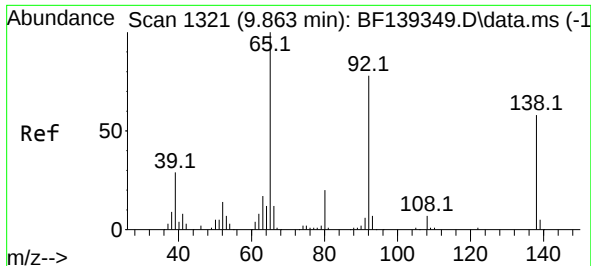
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#52
Acenaphthene
Concen: 55.205 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:154 Resp: 534407
Ion Ratio Lower Upper
154 100
153 112.5 89.5 134.3
152 53.5 42.6 64.0





#53
3-Nitroaniline
Concen: 37.347 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion:138 Resp: 86932
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.8
92 121.4 107.4 161.2

Manual Integrations
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Reviewed By :Yogesh

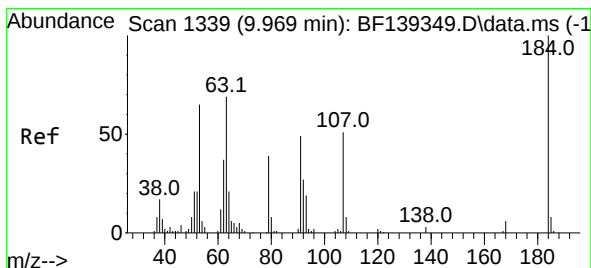
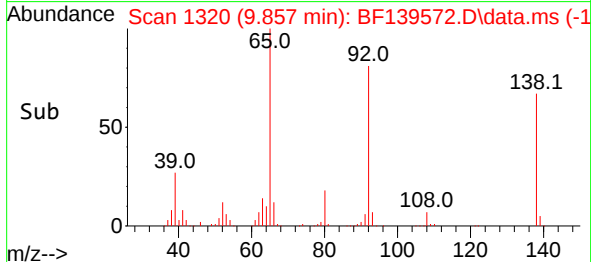
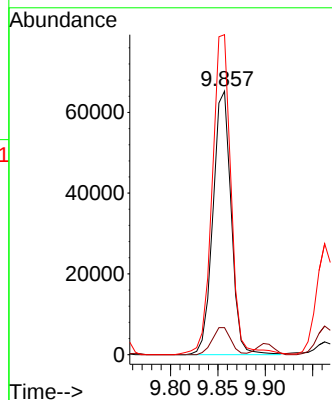
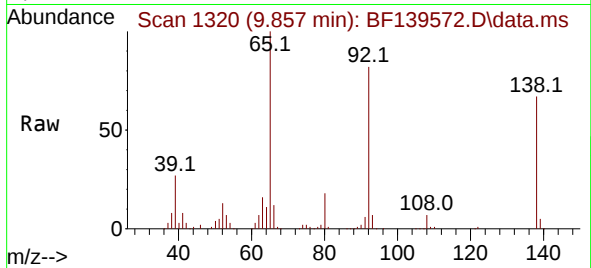
Patel

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Supervised By :mohammad

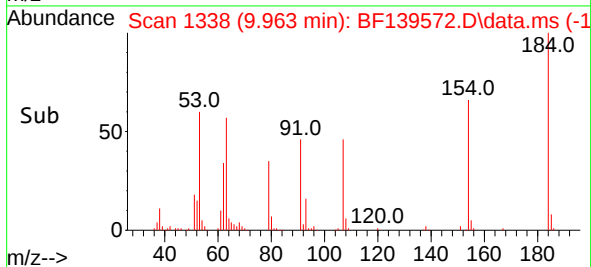
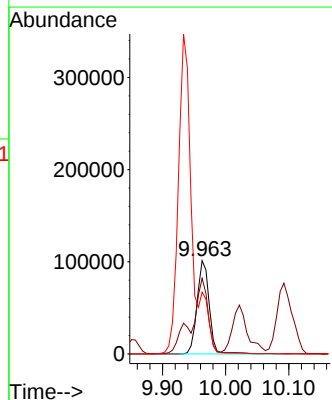
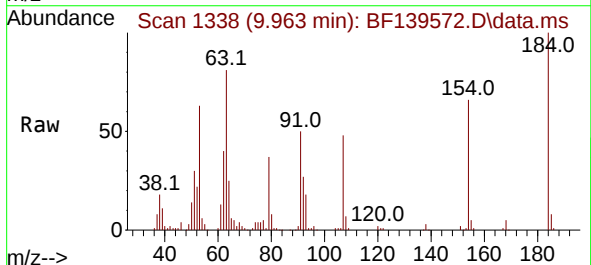
ahmed

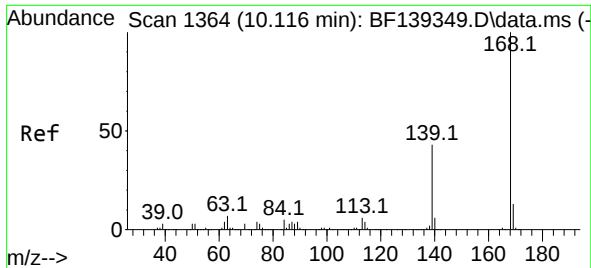
10/01/2024



#54
2,4-Dinitrophenol
Concen: 104.692 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

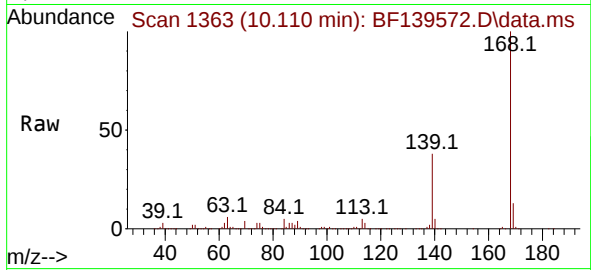
Tgt Ion:184 Resp: 135872
Ion Ratio Lower Upper
184 100
63 81.0 69.3 103.9
154 66.3 67.5 101.3#





#55
Dibenzenofuran
Concen: 50.979 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

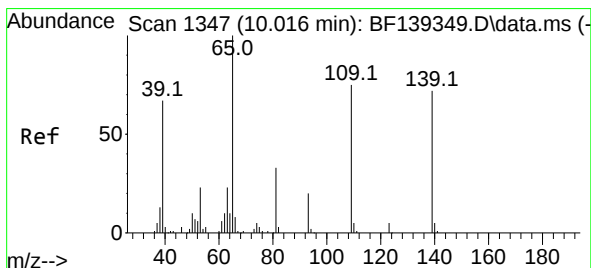
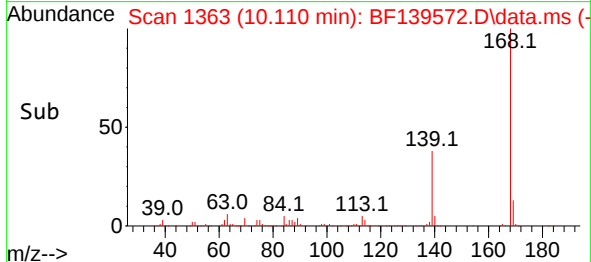
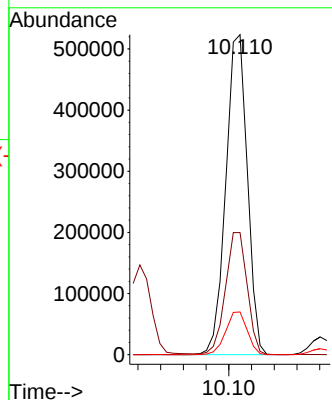


Tgt Ion:168 Resp: 687840
Ion Ratio Lower Upper
168 100
139 38.2 34.1 51.1
169 13.3 10.5 15.7

Manual Integrations
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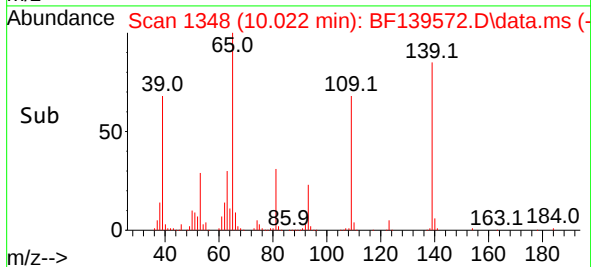
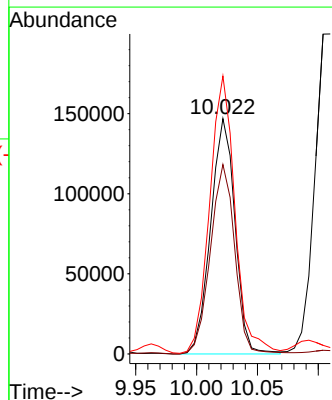
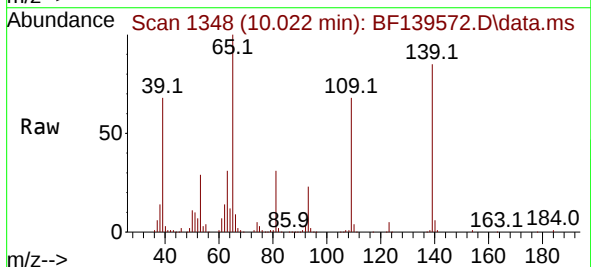
Reviewed By :Yogesh
Patel
10/01/2024

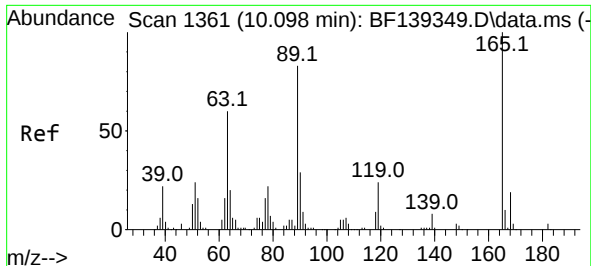
Supervised By :mohammad
ahmed
10/01/2024



#56
4-Nitrophenol
Concen: 106.127 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:139 Resp: 204404
Ion Ratio Lower Upper
139 100
109 80.5 84.1 124.1#
65 118.1 120.0 160.0#





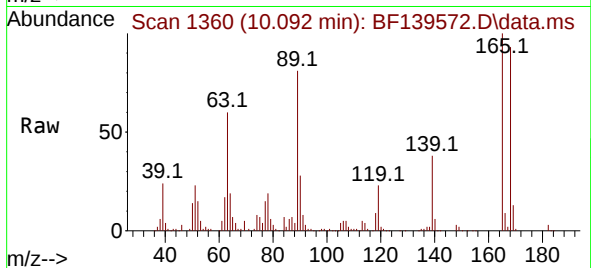
#57
2,4-Dinitrotoluene
Concen: 52.356 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:165 Resp: 16463
Ion Ratio Lower Upper
165 100
63 59.8 47.8 71.6
89 81.2 66.7 100.1
182 2.6 2.2 3.4

Manual Integrations
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Reviewed By :Yogesh

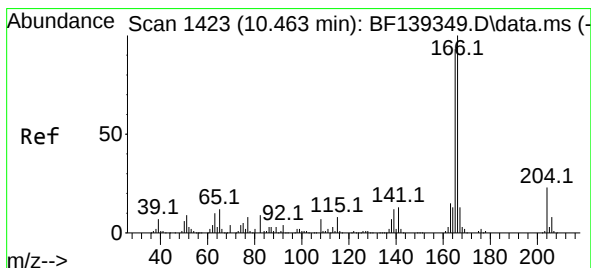
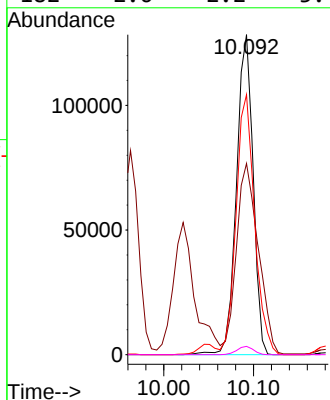
Patel

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Supervised By :mohammad

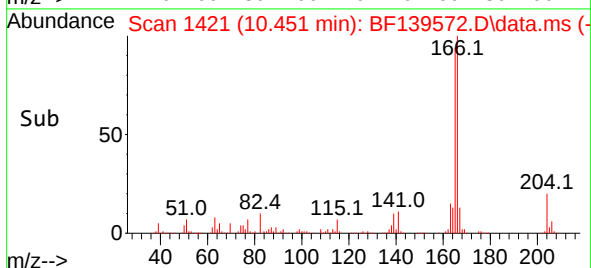
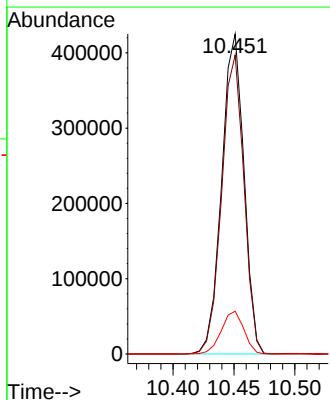
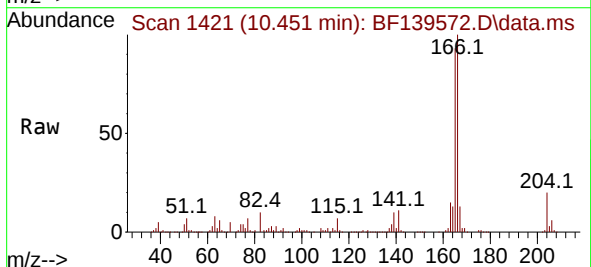
ahmed

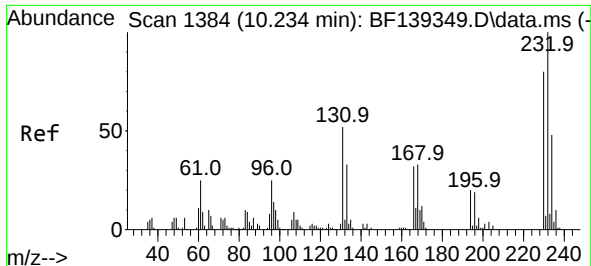
10/01/2024



#58
Fluorene
Concen: 49.070 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

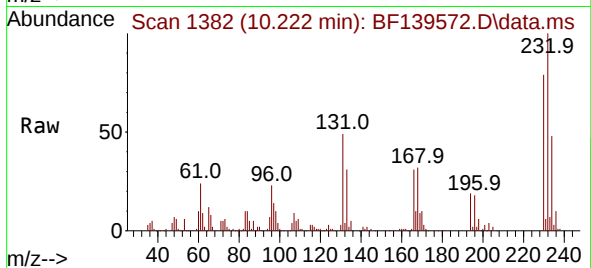
Tgt Ion:166 Resp: 540206
Ion Ratio Lower Upper
166 100
165 93.4 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.988 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

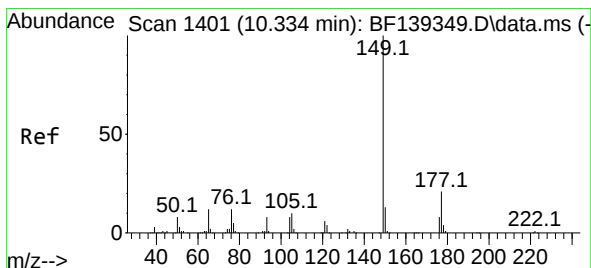
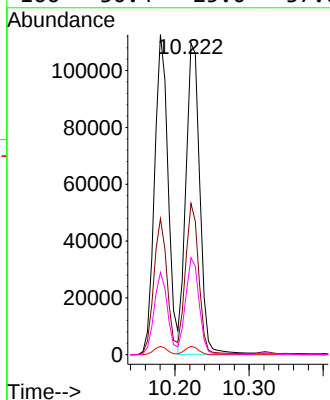
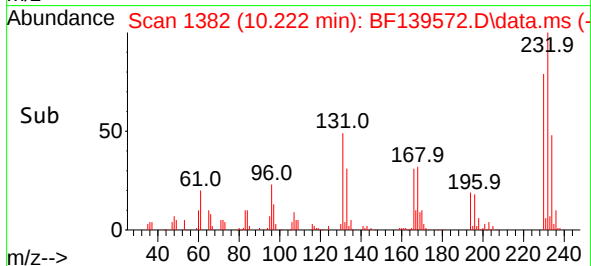


Tgt Ion:232 Resp: 14280
Ion Ratio Lower Upper
232 100
131 46.5 40.7 61.1
130 2.5 2.2 3.2
166 30.4 25.0 37.6

Manual Integrations
APPROVED

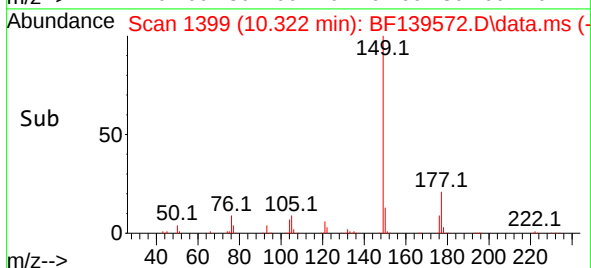
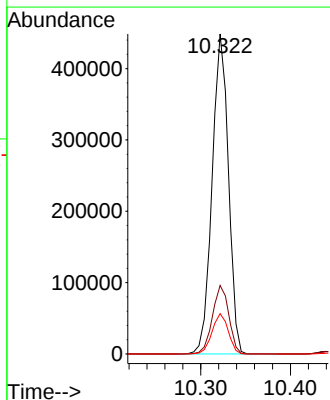
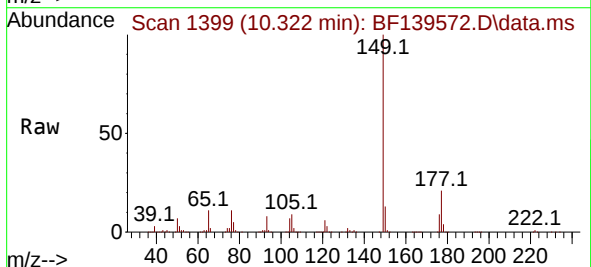
Reviewed By :Yogesh
Patel
10/01/2024

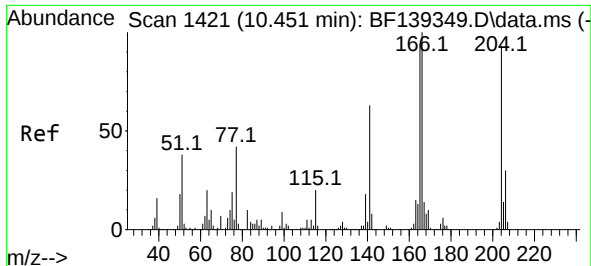
Supervised By :mohammad
ahmed
10/01/2024



#60
Diethylphthalate
Concen: 52.100 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

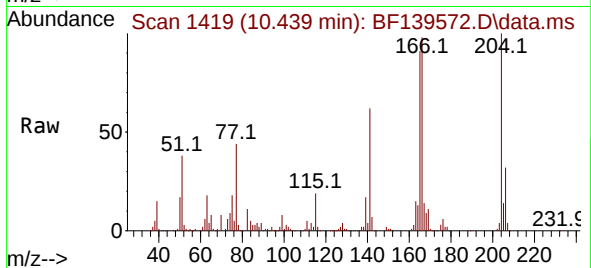
Tgt Ion:149 Resp: 565269
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.6 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 49.168 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

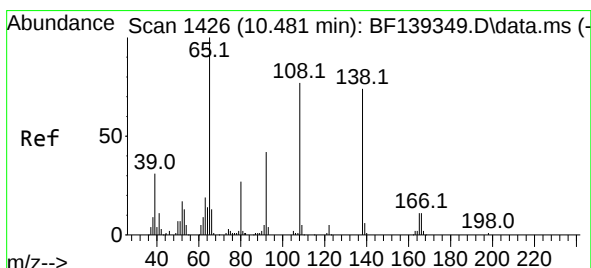
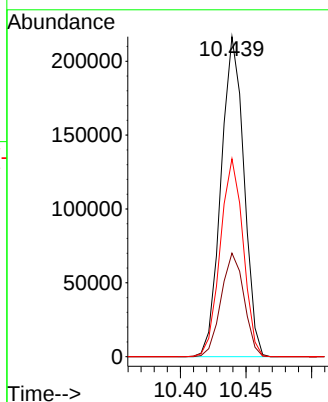
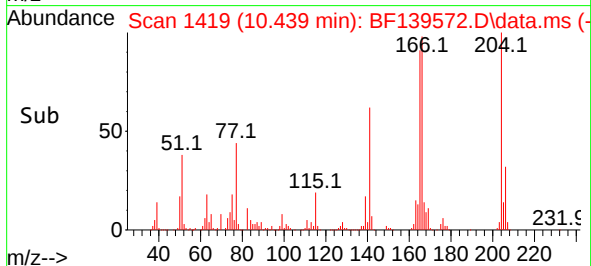


Tgt Ion:204 Resp: 263060
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 61.8 53.9 80.9

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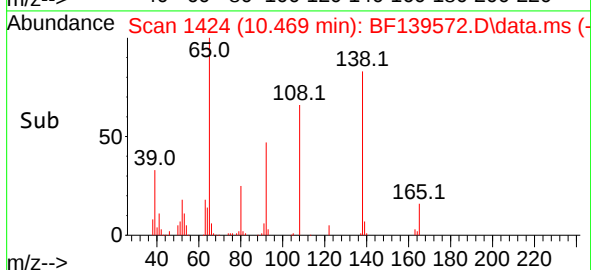
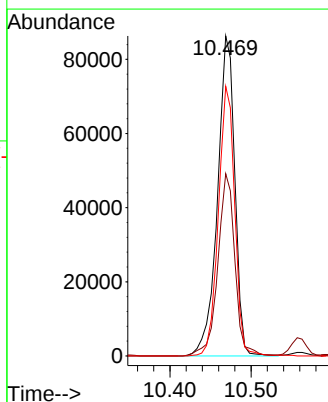
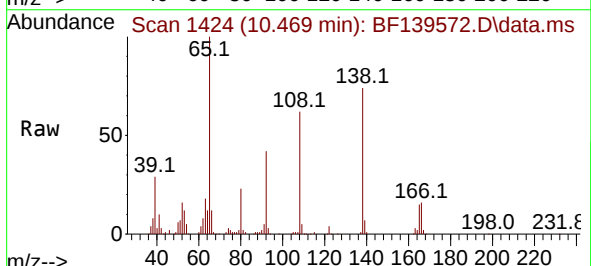
Reviewed By :Yogesh
Patel
10/01/2024

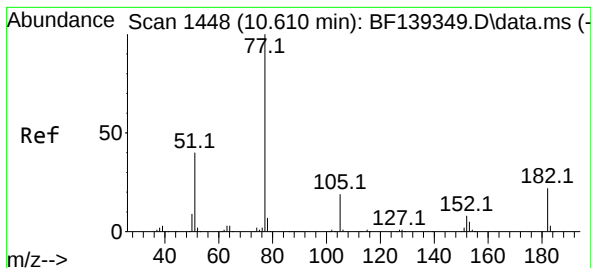
Supervised By :mohammad
ahmed
10/01/2024



#62
4-Nitroaniline
Concen: 50.549 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

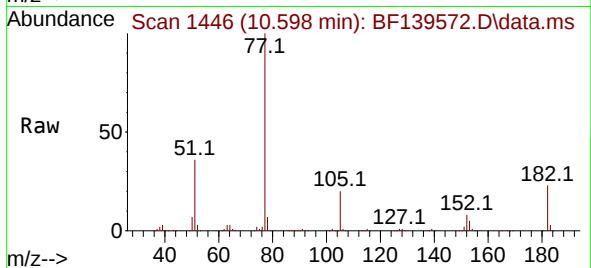
Tgt Ion:138 Resp: 128415
Ion Ratio Lower Upper
138 100
92 56.9 37.0 77.0
108 84.2 84.4 124.4#





#63
Azobenzene
Concen: 53.769 ng
RT: 10.598 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

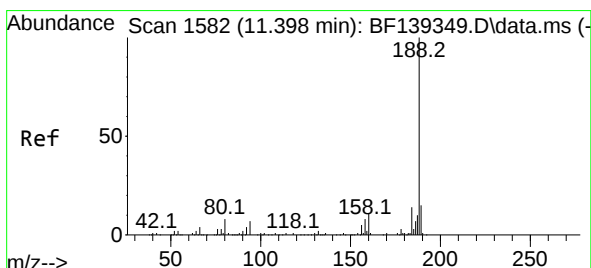
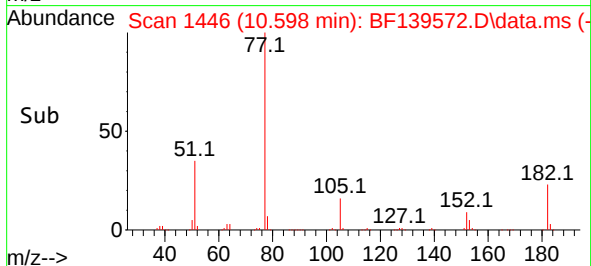
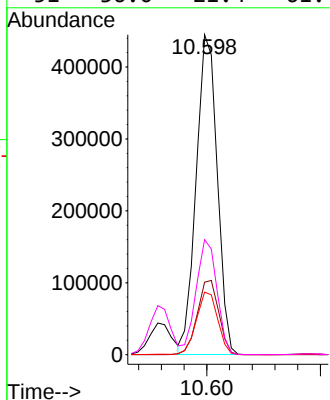


Tgt Ion: 77 Resp: 57378
Ion Ratio Lower Upper
77 100
182 22.7 1.8 41.8
105 19.5 0.0 38.6
51 36.0 21.4 61.4

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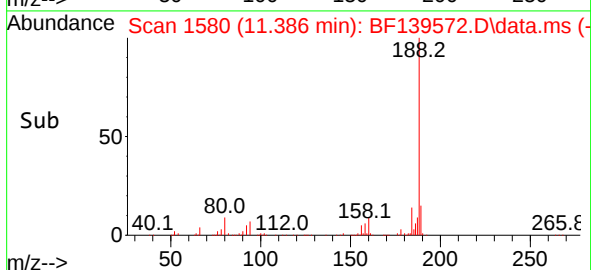
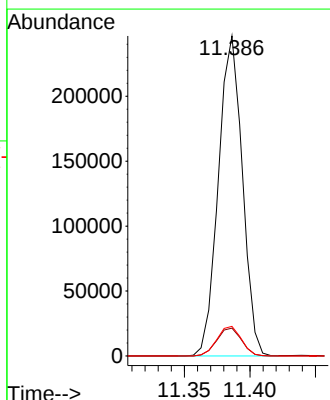
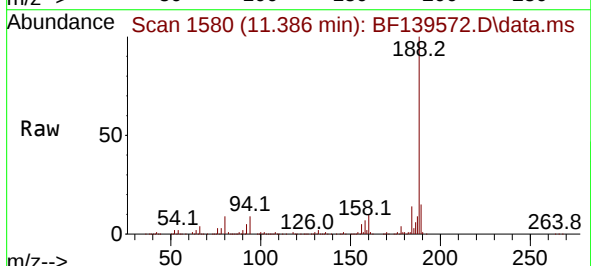
Reviewed By :Yogesh
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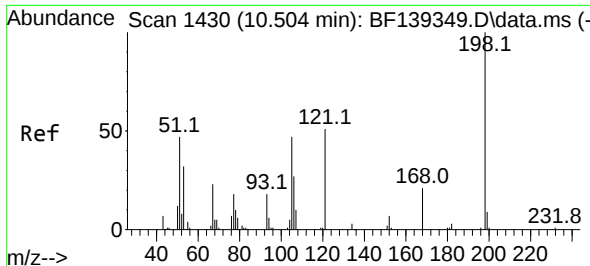
Supervised By :mohammad
ahmed
10/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

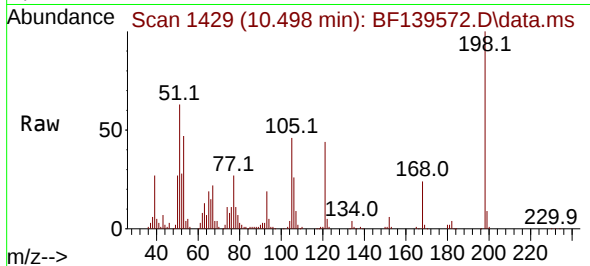
Tgt Ion:188 Resp: 313408
Ion Ratio Lower Upper
188 100
94 8.7 5.5 8.3#
80 9.3 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.203 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

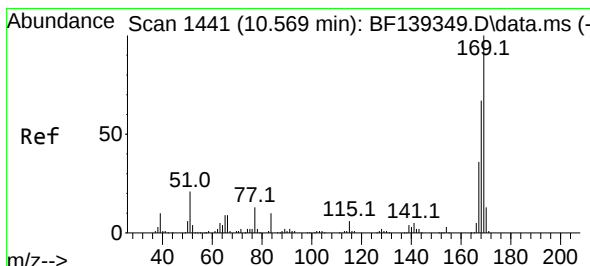
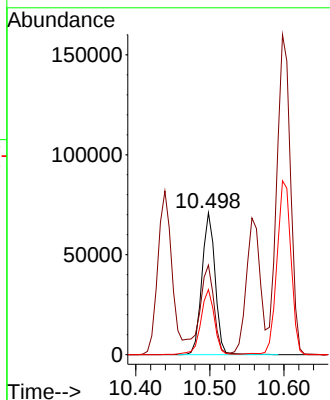
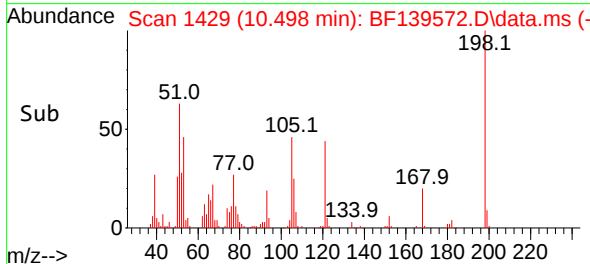


Tgt Ion:198 Resp: 88000
Ion Ratio Lower Upper
198 100
51 63.1 50.4 90.4
105 45.8 28.3 68.3

Manual Integrations
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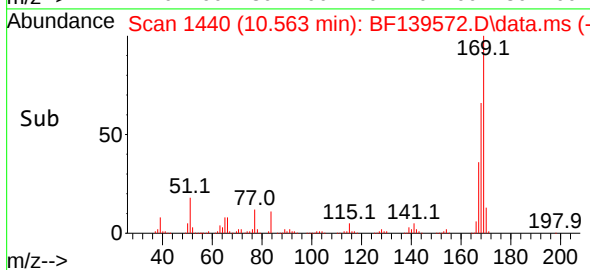
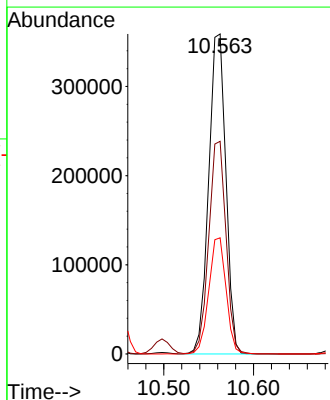
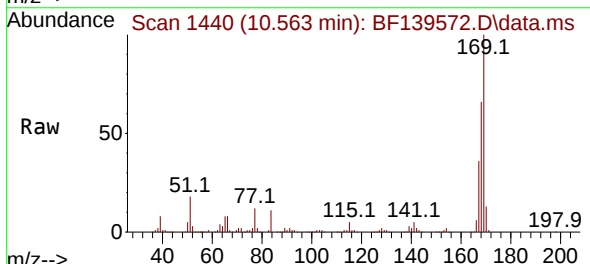
Reviewed By :Yogesh
Patel
10/01/2024

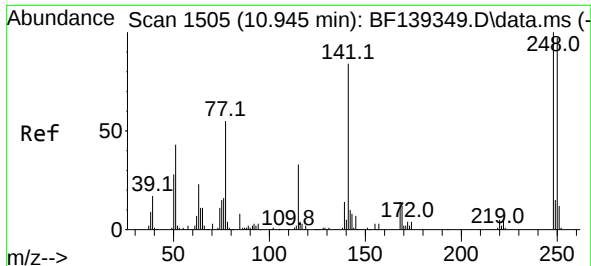
Supervised By :mohammad
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10/01/2024



#66
n-Nitrosodiphenylamine
Concen: 52.049 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:169 Resp: 476928
Ion Ratio Lower Upper
169 100
168 66.5 53.6 80.4
167 36.3 28.7 43.1





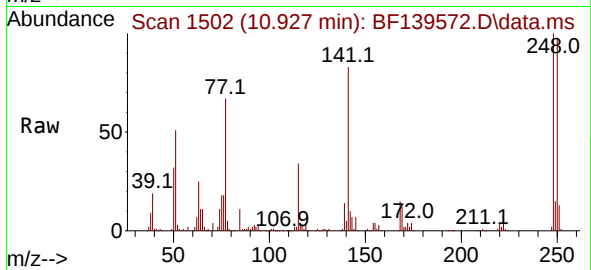
#67
4-Bromophenyl-phenylether
Concen: 49.981 ng
RT: 10.927 min Scan# 1512
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:248 Resp: 155230
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 83.3 66.9 100.3

Manual Integrations
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Reviewed By :Yogesh

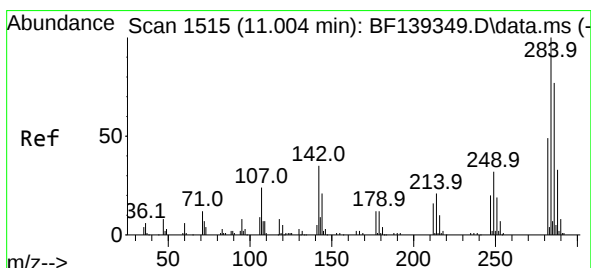
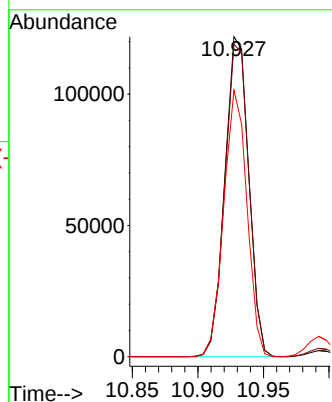
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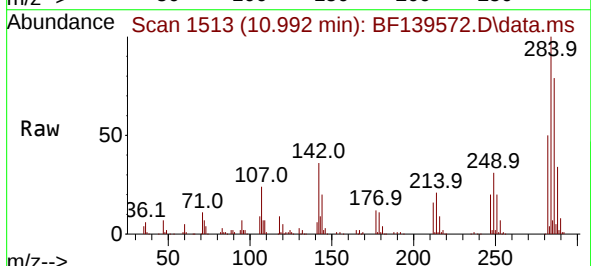
Supervised By :mohammad

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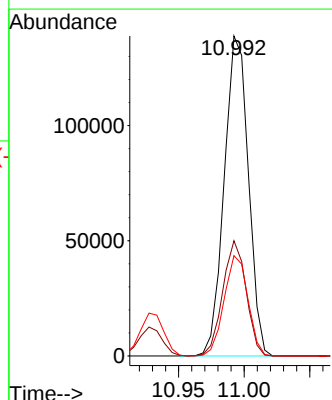
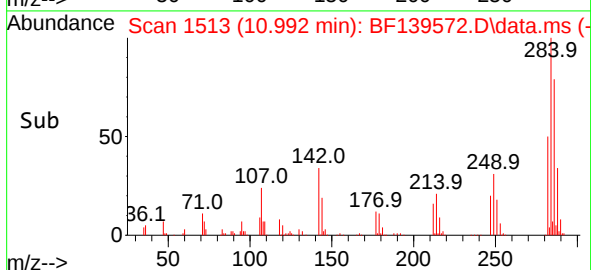
10/01/2024

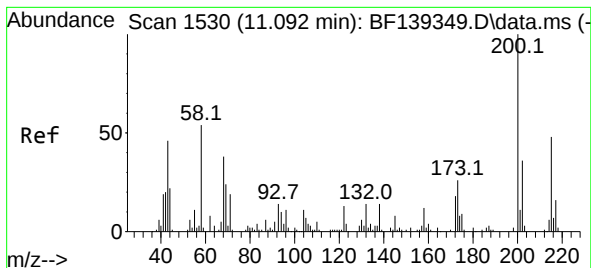


#68
Hexachlorobenzene
Concen: 48.722 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59



Tgt Ion:284 Resp: 177594
Ion Ratio Lower Upper
284 100
142 36.0 28.0 42.0
249 31.4 25.3 37.9





#69

Atrazine

Concen: 71.162 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion:200 Resp: 15523

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

215 48.0 28.2 68.2

Manual Integrations

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Reviewed By :Yogesh

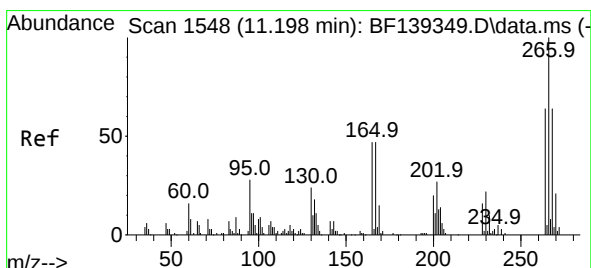
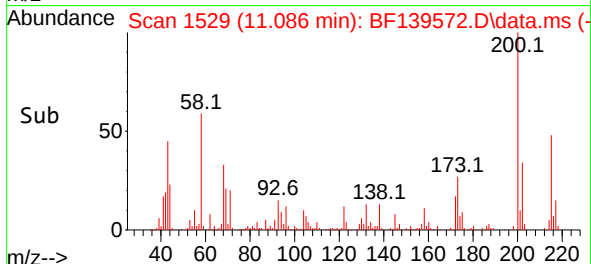
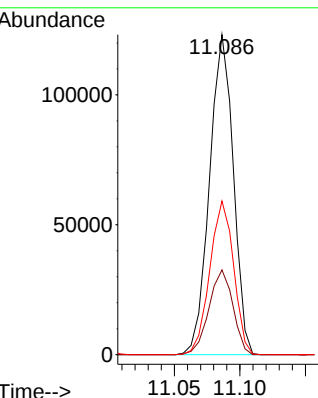
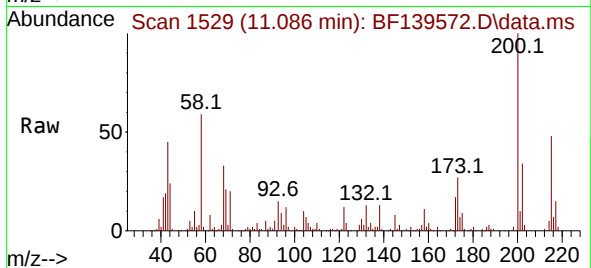
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#70

Pentachlorophenol

Concen: 91.262 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

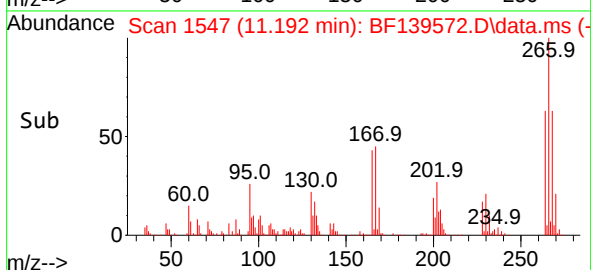
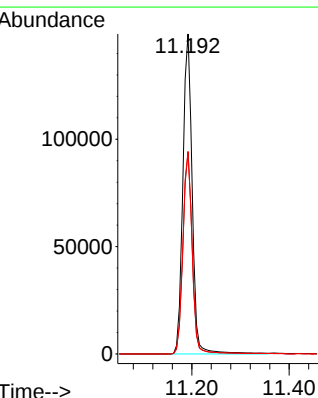
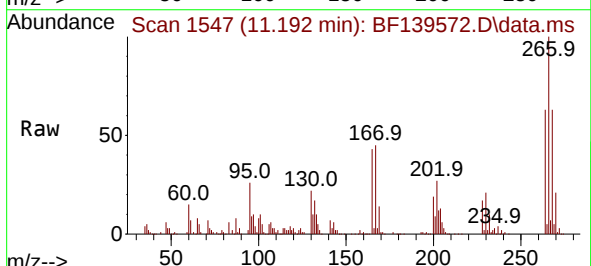
Tgt Ion:266 Resp: 199606

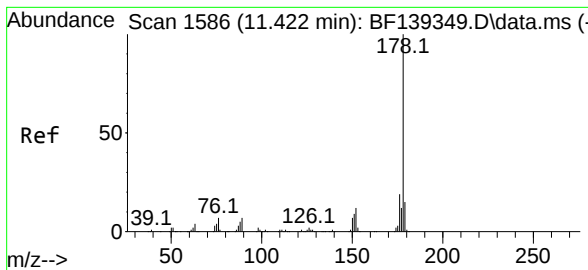
Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

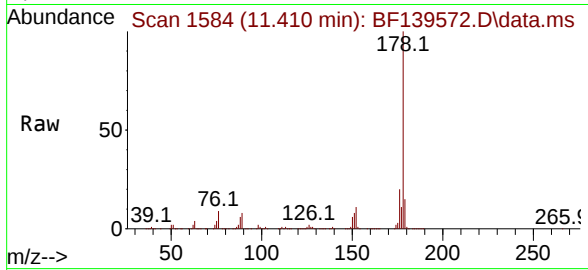
264 63.3 51.4 77.0





#71
Phenanthrene
Concen: 52.011 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

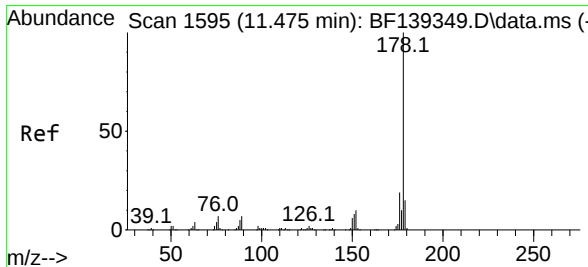
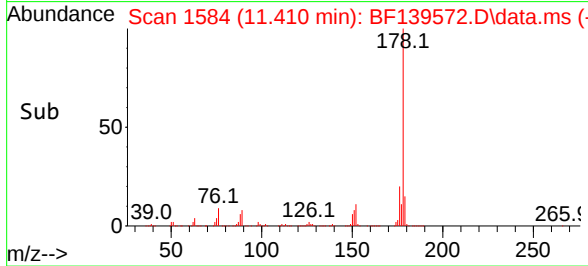
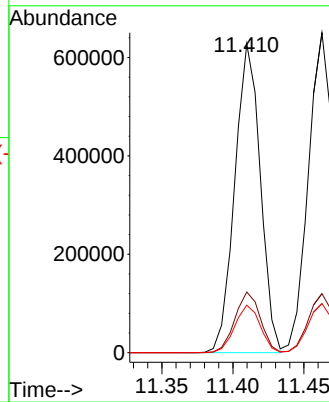


Tgt Ion:178 Resp: 786434
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.4 12.2 18.4

Manual Integrations
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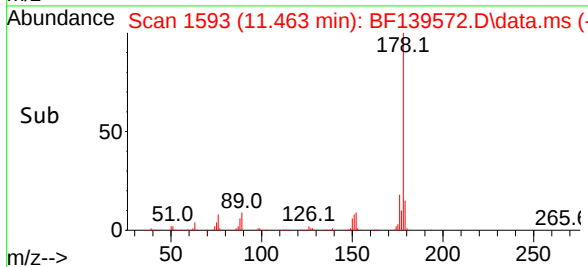
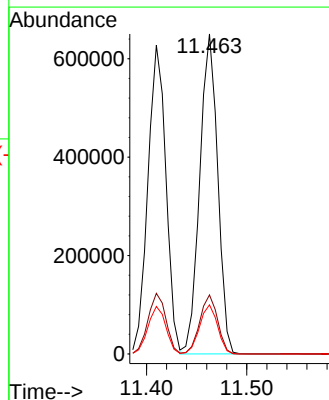
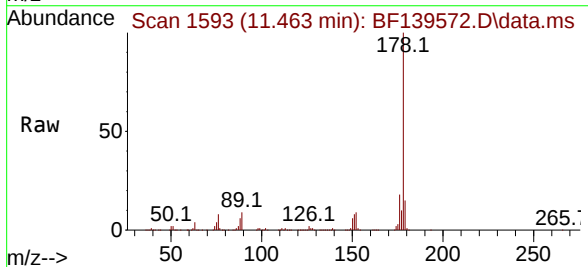
Reviewed By :Yogesh
Patel
10/01/2024

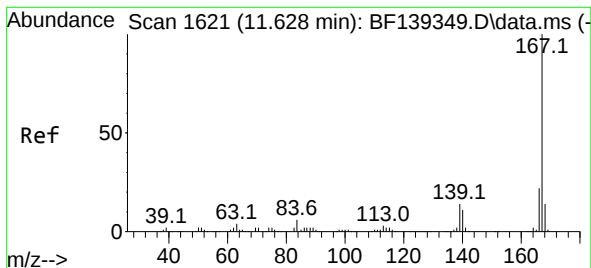
Supervised By :mohammad
ahmed
10/01/2024



#72
Anthracene
Concen: 54.845 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:178 Resp: 810814
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.4 12.0 18.0





#73

Carbazole

Concen: 51.771 ng

RT: 11.616 min Scan# 1619

Delta R.T. -0.012 min

Lab File: BF139572.D

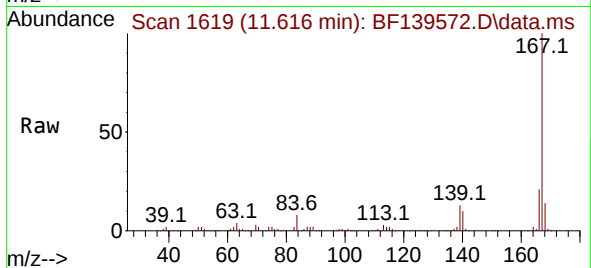
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:167 Resp: 73253

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 12.9 10.9 16.3

Manual Integrations

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Reviewed By :Yogesh

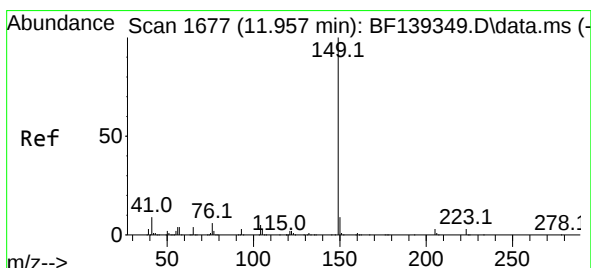
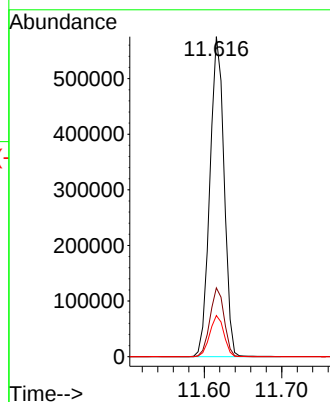
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Supervised By :mohammad

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10/01/2024



#74

Di-n-butylphthalate

Concen: 54.512 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

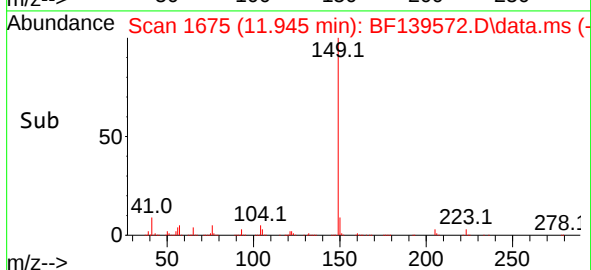
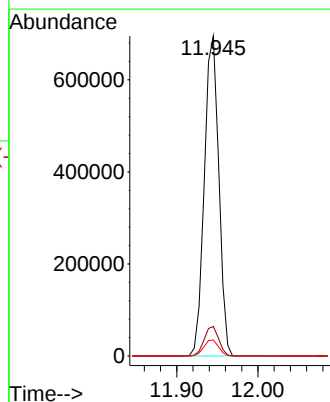
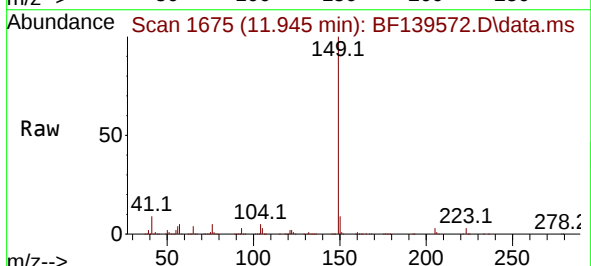
Tgt Ion:149 Resp: 859218

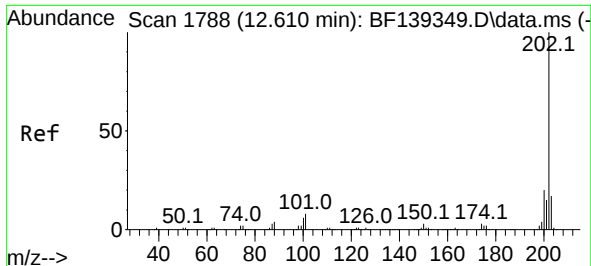
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.0 4.3 6.5





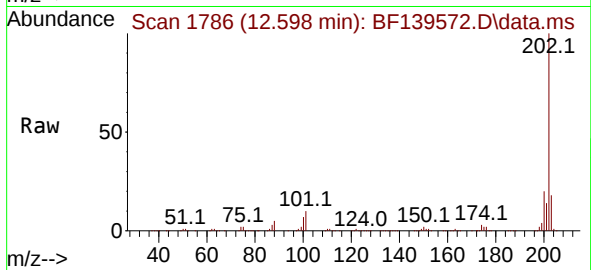
#75
Fluoranthene
Concen: 50.485 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:202 Resp: 81520
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.7
203 17.6 0.0 37.4

Manual Integrations
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Reviewed By :Yogesh

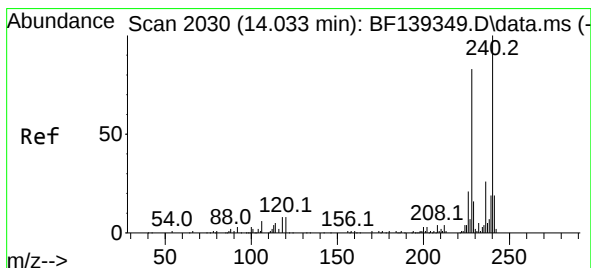
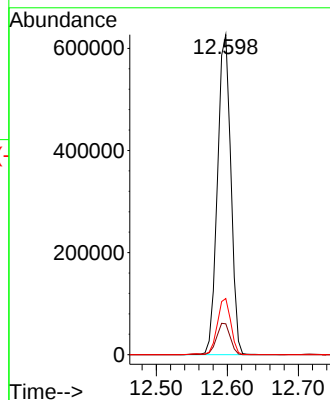
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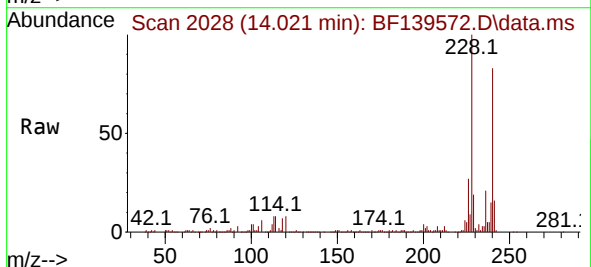
Supervised By :mohammad

ahmed

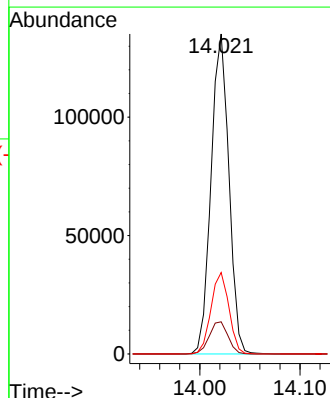
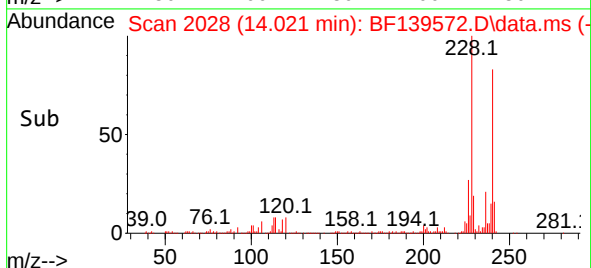
10/01/2024

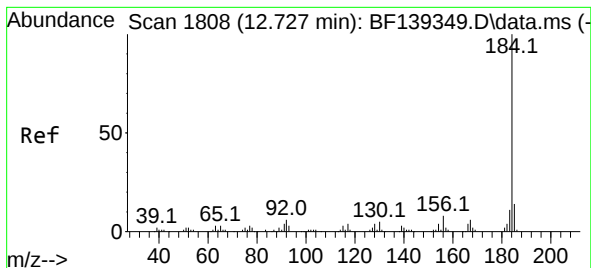


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59



Tgt Ion:240 Resp: 166700
Ion Ratio Lower Upper
240 100
120 10.1 6.2 9.2#
236 25.5 20.9 31.3





#77

Benzidine

Concen: 93.690 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.012 min

Lab File: BF139572.D

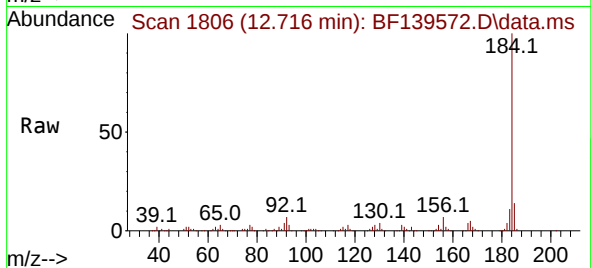
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:184 Resp: 223762

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.0 8.9 13.3

Manual Integrations

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Reviewed By :Yogesh

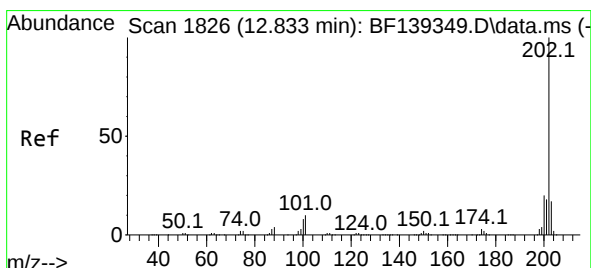
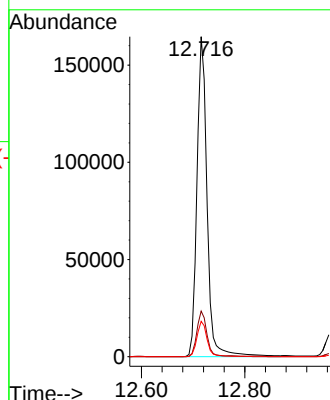
Patel

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Supervised By :mohammad

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#78

Pyrene

Concen: 57.823 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

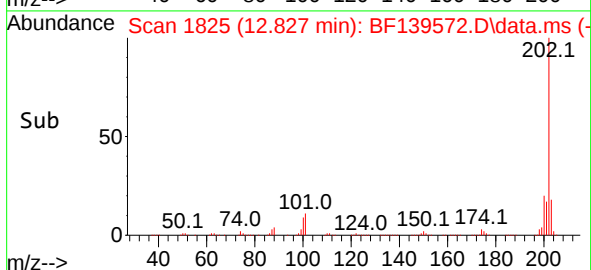
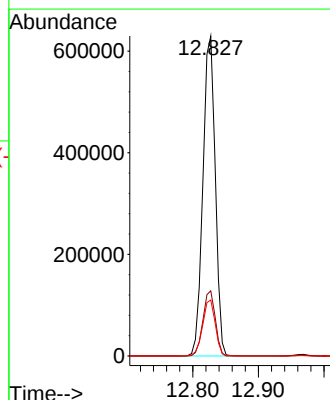
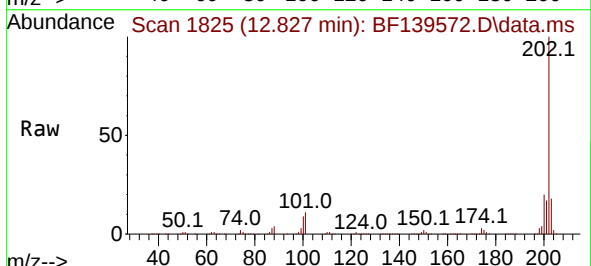
Tgt Ion:202 Resp: 827644

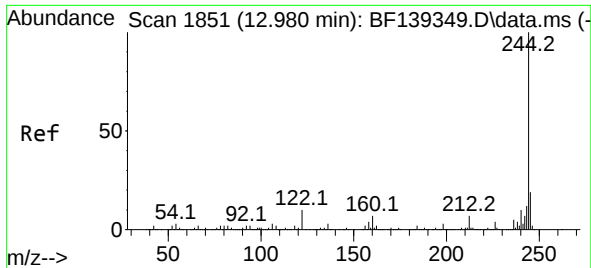
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.5 13.9 20.9





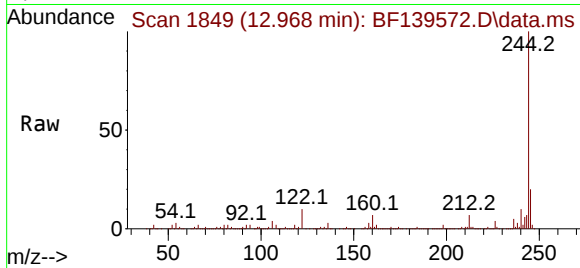
#79
 Terphenyl-d14
 Concen: 107.435 ng
 RT: 12.968 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF139572.D
 Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:244 Resp: 1091110
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.4 7.6 11.4

Manual Integrations
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Reviewed By :Yogesh

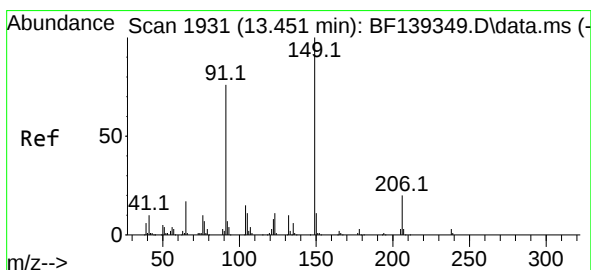
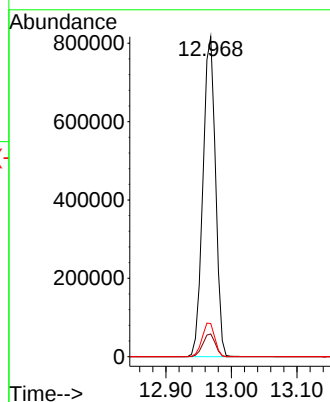
Patel

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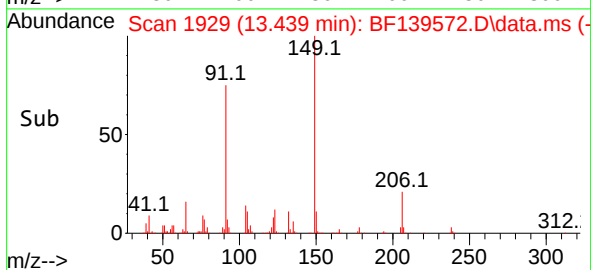
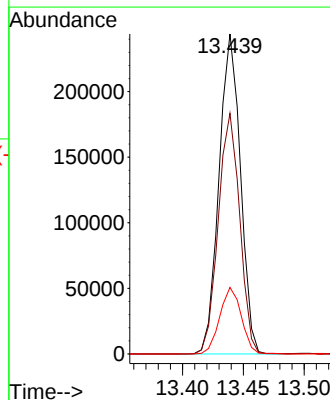
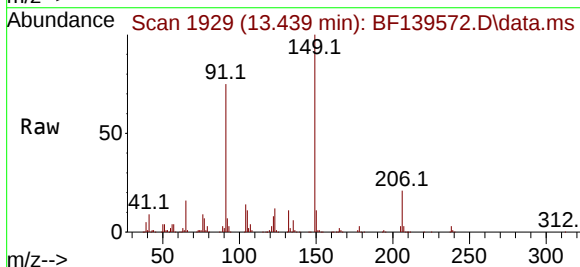
ahmed

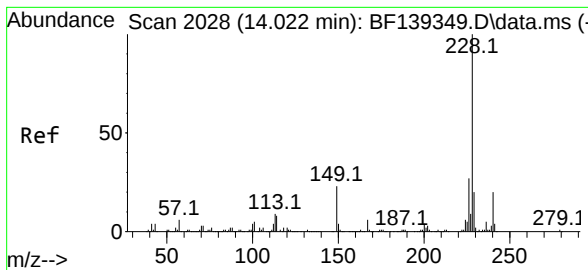
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#80
 Butylbenzylphthalate
 Concen: 61.377 ng
 RT: 13.439 min Scan# 1929
 Delta R.T. -0.012 min
 Lab File: BF139572.D
 Acq: 30 Sep 2024 11:59

Tgt Ion:149 Resp: 299029
 Ion Ratio Lower Upper
 149 100
 91 75.2 60.9 91.3
 206 20.8 15.8 23.8





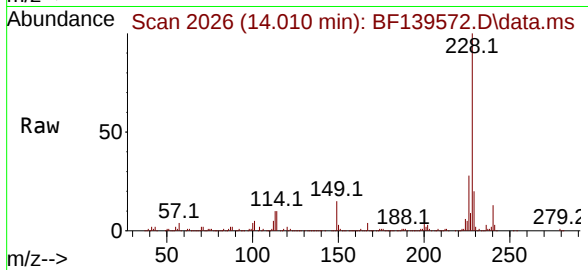
#81
Benzo(a)anthracene
Concen: 53.015 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:228 Resp: 585398
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 19.9 15.7 23.5

Manual Integrations
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Reviewed By :Yogesh

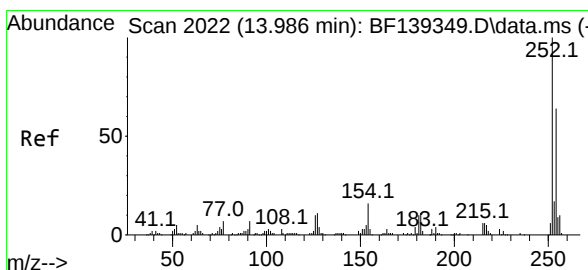
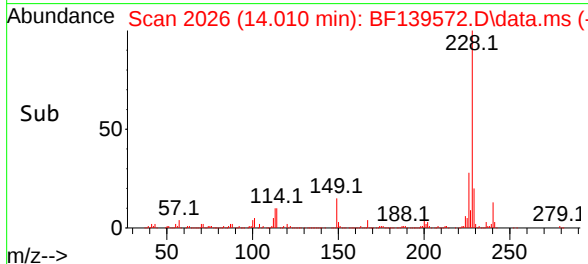
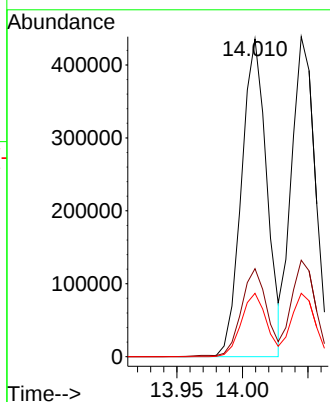
Patel

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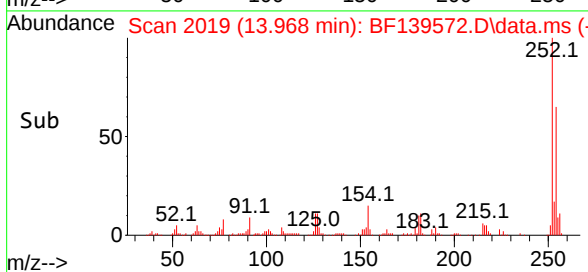
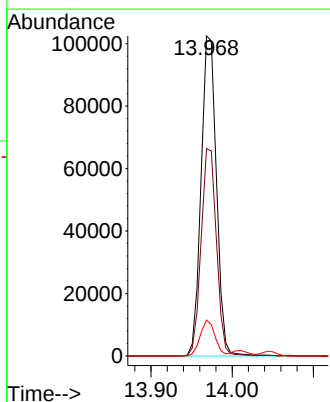
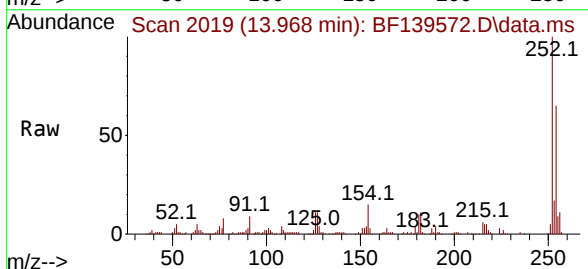
ahmed

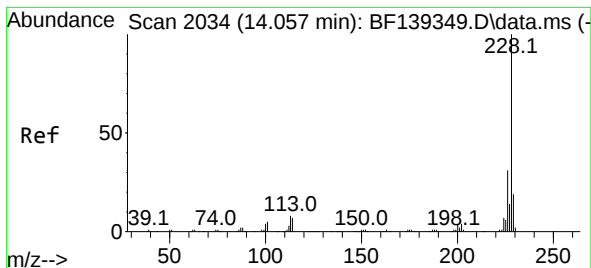
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#82
3,3'-Dichlorobenzidine
Concen: 41.610 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:252 Resp: 134556
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 11.2 7.7 11.5





#83

Chrysene

Concen: 54.063 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

Tgt Ion:	228	Resp:	549220
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	19.8	15.4	23.0

Manual Integrations

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Reviewed By :Yogesh

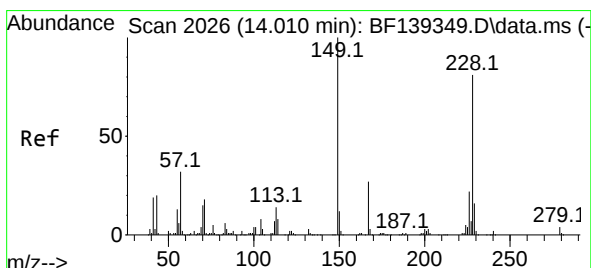
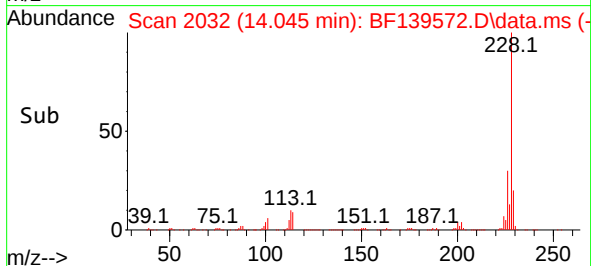
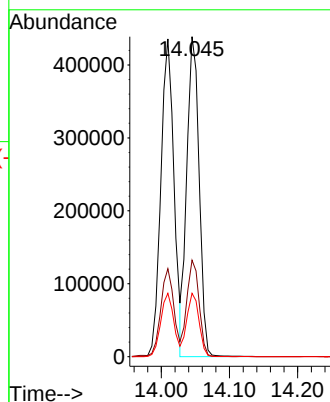
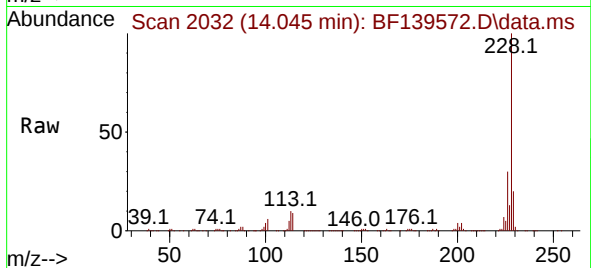
Patel

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Supervised By :mohammad

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#84

Bis(2-ethylhexyl)phthalate

Concen: 63.509 ng

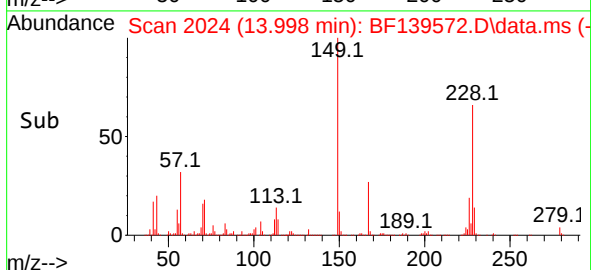
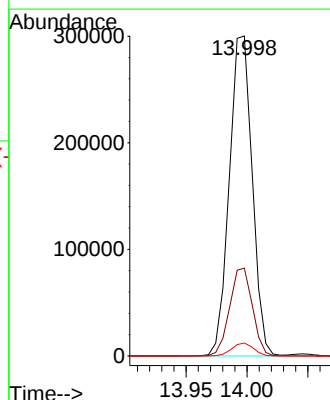
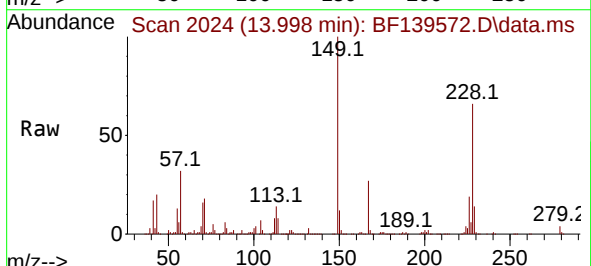
RT: 13.998 min Scan# 2024

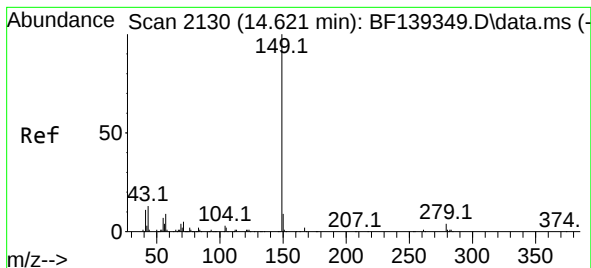
Delta R.T. -0.012 min

Lab File: BF139572.D

Acq: 30 Sep 2024 11:59

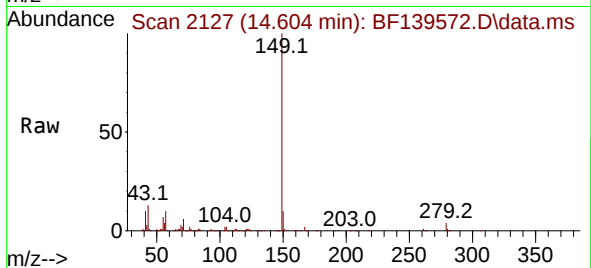
Tgt Ion:	149	Resp:	393618
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.6	32.4
279	4.1	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 62.357 ng
RT: 14.604 min Scan# 2130
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB163737BS

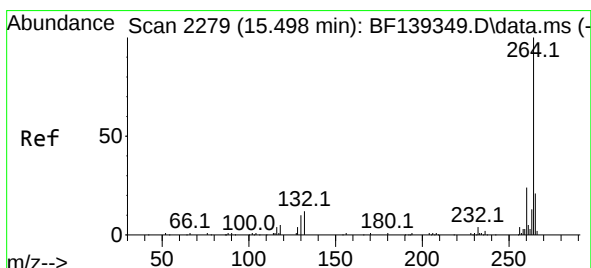
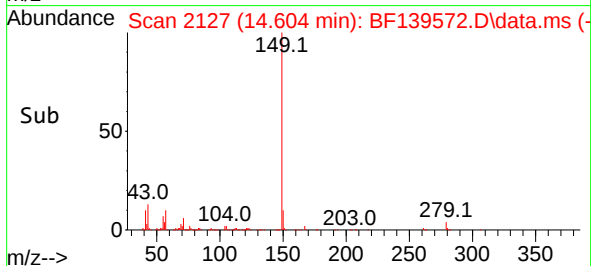
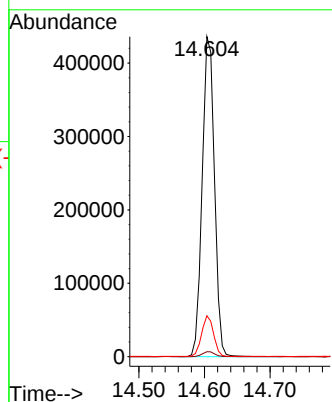


Tgt Ion:149 Resp: 569174
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.4 10.6 16.0

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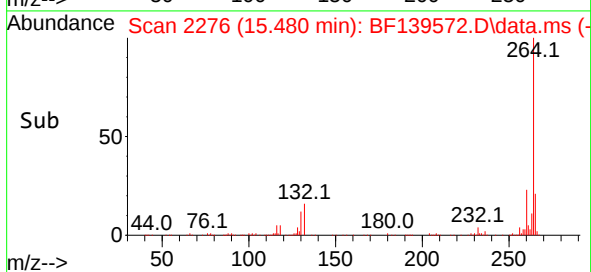
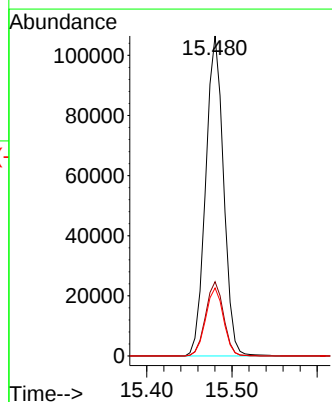
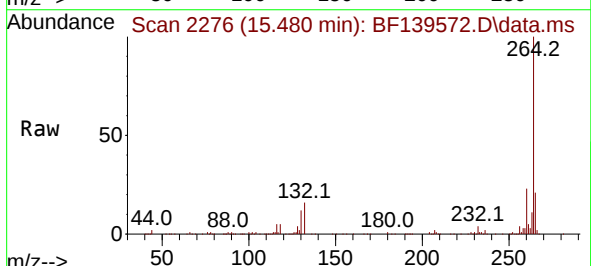
Reviewed By :Yogesh
Patel
10/01/2024

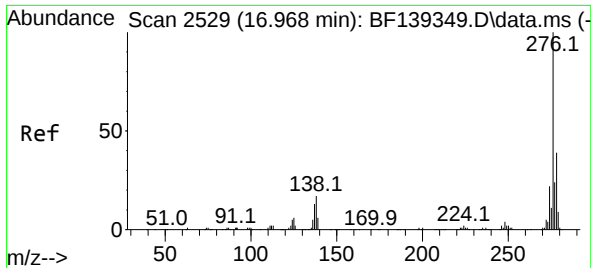
Supervised By :mohammad
ahmed
10/01/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Tgt Ion:264 Resp: 155284
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.3 16.6 25.0





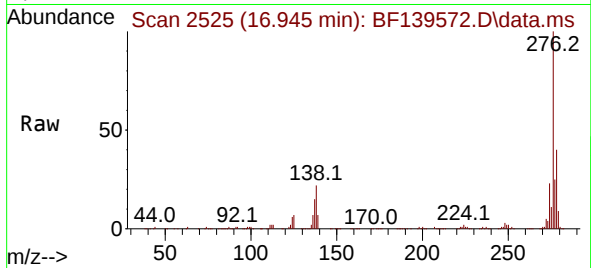
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.472 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS

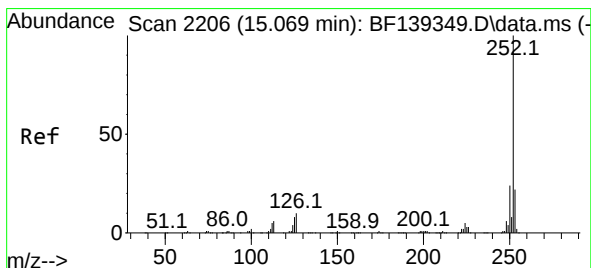
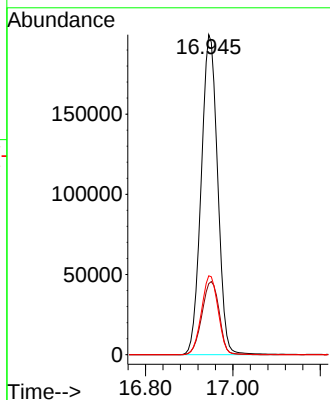


Tgt Ion:276 Resp: 521440
Ion Ratio Lower Upper
276 100
138 24.1 15.4 23.2
277 25.0 20.4 30.6

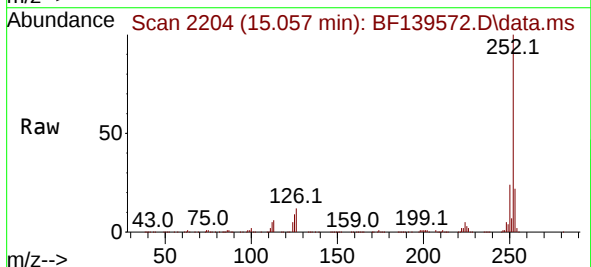
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Reviewed By :Yogesh
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10/01/2024

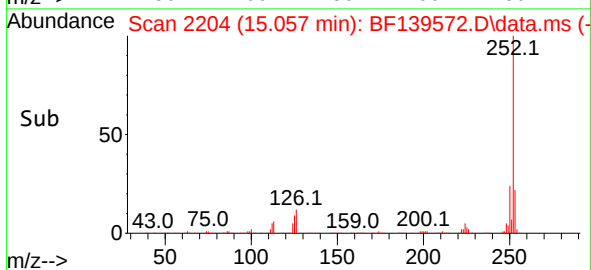
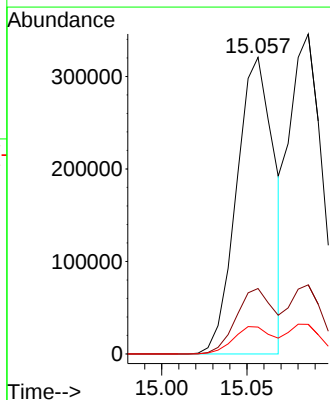
Supervised By :mohammad
ahmed
10/01/2024

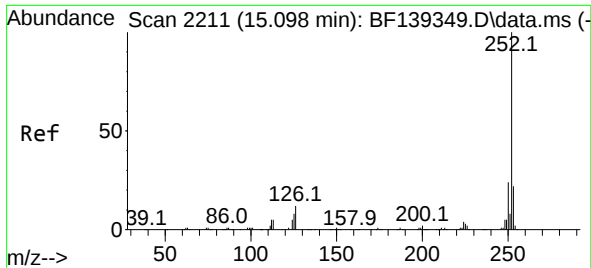


#88
Benzo(b)fluoranthene
Concen: 51.294 ng
RT: 15.057 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59



Tgt Ion:252 Resp: 491235
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.1 6.2 9.2





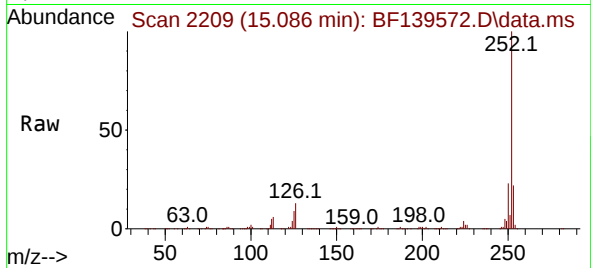
#89
Benzo(k)fluoranthene
Concen: 52.578 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:252 Resp: 464275
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.3 5.9 8.9

Manual Integrations

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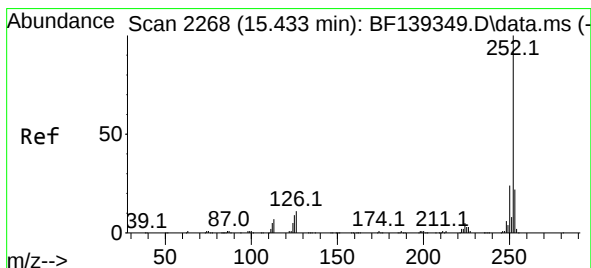
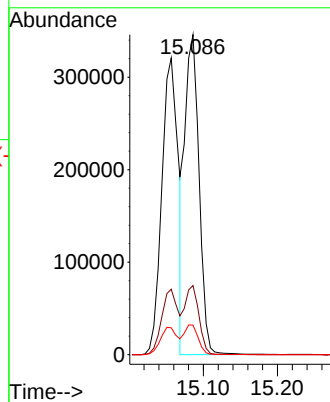
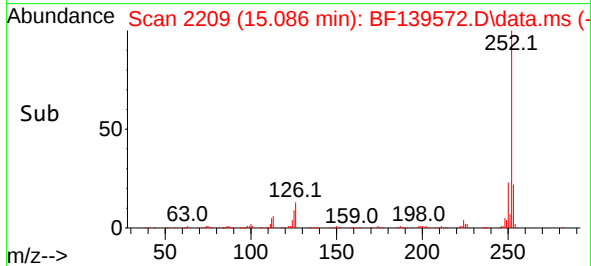
Patel

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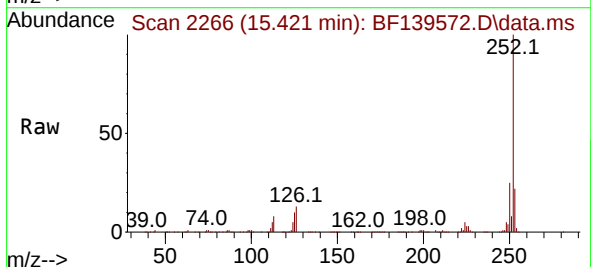
Supervised By :mohammad

ahmed

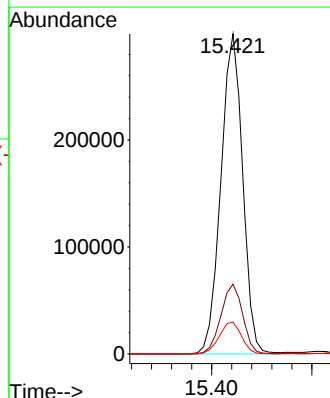
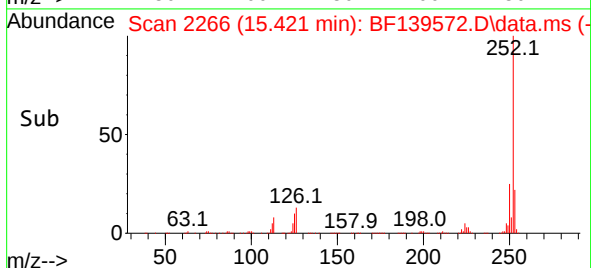
10/01/2024

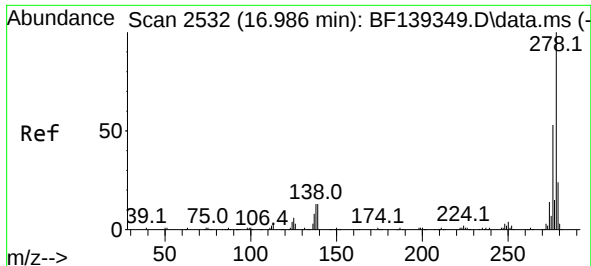


#90
Benzo(a)pyrene
Concen: 56.722 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.012 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59



Tgt Ion:252 Resp: 450523
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.0 6.8 10.2





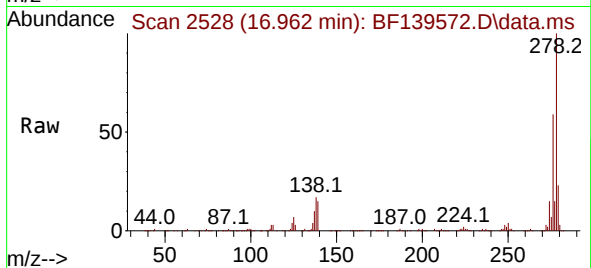
#91
Dibenzo(a,h)anthracene
Concen: 56.057 ng
RT: 16.962 min Scan# 2528
Delta R.T. -0.024 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB163737BS



Tgt Ion:278 Resp: 42771
Ion Ratio Lower Upper
278 100
139 14.9 10.2 15.2
279 23.1 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh

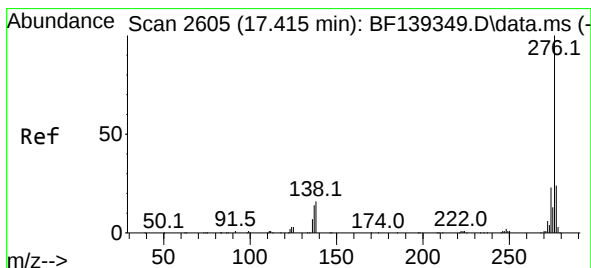
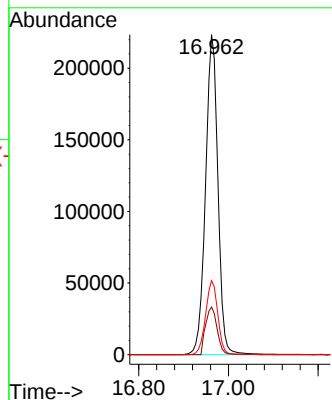
Patel

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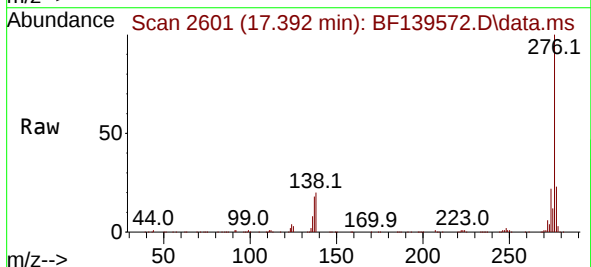
Supervised By :mohammad

ahmed

10/01/2024



#92
Benzo(g,h,i)perylene
Concen: 53.304 ng
RT: 17.392 min Scan# 2601
Delta R.T. -0.024 min
Lab File: BF139572.D
Acq: 30 Sep 2024 11:59



Tgt Ion:276 Resp: 402695
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 20.2 13.0 19.6#

