

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139956.D
 Acq On : 23 Oct 2024 11:14
 Operator : RC/JU
 Sample : PB164237BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB164237BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 11:44:32 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	153790	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	606740	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	340748	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	610666	20.000	ng	0.00
76) Chrysene-d12	14.057	240	319638	20.000	ng	0.00
86) Perylene-d12	15.533	264	339182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1259598	128.219	ng	0.02
7) Phenol-d6	6.516	99	1602863	125.978	ng	0.00
23) Nitrobenzene-d5	7.451	82	1037586	94.780	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	502715	157.727	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1886404	91.494	ng	0.00
79) Terphenyl-d14	13.004	244	1925727	98.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	179223	39.129	ng	94
3) Pyridine	3.528	79	470789	41.467	ng	95
4) n-Nitrosodimethylamine	3.475	42	265674	43.555	ng	95
6) Aniline	6.551	93	494228	41.679	ng	98
8) 2-Chlorophenol	6.675	128	502587	50.044	ng	97
9) Benzaldehyde	6.440	77	117732	16.449	ng	98
10) Phenol	6.528	94	624052m	47.575	ng	
11) bis(2-Chloroethyl)ether	6.628	93	472700	46.624	ng	98
12) 1,3-Dichlorobenzene	6.834	146	526071	45.633	ng	99
13) 1,4-Dichlorobenzene	6.910	146	533734	46.341	ng	99
14) 1,2-Dichlorobenzene	7.063	146	513792	47.797	ng	99
15) Benzyl Alcohol	7.028	79	458615	49.139	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	796433	46.069	ng	98
17) 2-Methylphenol	7.139	107	419478	48.984	ng	100
18) Hexachloroethane	7.404	117	192486	46.866	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	359919	46.642	ng	96
20) 3+4-Methylphenols	7.292	107	507836	46.363	ng	# 81
22) Acetophenone	7.298	105	673431	45.315	ng	99
24) Nitrobenzene	7.469	77	544059	45.329	ng	100
25) Isophorone	7.710	82	990250	47.659	ng	99
26) 2-Nitrophenol	7.787	139	257417	56.850	ng	96
27) 2,4-Dimethylphenol	7.822	122	422881	56.009	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	590478	46.905	ng	100
29) 2,4-Dichlorophenol	8.028	162	418025	48.608	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	433288	45.533	ng	98
31) Naphthalene	8.192	128	1447001	46.242	ng	100
32) Benzoic acid	7.934	122	332879	50.549	ng	96
33) 4-Chloroaniline	8.239	127	226437	21.221	ng	97
34) Hexachlorobutadiene	8.310	225	279302	46.714	ng	99
35) Caprolactam	8.610	113	139227m	50.915	ng	
36) 4-Chloro-3-methylphenol	8.716	107	459710	48.276	ng	97
37) 2-Methylnaphthalene	8.886	142	919401	47.974	ng	100
38) 1-Methylnaphthalene	8.986	142	855787	45.514	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	427242	46.475	ng	99
41) Hexachlorocyclopentadiene	9.039	237	570562	178.375	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	338045	51.939	ng	99

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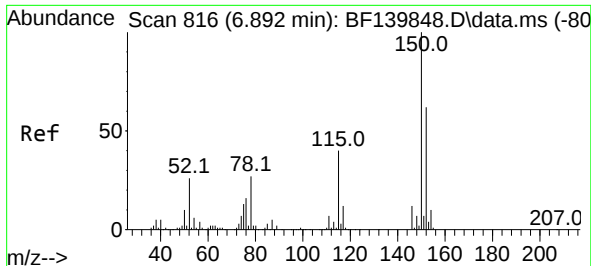
Quant Time: Oct 23 11:44:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.204	196	328594	48.935	ng	97	10/24/2024
46) 1,1'-Biphenyl	9.351	154	1106732	46.656	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.375	162	884624	46.303	ng	100	
48) 2-Nitroaniline	9.469	65	314155	53.764	ng	95	
49) Acenaphthylene	9.792	152	1400455	50.703	ng	100	
50) Dimethylphthalate	9.651	163	1063617	50.113	ng	100	
51) 2,6-Dinitrotoluene	9.710	165	237408	51.661	ng	98	10/25/2024
52) Acenaphthene	9.963	154	966780	54.108	ng	99	
53) 3-Nitroaniline	9.875	138	147417	31.107	ng	98	
54) 2,4-Dinitrophenol	9.986	184	257205	130.244	ng	# 1	
55) Dibenzofuran	10.139	168	1219838	47.583	ng	99	
56) 4-Nitrophenol	10.033	139	397364	108.985	ng	100	
57) 2,4-Dinitrotoluene	10.116	165	322767	57.114	ng	97	
58) Fluorene	10.480	166	926373	47.444	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.251	232	282853	53.733	ng	96	
60) Diethylphthalate	10.351	149	1024095	49.142	ng	100	
61) 4-Chlorophenyl-phenyle...	10.469	204	477014	48.376	ng	99	
62) 4-Nitroaniline	10.498	138	235849	52.693	ng	96	
63) Azobenzene	10.633	77	1044708	47.287	ng	97	
65) 4,6-Dinitro-2-methylph...	10.522	198	177456	71.242	ng	91	
66) n-Nitrosodiphenylamine	10.592	169	880440	48.172	ng	99	
67) 4-Bromophenyl-phenylether	10.963	248	314077	49.925	ng	93	
68) Hexachlorobenzene	11.027	284	348716	49.287	ng	95	
69) Atrazine	11.116	200	290710	58.717	ng	99	
70) Pentachlorophenol	11.216	266	431130	100.402	ng	100	
71) Phenanthrene	11.445	178	1379629	47.829	ng	100	
72) Anthracene	11.492	178	1405358	49.935	ng	99	
73) Carbazole	11.645	167	1244753	47.556	ng	99	
74) Di-n-butylphthalate	11.974	149	1480160	48.947	ng	100	
75) Fluoranthene	12.627	202	1367829	46.907	ng	99	
77) Benzidine	12.745	184	317493	60.407	ng	100	
78) Pyrene	12.857	202	1376720	49.206	ng	99	
80) Butylbenzylphthalate	13.474	149	449376	53.573	ng	99	
81) Benzo(a)anthracene	14.045	228	1031743	49.585	ng	99	
82) 3,3'-Dichlorobenzidine	14.004	252	212363	35.005	ng	100	
83) Chrysene	14.080	228	956884	50.157	ng	100	
84) Bis(2-ethylhexyl)phtha...	14.033	149	526517	55.947	ng	99	
85) Di-n-octyl phthalate	14.645	149	932058	54.450	ng	97	
87) Indeno(1,2,3-cd)pyrene	17.033	276	1212132	55.550	ng	98	
88) Benzo(b)fluoranthene	15.098	252	1027568	49.733	ng	99	
89) Benzo(k)fluoranthene	15.127	252	865700	48.583	ng	100	
90) Benzo(a)pyrene	15.468	252	923060	54.295	ng	99	
91) Dibenzo(a,h)anthracene	17.056	278	990296	54.403	ng	98	
92) Benzo(g,h,i)perylene	17.492	276	936314	51.495	ng	99	

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



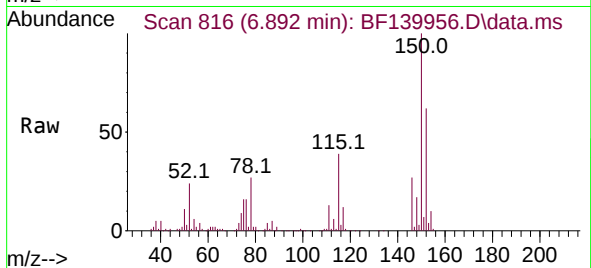
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

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ClientSampleId :

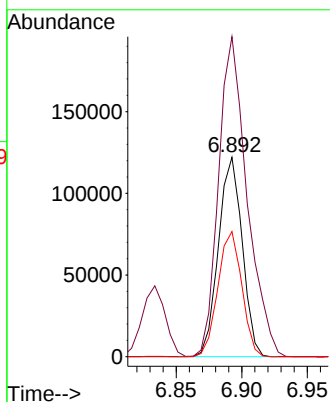
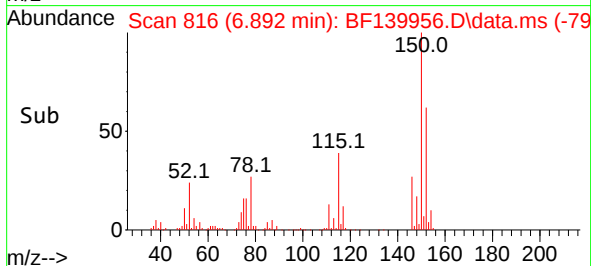
PB164237BS



Tgt Ion:152 Resp: 153790
Ion Ratio Lower Upper
152 100
150 160.5 130.2 195.2
115 62.7 51.4 77.2

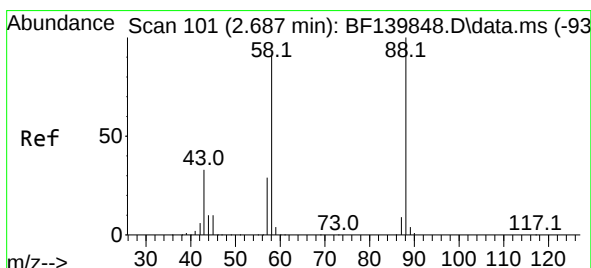
Manual Integrations
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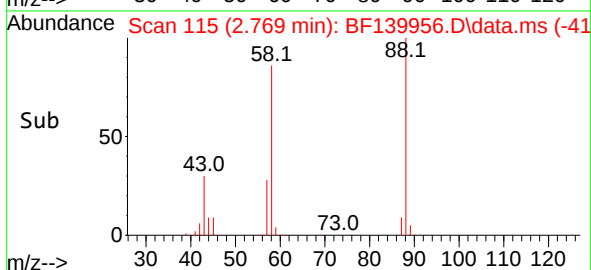
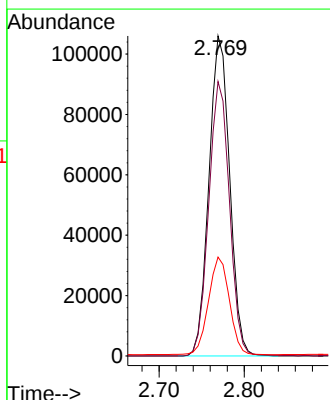
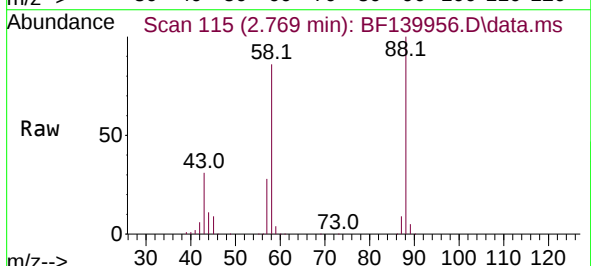
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ahmed

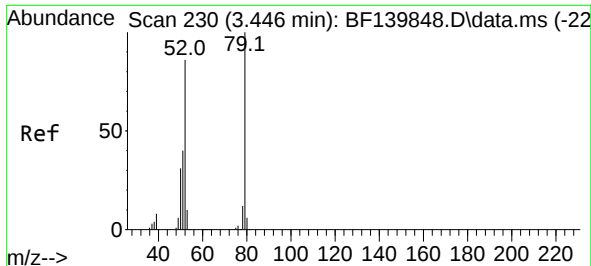
10/25/2024



#2
1,4-Dioxane
Concen: 39.129 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.082 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion: 88 Resp: 179223
Ion Ratio Lower Upper
88 100
58 85.9 73.3 109.9
43 30.8 27.1 40.7





#3

Pyridine

Concen: 41.467 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.082 min

Lab File: BF139956.D

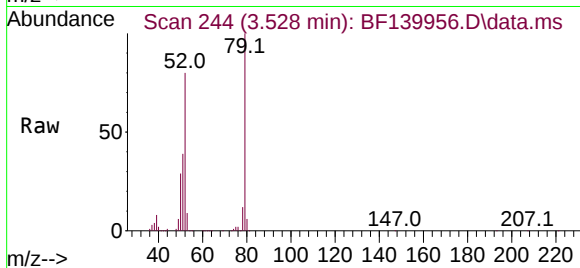
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS



Tgt Ion: 79 Resp: 470789

Ion Ratio Lower Upper

79 100

52 80.3 68.5 102.7

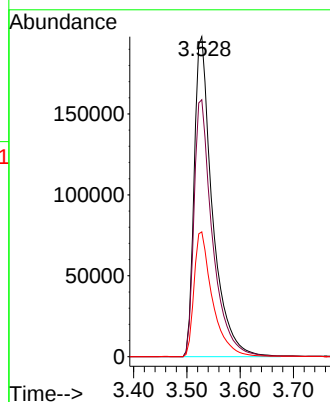
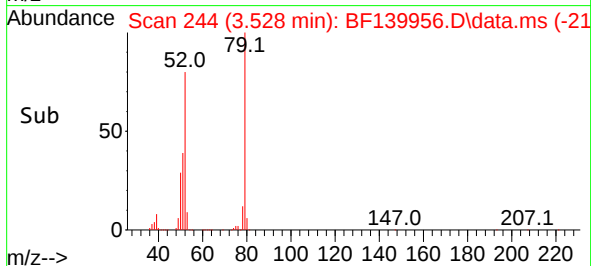
51 39.0 32.3 48.5

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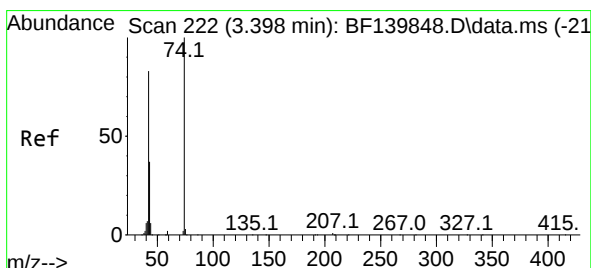
Supervised By :mohammad ahmed 10/25/2024



10/24/2024

Supervised By :mohammad
ahmed

10/25/2024



#4

n-Nitrosodimethylamine

Concen: 43.555 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.077 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

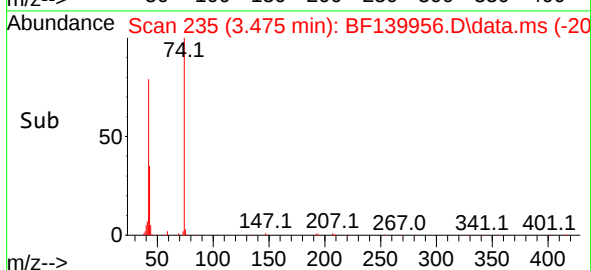
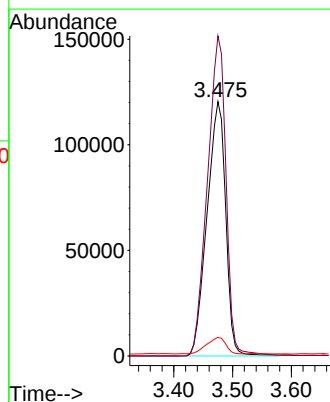
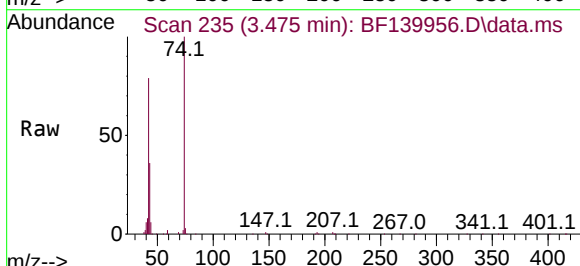
Tgt Ion: 42 Resp: 265674

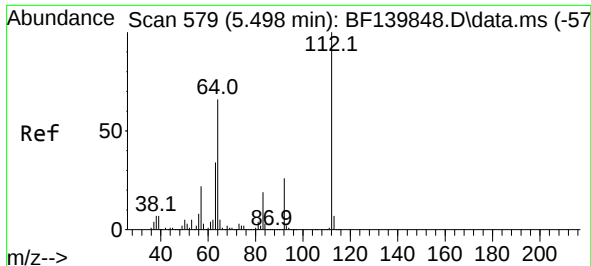
Ion Ratio Lower Upper

42 100

74 125.8 96.2 144.4

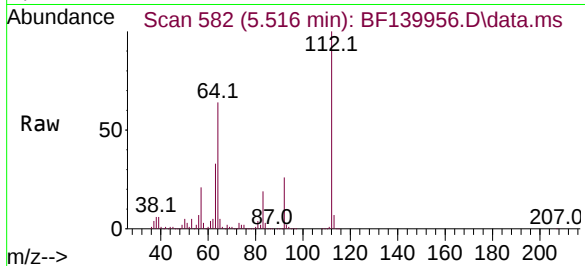
44 7.3 6.2 9.2





#5
2-Fluorophenol
Concen: 128.219 ng
RT: 5.516 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

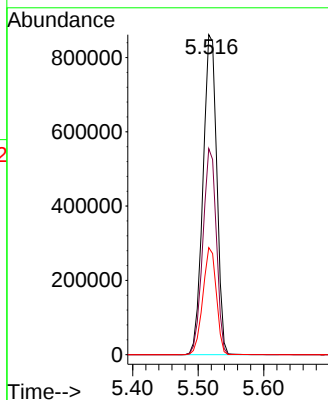
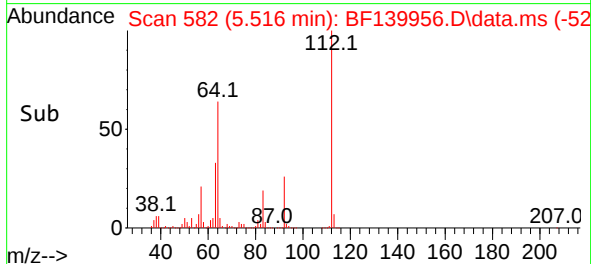
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 1259598
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 33.5 27.0 40.4

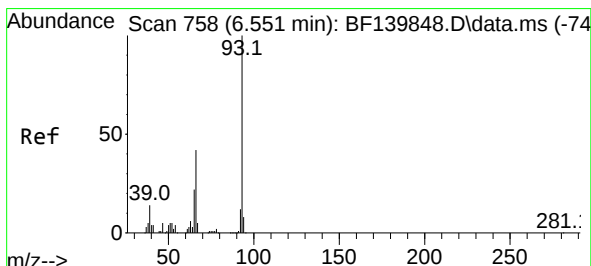
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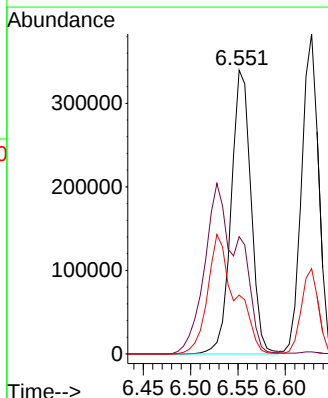
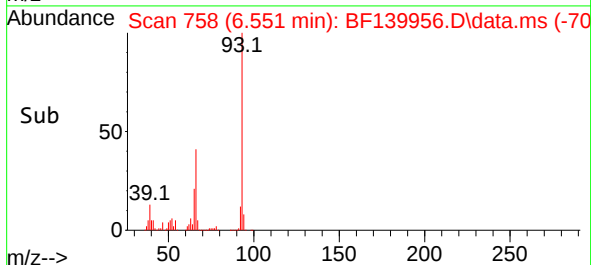
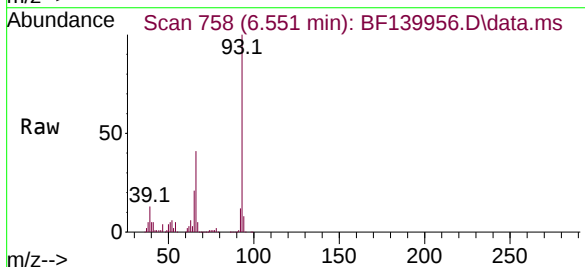
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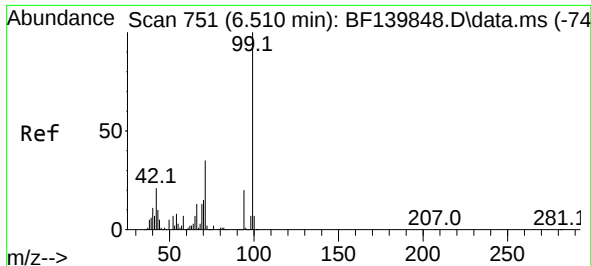
10/25/2024



#6
Aniline
Concen: 41.679 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139956.D
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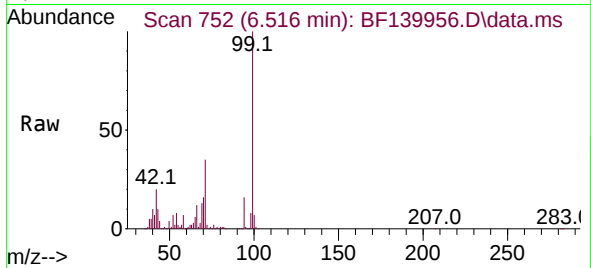
Tgt Ion: 93 Resp: 494228
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 20.7 17.4 26.0





#7
Phenol-d6
Concen: 125.978 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

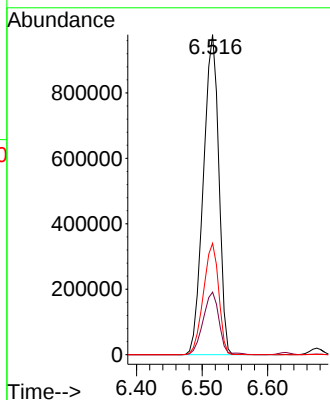
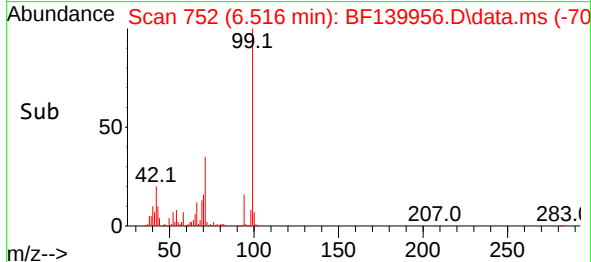
Instrument :
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Tgt Ion: 99 Resp: 160286
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 34.8 27.7 41.5

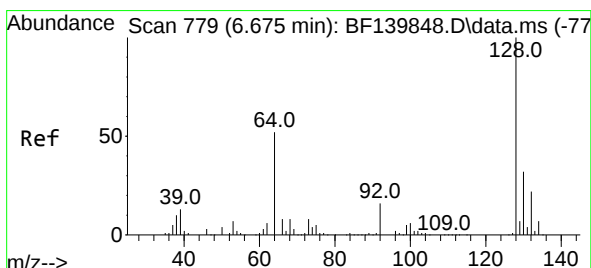
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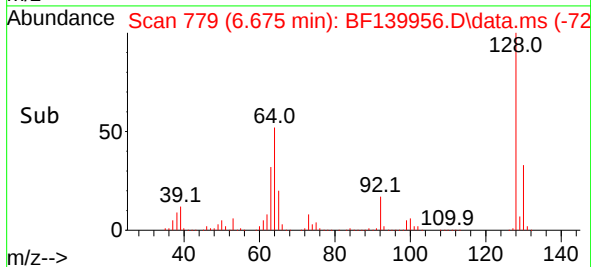
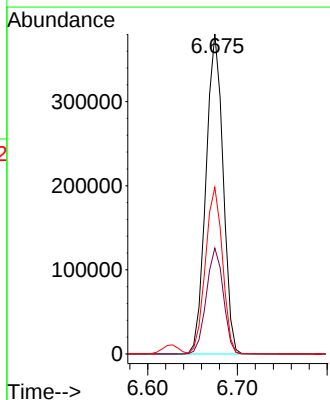
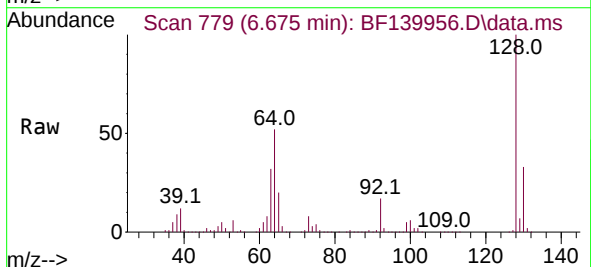
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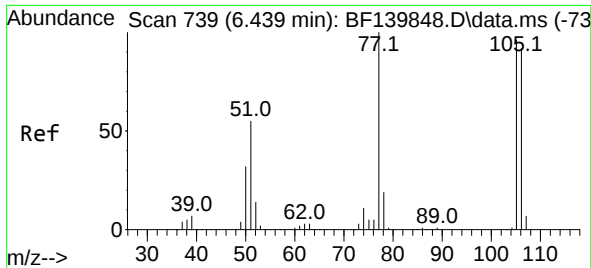
10/25/2024



#8
2-Chlorophenol
Concen: 50.044 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:128 Resp: 502587
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 52.1 34.6 74.6





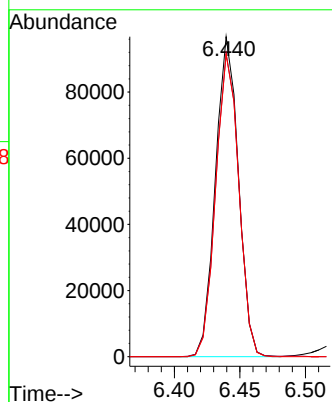
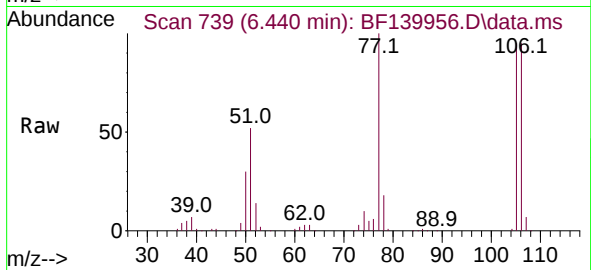
#9
Benzaldehyde
Concen: 16.449 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
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PB164237BS

Tgt Ion: 77 Resp: 11773
Ion Ratio Lower Upper
77 100
105 94.8 75.5 115.5
106 94.5 71.7 111.7

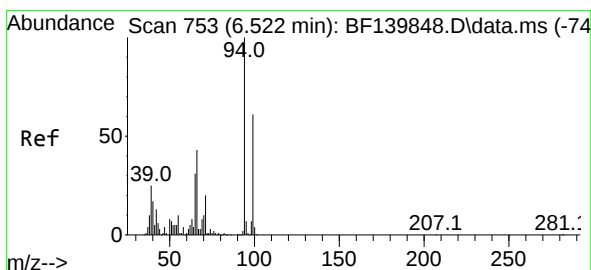
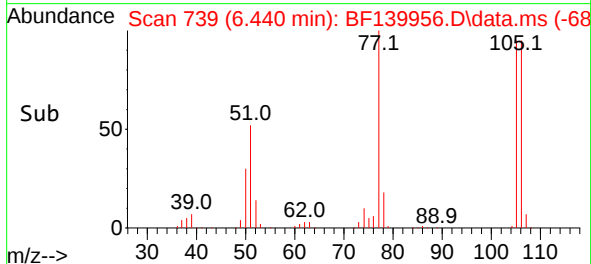
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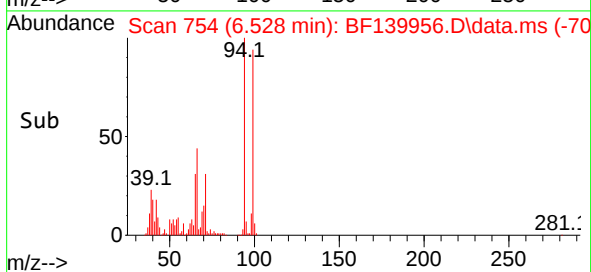
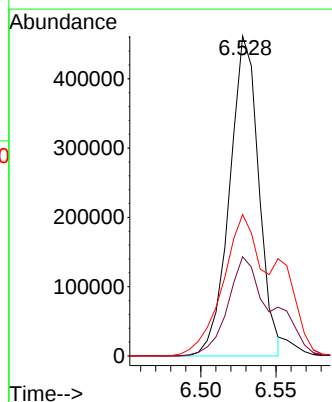
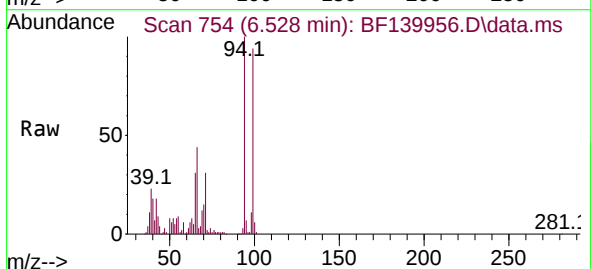
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ahmed

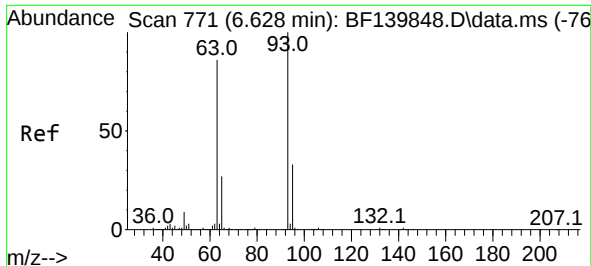
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#10
Phenol
Concen: 47.575 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion: 94 Resp: 624052
Ion Ratio Lower Upper
94 100
65 31.0 11.1 51.1
66 44.2 22.7 62.7





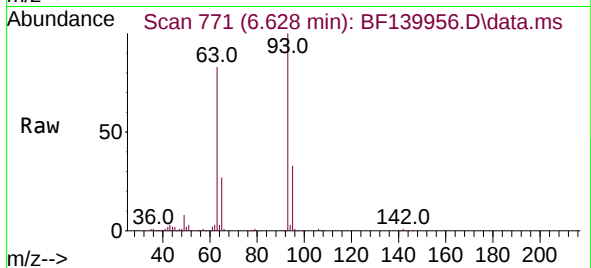
#11
bis(2-Chloroethyl)ether
Concen: 46.624 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

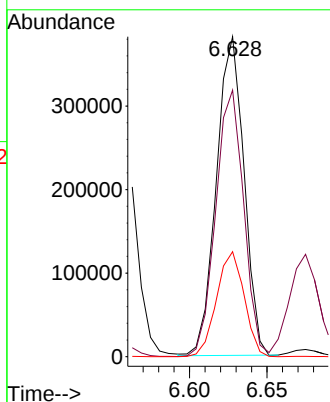
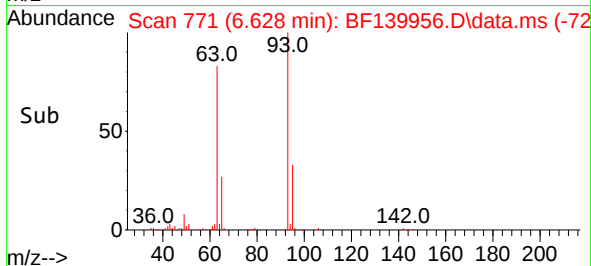
PB164237BS



Tgt Ion: 93 Resp: 472700
Ion Ratio Lower Upper
93 100
63 83.3 65.0 105.0
95 32.8 12.4 52.4

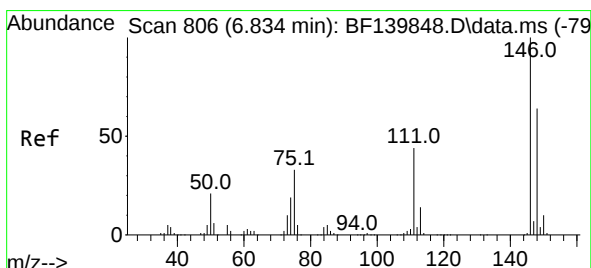
Manual Integrations
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Supervised By :mohammad ahmed 10/25/2024

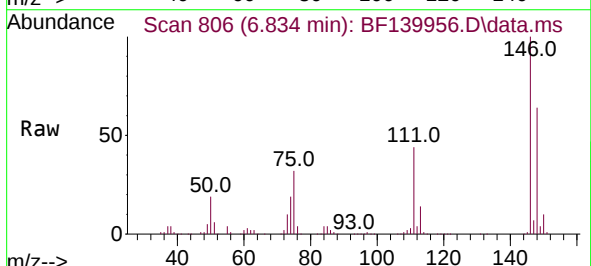


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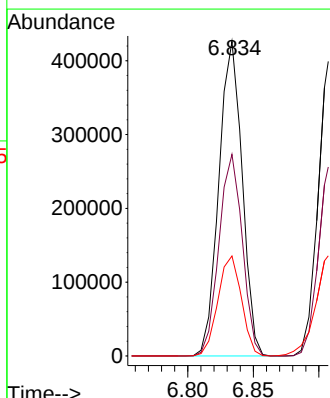
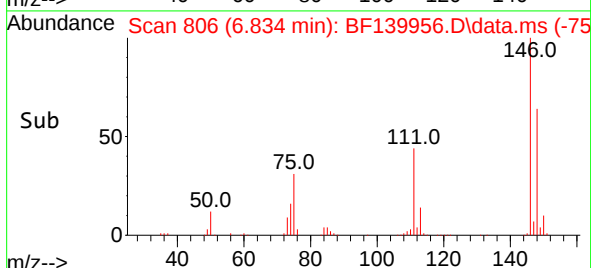
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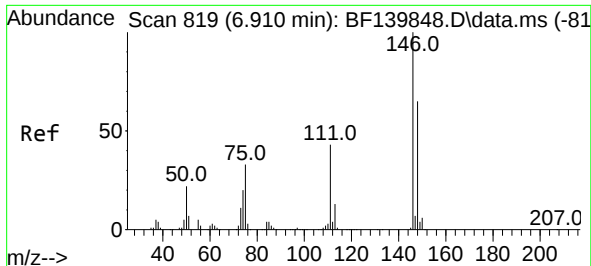


#12
1,3-Dichlorobenzene
Concen: 45.633 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14



Tgt Ion:146 Resp: 526071
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 31.8 26.4 39.6





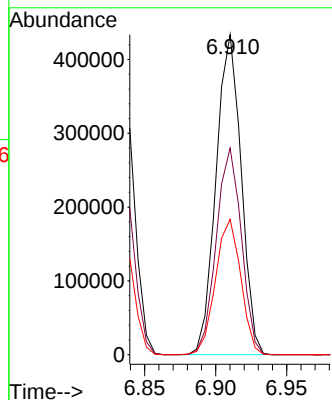
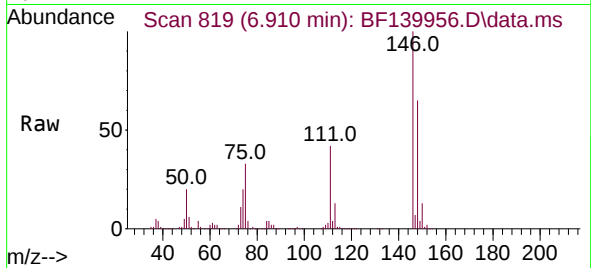
#13
1,4-Dichlorobenzene
Concen: 46.341 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :
BNA_F
ClientSampleId :
PB164237BS

Tgt Ion:146 Resp: 533734
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 42.3 34.6 51.8

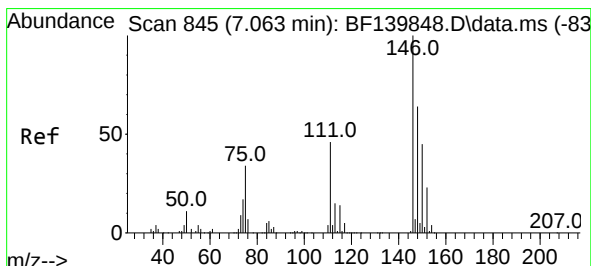
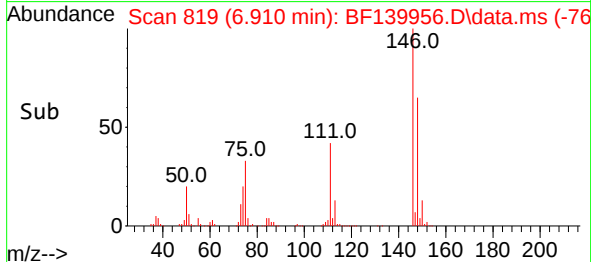
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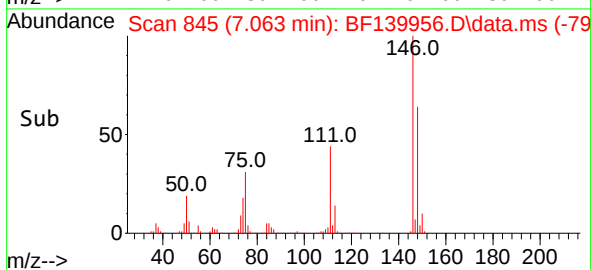
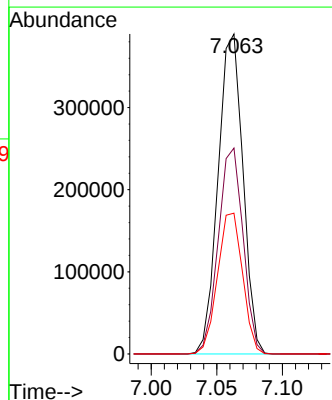
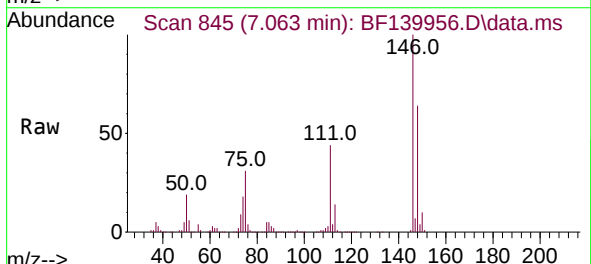
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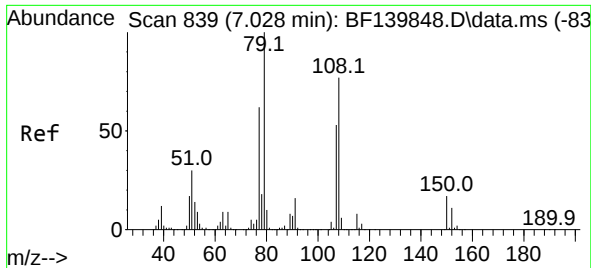
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#14
1,2-Dichlorobenzene
Concen: 47.797 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

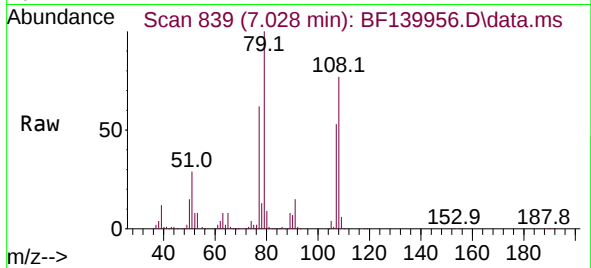
Tgt Ion:146 Resp: 513792
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 44.0 36.7 55.1





#15
Benzyl Alcohol
Concen: 49.139 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

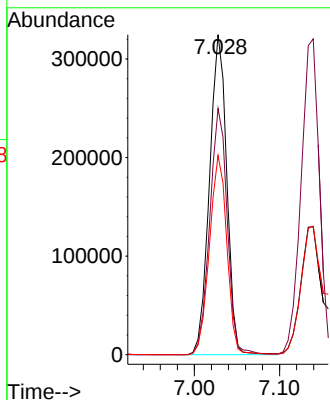
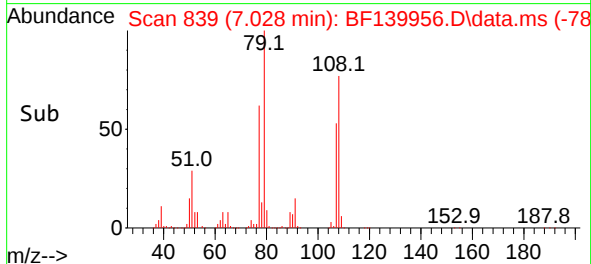
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion: 79 Resp: 458615
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.0
77 62.3 49.9 74.9

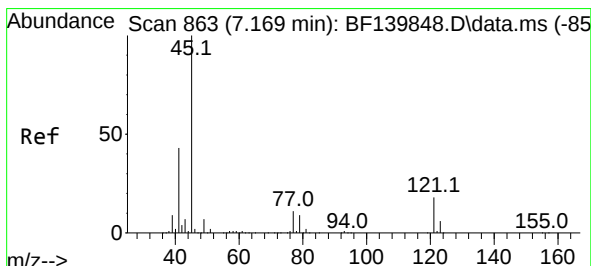
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Supervised By :mohammad ahmed 10/25/2024



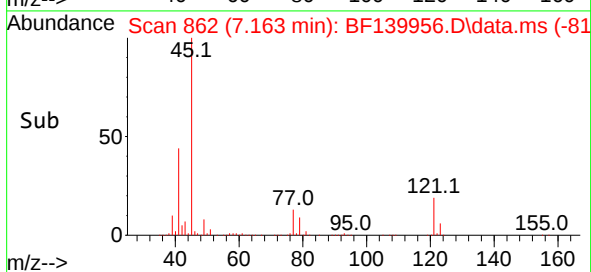
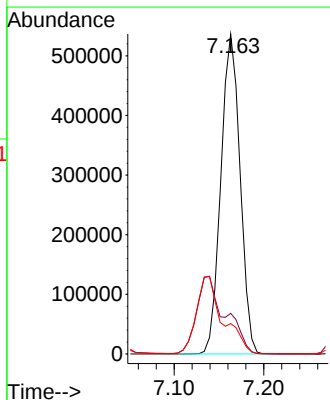
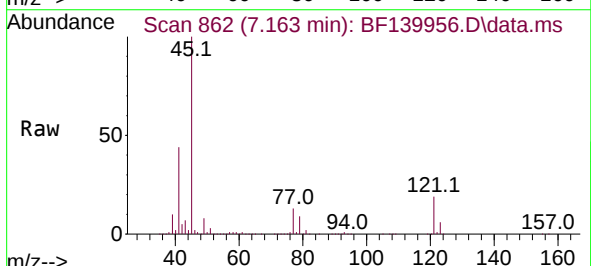
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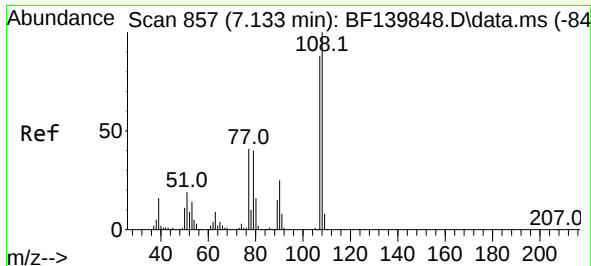
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.069 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

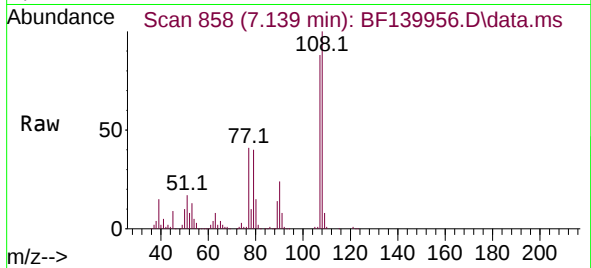
Tgt Ion: 45 Resp: 796433
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.5 0.0 29.1





#17
2-Methylphenol
Concen: 48.984 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

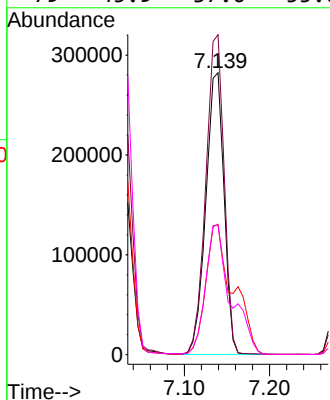
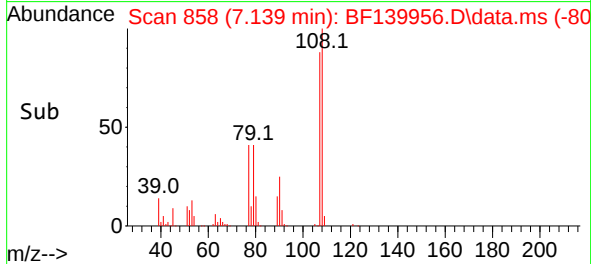
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:107 Resp: 419478
Ion Ratio Lower Upper
107 100
108 113.5 91.3 136.9
77 46.2 37.1 55.7
79 45.9 37.0 55.6

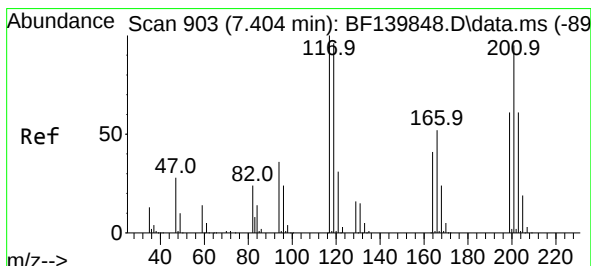
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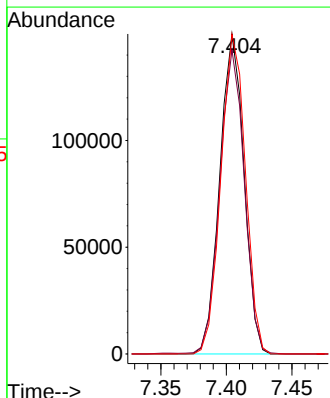
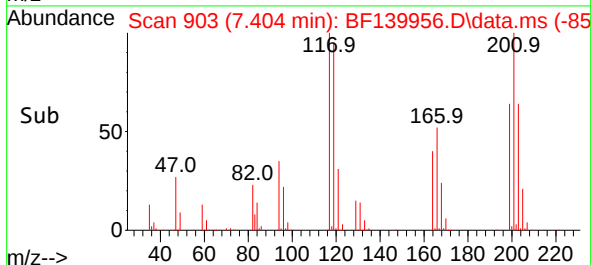
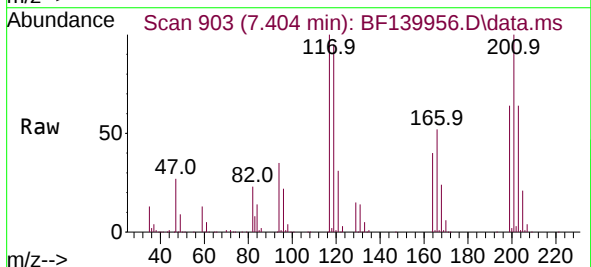
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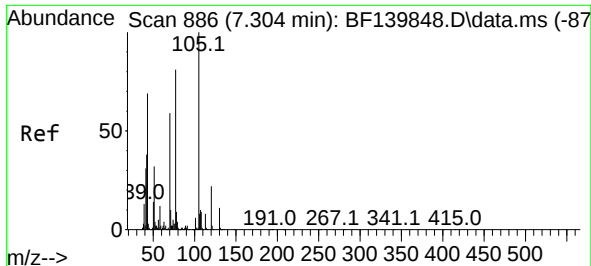
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#18
Hexachloroethane
Concen: 46.866 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:117 Resp: 192486
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4
201 99.9 76.2 114.4





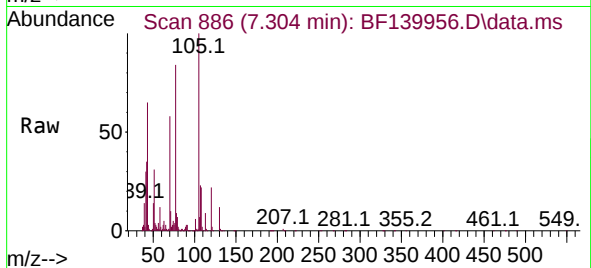
#19
n-Nitroso-di-n-propylamine
Concen: 46.642 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS



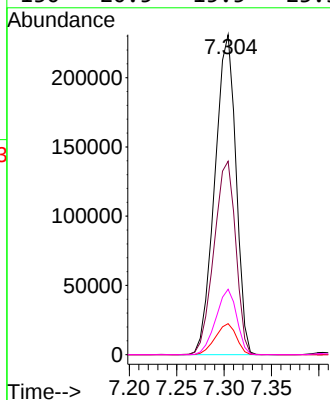
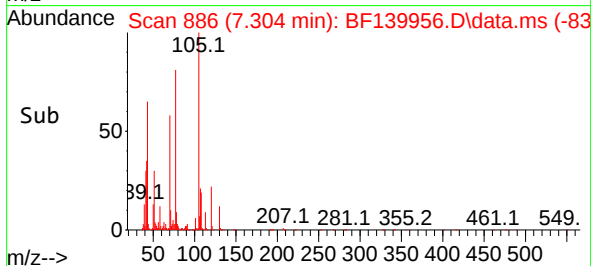
Tgt Ion: 70 Resp: 359919
Ion Ratio Lower Upper
70 100
42 60.5 51.5 77.3
101 9.7 7.5 11.3
130 20.5 15.5 23.3

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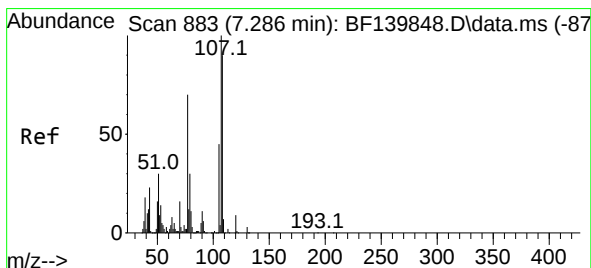
Supervised By :mohammad ahmed 10/25/2024



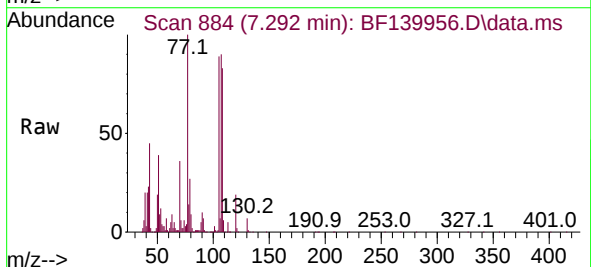
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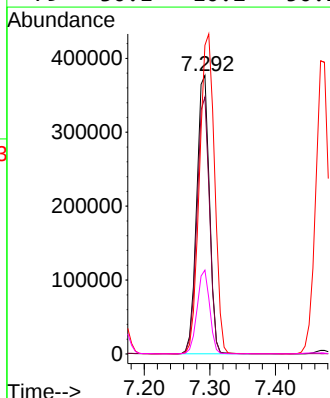
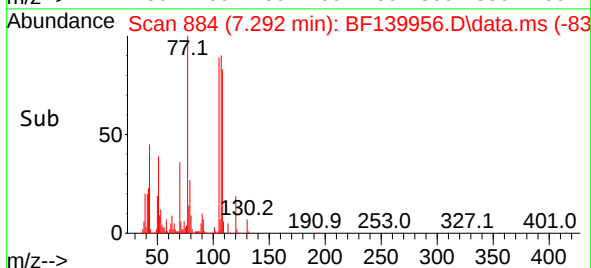
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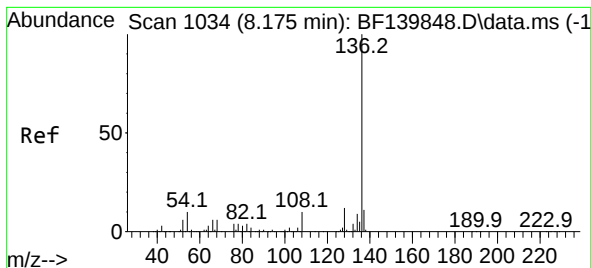


#20
3+4-Methylphenols
Concen: 46.363 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14



Tgt Ion:107 Resp: 507836
Ion Ratio Lower Upper
107 100
108 92.3 69.8 109.8
77 110.9 50.5 90.5#
79 30.1 10.2 50.2





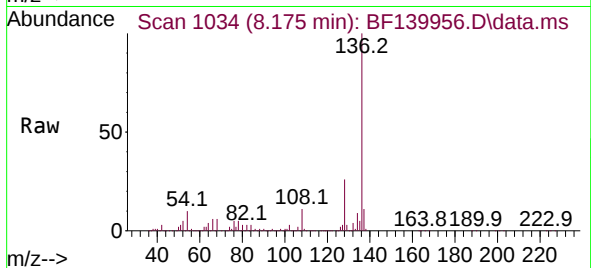
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

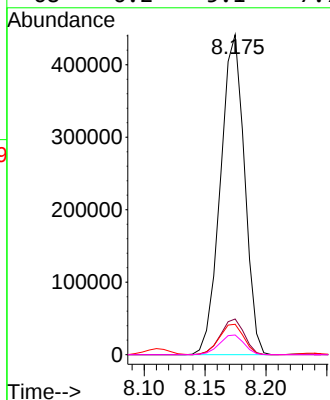
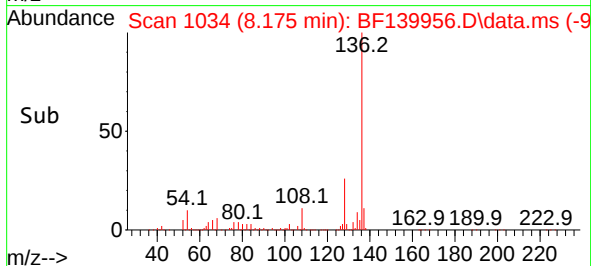
PB164237BS



Tgt Ion:136 Resp: 606740
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.5 8.4 12.6
68 6.2 5.1 7.7

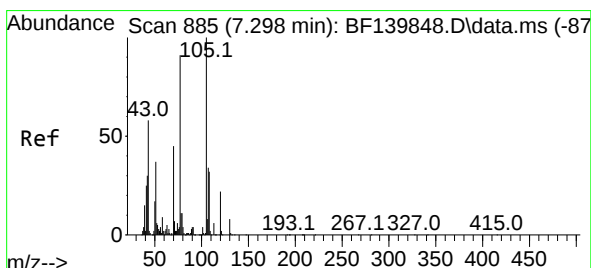
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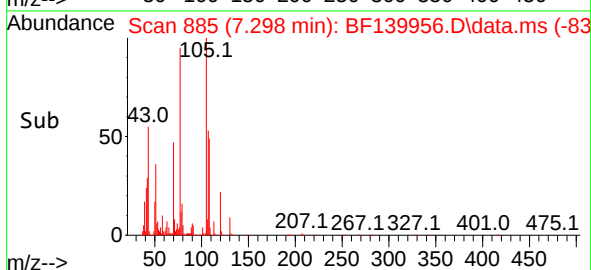
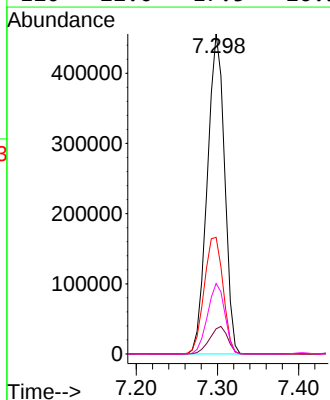
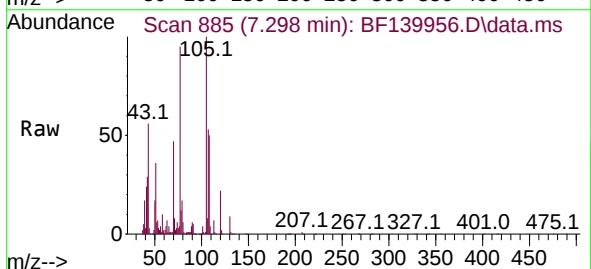
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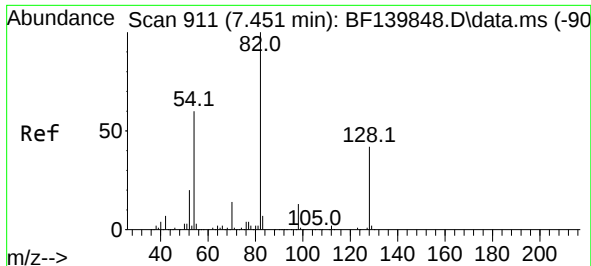
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#22
Acetophenone
Concen: 45.315 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:105 Resp: 673431
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 36.5 29.4 44.2
120 22.0 17.5 26.3





#23
Nitrobenzene-d5
Concen: 94.780 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

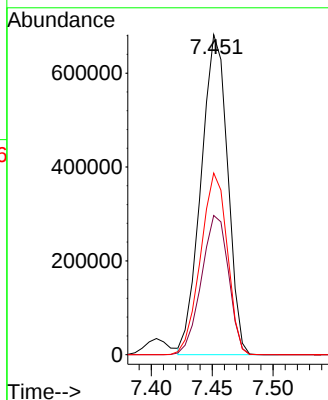
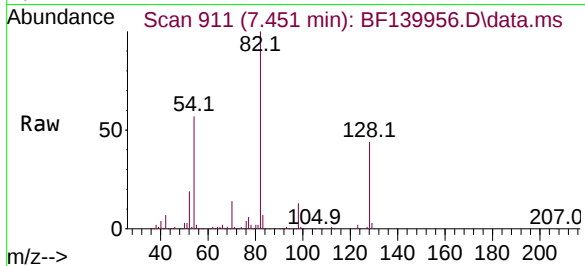
ClientSampleId :

PB164237BS

Tgt Ion: 82 Resp: 1037580
Ion Ratio Lower Upper
82 100
128 43.5 33.4 50.0
54 56.8 47.8 71.8

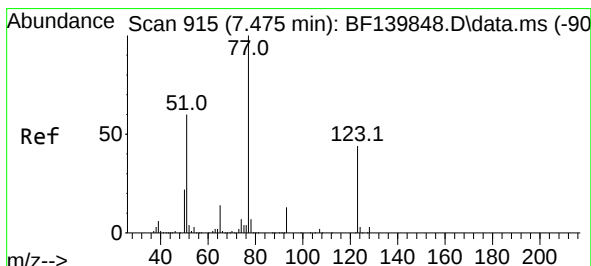
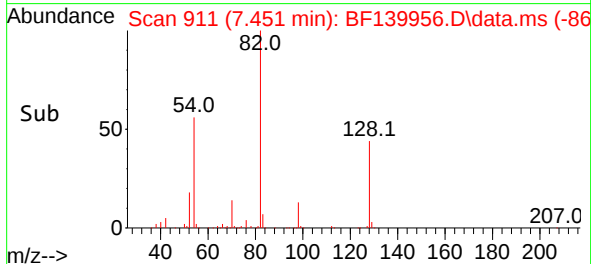
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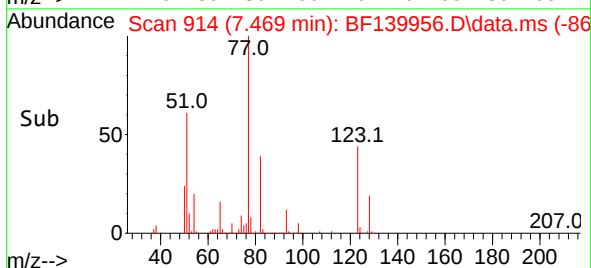
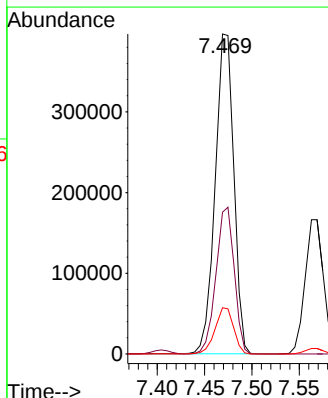
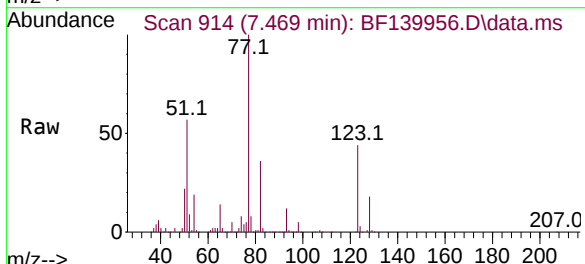
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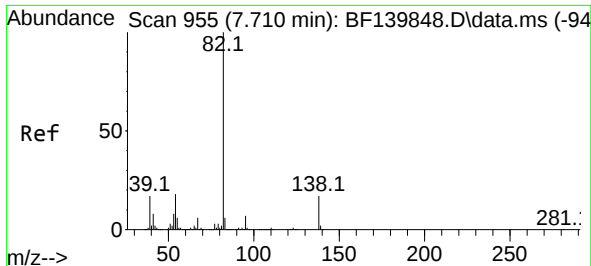
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#24
Nitrobenzene
Concen: 45.329 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

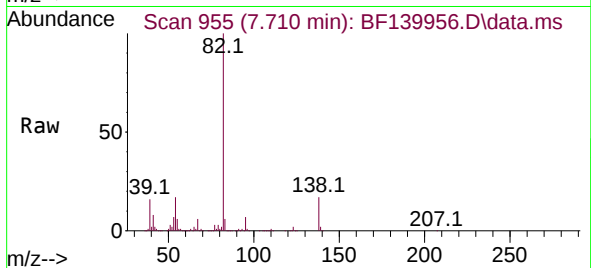
Tgt Ion: 77 Resp: 544059
Ion Ratio Lower Upper
77 100
123 44.3 35.7 53.5
65 14.4 11.5 17.3





#25
Isophorone
Concen: 47.659 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

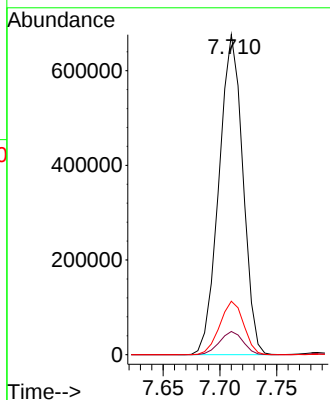
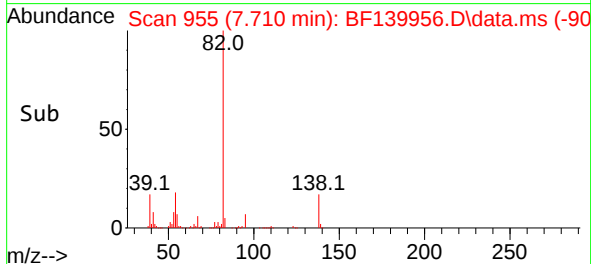
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion: 82 Resp: 990250
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.7 13.2 19.8

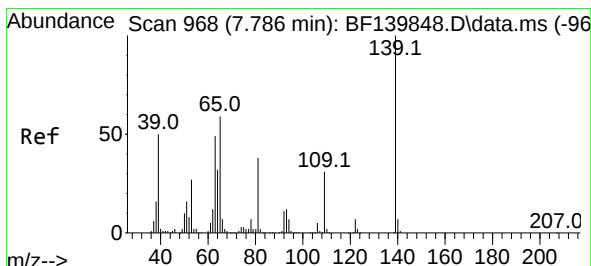
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Supervised By :mohammad ahmed 10/25/2024

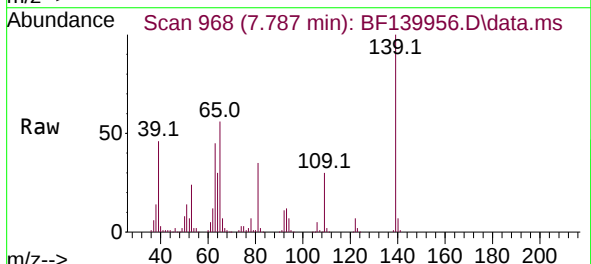


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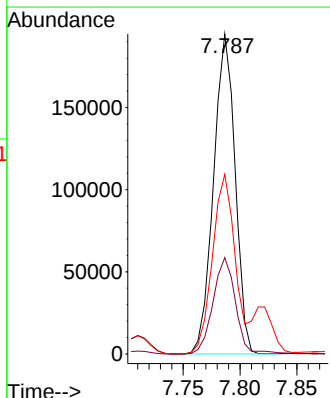
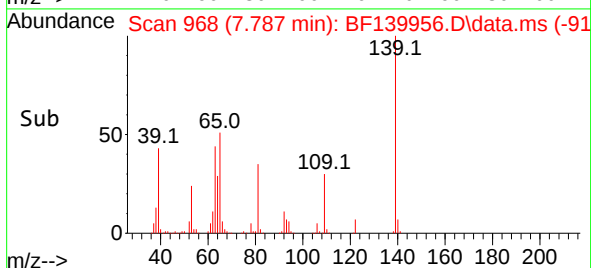
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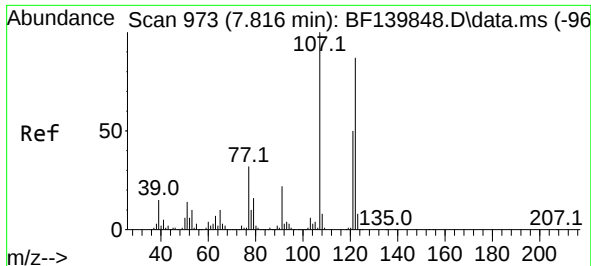


#26
2-Nitrophenol
Concen: 56.850 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14



Tgt Ion:139 Resp: 257417
Ion Ratio Lower Upper
139 100
109 30.1 25.1 37.7
65 56.1 47.5 71.3





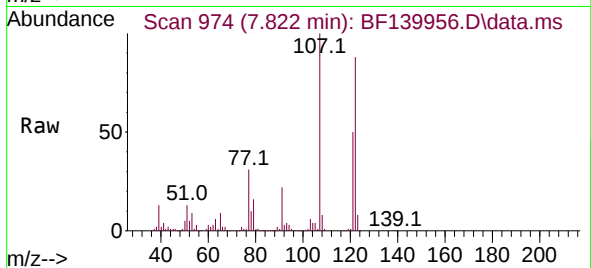
#27
2,4-Dimethylphenol
Concen: 56.009 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

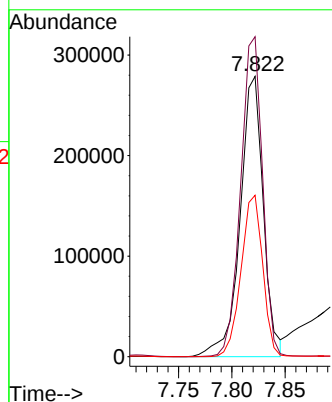
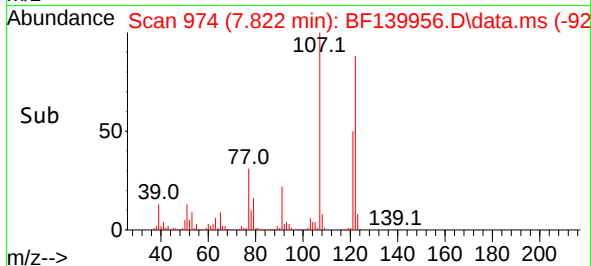
PB164237BS



Tgt Ion:122 Resp: 42288
Ion Ratio Lower Upper
122 100
107 114.1 91.9 137.9
121 57.6 46.2 69.4

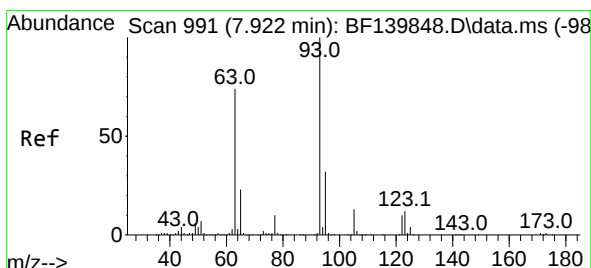
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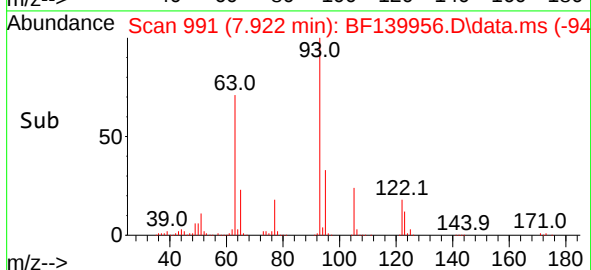
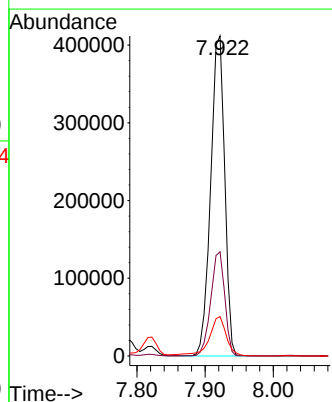
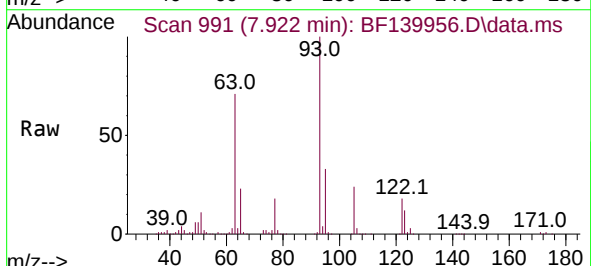
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ahmed

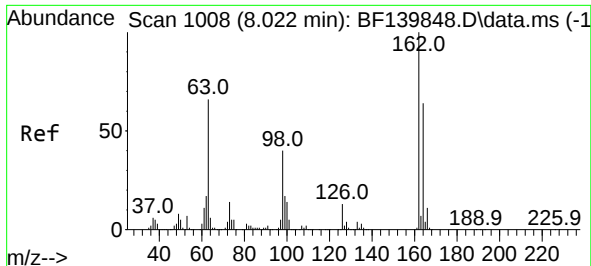
10/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.905 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion: 93 Resp: 590478
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 48.608 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

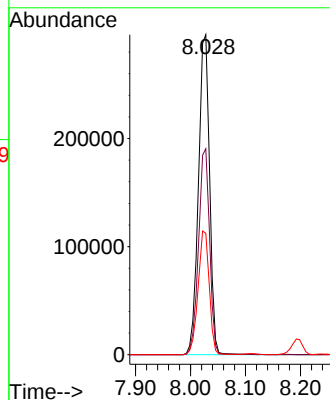
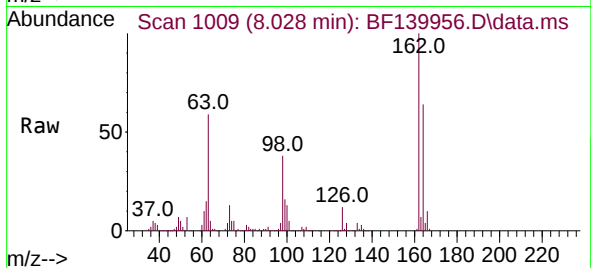
Tgt Ion:162	Resp: 41802
Ion Ratio	Lower Upper
162 100	
164 64.4	43.9 83.9
98 38.0	19.9 59.9

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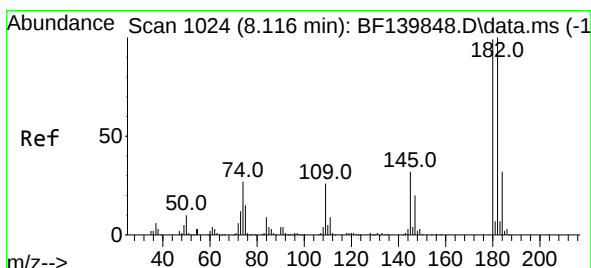
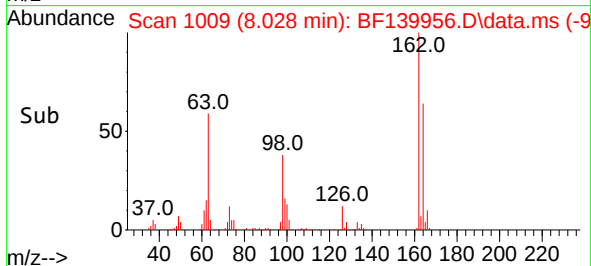
Supervised By :mohammad ahmed 10/25/2024



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Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 45.533 ng

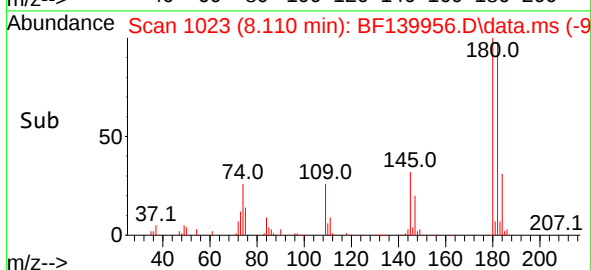
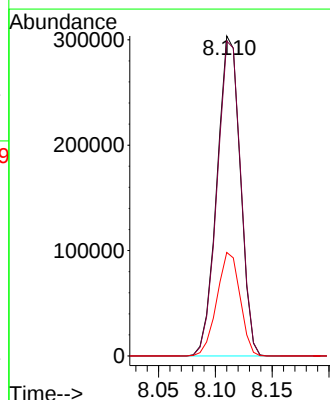
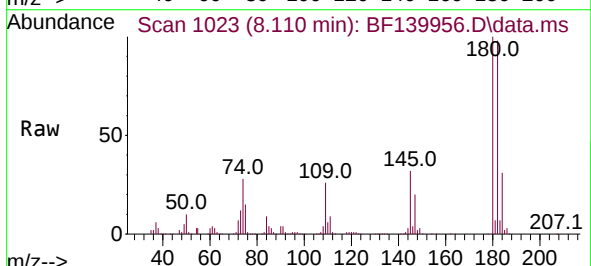
RT: 8.110 min Scan# 1023

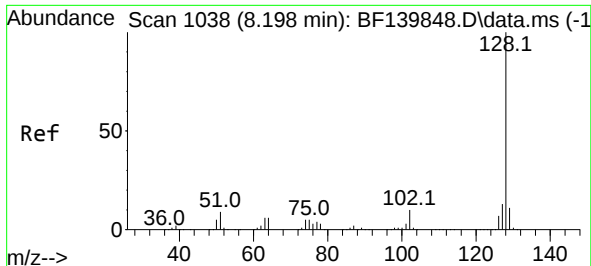
Delta R.T. -0.006 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Tgt Ion:180	Resp: 433288
Ion Ratio	Lower Upper
180 100	
182 98.4	80.5 120.7
145 32.4	25.4 38.0





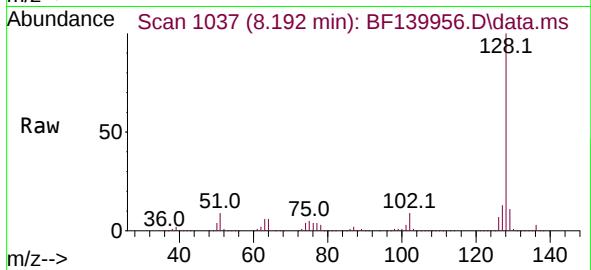
#31
Naphthalene
Concen: 46.242 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS



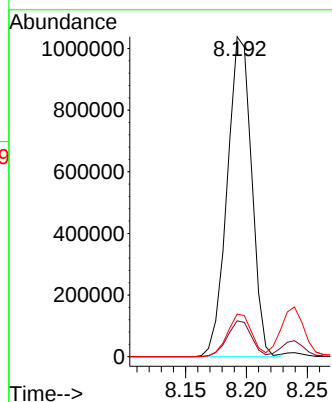
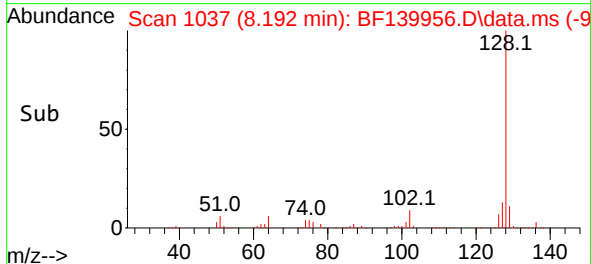
Tgt Ion:128 Resp: 1447000
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0

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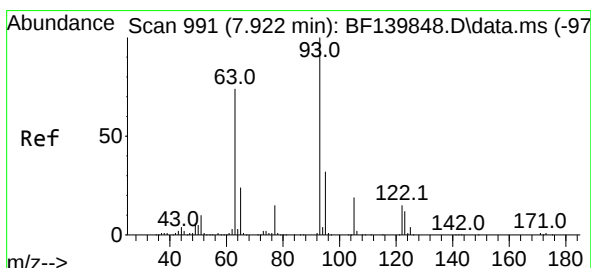
Supervised By :mohammad ahmed 10/25/2024



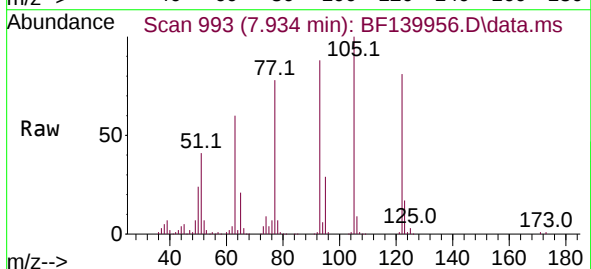
10/24/2024

Supervised By :mohammad
ahmed

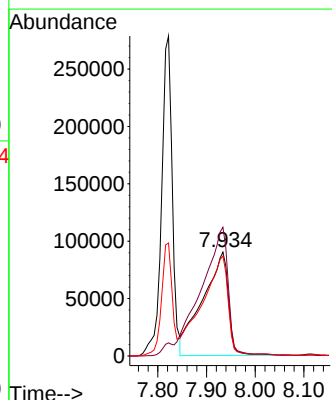
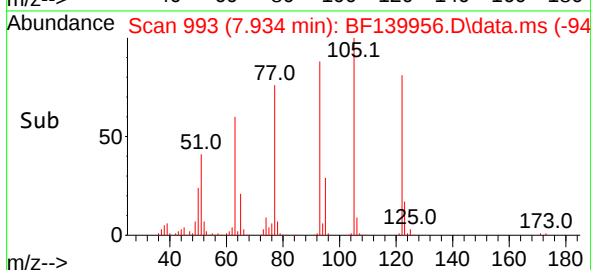
10/25/2024

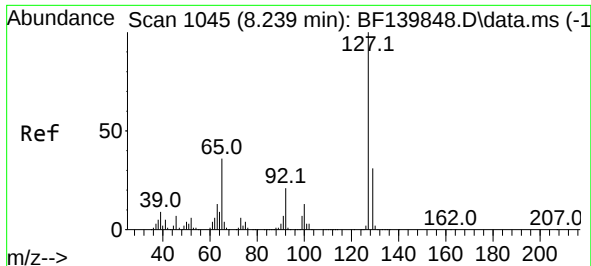


#32
Benzoic acid
Concen: 50.549 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14



Tgt Ion:122 Resp: 332879
Ion Ratio Lower Upper
122 100
105 123.9 107.6 147.6
77 96.3 80.2 120.2





#33
4-Chloroaniline
Concen: 21.221 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

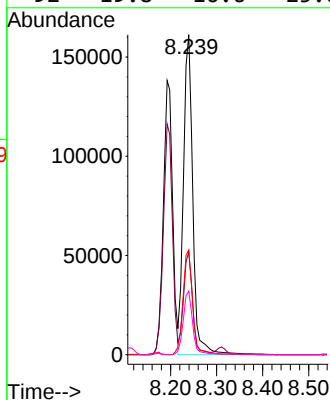
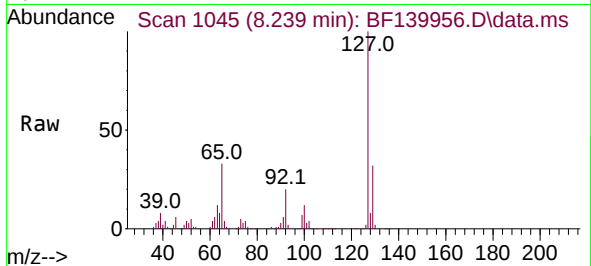
ClientSampleId :

PB164237BS

Tgt Ion:127 Resp: 22643
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.2
65 32.7 28.4 42.6
92 19.8 16.6 25.0

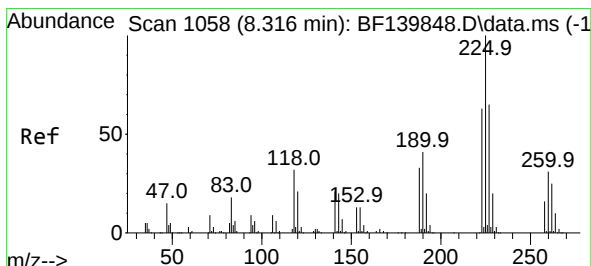
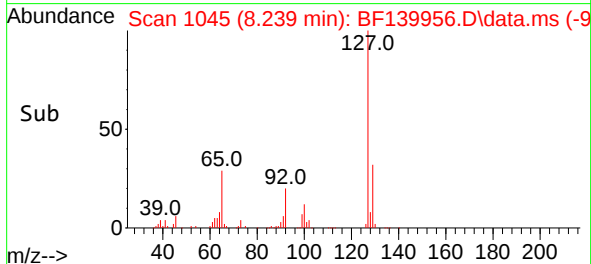
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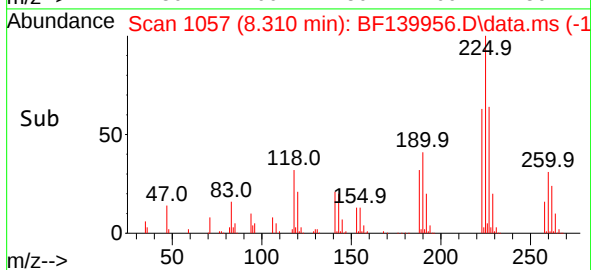
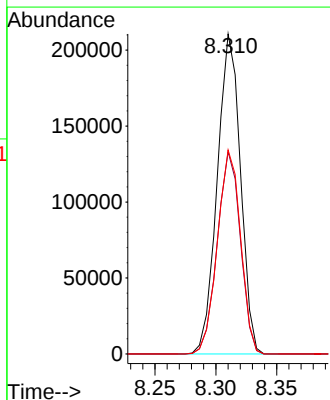
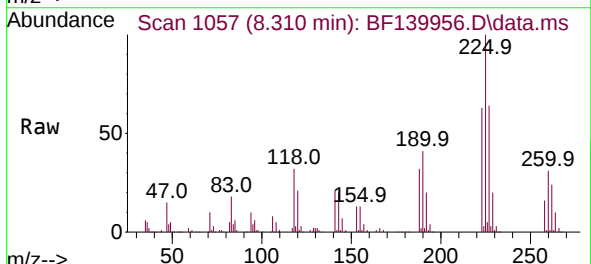
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ahmed

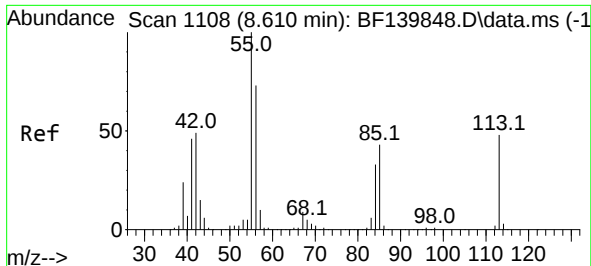
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#34
Hexachlorobutadiene
Concen: 46.714 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

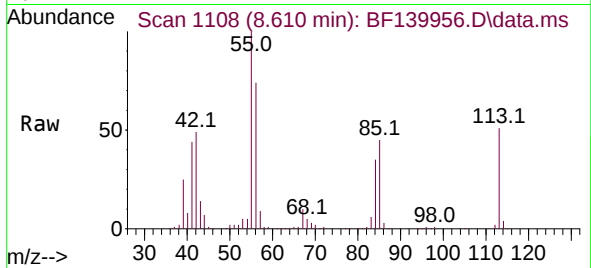
Tgt Ion:225 Resp: 279302
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 63.7 51.8 77.8





#35
Caprolactam
Concen: 50.915 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

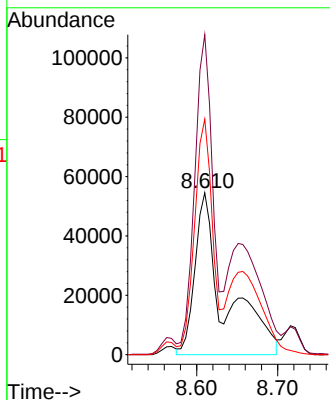
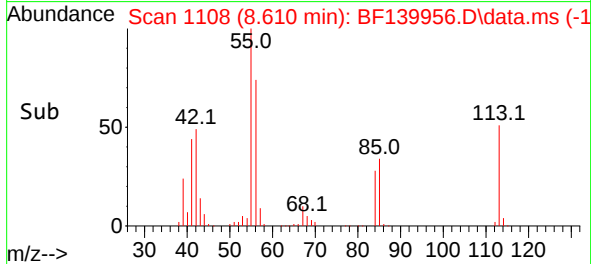
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:113 Resp: 13922
Ion Ratio Lower Upper
113 100
55 197.5 189.2 229.2
56 145.4 132.5 172.5

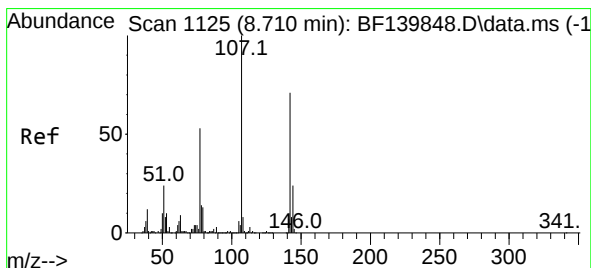
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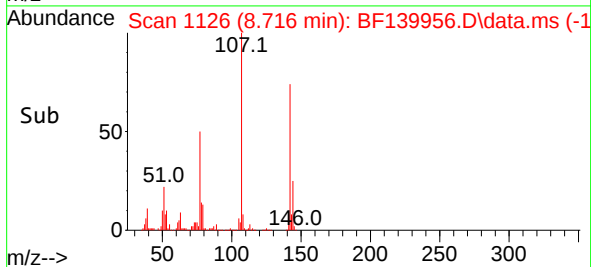
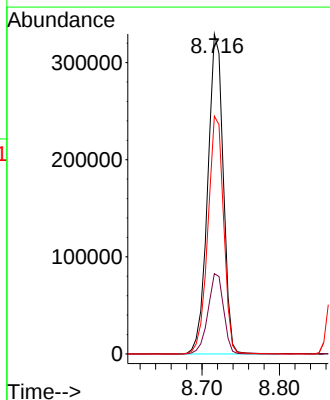
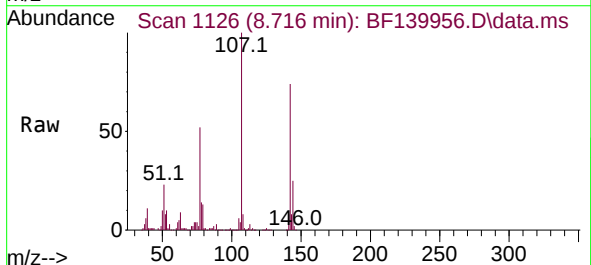
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ahmed

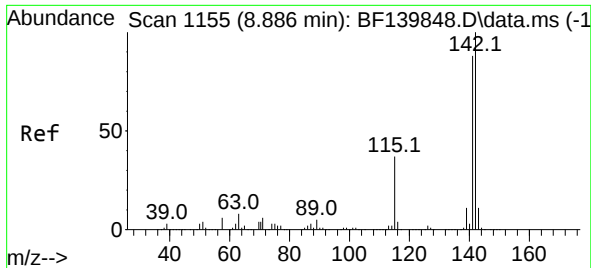
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#36
4-Chloro-3-methylphenol
Concen: 48.276 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:107 Resp: 459710
Ion Ratio Lower Upper
107 100
144 25.1 19.1 28.7
142 74.4 57.2 85.8





#37
2-Methylnaphthalene
Concen: 47.974 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

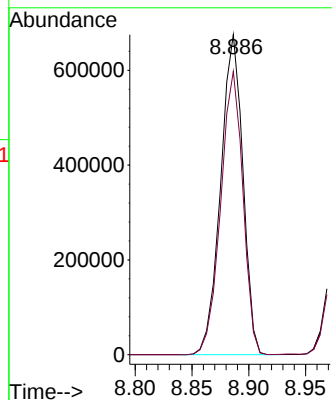
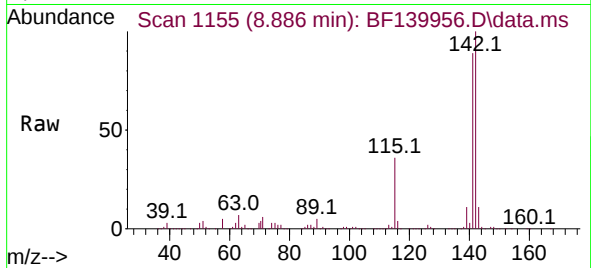
PB164237BS

Tgt Ion:142 Resp: 91940
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2

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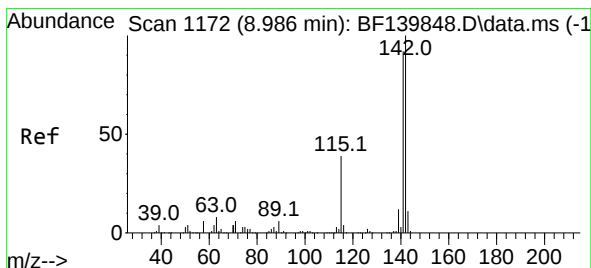
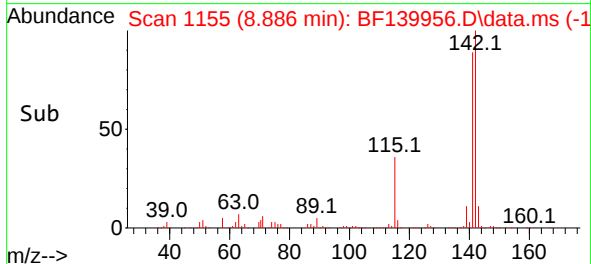
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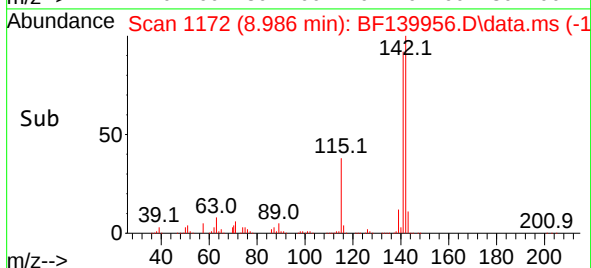
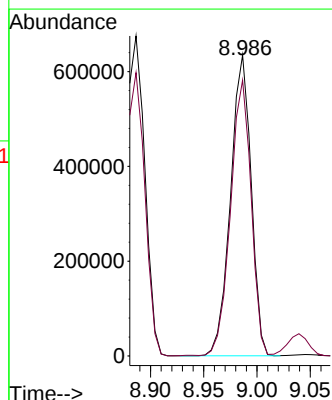
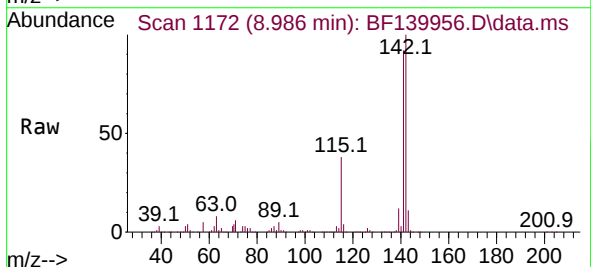
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ahmed

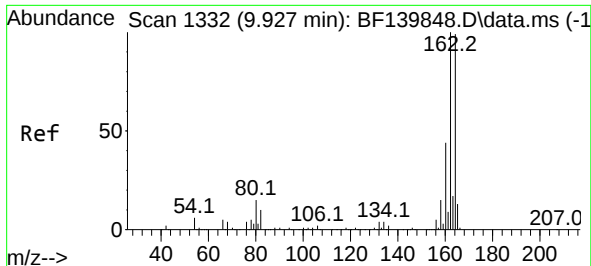
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#38
1-Methylnaphthalene
Concen: 45.514 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:142 Resp: 855787
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1132

Delta R.T. 0.001 min

Lab File: BF139956.D

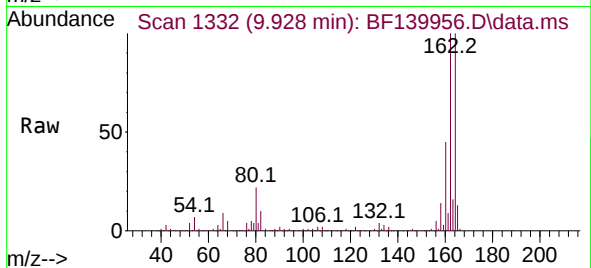
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

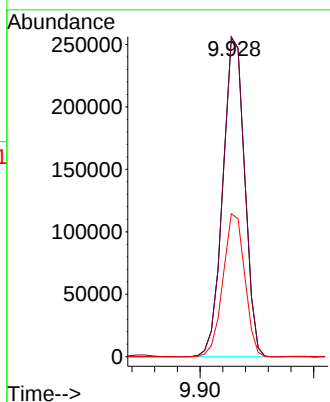
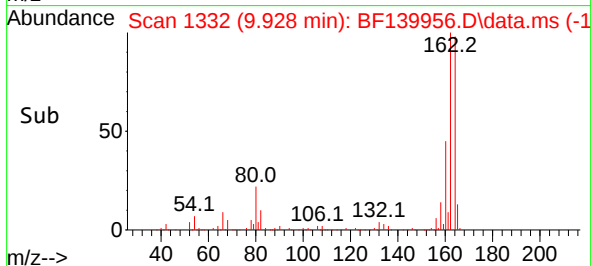


Tgt Ion:	164	Resp:	34074
Ion Ratio	Lower	Upper	
164	100		
162	100.2	81.0	121.4
160	44.7	35.4	53.0

Manual Integrations
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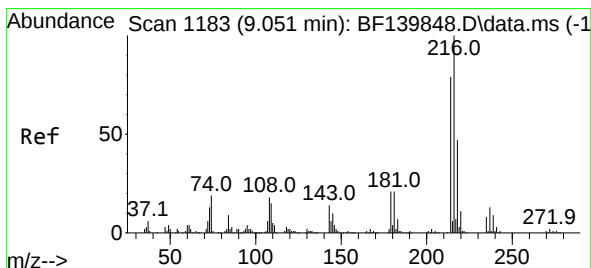
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



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Supervised By :mohammad
ahmed

10/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.475 ng

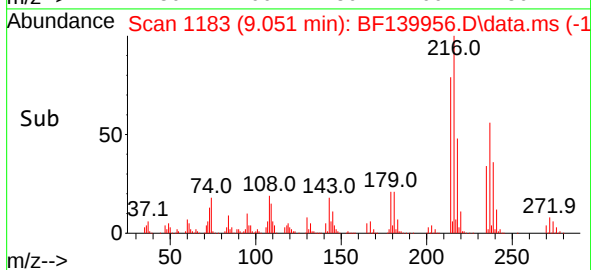
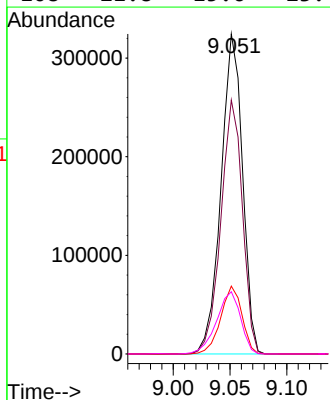
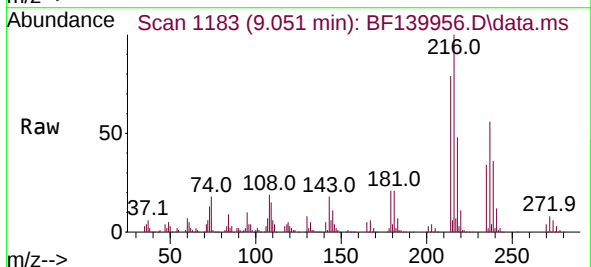
RT: 9.051 min Scan# 1183

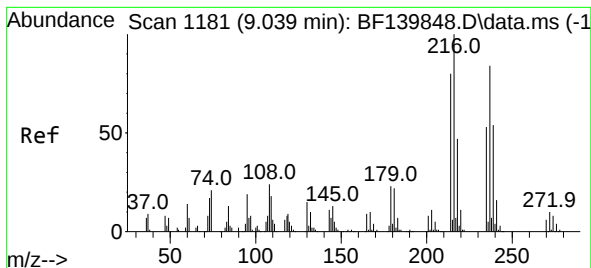
Delta R.T. 0.000 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Tgt Ion:	216	Resp:	427242
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.4	95.0
179	21.0	17.2	25.8
108	21.8	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 178.375 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

Tgt Ion:237 Resp: 57056

Ion Ratio Lower Upper

237 100

235 63.3 42.9 82.9

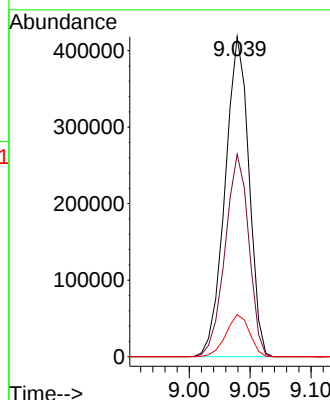
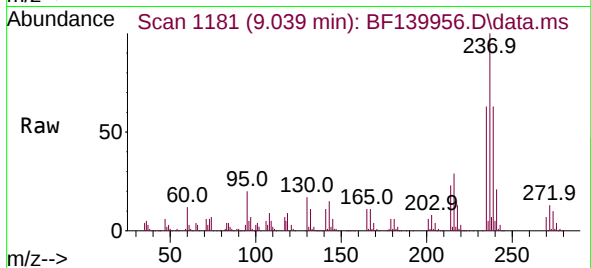
272 13.2 0.0 32.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

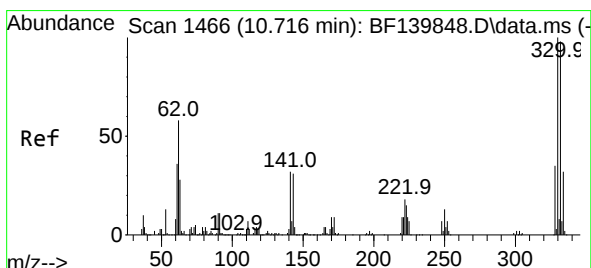
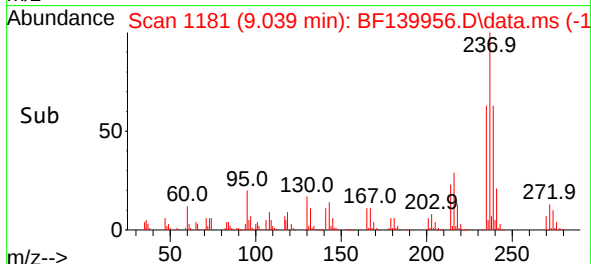
Supervised By :mohammad ahmed 10/25/2024



10/24/2024

Supervised By :mohammad
ahmed

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#42

2,4,6-Tribromophenol

Concen: 157.727 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

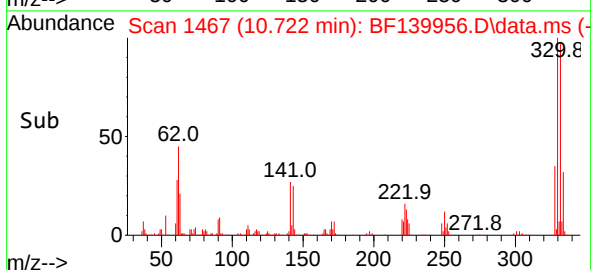
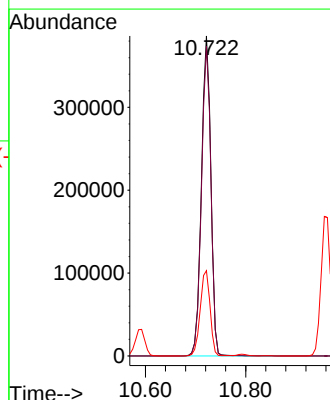
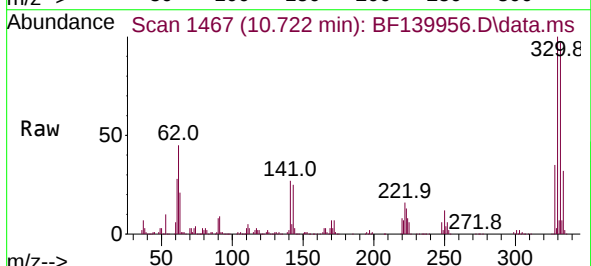
Tgt Ion:330 Resp: 502715

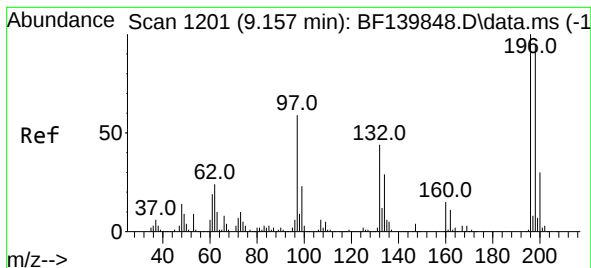
Ion Ratio Lower Upper

330 100

332 96.6 78.1 117.1

141 27.9 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 51.939 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139956.D

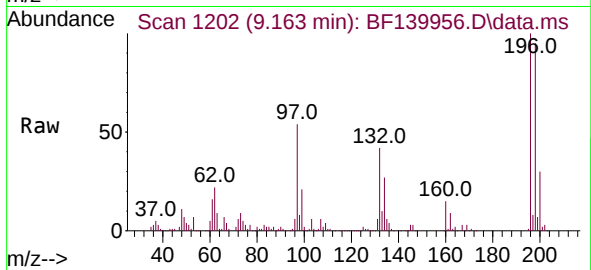
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS



Tgt Ion:196 Resp: 33804

Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.2

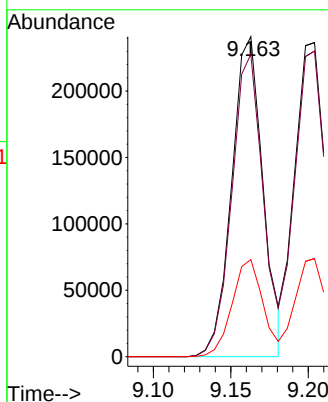
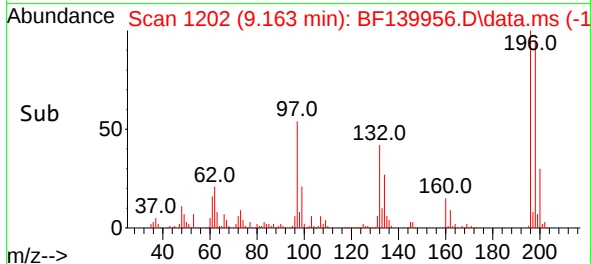
200 30.4 24.0 36.0

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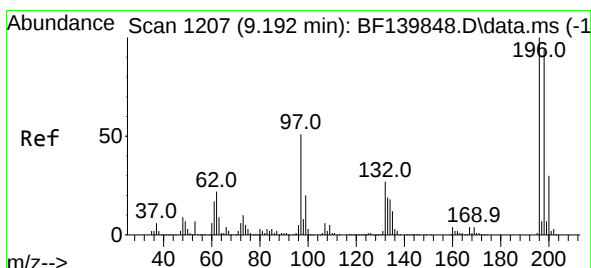
Supervised By :mohammad ahmed 10/25/2024



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ahmed

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#44

2,4,5-Trichlorophenol

Concen: 48.935 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Tgt Ion:196 Resp: 328594

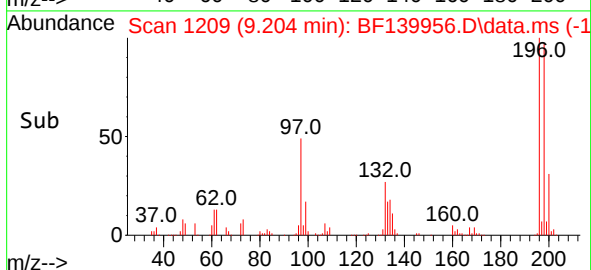
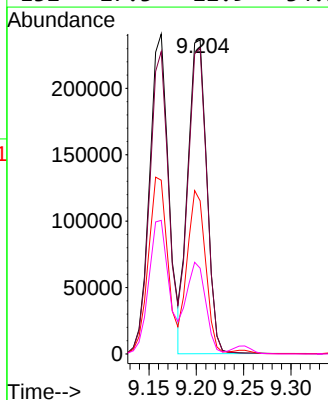
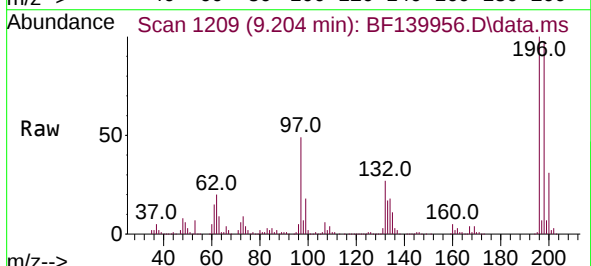
Ion Ratio Lower Upper

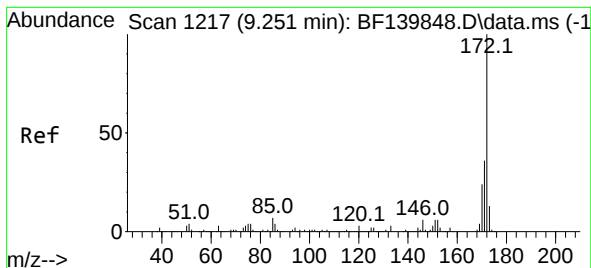
196 100

198 97.3 75.8 113.6

97 48.8 41.8 62.6

132 27.3 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 91.494 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

Tgt Ion:172 Resp: 1886404

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

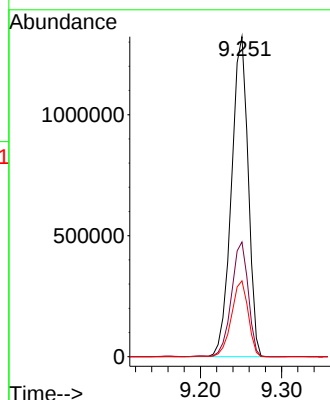
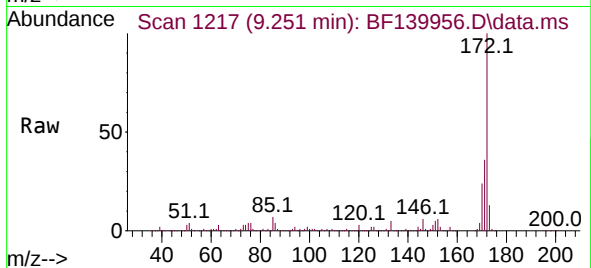
170 23.7 19.1 28.7

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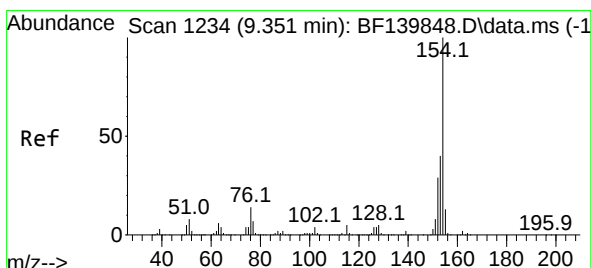
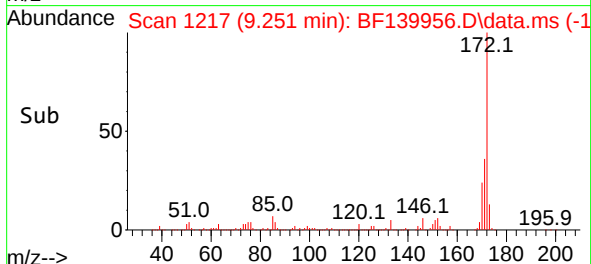
Supervised By :mohammad ahmed 10/25/2024



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#46

1,1'-Biphenyl

Concen: 46.656 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

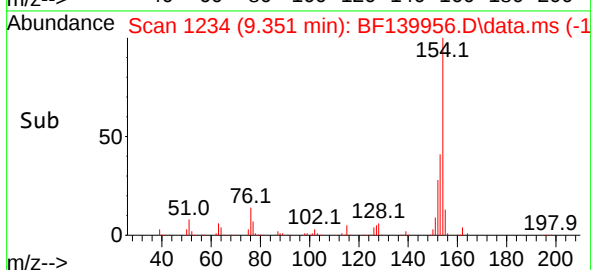
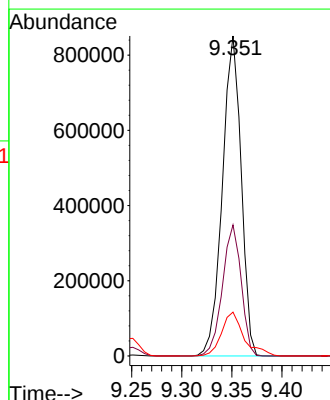
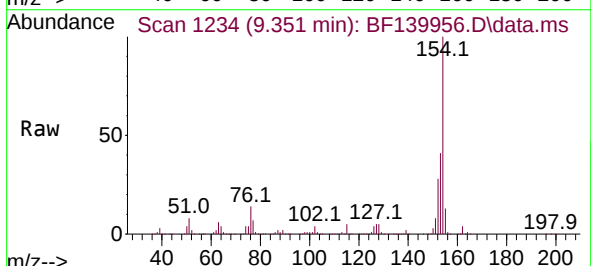
Tgt Ion:154 Resp: 1106732

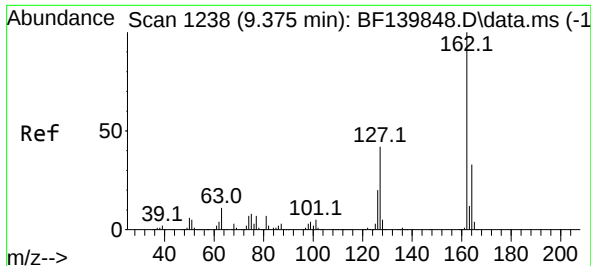
Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

76 13.7 0.0 33.9





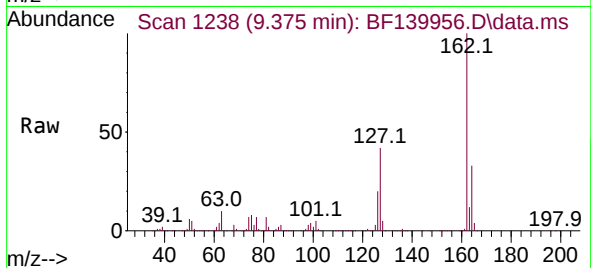
#47
2-Chloronaphthalene
Concen: 46.303 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

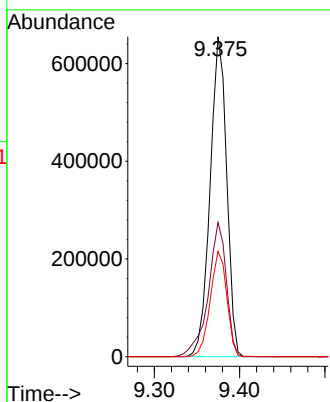
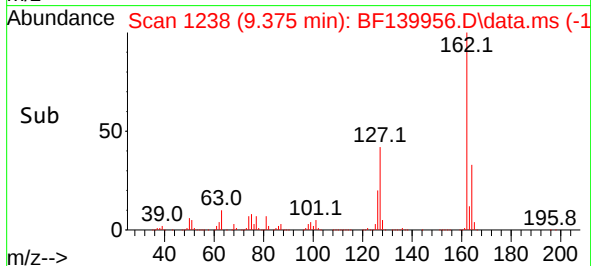
PB164237BS



Tgt Ion:162 Resp: 884624
Ion Ratio Lower Upper
162 100
127 41.9 33.8 50.6
164 33.0 26.6 39.8

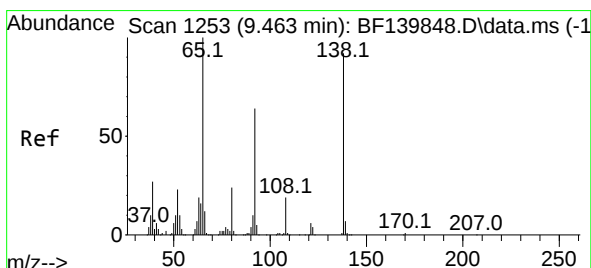
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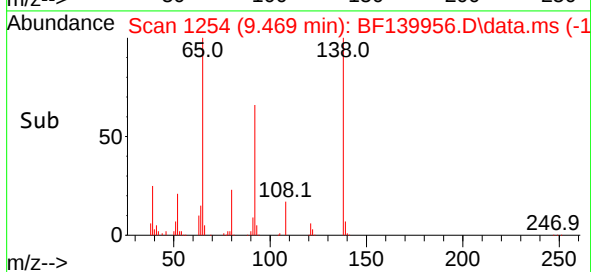
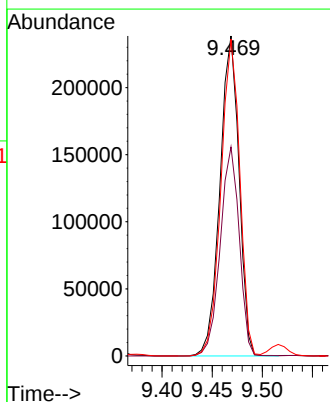
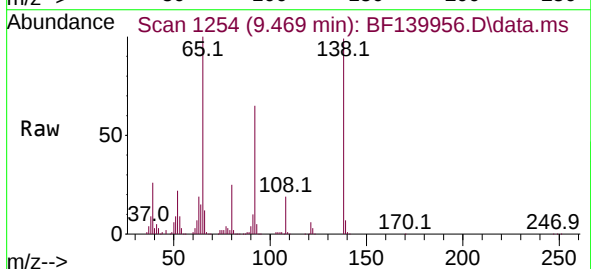
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Supervised By :mohammad
ahmed

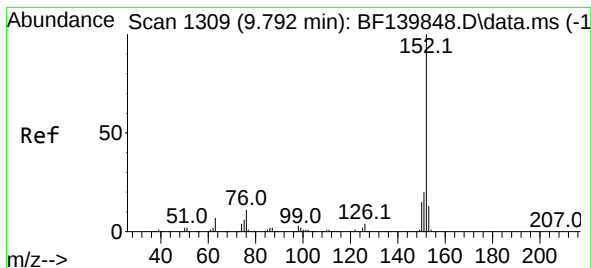
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#48
2-Nitroaniline
Concen: 53.764 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion: 65 Resp: 314155
Ion Ratio Lower Upper
65 100
92 65.3 50.9 76.3
138 99.0 73.4 110.0





#49

Acenaphthylene

Concen: 50.703 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139956.D

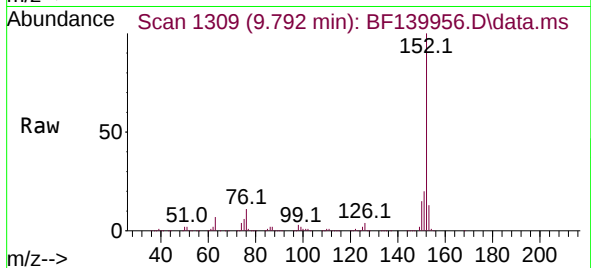
Acq: 23 Oct 2024 11:14

Instrument :

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Tgt Ion:152 Resp: 140045

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

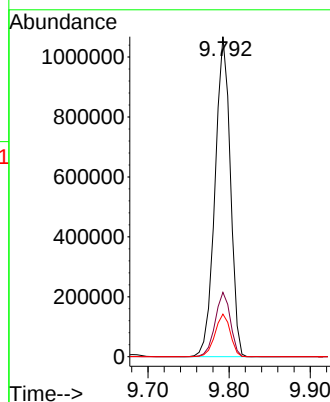
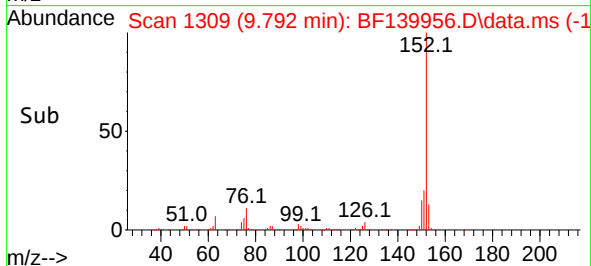
153 13.3 10.7 16.1

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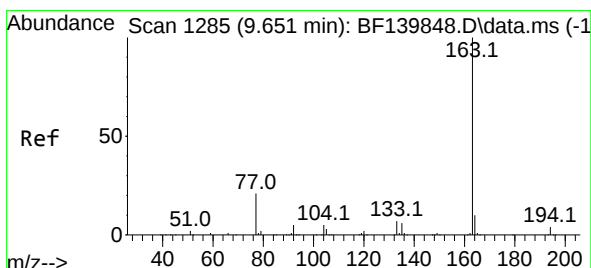
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#50

Dimethylphthalate

Concen: 50.113 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

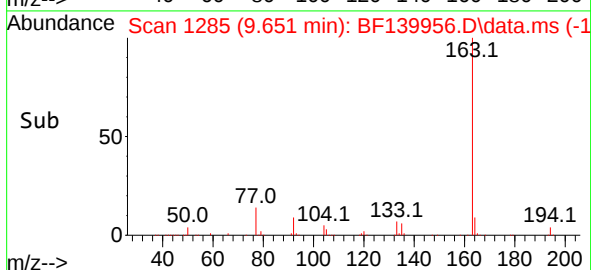
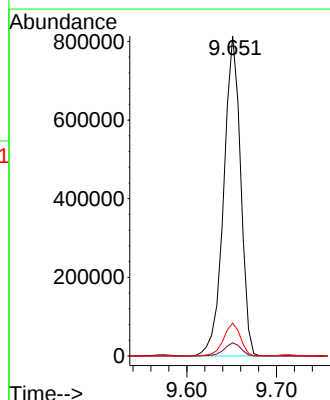
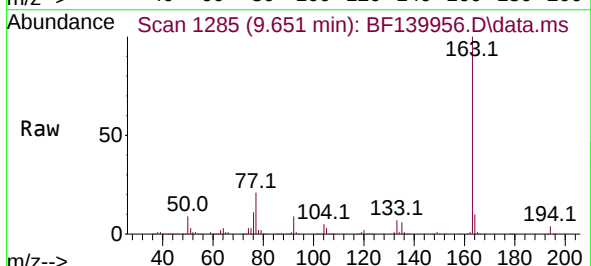
Tgt Ion:163 Resp: 1063617

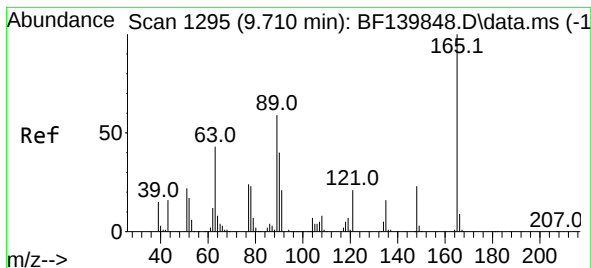
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

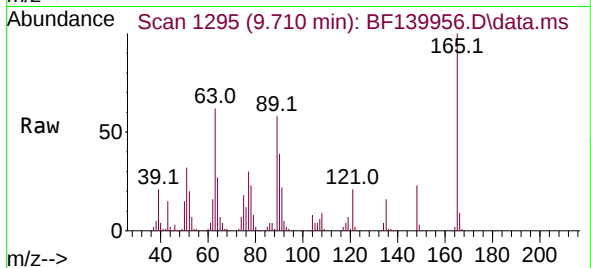
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.661 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

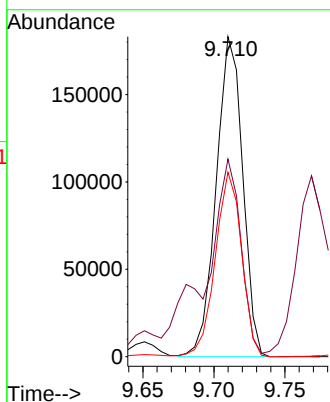
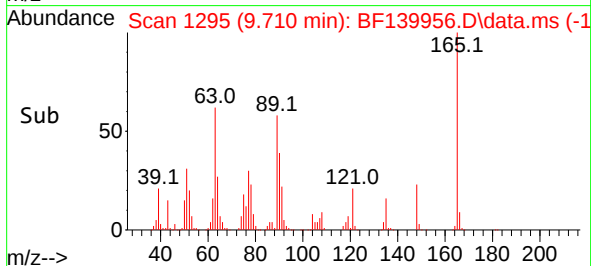
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:165 Resp: 237408
Ion Ratio Lower Upper
165 100
63 61.7 50.6 75.8
89 57.7 47.5 71.3

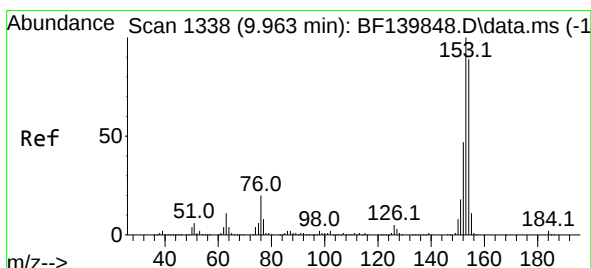
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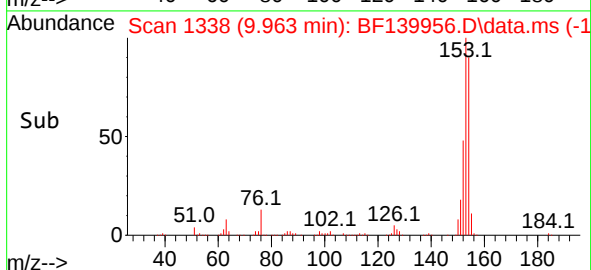
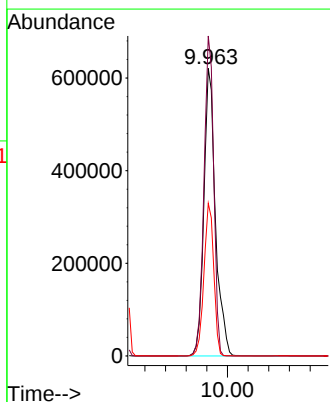
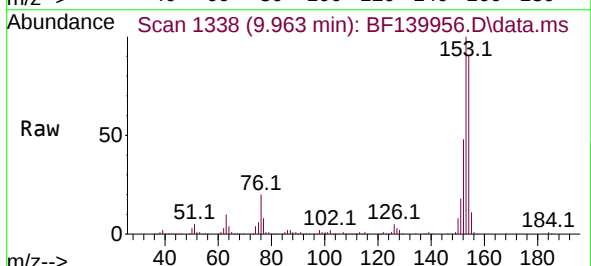
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ahmed

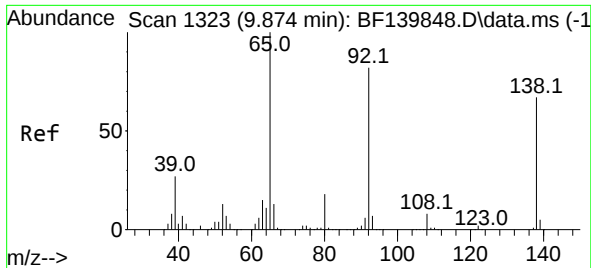
10/25/2024



#52
Acenaphthene
Concen: 54.108 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:154 Resp: 966780
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.6
152 53.1 42.4 63.6





#53
3-Nitroaniline
Concen: 31.107 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

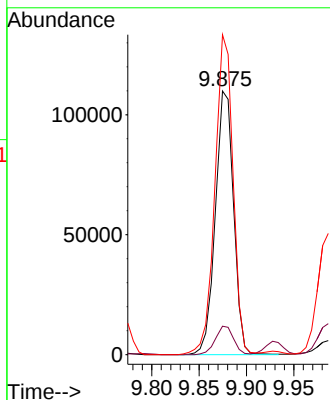
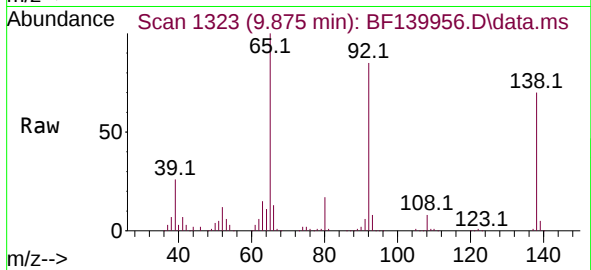
ClientSampleId :

PB164237BS

Tgt Ion:138 Resp: 14741
Ion Ratio Lower Upper
138 100
108 10.8 10.2 15.2
92 121.4 98.3 147.5

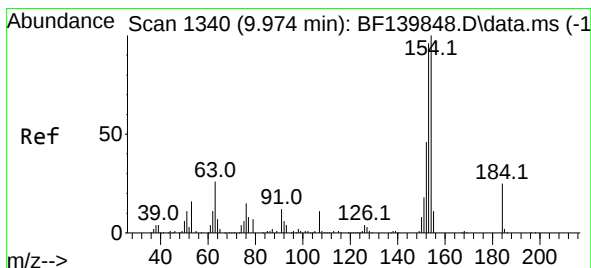
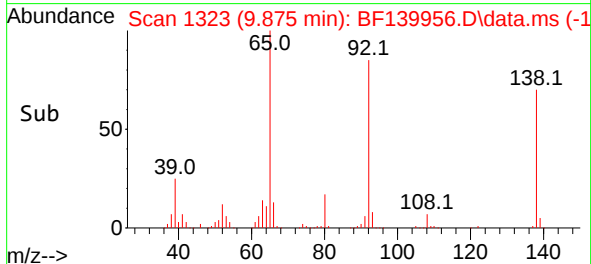
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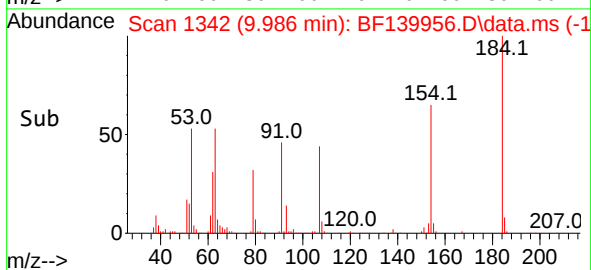
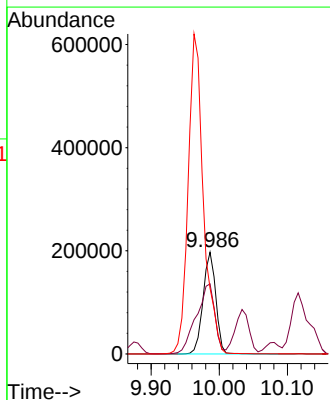
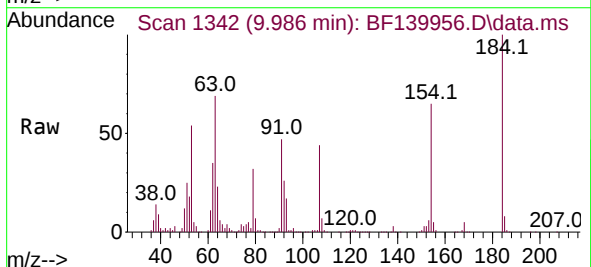
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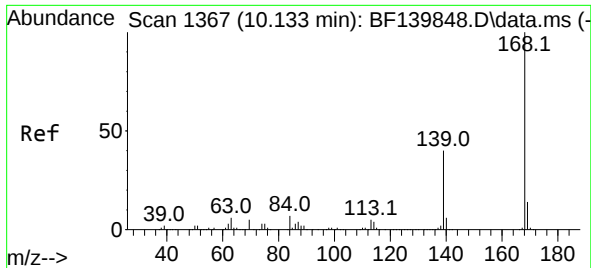
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#54
2,4-Dinitrophenol
Concen: 130.244 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

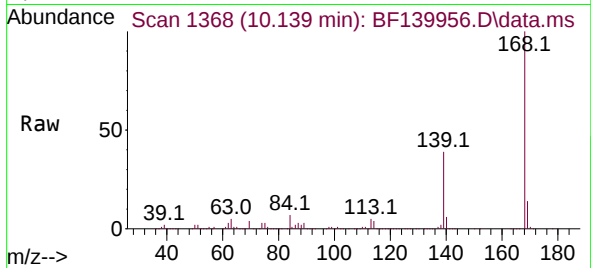
Tgt Ion:184 Resp: 257205
Ion Ratio Lower Upper
184 100
63 68.9 84.7 127.1#
154 64.6 338.2 507.2#





#55
Dibenzenofuran
Concen: 47.583 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

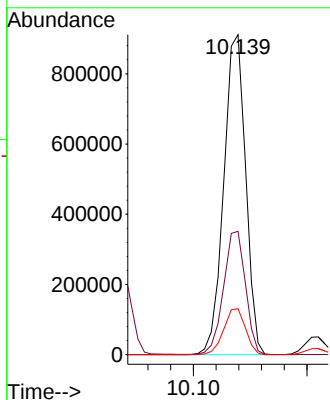
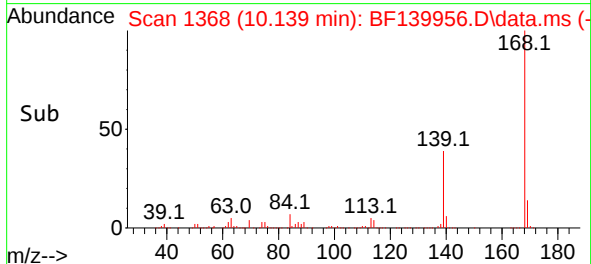
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:168 Resp: 1219838
Ion Ratio Lower Upper
168 100
139 38.6 31.8 47.6
169 14.4 11.6 17.4

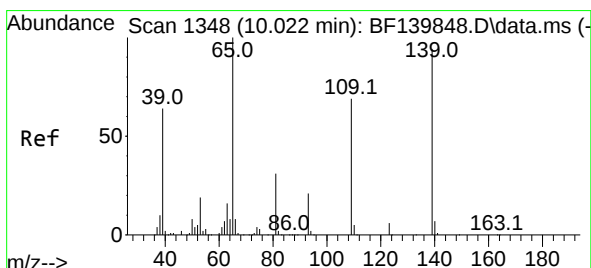
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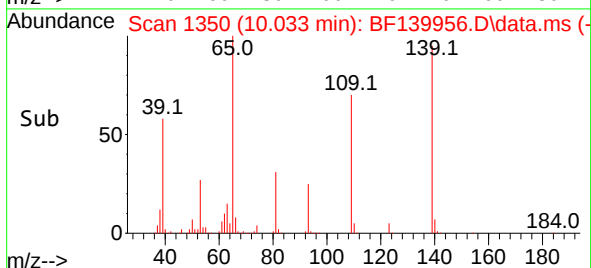
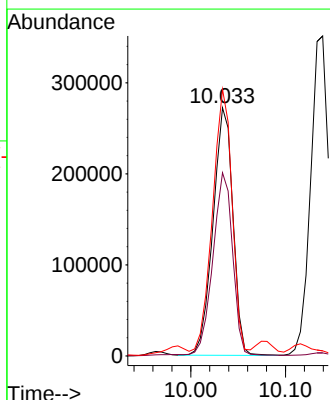
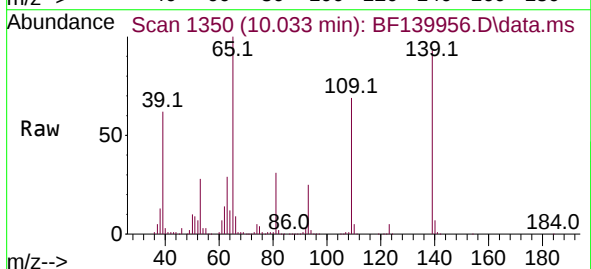
10/24/2024
Supervised By :mohammad
ahmed

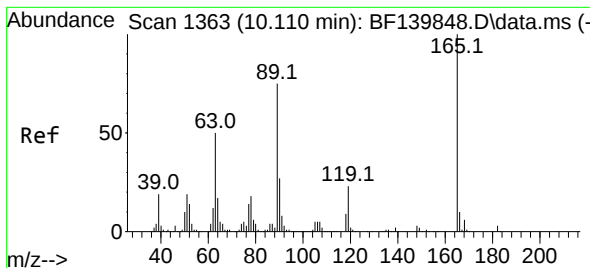
10/25/2024



#56
4-Nitrophenol
Concen: 108.985 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

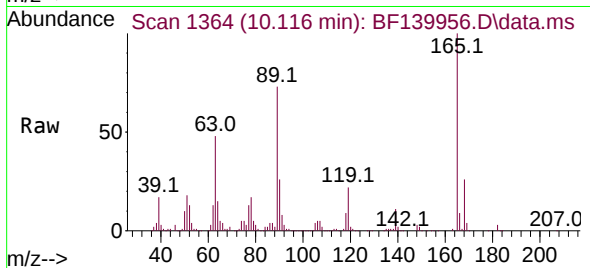
Tgt Ion:139 Resp: 397364
Ion Ratio Lower Upper
139 100
109 73.8 53.6 93.6
65 107.5 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 57.114 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

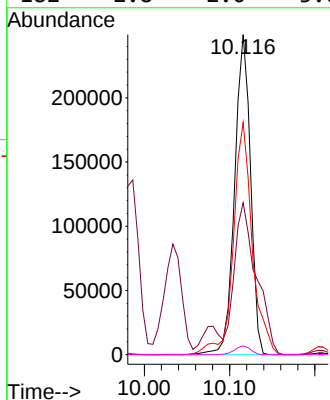
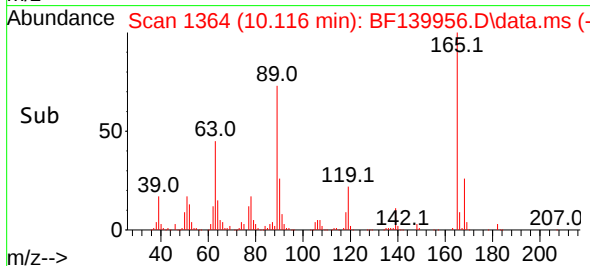
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:165 Resp: 32276
Ion Ratio Lower Upper
165 100
63 47.5 40.1 60.1
89 72.6 60.4 90.6
182 2.8 2.0 3.0

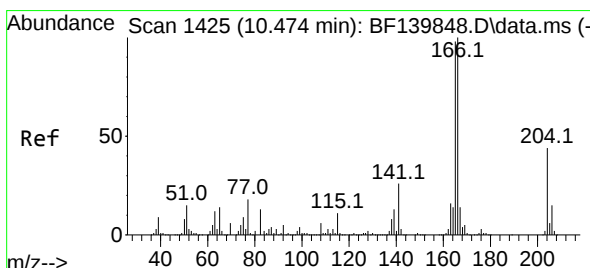
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Supervised By :mohammad ahmed 10/25/2024



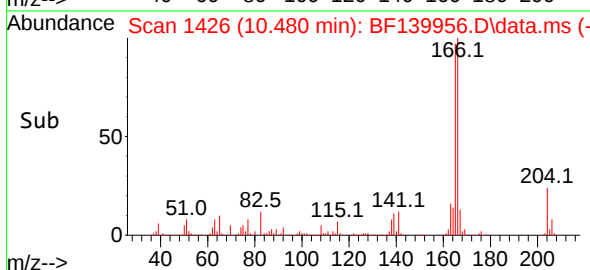
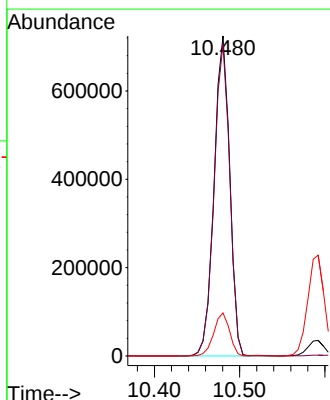
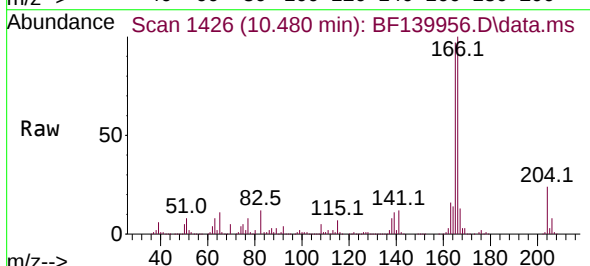
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Supervised By :mohammad
ahmed

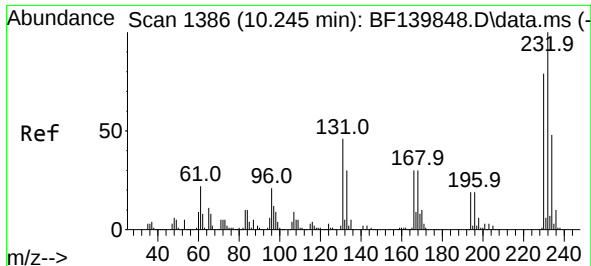
10/25/2024



#58
Fluorene
Concen: 47.444 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:166 Resp: 926373
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.733 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

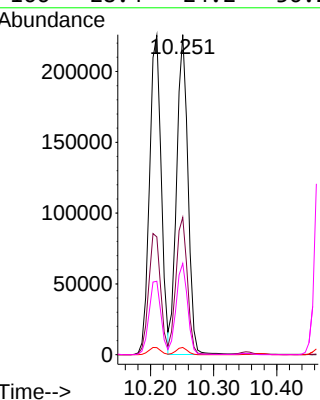
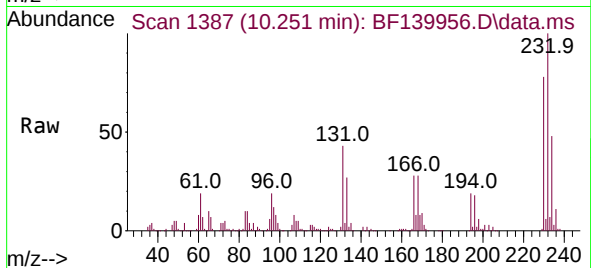
Tgt Ion:232 Resp: 282851
Ion Ratio Lower Upper
232 100
131 43.5 37.0 55.6
130 2.2 1.9 2.9
166 28.4 24.2 36.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

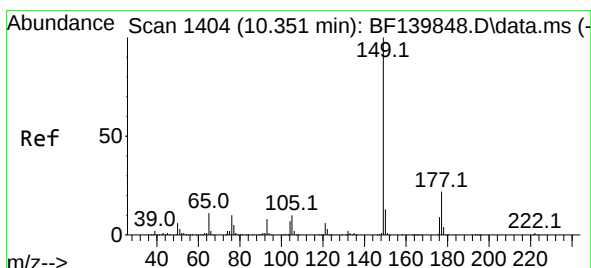
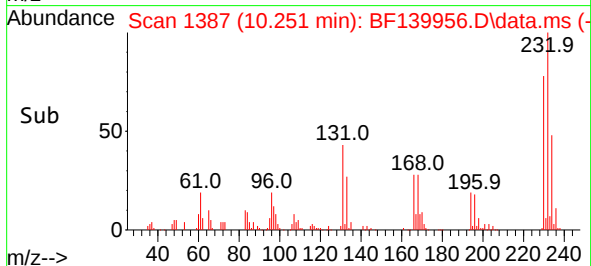
Supervised By :mohammad ahmed 10/25/2024



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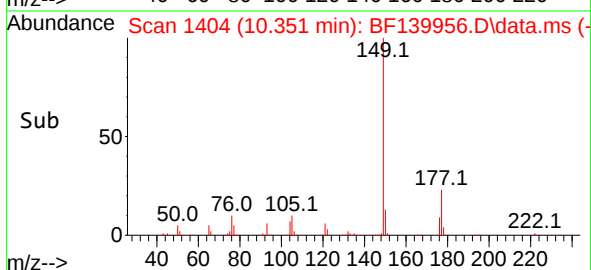
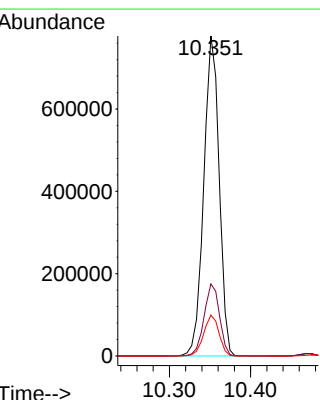
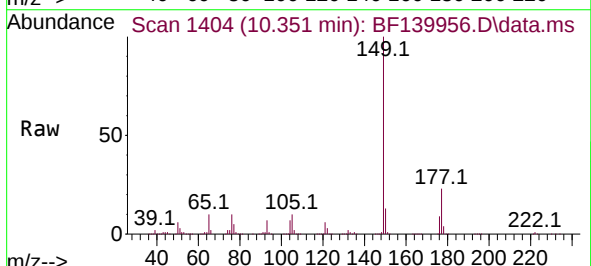
Supervised By :mohammad
ahmed

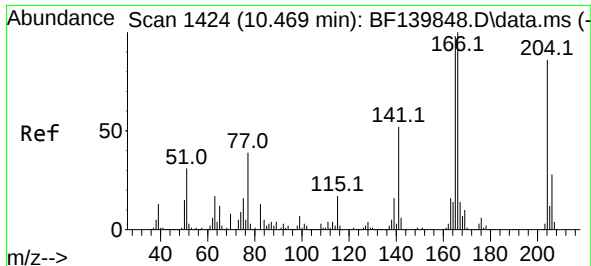
10/25/2024



#60
Diethylphthalate
Concen: 49.142 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

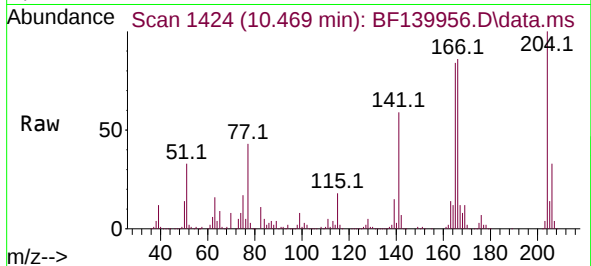
Tgt Ion:149 Resp: 1024095
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.376 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

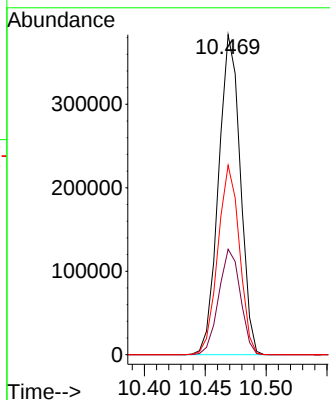
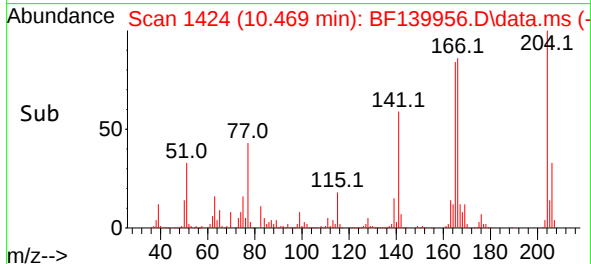
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:204 Resp: 477014
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 59.2 48.6 73.0

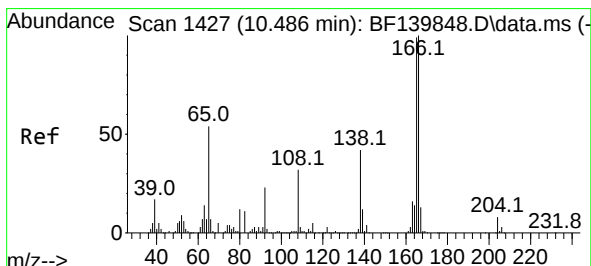
Manual Integrations
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

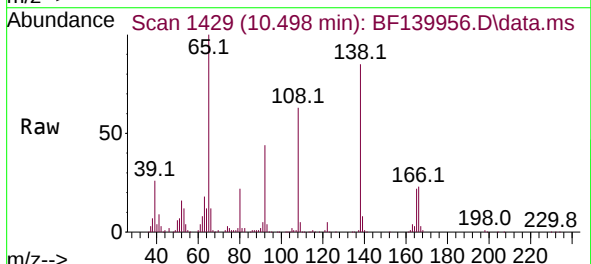


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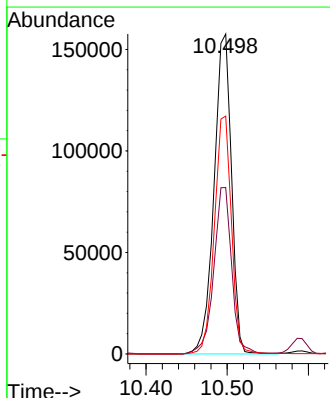
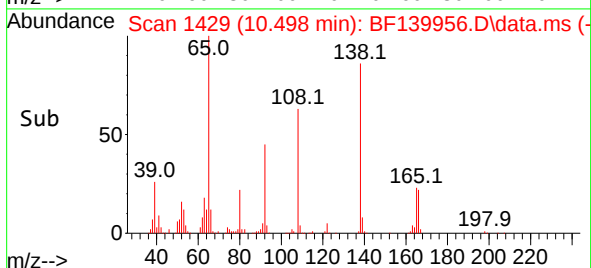
10/25/2024

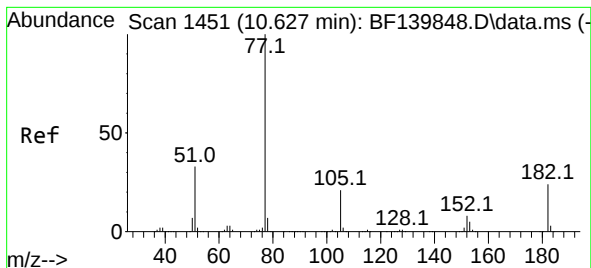


#62
4-Nitroaniline
Concen: 52.693 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14



Tgt Ion:138 Resp: 235849
Ion Ratio Lower Upper
138 100
92 52.0 35.7 75.7
108 74.4 57.5 97.5





#63
Azobenzene
Concen: 47.287 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

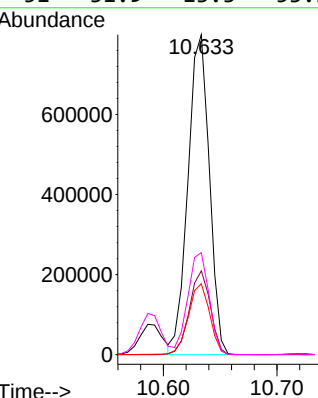
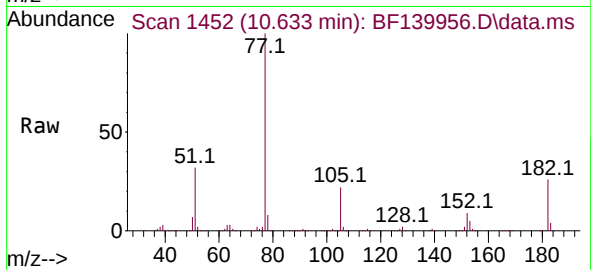
Tgt Ion: 77 Resp: 1044708
Ion Ratio Lower Upper
77 100
182 26.2 3.3 43.3
105 22.2 1.2 41.2
51 31.9 13.3 53.3

Manual Integrations

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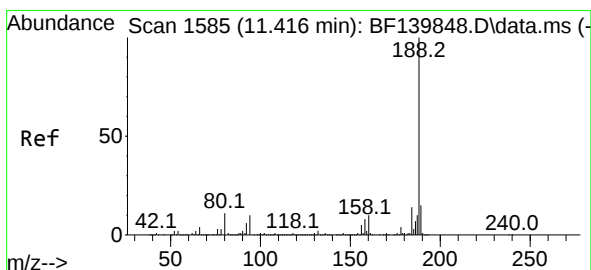
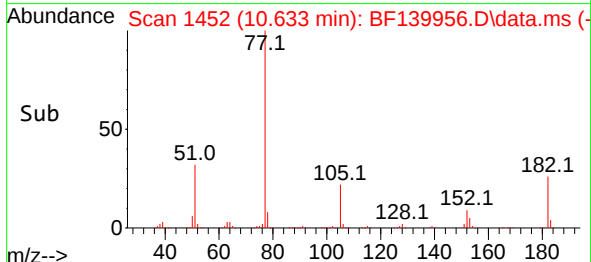
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



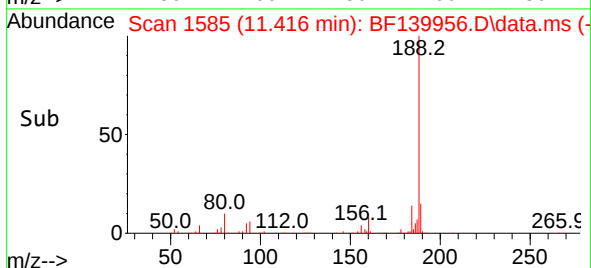
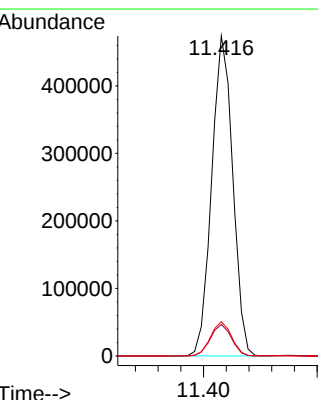
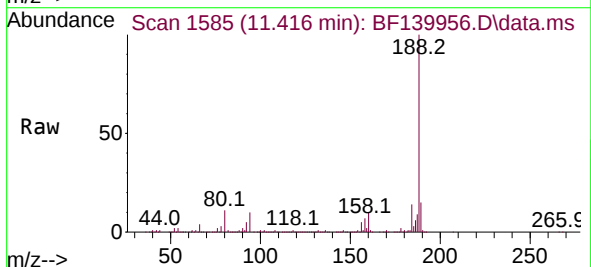
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Supervised By :mohammad
ahmed

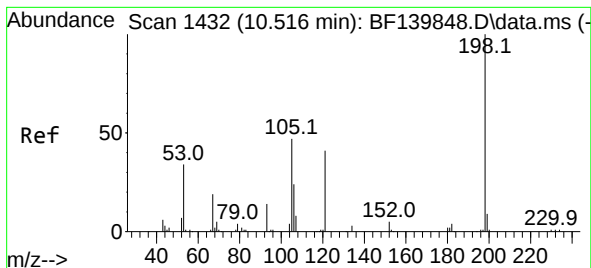
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

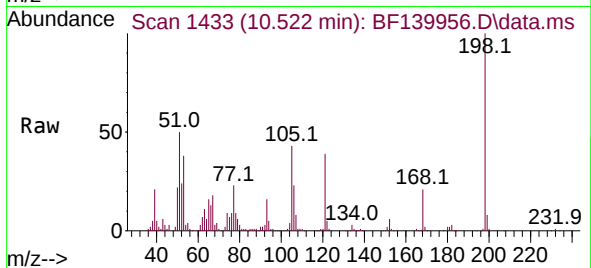
Tgt Ion:188 Resp: 610666
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.7 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 71.242 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

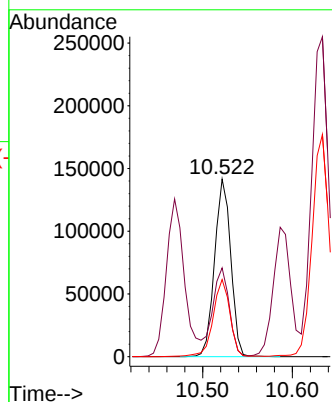
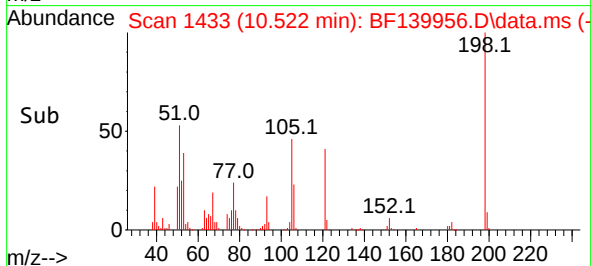
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:198 Resp: 177450
Ion Ratio Lower Upper
198 100
51 50.0 38.2 78.2
105 43.4 27.9 67.9

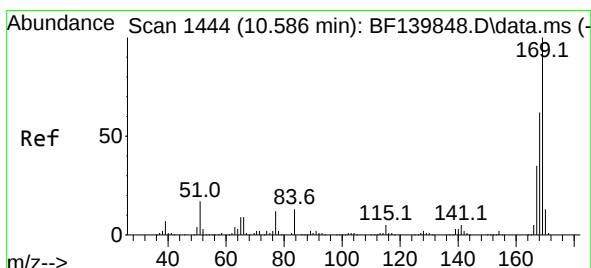
Manual Integrations
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

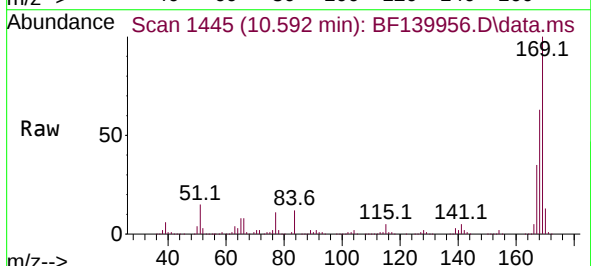


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Supervised By :mohammad
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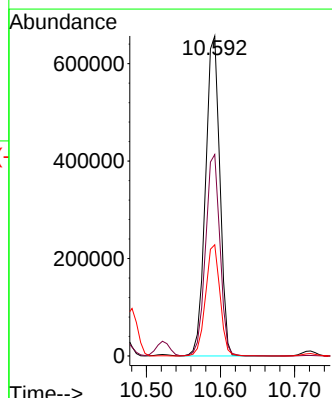
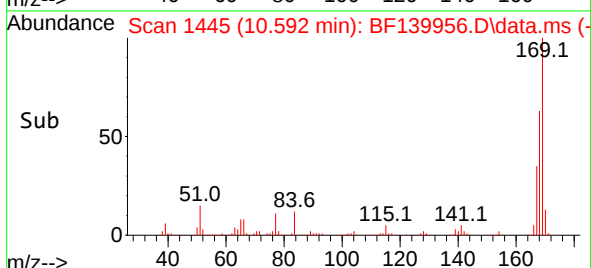
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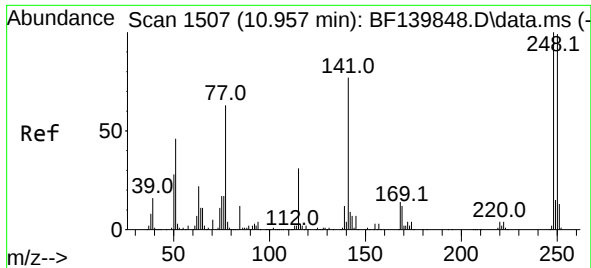


#66
n-Nitrosodiphenylamine
Concen: 48.172 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14



Tgt Ion:169 Resp: 880440
Ion Ratio Lower Upper
169 100
168 62.9 49.8 74.6
167 34.8 28.0 42.0





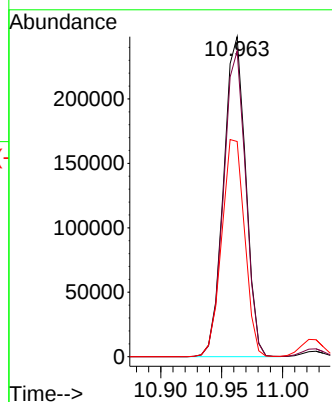
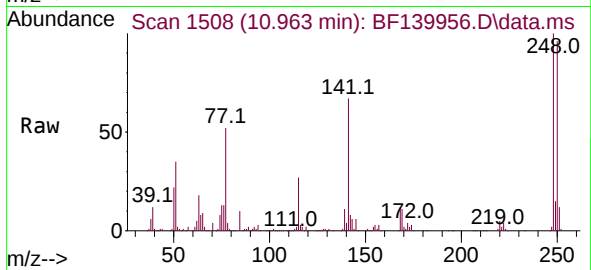
#67
4-Bromophenyl-phenylether
Concen: 49.925 ng
RT: 10.963 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :
BNA_F
ClientSampleId :
PB164237BS

Tgt Ion:248 Resp: 31407
Ion Ratio Lower Upper
248 100
250 95.5 79.0 118.6
141 67.2 61.7 92.5

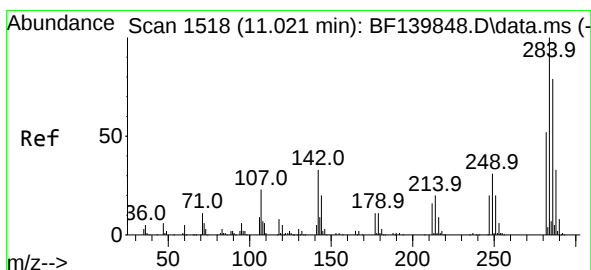
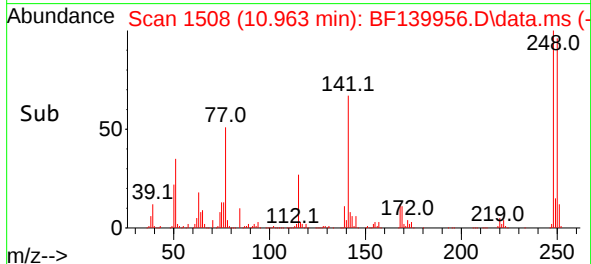
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Supervised By :mohammad ahmed 10/25/2024



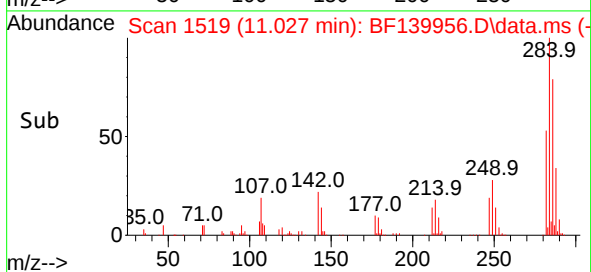
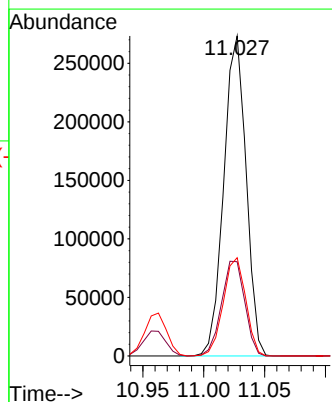
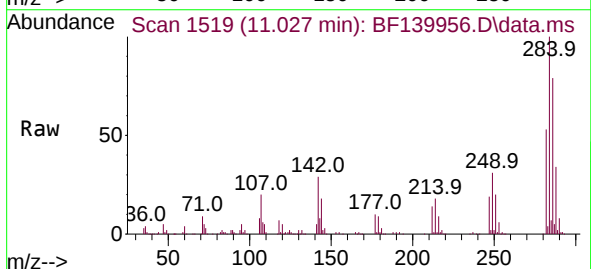
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Supervised By :mohammad
ahmed

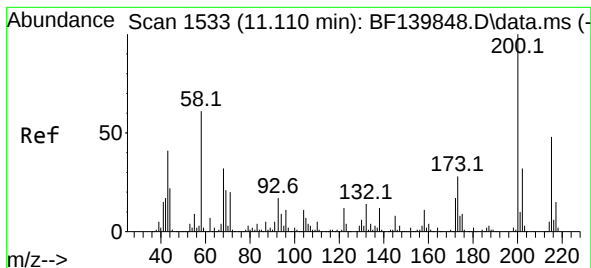
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#68
Hexachlorobenzene
Concen: 49.287 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:284 Resp: 348716
Ion Ratio Lower Upper
284 100
142 29.4 26.9 40.3
249 30.7 25.3 37.9





#69

Atrazine

Concen: 58.717 ng

RT: 11.116 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

Tgt Ion:200 Resp: 290710

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

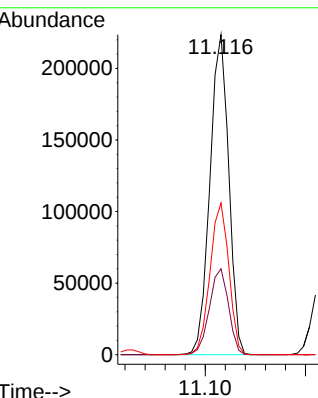
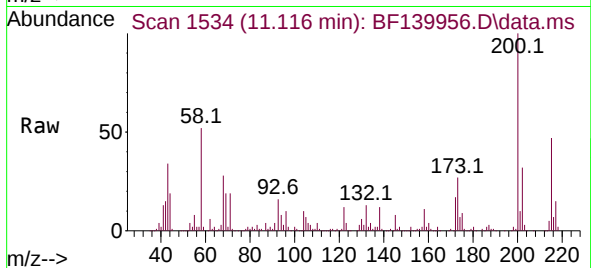
215 47.4 27.7 67.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

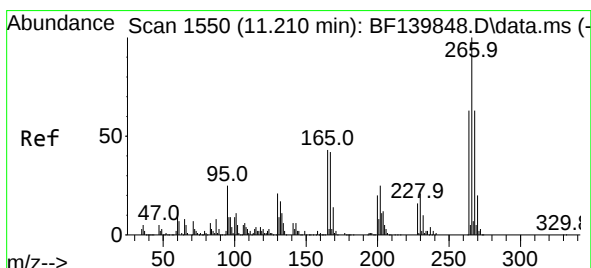
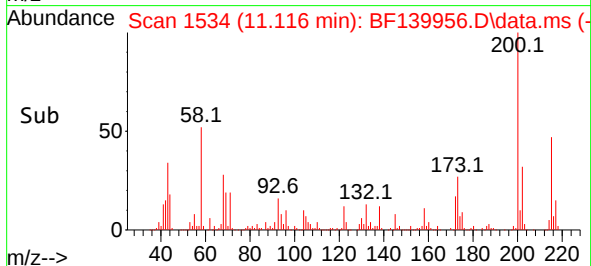
Supervised By :mohammad ahmed 10/25/2024



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ahmed

10/25/2024



#70

Pentachlorophenol

Concen: 100.402 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

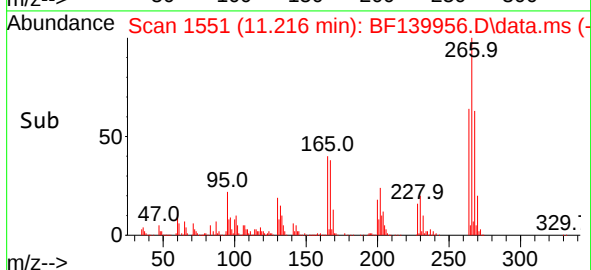
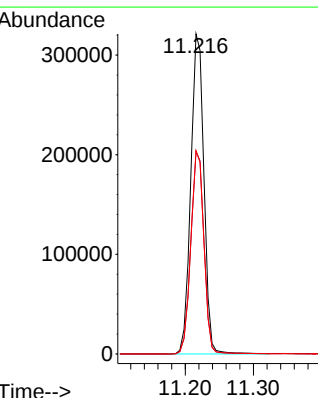
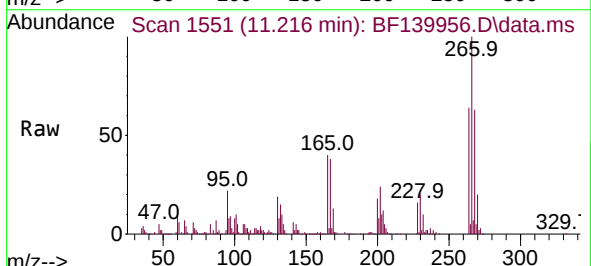
Tgt Ion:266 Resp: 431130

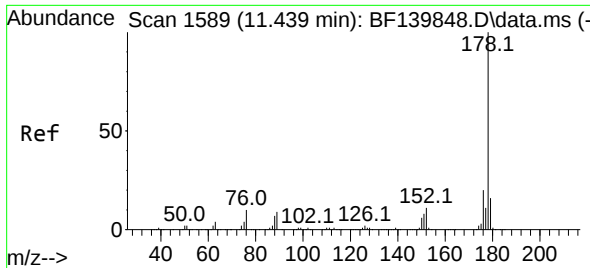
Ion Ratio Lower Upper

266 100

268 63.3 50.4 75.6

264 63.5 50.6 75.8





#71
Phenanthrene
Concen: 47.829 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

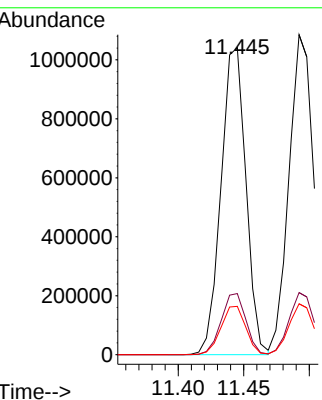
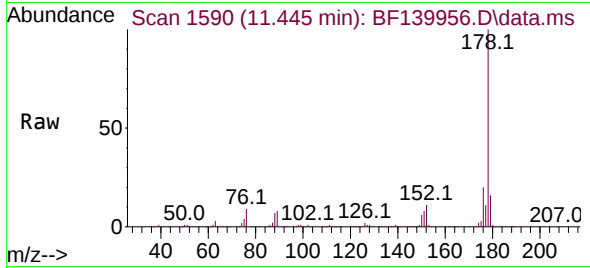
ClientSampleId :

PB164237BS

Tgt Ion:178 Resp: 1379629
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.8 12.6 18.8

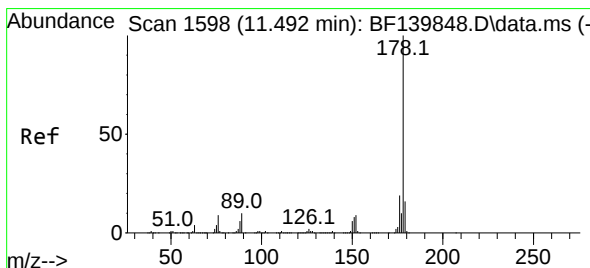
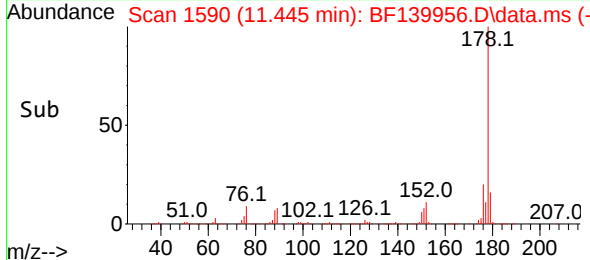
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Supervised By :mohammad ahmed 10/25/2024



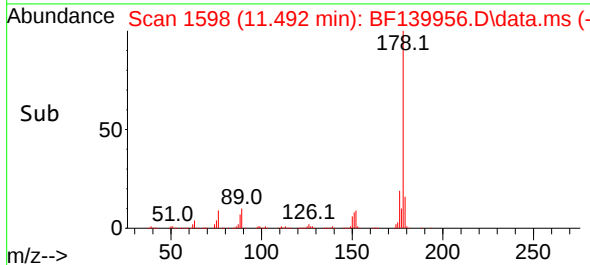
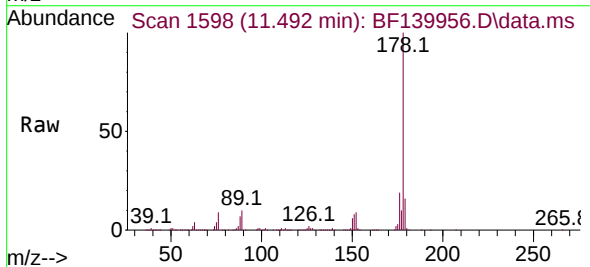
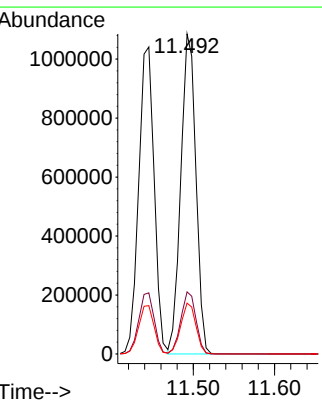
10/24/2024
Supervised By :mohammad
ahmed

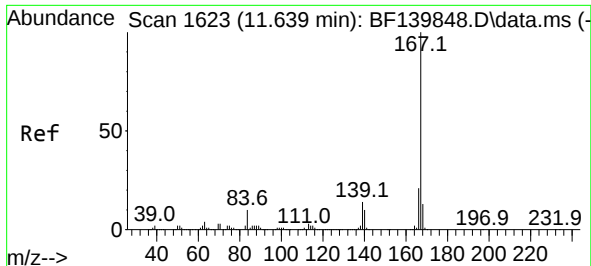
10/25/2024



#72
Anthracene
Concen: 49.935 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

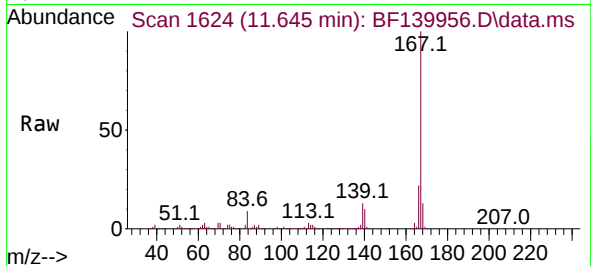
Tgt Ion:178 Resp: 1405358
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 47.556 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF139956.D
 Acq: 23 Oct 2024 11:14

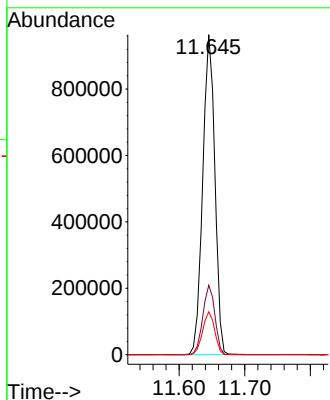
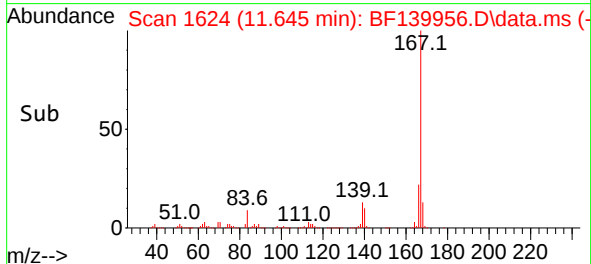
Instrument :
 BNA_F
 ClientSampleId :
 PB164237BS



Tgt Ion:167 Resp: 124475
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 10.8 16.2

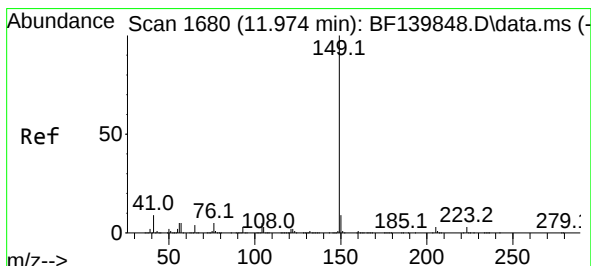
Manual Integrations
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Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

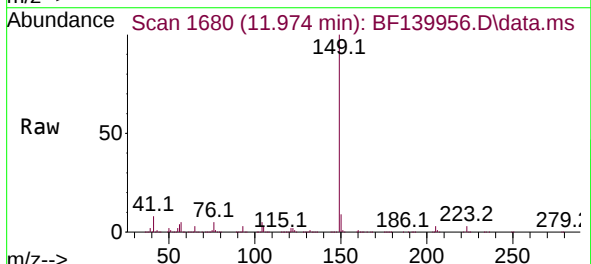


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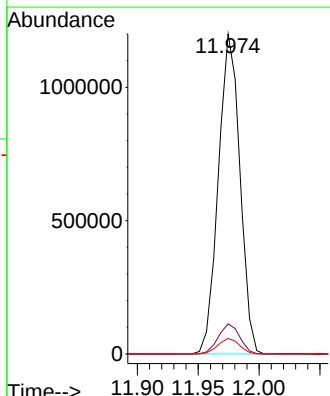
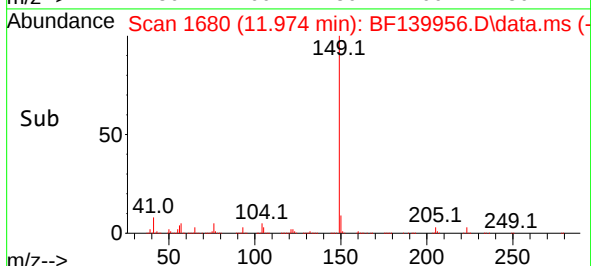
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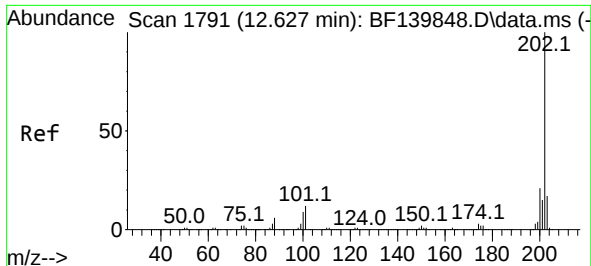


#74
 Di-n-butylphthalate
 Concen: 48.947 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139956.D
 Acq: 23 Oct 2024 11:14



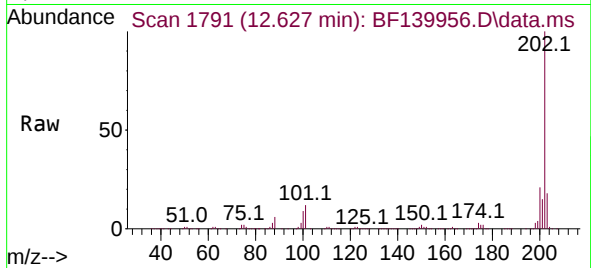
Tgt Ion:149 Resp: 1480160
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 46.907 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

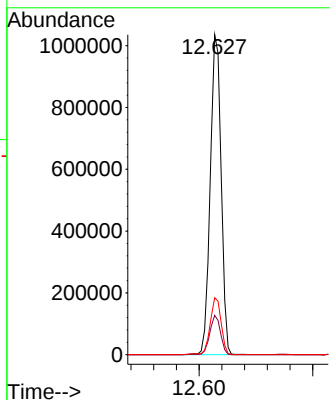
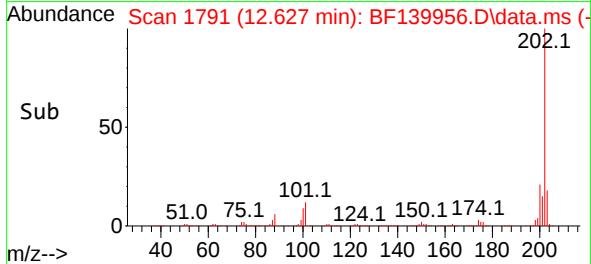
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:202 Resp: 1367829
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.9
203 17.8 0.0 37.5

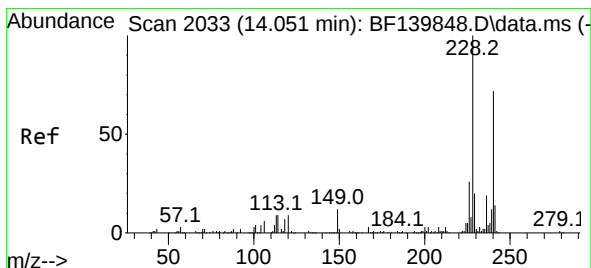
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Supervised By :mohammad ahmed 10/25/2024

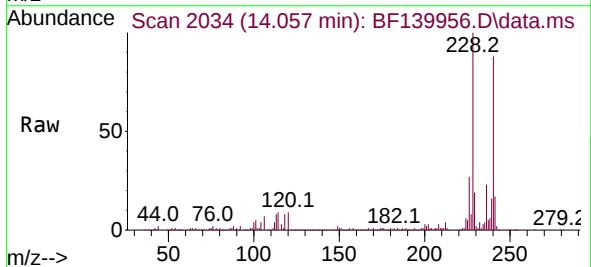


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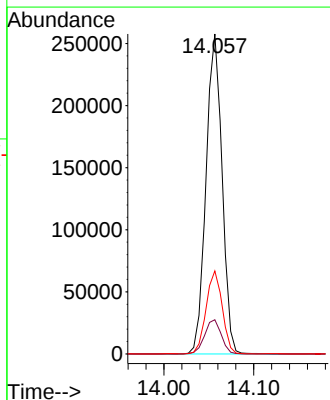
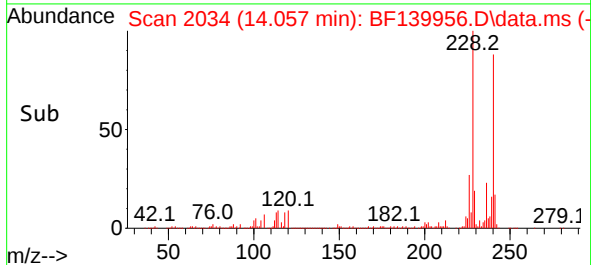
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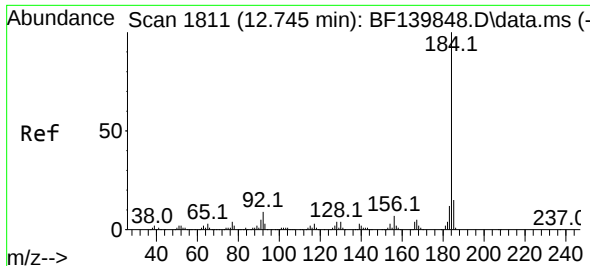


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14



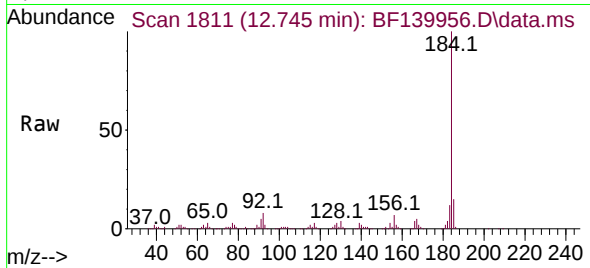
Tgt Ion:240 Resp: 319638
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.0 20.9 31.3





#77
Benzidine
Concen: 60.407 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

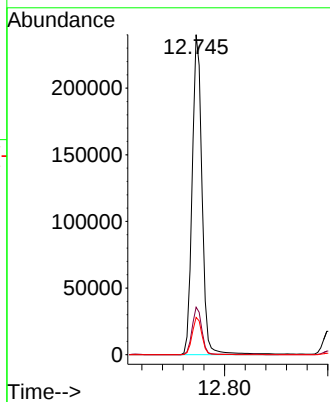
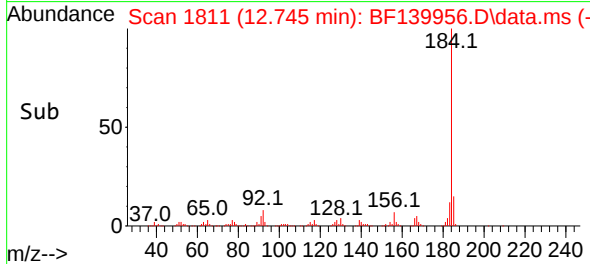
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:184 Resp: 31749
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.6 9.4 14.2

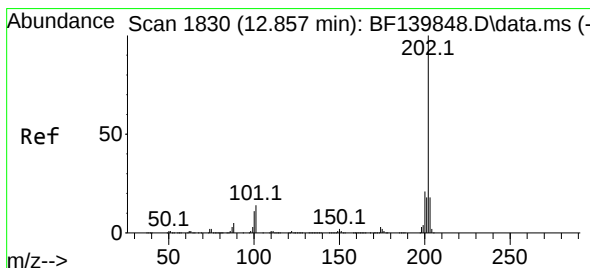
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Supervised By :mohammad ahmed 10/25/2024



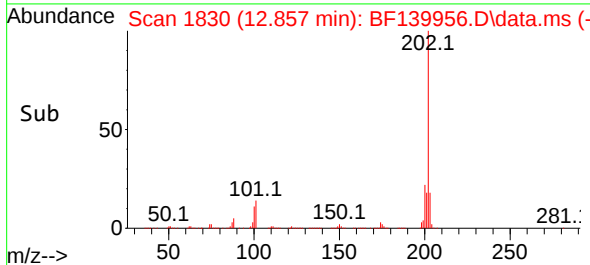
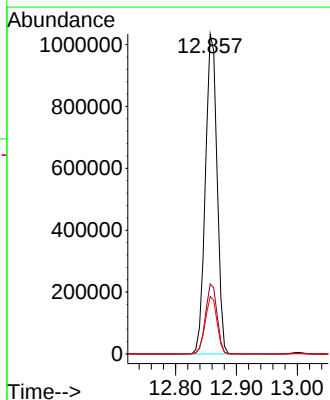
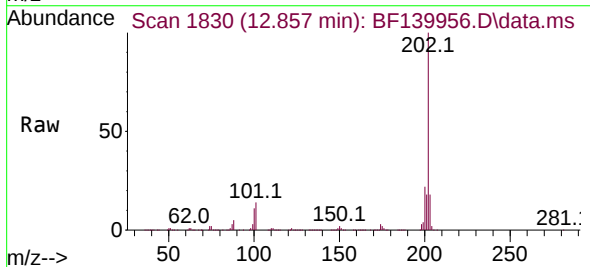
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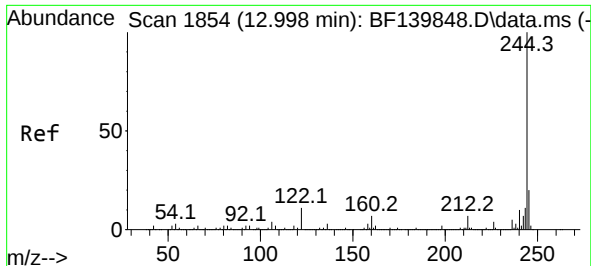
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#78
Pyrene
Concen: 49.206 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

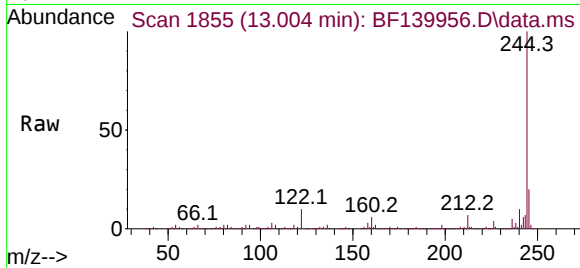
Tgt Ion:202 Resp: 1376720
Ion Ratio Lower Upper
202 100
200 21.9 17.2 25.8
203 18.0 14.2 21.4





#79
 Terphenyl-d14
 Concen: 98.172 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139956.D
 Acq: 23 Oct 2024 11:14

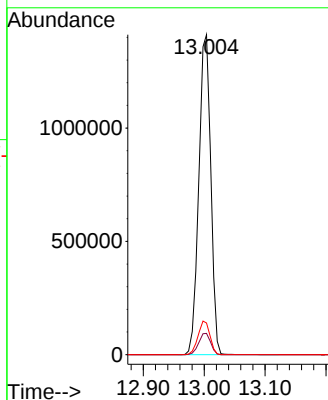
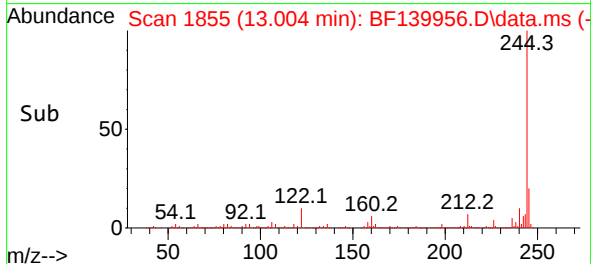
Instrument :
 BNA_F
 ClientSampleId :
 PB164237BS



Tgt Ion:244 Resp: 192572
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.9 8.6 13.0

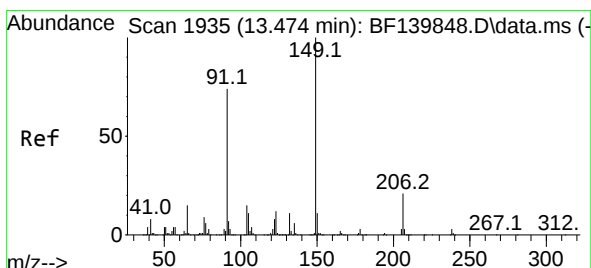
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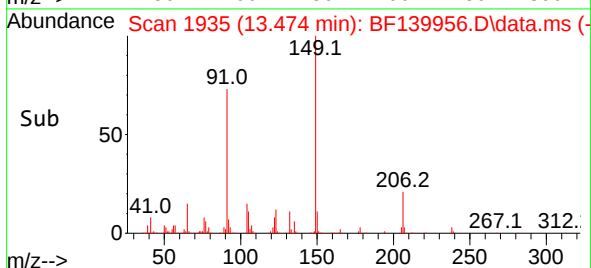
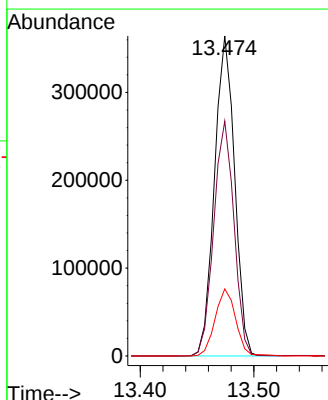
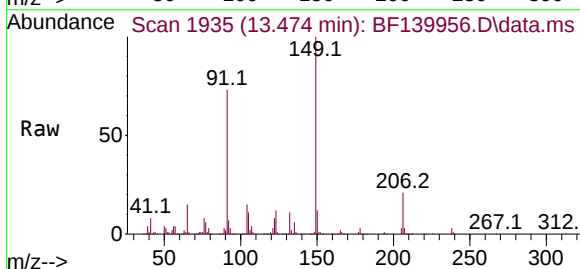
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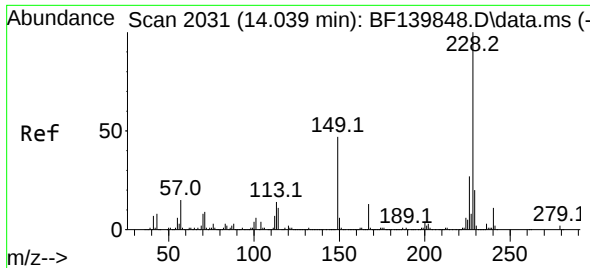
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#80
 Butylbenzylphthalate
 Concen: 53.573 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139956.D
 Acq: 23 Oct 2024 11:14

Tgt Ion:149 Resp: 449376
 Ion Ratio Lower Upper
 149 100
 91 73.4 59.4 89.2
 206 20.9 16.4 24.6





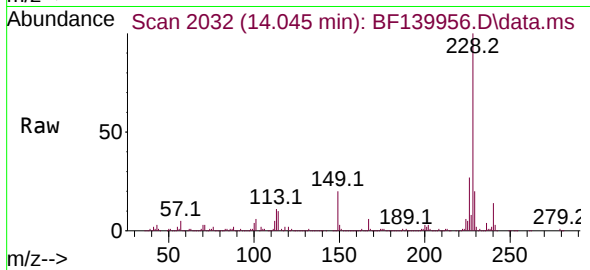
#81
Benzo(a)anthracene
Concen: 49.585 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS



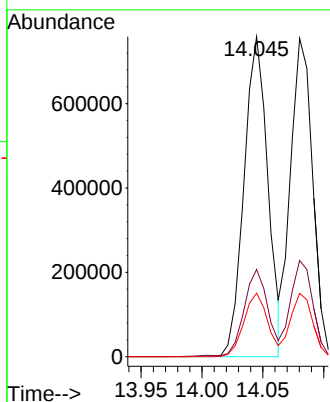
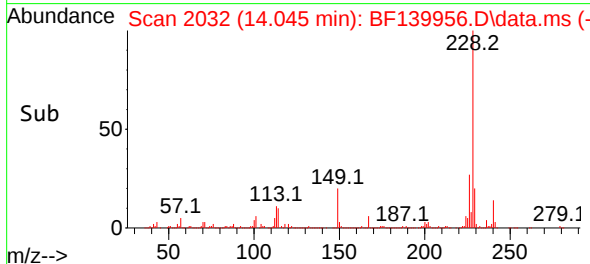
Tgt Ion:228 Resp: 103174
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.8 16.1 24.1

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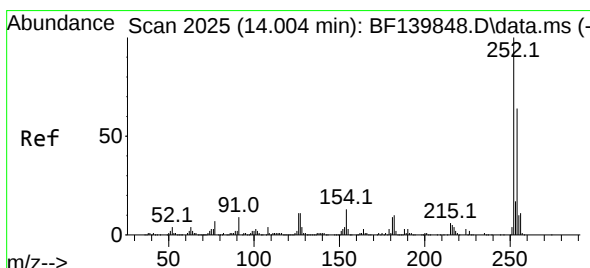
Reviewed By :Yogesh Patel 10/24/2024

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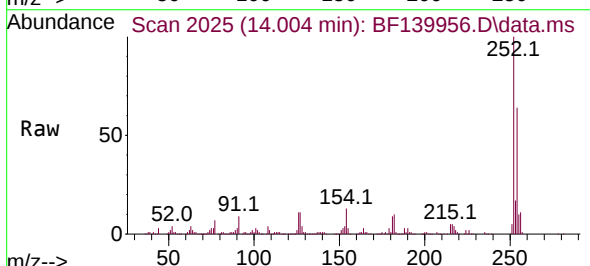


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ahmed

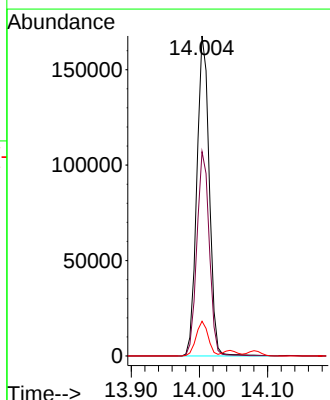
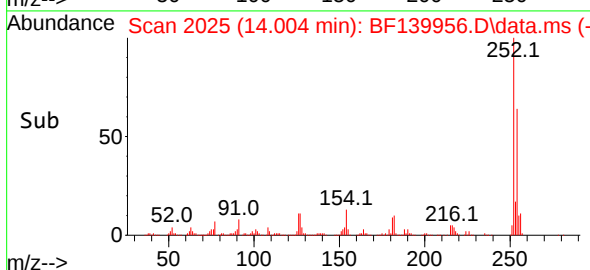
10/25/2024

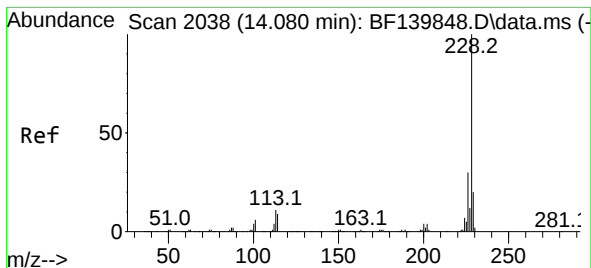


#82
3,3'-Dichlorobenzidine
Concen: 35.005 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14



Tgt Ion:252 Resp: 212363
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 10.8 8.9 13.3





#83

Chrysene

Concen: 50.157 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

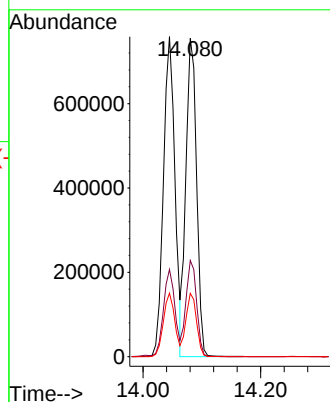
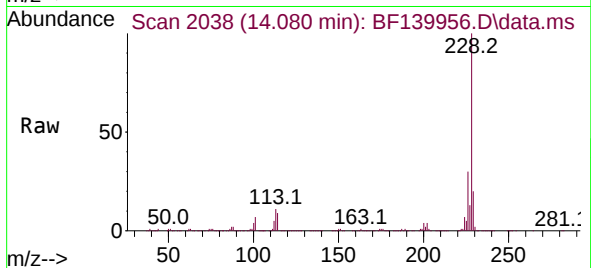
Tgt Ion:	228	Resp:	956884
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	19.9	15.8	23.6

Manual Integrations

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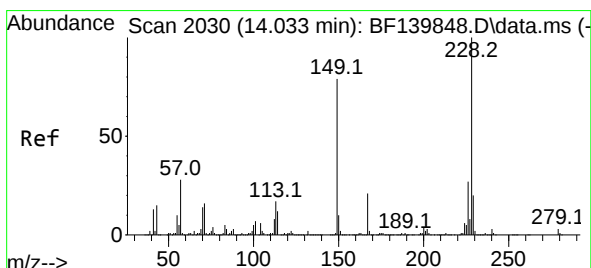
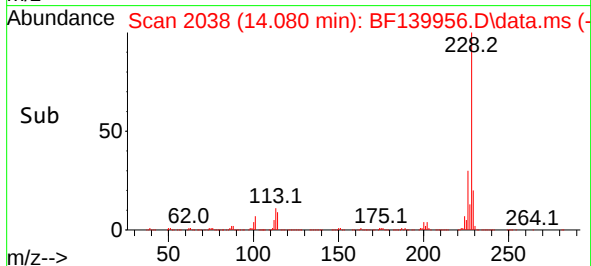
Reviewed By :Yogesh Patel 10/24/2024

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ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 55.947 ng

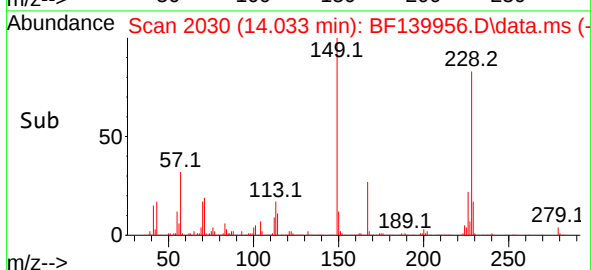
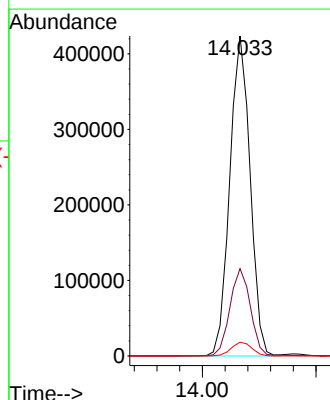
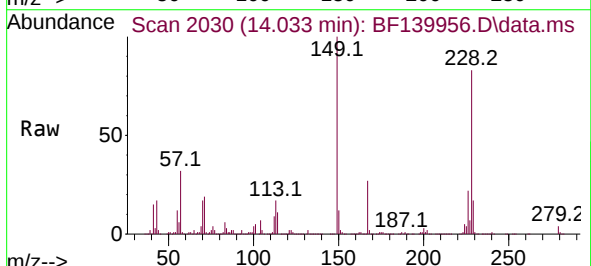
RT: 14.033 min Scan# 2030

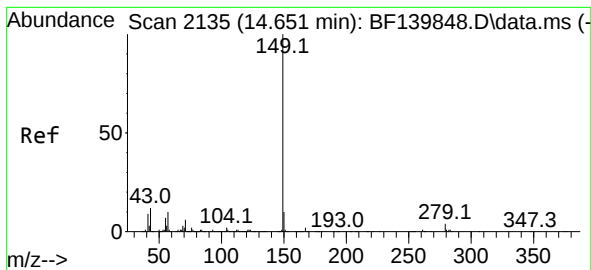
Delta R.T. 0.000 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Tgt Ion:	149	Resp:	526517
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.4	32.0
279	4.3	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 54.450 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164237BS

Tgt Ion:149 Resp: 932058

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

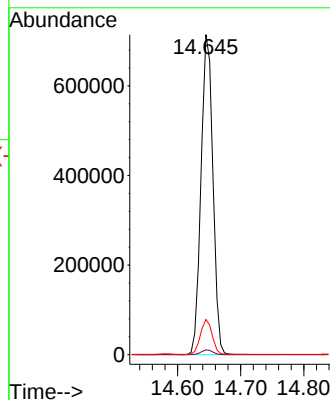
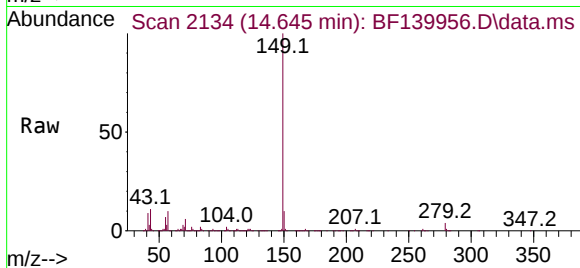
43 10.7 9.8 14.6

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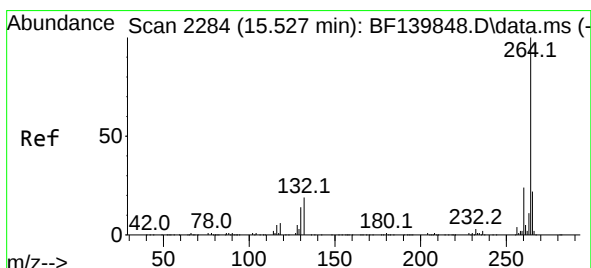
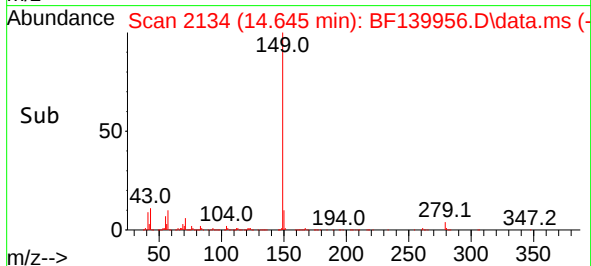
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ahmed

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139956.D

Acq: 23 Oct 2024 11:14

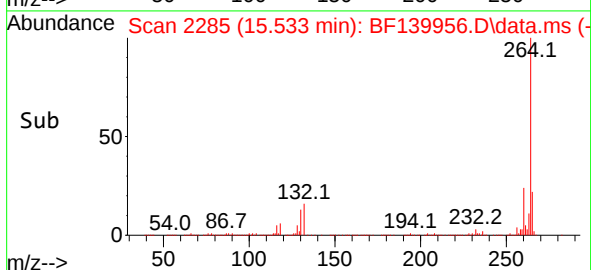
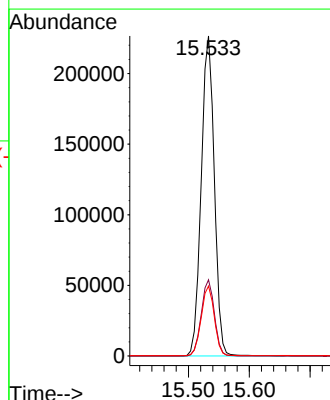
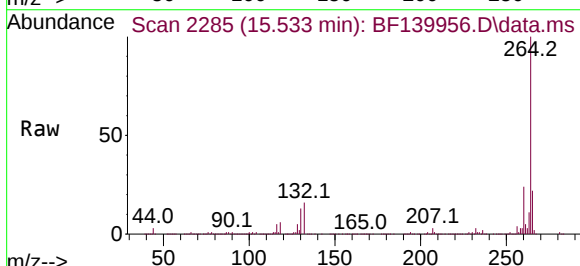
Tgt Ion:264 Resp: 339182

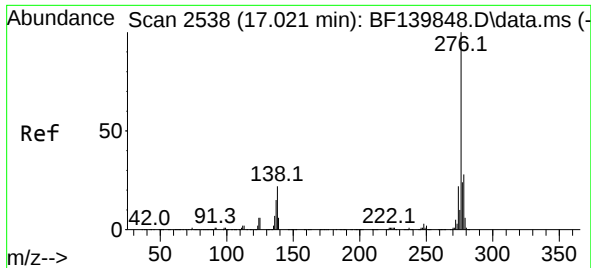
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.550 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNA_F

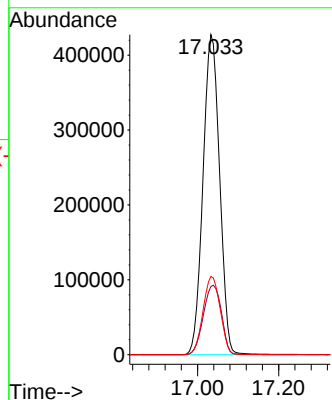
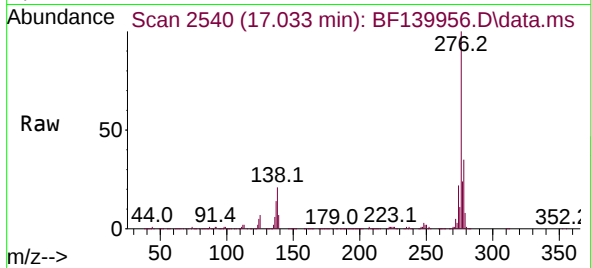
ClientSampleId :

PB164237BS

Tgt Ion:276 Resp: 121213
Ion Ratio Lower Upper
276 100
138 23.7 20.4 30.6
277 25.3 20.2 30.4

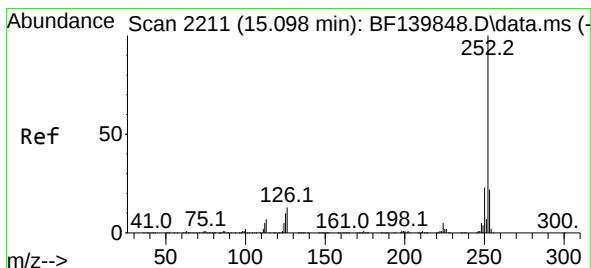
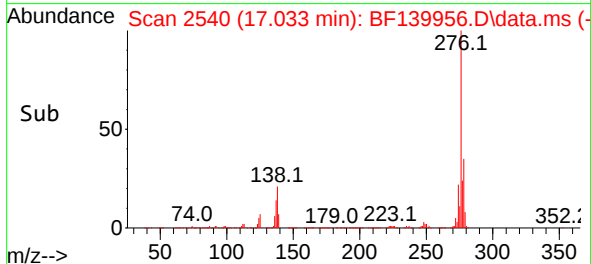
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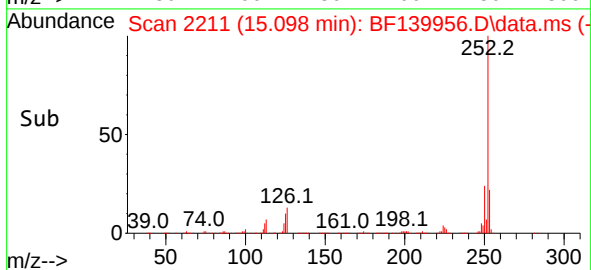
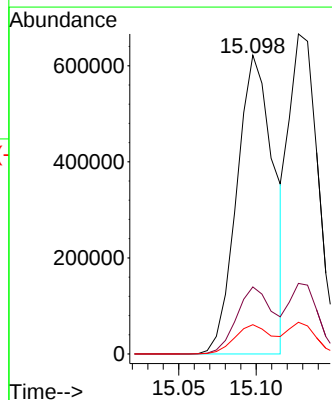
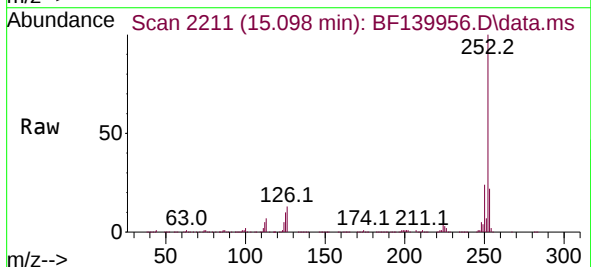
10/24/2024
Supervised By :mohammad
ahmed

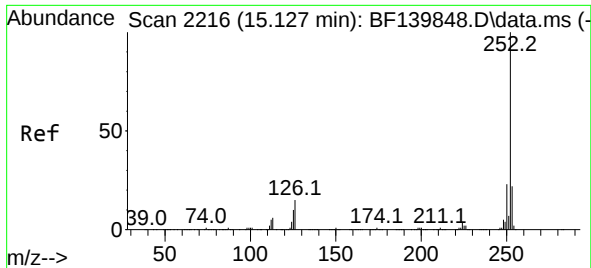
10/25/2024



#88
Benzo(b)fluoranthene
Concen: 49.733 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:252 Resp: 1027568
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 48.583 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Instrument :

BNF

ClientSampleId :

PB164237BS

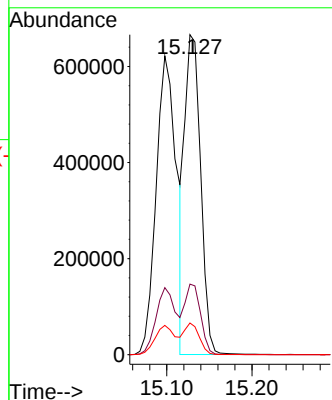
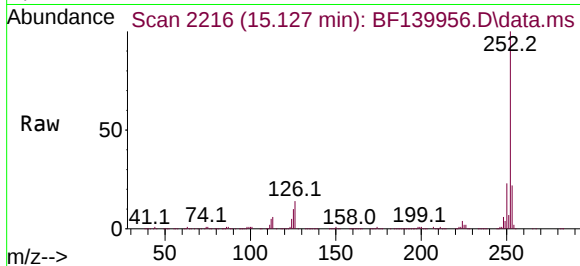
Tgt Ion:252 Resp: 865700
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.9 7.9 11.9

Manual Integrations

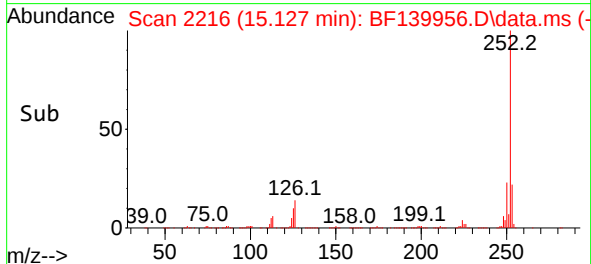
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Reviewed By :Yogesh Patel 10/24/2024

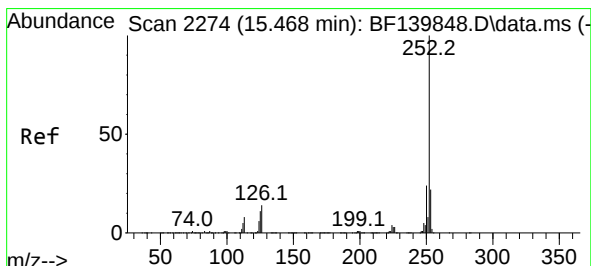
Supervised By :mohammad ahmed 10/25/2024



10/24/2024
Supervised By :mohammad
ahmed

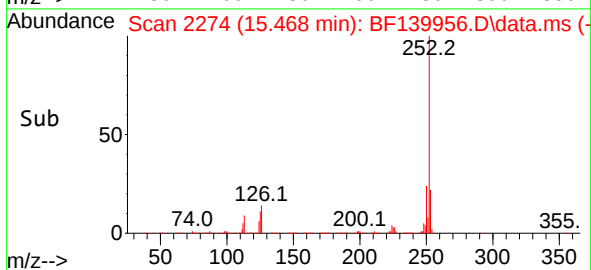
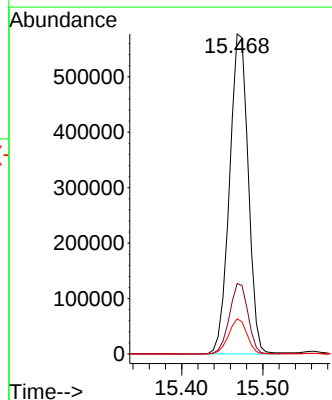
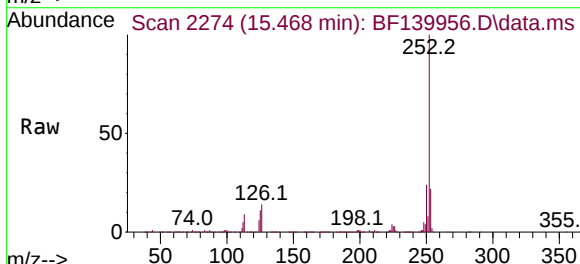


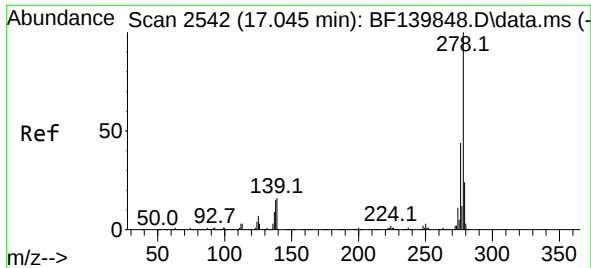
10/25/2024



#90
Benzo(a)pyrene
Concen: 54.295 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

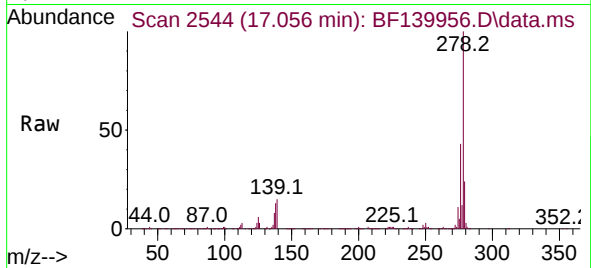
Tgt Ion:252 Resp: 923060
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.0 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 54.403 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

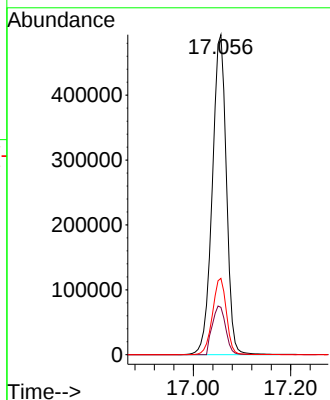
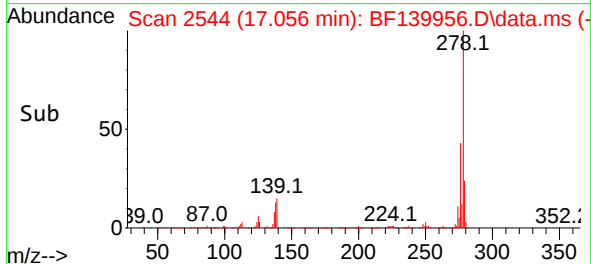
Instrument :
BNA_F
ClientSampleId :
PB164237BS



Tgt Ion:278 Resp: 990290
Ion Ratio Lower Upper
278 100
139 14.8 13.1 19.7
279 23.8 19.0 28.4

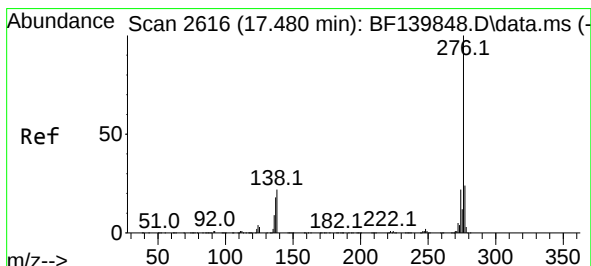
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



10/24/2024
Supervised By :mohammad
ahmed

10/25/2024



#92
Benzo(g,h,i)perylene
Concen: 51.495 ng
RT: 17.492 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF139956.D
Acq: 23 Oct 2024 11:14

Tgt Ion:276 Resp: 936314
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.3 17.4 26.0

