

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135316.D
 Acq On : 18 Sep 2023 20:17
 Operator : CG\JU
 Sample : 04399-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/19/2023
 Supervised By :mohammad
 ahmed

Quant Time: Sep 19 00:15:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	115818	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	434584	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	210660	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	363910	20.000	ng	0.00
76) Chrysene-d12	13.945	240	176001	20.000	ng	0.00
86) Perylene-d12	15.404	264	243518	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	901212	126.558	ng	0.02
7) Phenol-d6	6.410	99	1066232	117.755	ng	0.00
23) Nitrobenzene-d5	7.328	82	793860	99.244	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	274294	131.025	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1356022	97.117	ng	0.00
79) Terphenyl-d14	12.880	244	984487	86.712	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	137209	43.954	ng	# 82
3) Pyridine	3.404	79	302817	36.043	ng	98
4) n-Nitrosodimethylamine	3.334	42	238335	53.458	ng	92
6) Aniline	6.428	93	222641	18.751	ng	# 10
8) 2-Chlorophenol	6.551	128	390586	51.382	ng	96
9) Benzaldehyde	6.316	77	31976	6.199	ng	98
10) Phenol	6.422	94	397624	40.047	ng	97
11) bis(2-Chloroethyl)ether	6.504	93	372521	50.018	ng	98
12) 1,3-Dichlorobenzene	6.698	146	364780	47.218	ng	98
13) 1,4-Dichlorobenzene	6.775	146	373113	47.471	ng	99
14) 1,2-Dichlorobenzene	6.928	146	351191	48.114	ng	98
15) Benzyl Alcohol	6.910	79	340640	52.426	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.039	45	715460	50.965	ng	94
17) 2-Methylphenol	7.022	107	298760	44.537	ng	95
18) Hexachloroethane	7.263	117	143431	49.388	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	257635	45.937	ng	93
20) 3+4-Methylphenols	7.175	107	346771	42.990	ng	89
22) Acetophenone	7.169	105	510175	51.348	ng	# 96
24) Nitrobenzene	7.345	77	411100	51.997	ng	99
25) Isophorone	7.586	82	761734	51.860	ng	100
26) 2-Nitrophenol	7.657	139	201261	53.039	ng	95
27) 2,4-Dimethylphenol	7.698	122	305737	47.935	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	474875	54.016	ng	99
29) 2,4-Dichlorophenol	7.904	162	312625	52.896	ng	97
30) 1,2,4-Trichlorobenzene	7.980	180	321622	52.064	ng	99
31) Naphthalene	8.063	128	1078358	51.070	ng	100
32) Benzoic acid	7.845	122	248655	51.772	ng	96
33) 4-Chloroaniline	8.110	127	130047	14.038	ng	97
34) Hexachlorobutadiene	8.175	225	184321	49.484	ng	99
35) Caprolactam	8.492	113	90651m	45.702	ng	
36) 4-Chloro-3-methylphenol	8.610	107	343385	52.276	ng	97
37) 2-Methylnaphthalene	8.751	142	685571	48.302	ng	99
38) 1-Methylnaphthalene	8.851	142	659380	49.620	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	328568	53.837	ng	99
41) Hexachlorocyclopentadiene	8.904	237	209648	78.149	ng	99
43) 2,4,6-Trichlorophenol	9.033	196	223975	56.051	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.086	196	235257	51.124	ng	99	09/19/2023
46) 1,1'-Biphenyl	9.222	154	866575	53.529	ng	99	
47) 2-Chloronaphthalene	9.245	162	650191	55.354	ng	98	
48) 2-Nitroaniline	9.345	65	252688	55.374	ng	94	
49) Acenaphthylene	9.657	152	1062432	54.425	ng	99	
50) Dimethylphthalate	9.527	163	764556	53.680	ng	99	
51) 2,6-Dinitrotoluene	9.592	165	164931	52.860	ng	95	
52) Acenaphthene	9.833	154	616619	53.471	ng	97	
53) 3-Nitroaniline	9.757	138	109020	29.767	ng	99	
54) 2,4-Dinitrophenol	9.874	184	166265	92.785	ng	93	
55) Dibenzofuran	10.004	168	894691	50.842	ng	96	
56) 4-Nitrophenol	9.939	139	204400	87.812	ng	99	
57) 2,4-Dinitrotoluene	9.998	165	195052	49.935	ng	# 83	
58) Fluorene	10.351	166	695708	51.426	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.127	232	190419	53.793	ng	99	
60) Diethylphthalate	10.227	149	760696	53.218	ng	99	
61) 4-Chlorophenyl-phenyle...	10.339	204	326073	50.176	ng	98	
62) 4-Nitroaniline	10.380	138	166027	47.159	ng	98	
63) Azobenzene	10.504	77	737391	52.711	ng	97	
65) 4,6-Dinitro-2-methylph...	10.410	198	102681	53.124	ng	98	
66) n-Nitrosodiphenylamine	10.463	169	643942	58.449	ng	100	
67) 4-Bromophenyl-phenylether	10.833	248	205020	56.646	ng	98	
68) Hexachlorobenzene	10.898	284	210734	57.151	ng	95	
69) Atrazine	10.998	200	180305	60.823	ng	100	
70) Pentachlorophenol	11.098	266	208461	94.493	ng	97	
71) Phenanthrene	11.316	178	916548	53.252	ng	99	
72) Anthracene	11.368	178	934035	52.796	ng	99	
73) Carbazole	11.527	167	818934	50.850	ng	99	
74) Di-n-butylphthalate	11.857	149	1065807	56.163	ng	99	
75) Fluoranthene	12.504	202	807180	45.008	ng	99	
77) Benzidine	12.633	184	73440	20.368	ng	99	
78) Pyrene	12.739	202	789116	47.093	ng	99	
80) Butylbenzylphthalate	13.362	149	321701	54.528	ng	100	
81) Benzo(a)anthracene	13.933	228	610312	53.702	ng	99	
82) 3,3'-Dichlorobenzidine	13.898	252	181561	51.146	ng	# 99	
83) Chrysene	13.968	228	614593	54.392	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.927	149	378748	62.560	ng	100	
85) Di-n-octyl phthalate	14.545	149	701782	72.941	ng	# 99	
87) Indeno(1,2,3-cd)pyrene	16.886	276	663527	41.557	ng	99	
88) Benzo(b)fluoranthene	14.986	252	725352	55.024	ng	99	
89) Benzo(k)fluoranthene	15.015	252	644354	49.482	ng	99	
90) Benzo(a)pyrene	15.351	252	641766	51.050	ng	99	
91) Dibenzo(a,h)anthracene	16.903	278	559513	42.828	ng	99	
92) Benzo(g,h,i)perylene	17.333	276	486739	35.675	ng	99	

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



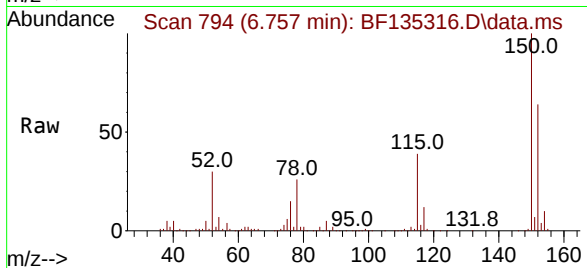
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135316.D
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Tgt Ion:152 Resp: 115818
Ion Ratio Lower Upper
152 100
150 156.4 127.8 191.6
115 61.7 49.8 74.8

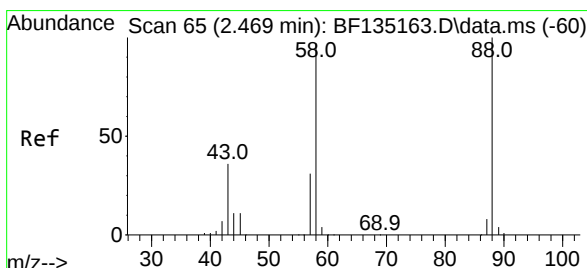
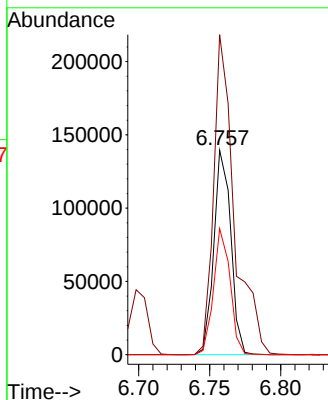
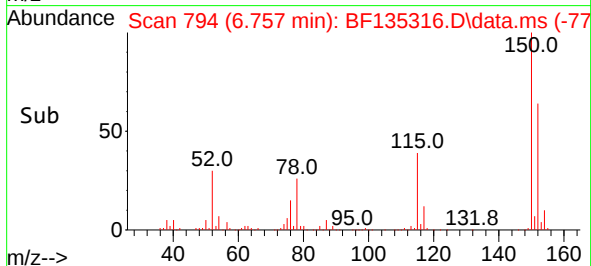
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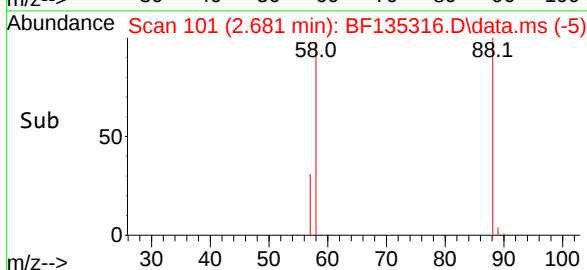
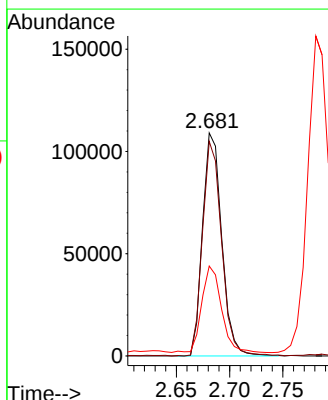
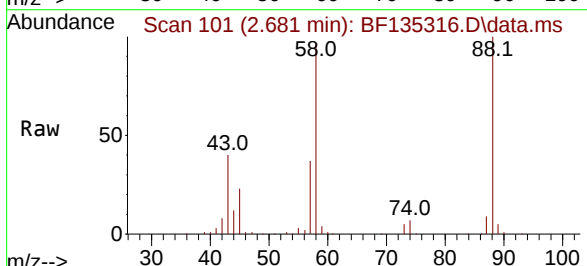
Supervised By :mohammad
ahmed

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#2
1,4-Dioxane
Concen: 43.954 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.212 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

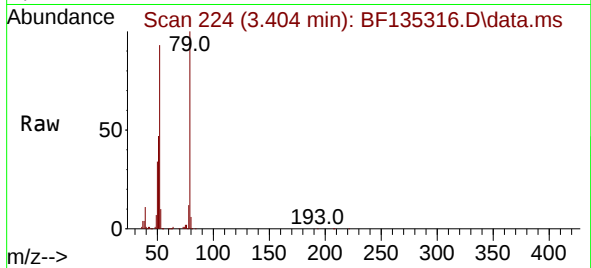
Tgt Ion: 88 Resp: 137209
Ion Ratio Lower Upper
88 100
58 95.8 78.3 117.5
43 0.0 29.4 44.0#





#3
Pyridine
Concen: 36.043 ng
RT: 3.404 min Scan# 212
Delta R.T. 0.188 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
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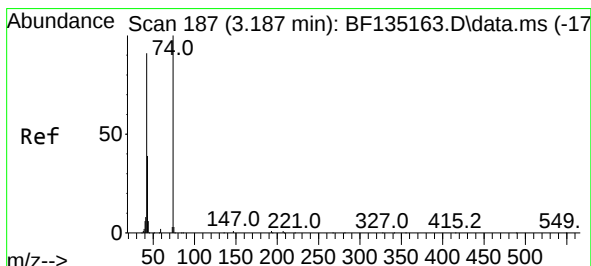
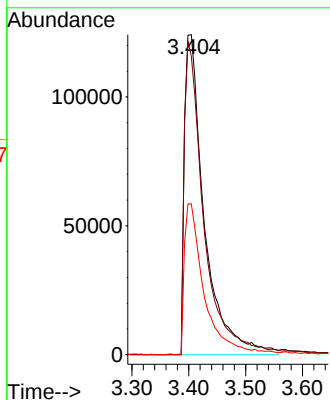
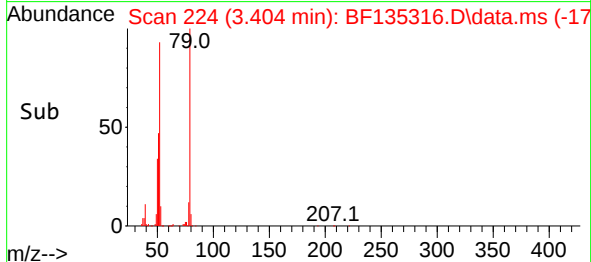
Tgt Ion: 79 Resp: 30281
Ion Ratio Lower Upper
79 100
52 93.3 74.1 111.1
51 47.2 35.8 53.8

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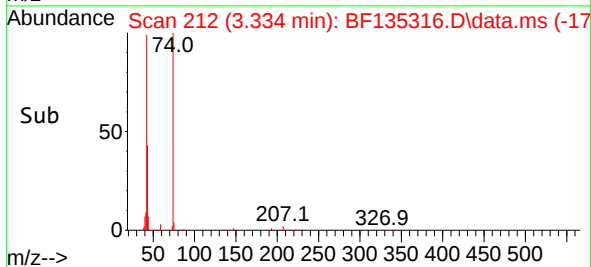
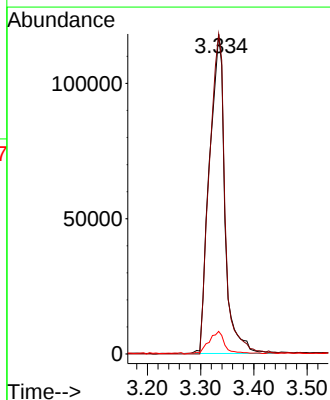
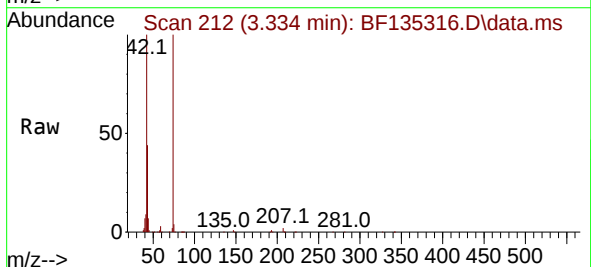
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Supervised By :mohammad
ahmed

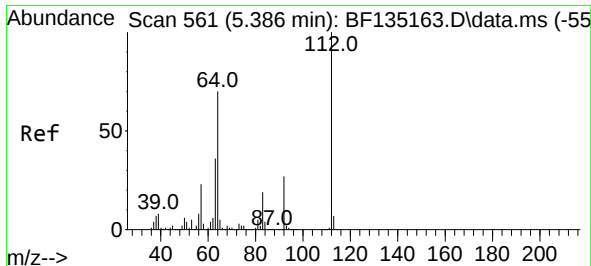
09/19/2023



#4
n-Nitrosodimethylamine
Concen: 53.458 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.147 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

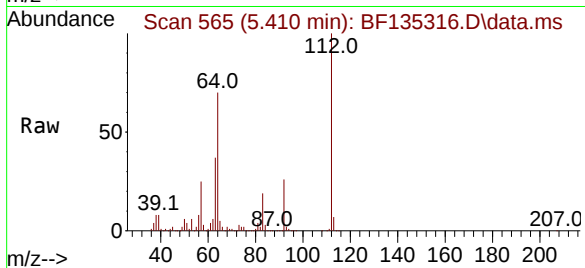
Tgt Ion: 42 Resp: 238335
Ion Ratio Lower Upper
42 100
74 100.2 87.7 131.5
44 7.1 5.6 8.4





#5
2-Fluorophenol
Concen: 126.558 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

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72-11930MSD



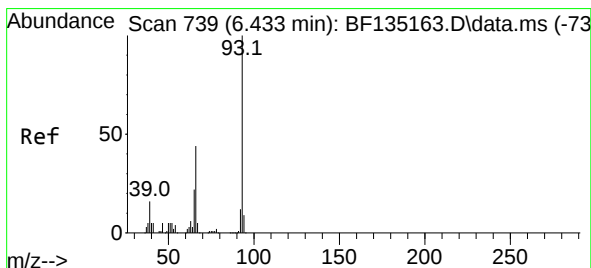
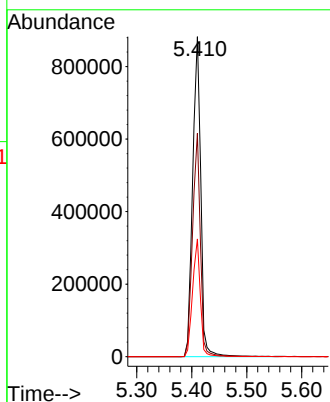
Tgt Ion: 112 Resp: 901212
Ion Ratio Lower Upper
112 100
64 69.8 55.9 83.9
63 36.8 29.0 43.6

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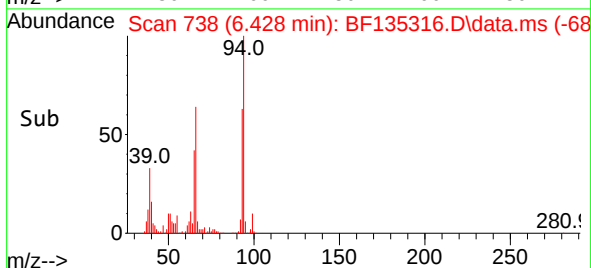
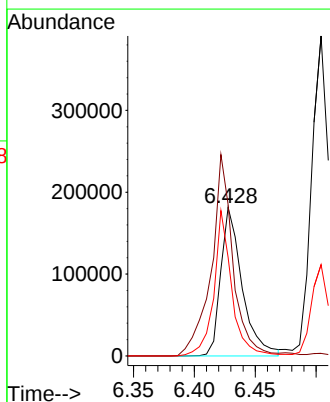
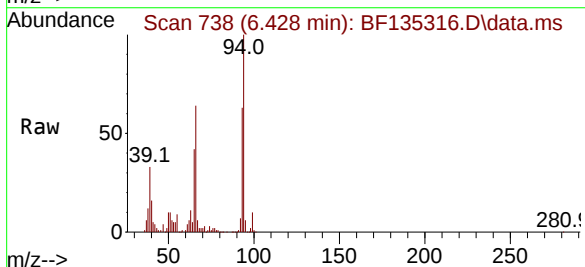
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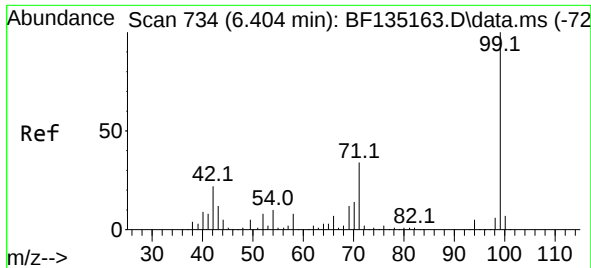
09/19/2023



#6
Aniline
Concen: 18.751 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion: 93 Resp: 222641
Ion Ratio Lower Upper
93 100
66 101.9 35.4 53.0#
65 66.3 17.8 26.8#





#7

Phenol-d6

Concen: 117.755 ng

RT: 6.410 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion: 99 Resp: 106623

Ion Ratio Lower Upper

99 100

42 24.9 17.9 26.9

71 35.3 27.0 40.6

Manual Integrations

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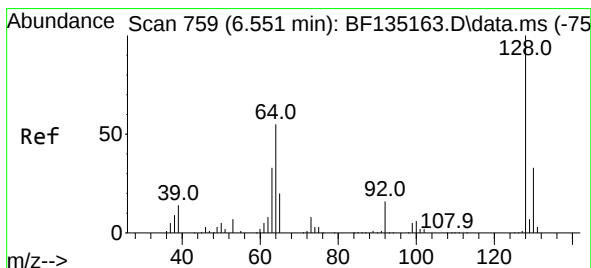
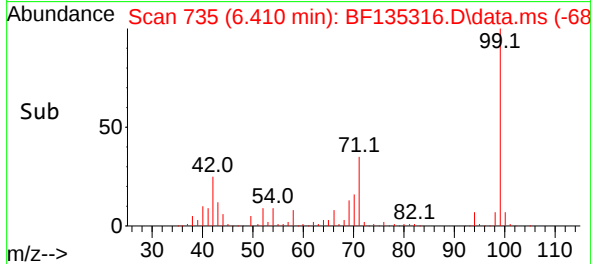
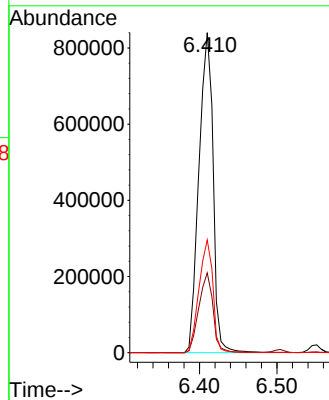
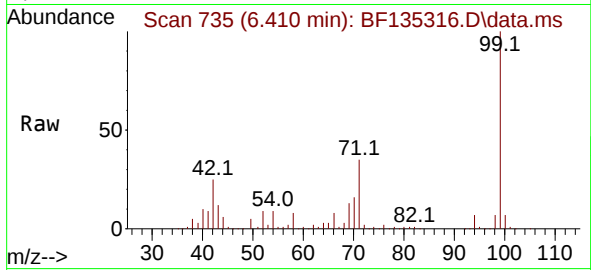
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#8

2-Chlorophenol

Concen: 51.382 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

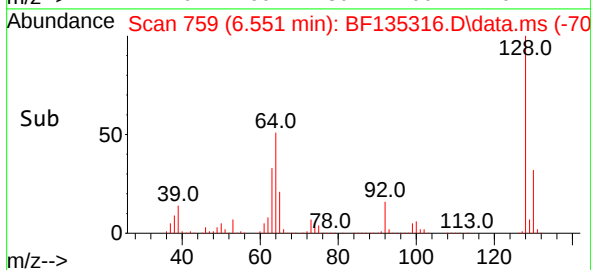
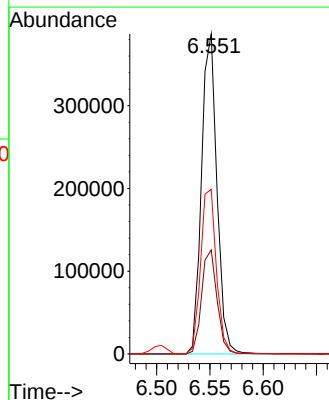
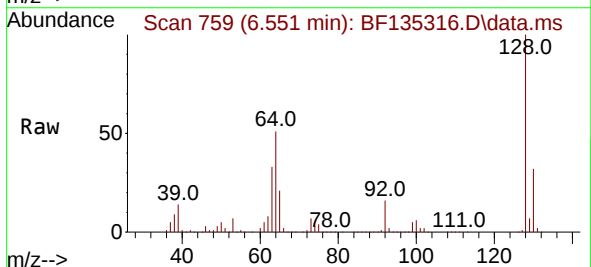
Tgt Ion:128 Resp: 390586

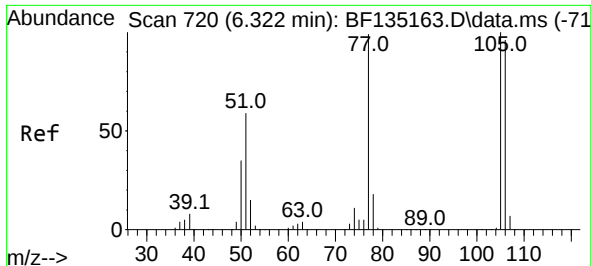
Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

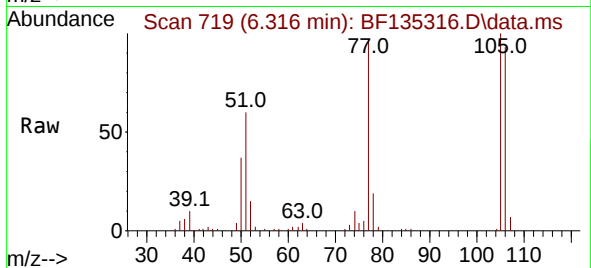
64 51.5 35.9 75.9





#9
Benzaldehyde
Concen: 6.199 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135316.D
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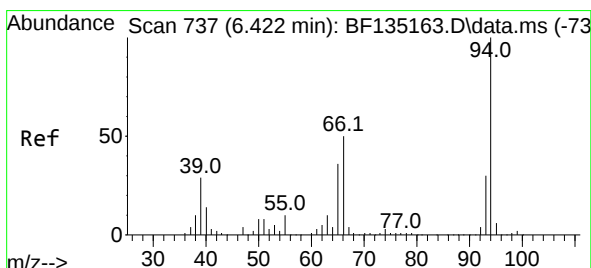
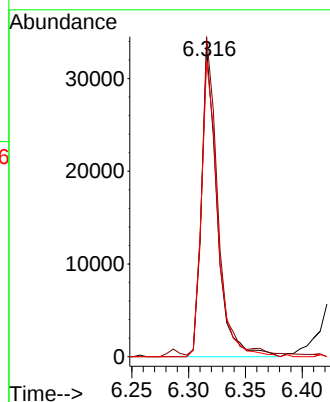
Tgt Ion: 77 Resp: 31970
Ion Ratio Lower Upper
77 100
105 103.5 81.4 121.4
106 95.8 76.9 116.9

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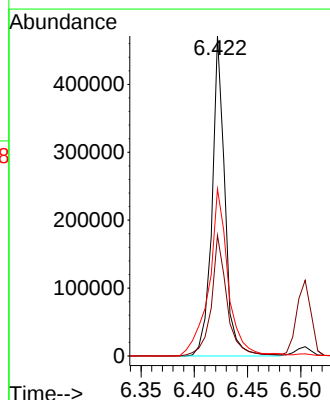
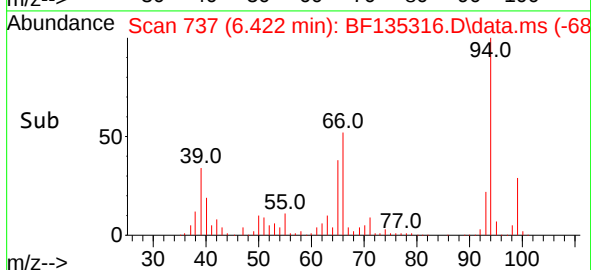
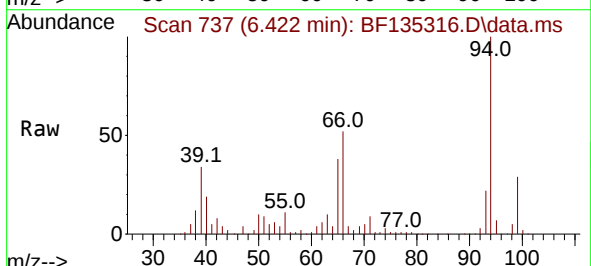
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#10
Phenol
Concen: 40.047 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion: 94 Resp: 397624
Ion Ratio Lower Upper
94 100
65 37.7 15.9 55.9
66 52.2 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 50.018 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

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72-11930MSD

Tgt Ion: 93 Resp: 37252
Ion Ratio Lower Upper
93 100
63 89.8 67.3 107.3
95 33.0 12.7 52.7

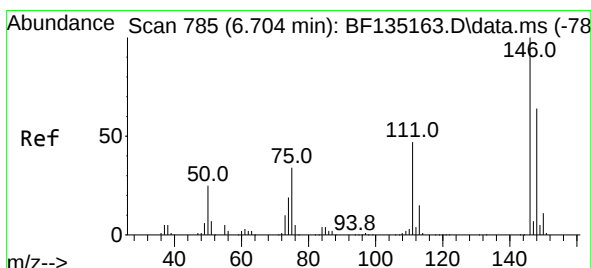
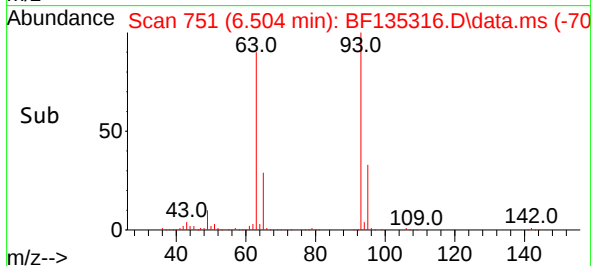
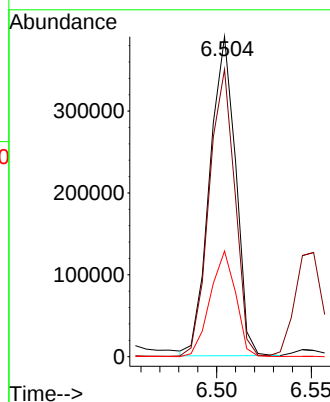
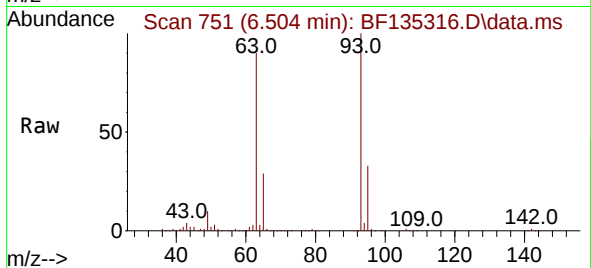
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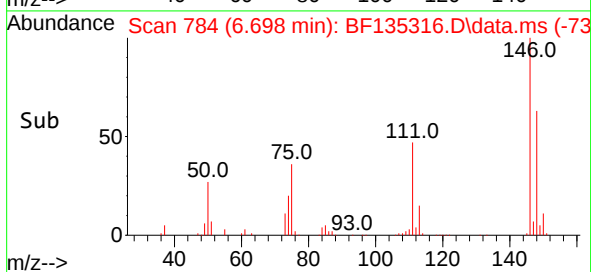
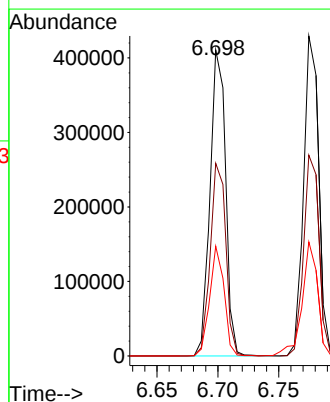
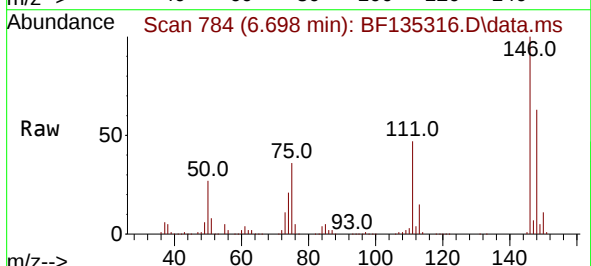
Supervised By :mohammad
ahmed

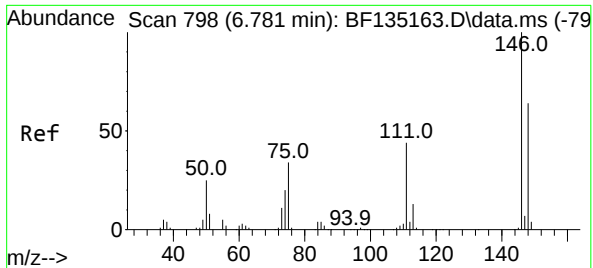
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#12
1,3-Dichlorobenzene
Concen: 47.218 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:146 Resp: 364780
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 35.9 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 47.471 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

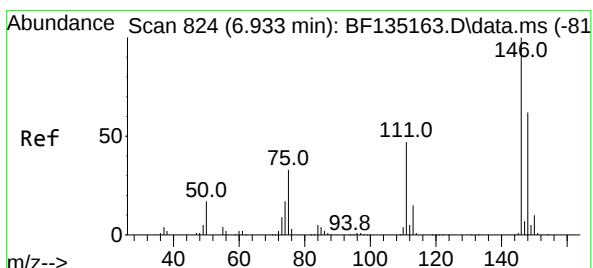
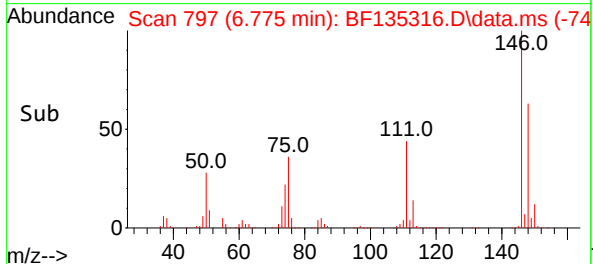
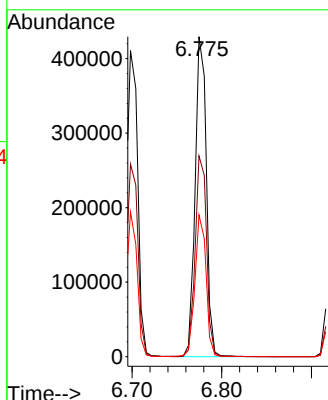
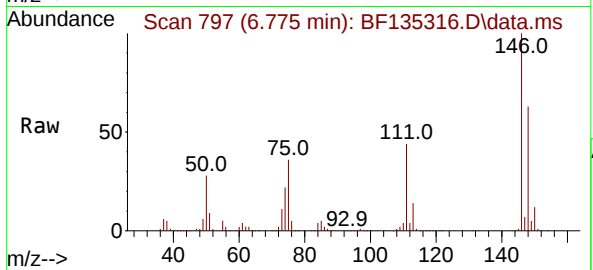
Tgt Ion:146 Resp: 37311
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
111 44.3 35.1 52.7

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Patel

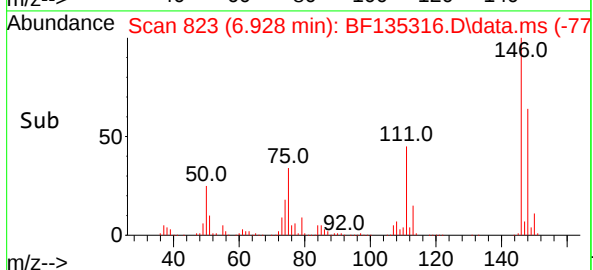
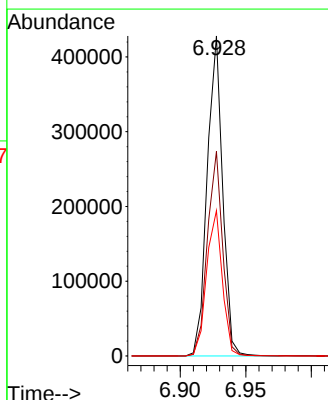
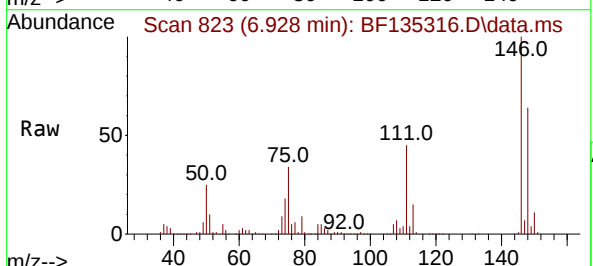
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ahmed

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#14
1,2-Dichlorobenzene
Concen: 48.114 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

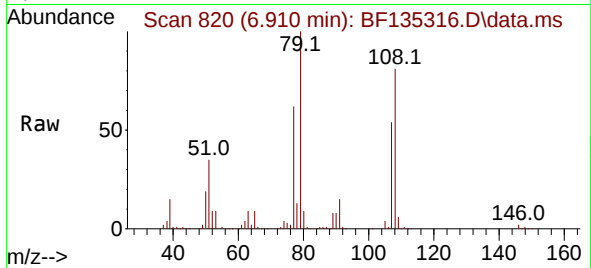
Tgt Ion:146 Resp: 351191
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 45.4 37.4 56.2





#15
Benzyl Alcohol
Concen: 52.426 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



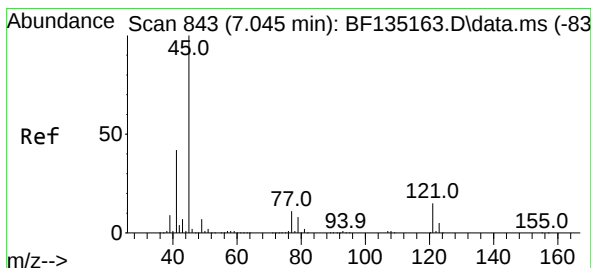
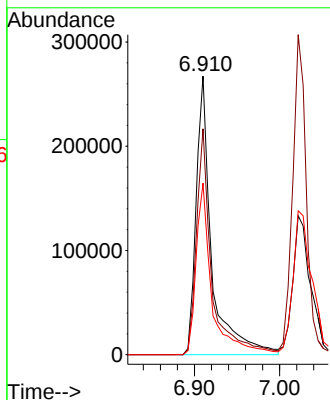
Tgt Ion: 79 Resp: 340640
Ion Ratio Lower Upper
79 100
108 81.1 61.2 91.8
77 61.6 50.5 75.7

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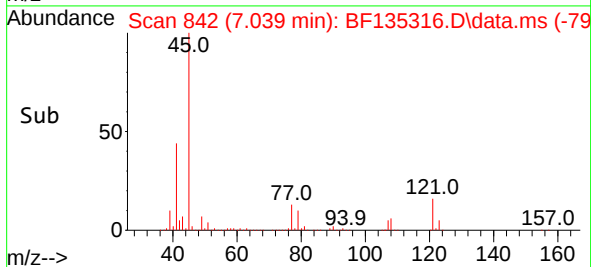
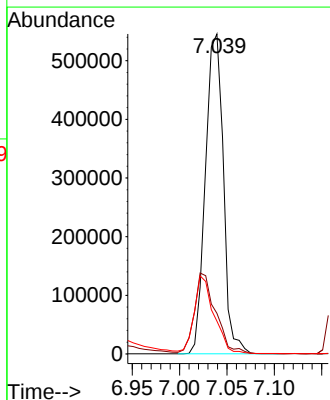
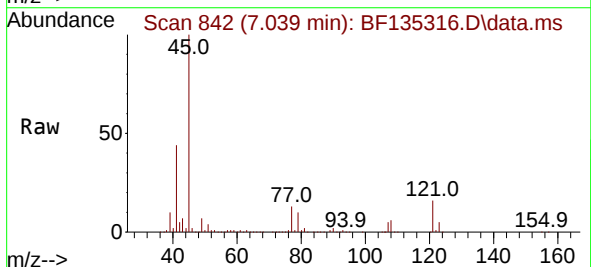
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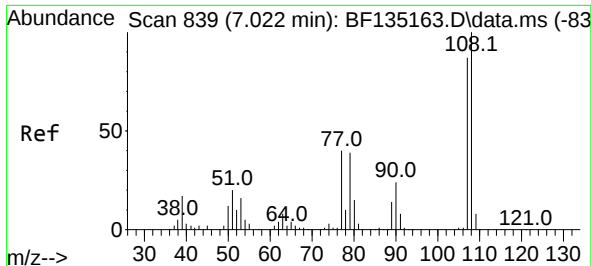
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.965 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion: 45 Resp: 715460
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.6
79 10.2 0.0 28.3





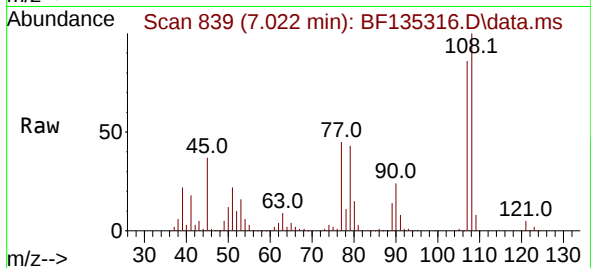
#17
2-Methylphenol
Concen: 44.537 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion:107 Resp: 298760
Ion Ratio Lower Upper
107 100
108 116.9 92.0 138.0
77 52.6 36.7 55.1
79 50.7 36.3 54.5

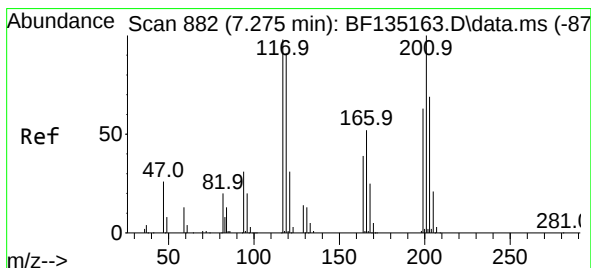
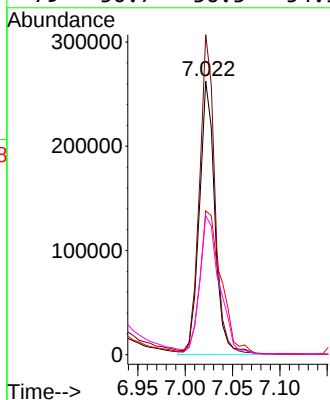
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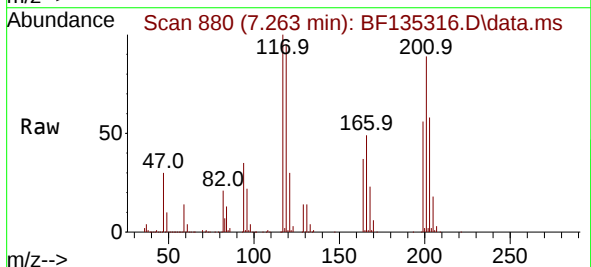
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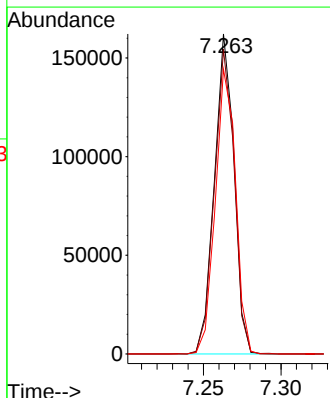
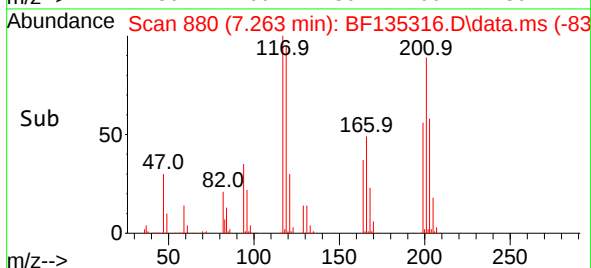
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#18
Hexachloroethane
Concen: 49.388 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17



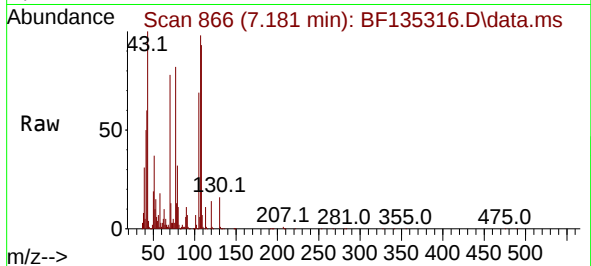
Tgt Ion:117 Resp: 143431
Ion Ratio Lower Upper
117 100
119 95.2 74.7 112.1
201 89.0 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.937 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



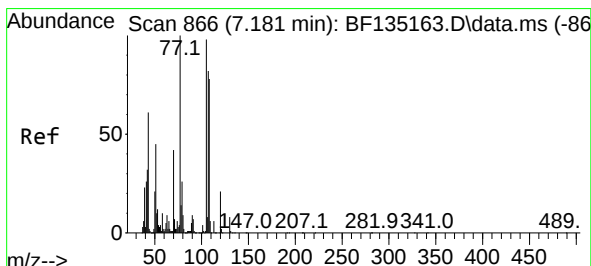
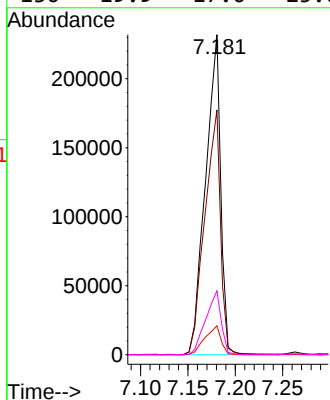
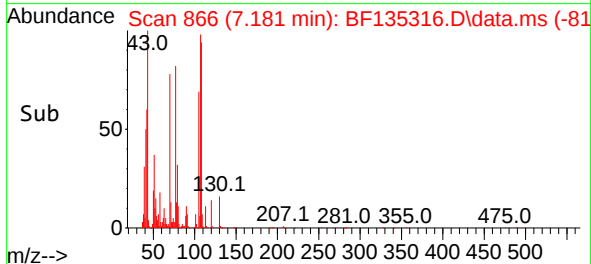
Tgt Ion: 70 Resp: 25763
Ion Ratio Lower Upper
70 100
42 76.5 55.4 83.0
101 9.1 7.7 11.5
130 19.9 17.0 25.6

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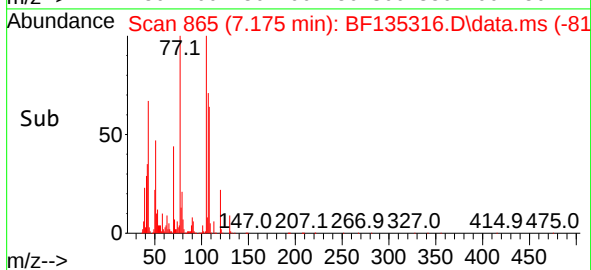
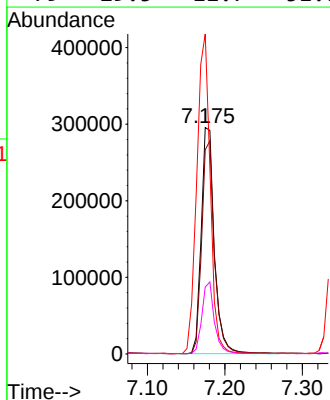
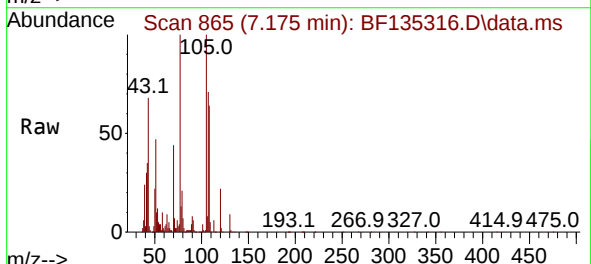
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Supervised By :mohammad
ahmed

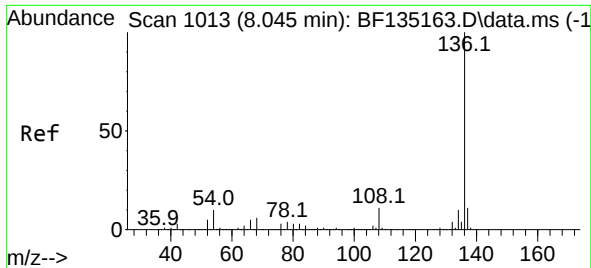
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#20
3+4-Methylphenols
Concen: 42.990 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

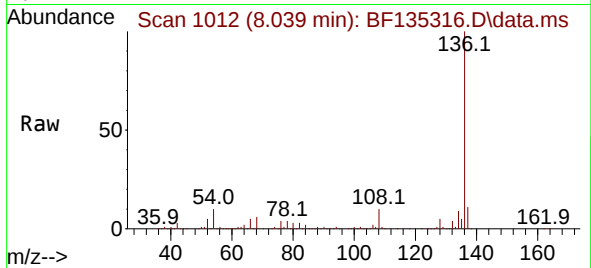
Tgt Ion:107 Resp: 346771
Ion Ratio Lower Upper
107 100
108 90.2 74.7 114.7
77 141.3 102.0 142.0
79 29.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



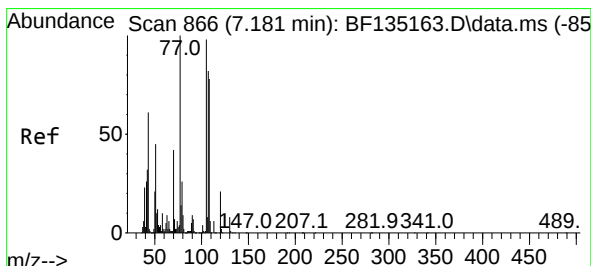
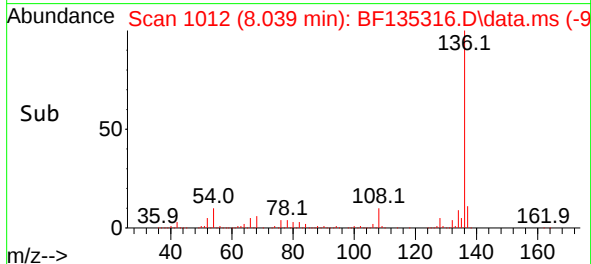
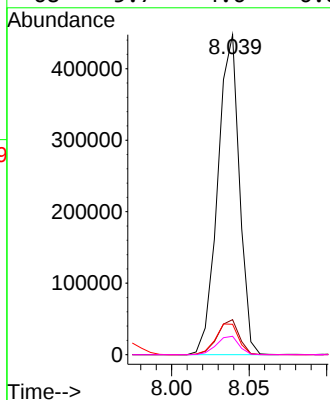
Tgt Ion:136 Resp: 434584
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.5 7.7 11.5
68 5.7 4.6 6.8

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Patel

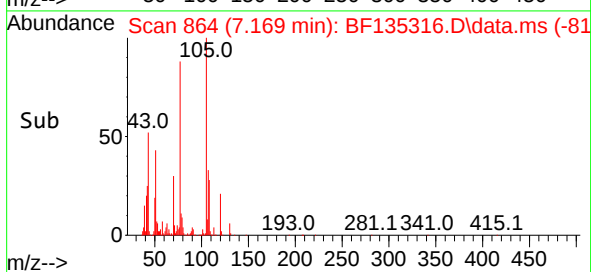
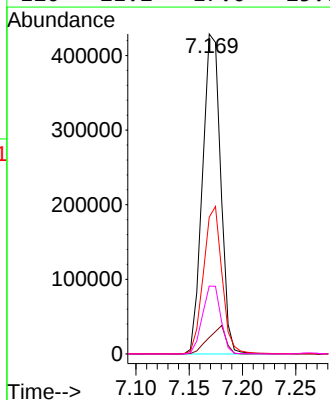
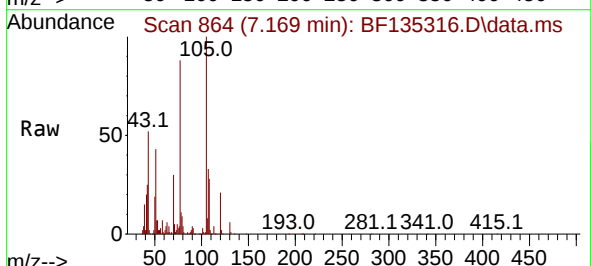
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Supervised By :mohammad
ahmed

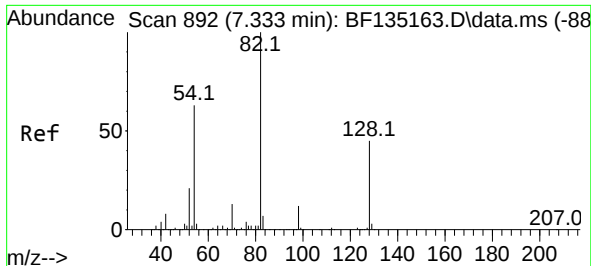
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#22
Acetophenone
Concen: 51.348 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:105 Resp: 510175
Ion Ratio Lower Upper
105 100
71 5.2 5.8 8.6#
51 42.7 37.0 55.4
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 99.244 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion: 82 Resp: 793860

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.8	53.6
54	65.7	50.6	76.0

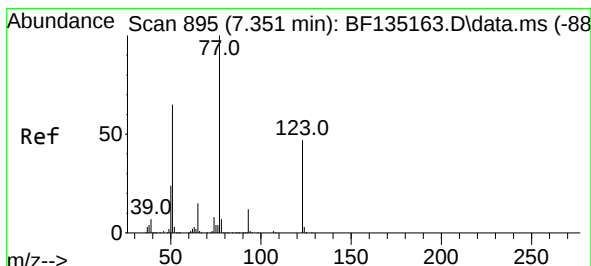
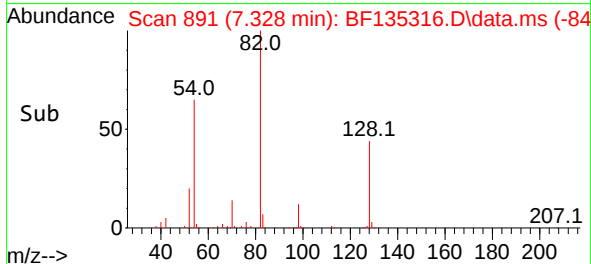
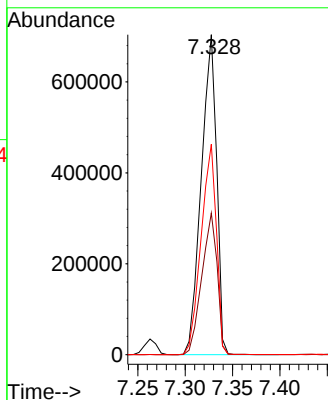
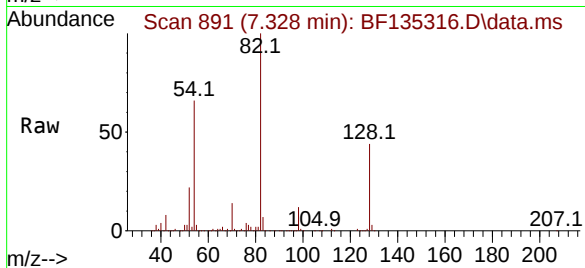
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Reviewed By :Yogesh
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#24

Nitrobenzene

Concen: 51.997 ng

RT: 7.345 min Scan# 894

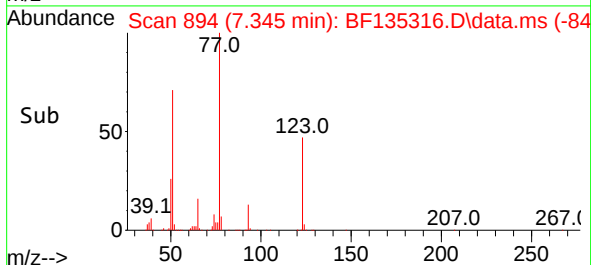
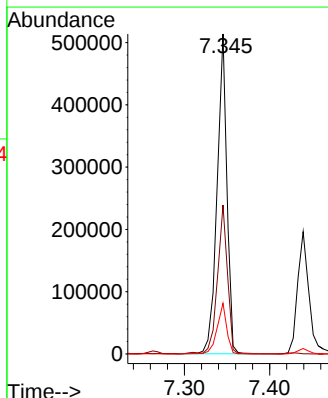
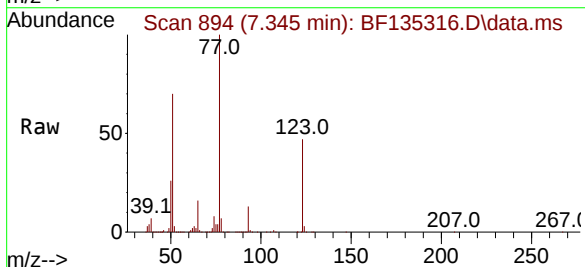
Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Tgt Ion: 77 Resp: 411100

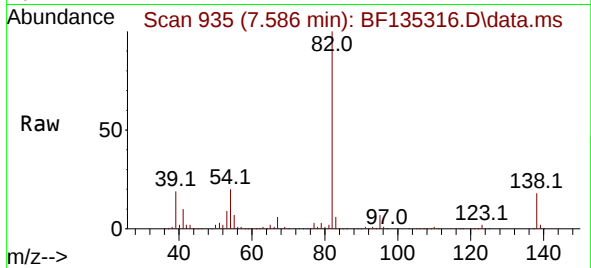
Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.6	56.4
65	15.9	12.2	18.4





#25
Isophorone
Concen: 51.860 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



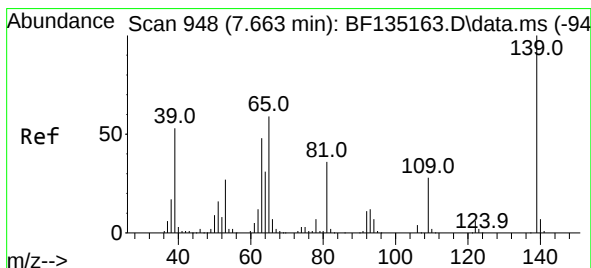
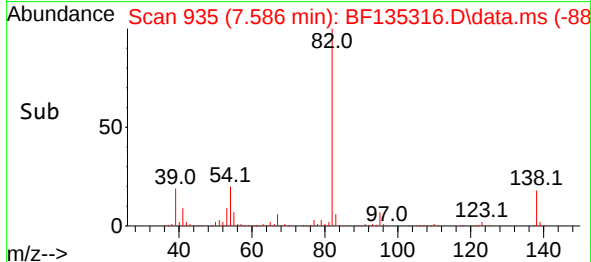
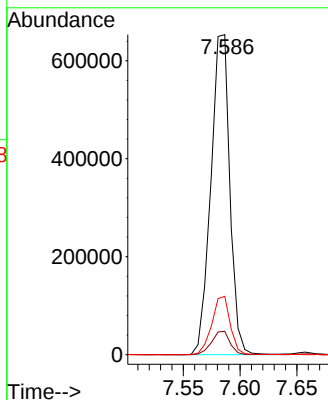
Tgt Ion: 82 Resp: 761734
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.2 14.5 21.7

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Patel

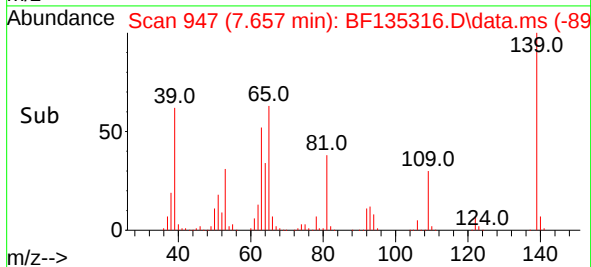
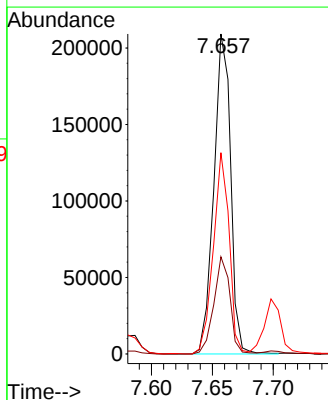
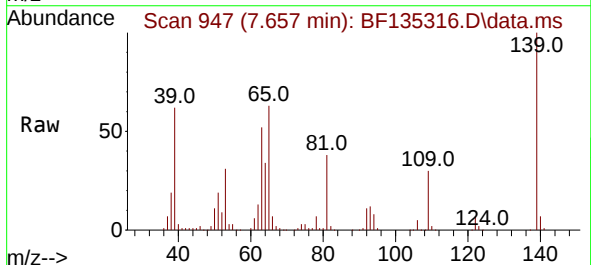
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Supervised By :mohammad
ahmed

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#26
2-Nitrophenol
Concen: 53.039 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:139 Resp: 201261
Ion Ratio Lower Upper
139 100
109 30.4 22.6 33.8
65 62.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.935 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135316.D

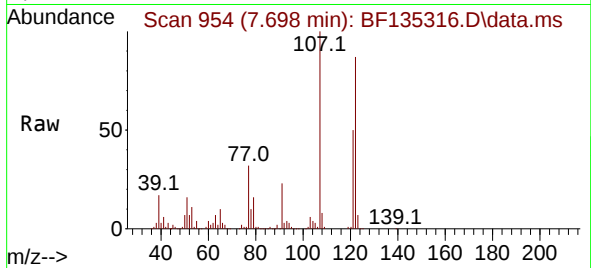
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.5	90.2	135.4
121	57.6	46.3	69.5

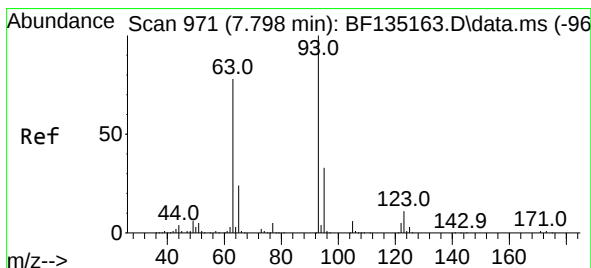
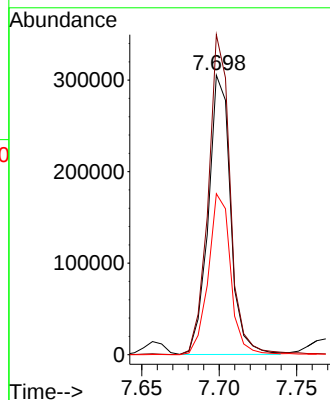
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Patel

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#28

bis(2-Chloroethoxy)methane

Concen: 54.016 ng

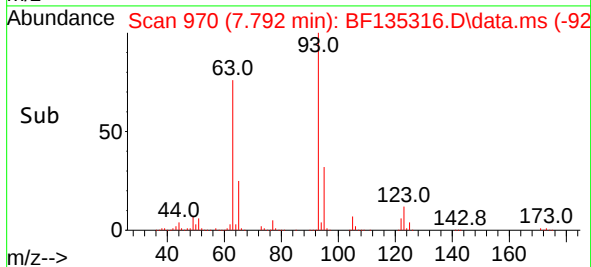
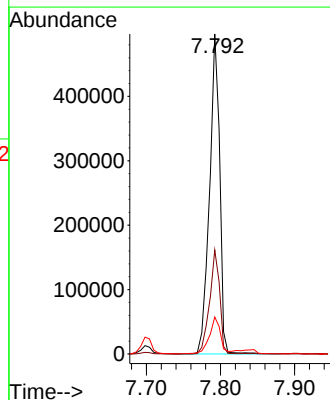
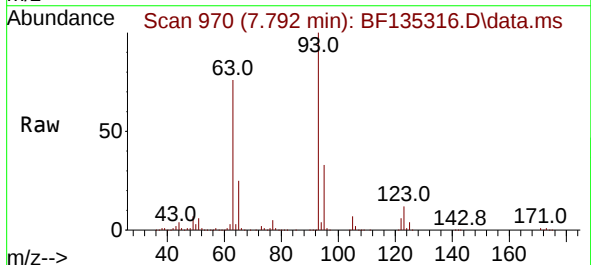
RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.6	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 52.896 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135316.D

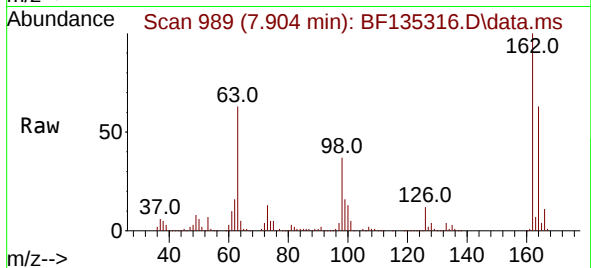
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion:	162	Resp:	31262
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.1	84.1
98	36.8	20.3	60.3

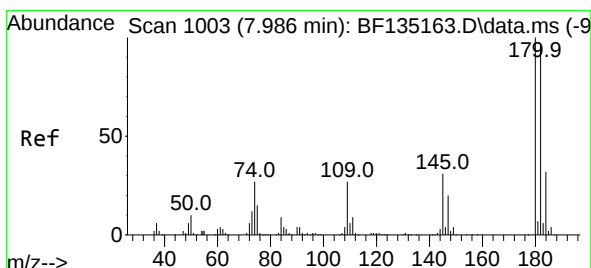
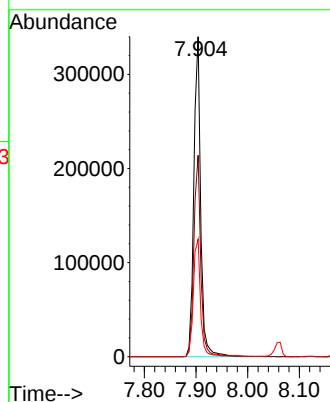
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/19/2023

Supervised By :mohammad
ahmed

09/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 52.064 ng

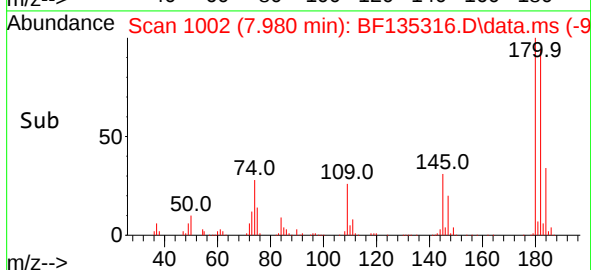
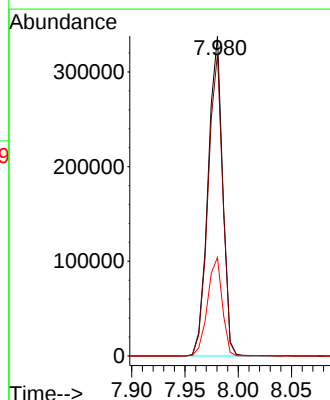
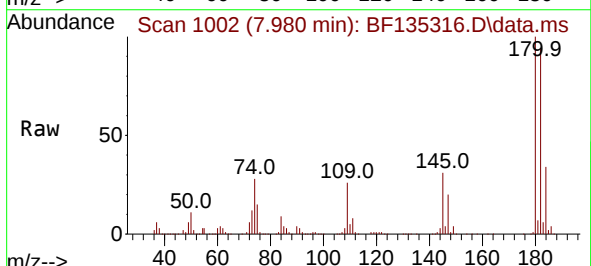
RT: 7.980 min Scan# 1002

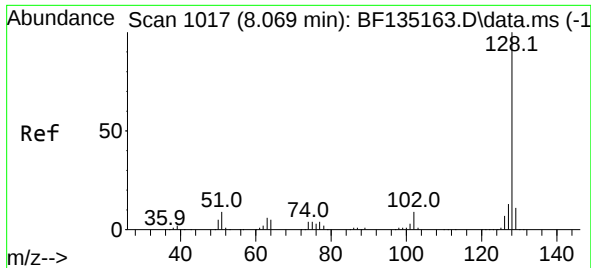
Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

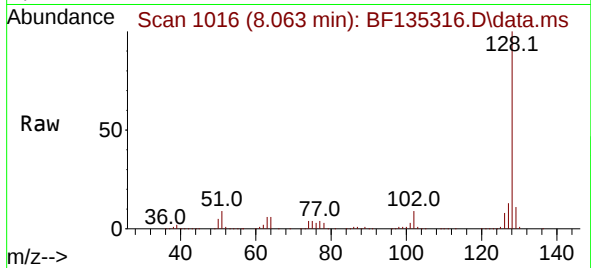
Tgt Ion:	180	Resp:	321622
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.9	115.3
145	30.8	24.5	36.7





#31
Naphthalene
Concen: 51.070 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



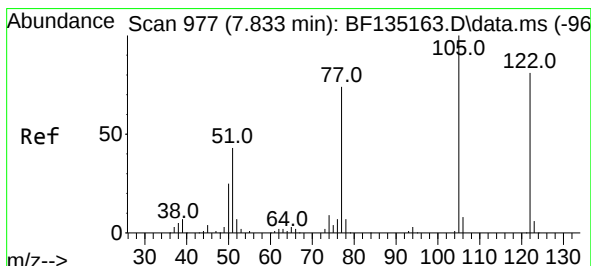
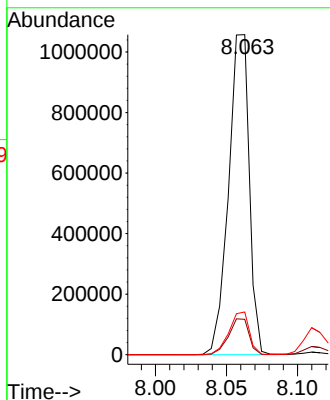
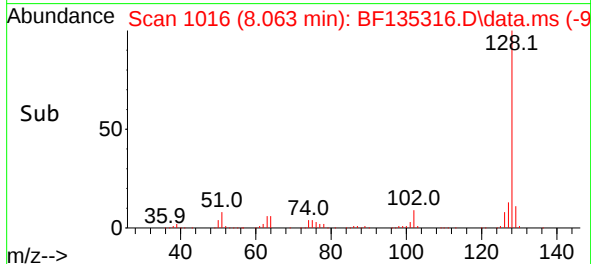
Tgt Ion:128 Resp: 1078358
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.7 16.1

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Reviewed By :Yogesh
Patel

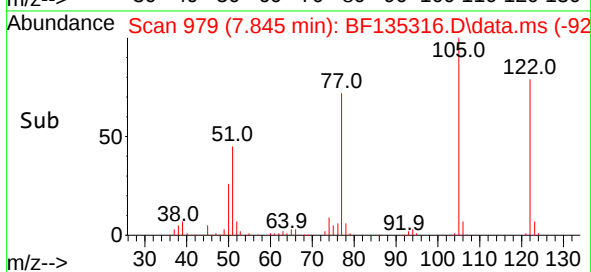
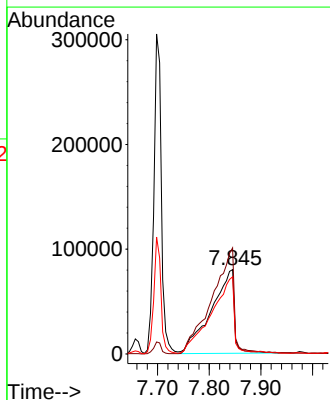
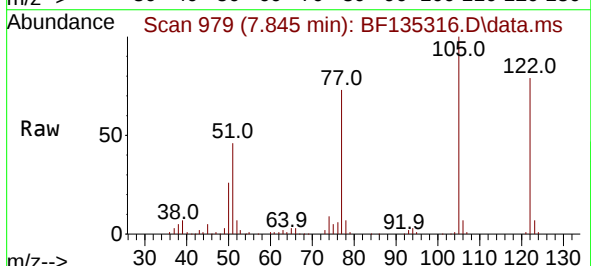
09/19/2023
Supervised By :mohammad
ahmed

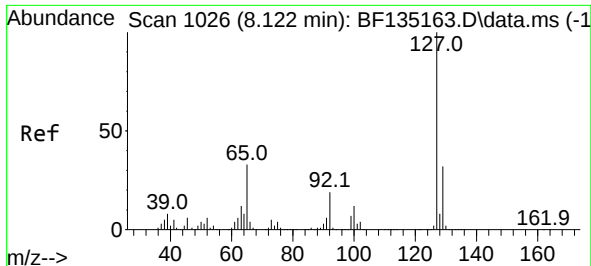
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#32
Benzoic acid
Concen: 51.772 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:122 Resp: 248655
Ion Ratio Lower Upper
122 100
105 125.9 99.9 139.9
77 91.5 70.0 110.0





#33
4-Chloroaniline
Concen: 14.038 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:127 Resp: 13004
Ion Ratio Lower Upper
127 100
129 30.0 25.8 38.8
65 34.0 26.6 39.8
92 18.1 15.4 23.2

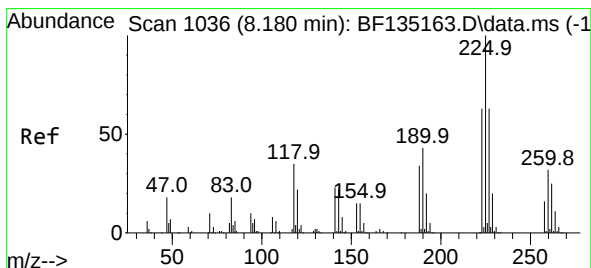
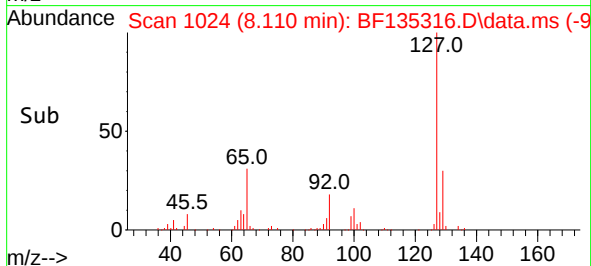
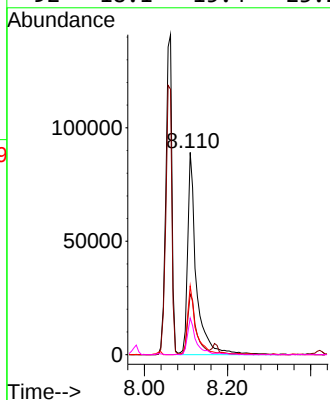
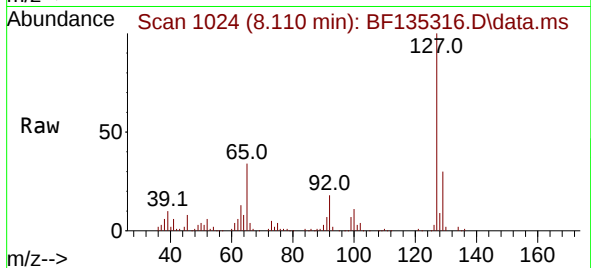
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Reviewed By :Yogesh
Patel

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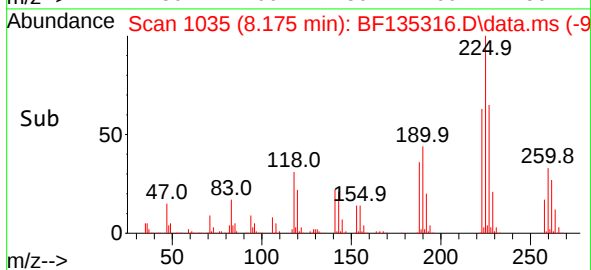
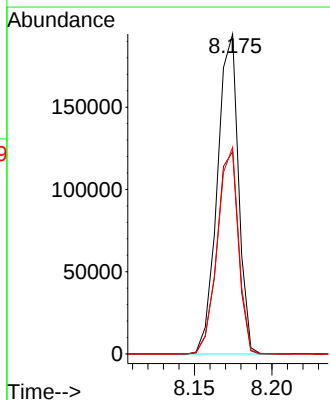
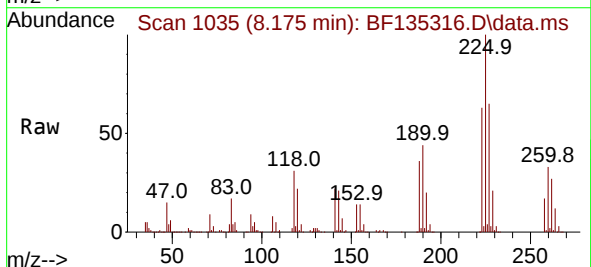
Supervised By :mohammad
ahmed

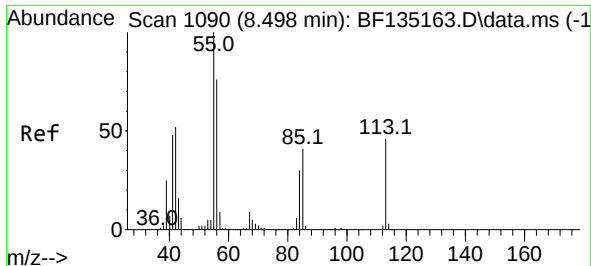
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#34
Hexachlorobutadiene
Concen: 49.484 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

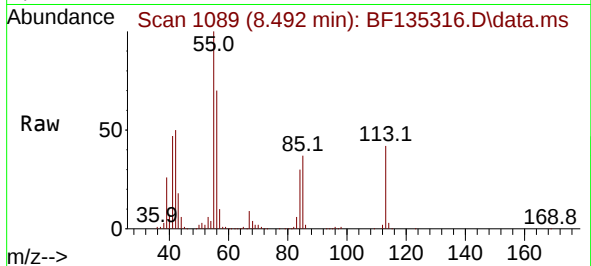
Tgt Ion:225 Resp: 184321
Ion Ratio Lower Upper
225 100
223 63.2 50.6 75.8
227 64.6 50.8 76.2





#35
Caprolactam
Concen: 45.702 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



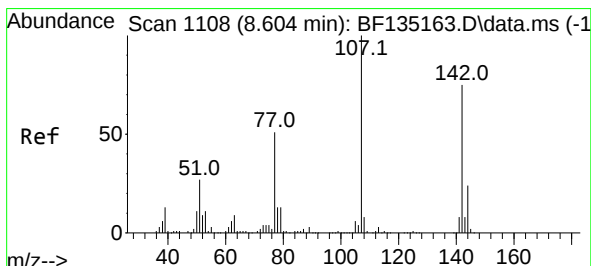
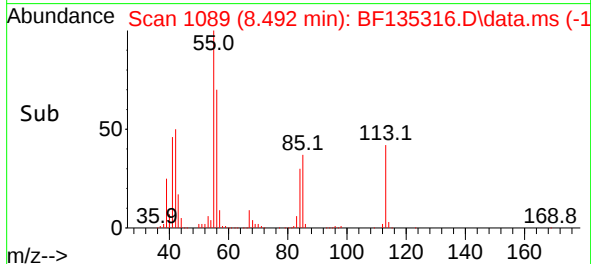
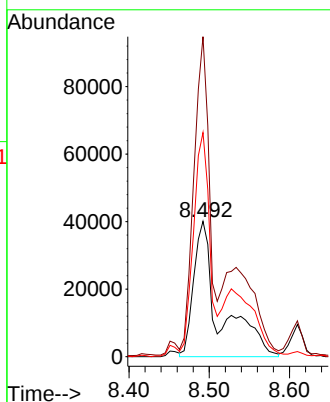
Tgt Ion:113 Resp: 9065
Ion Ratio Lower Upper
113 100
55 236.4 199.3 239.3
56 165.6 146.3 186.3

Manual Integrations
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Reviewed By :Yogesh
Patel

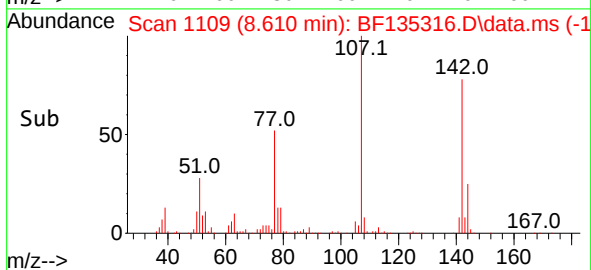
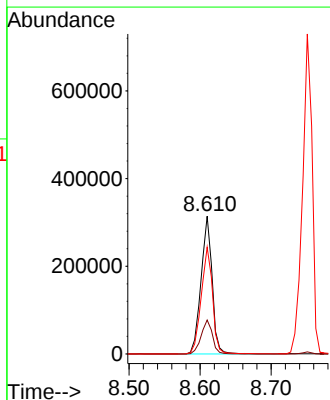
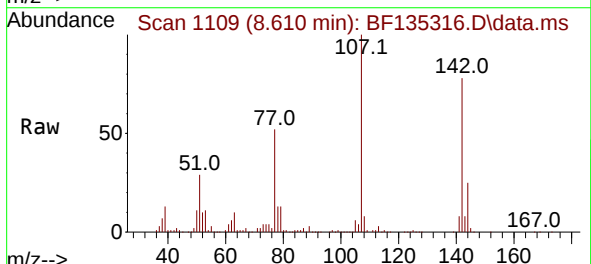
09/19/2023
Supervised By :mohammad
ahmed

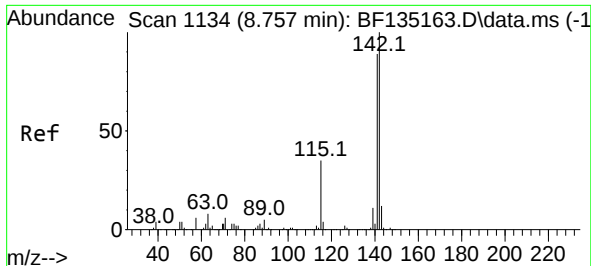
09/19/2023



#36
4-Chloro-3-methylphenol
Concen: 52.276 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:107 Resp: 343385
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.4
142 77.5 60.2 90.2





#37

2-Methylnaphthalene

Concen: 48.302 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:142 Resp: 68557

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.6

Manual Integrations

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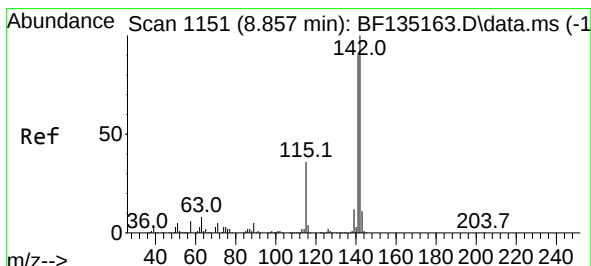
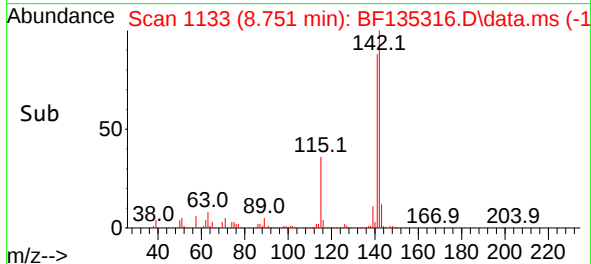
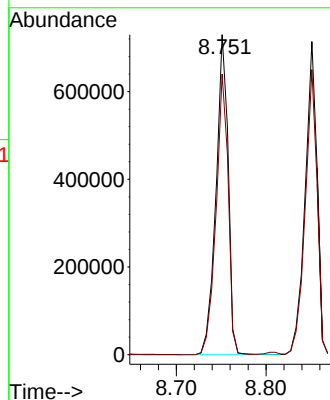
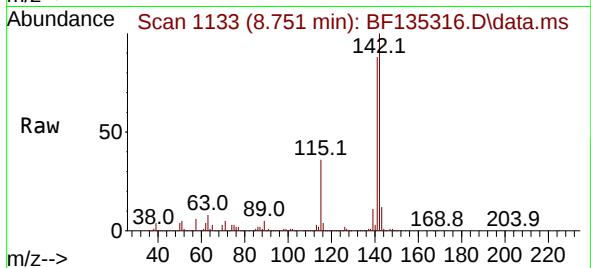
Reviewed By :Yogesh

Patel

09/19/2023

Supervised By :mohammad
ahmed

09/19/2023



#38

1-Methylnaphthalene

Concen: 49.620 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135316.D

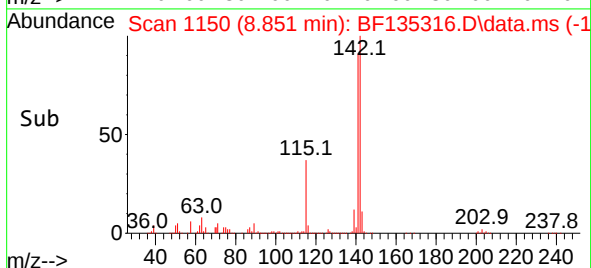
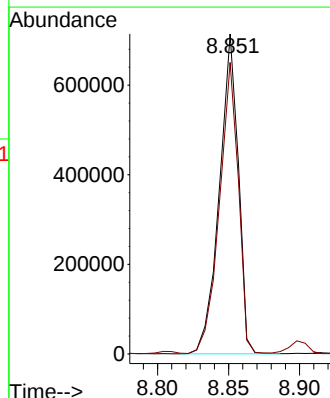
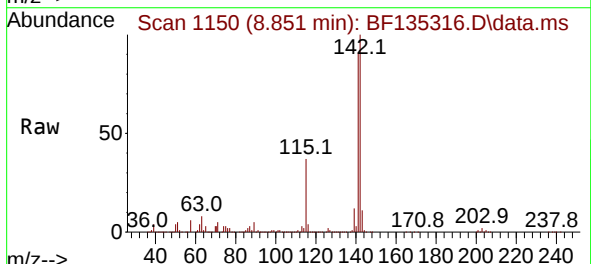
Acq: 18 Sep 2023 20:17

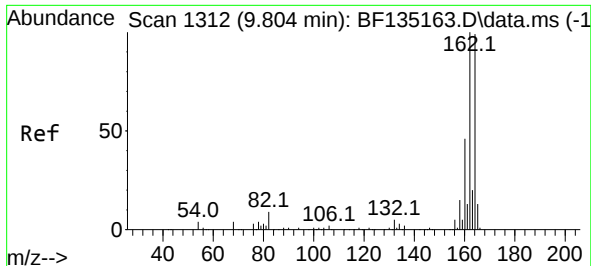
Tgt Ion:142 Resp: 659380

Ion Ratio Lower Upper

142 100

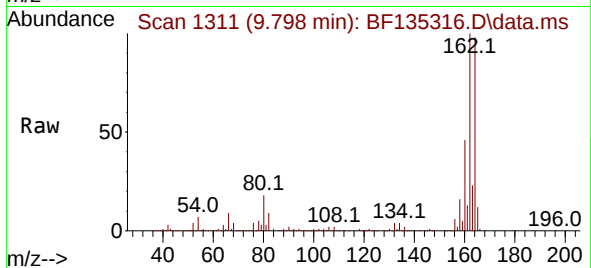
141 91.1 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



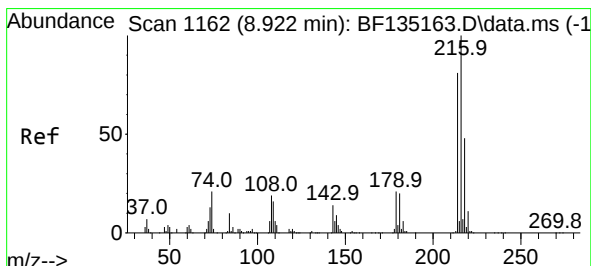
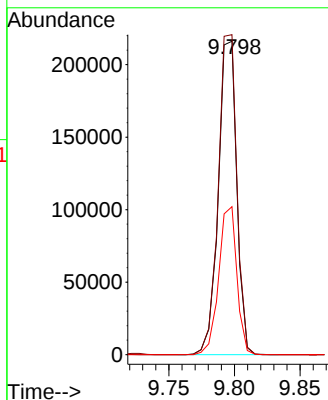
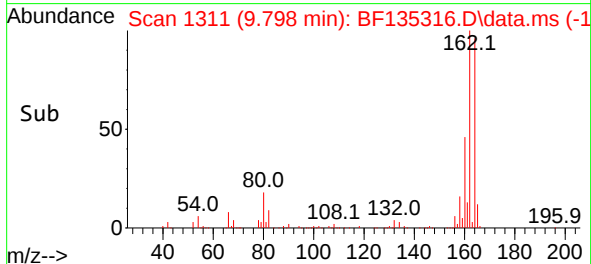
Tgt Ion:164 Resp: 210660
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 47.2 37.0 55.4

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Reviewed By :Yogesh
Patel

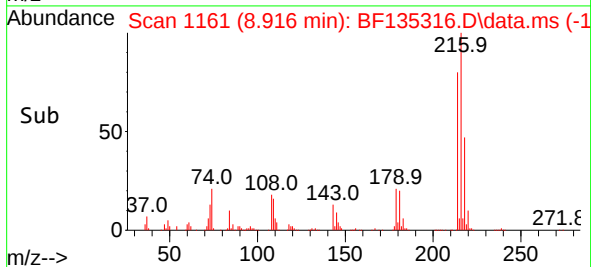
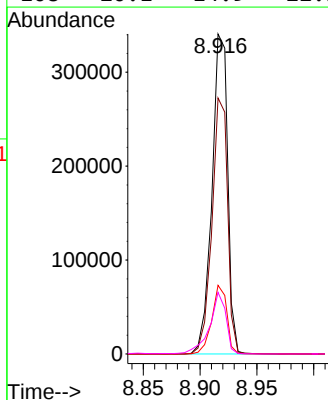
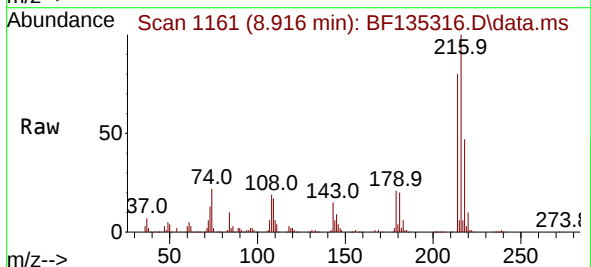
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Supervised By :mohammad
ahmed

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#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.837 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

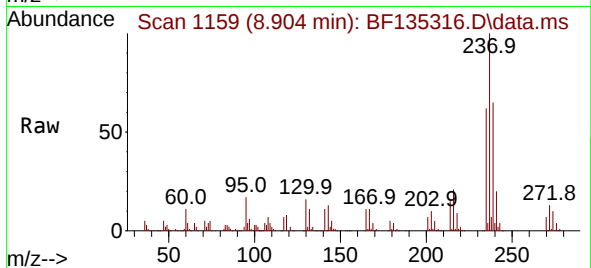
Tgt Ion:216 Resp: 328568
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.4 16.7 25.1
108 20.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 78.149 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



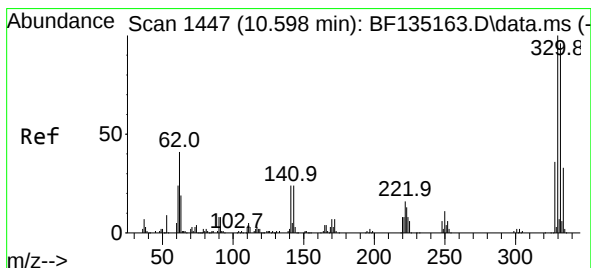
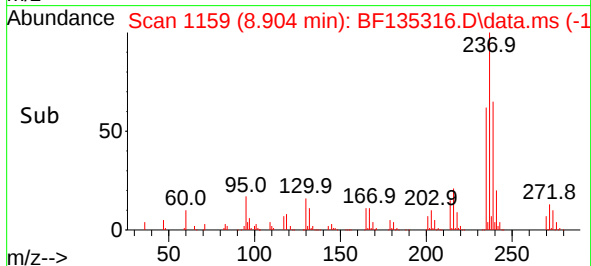
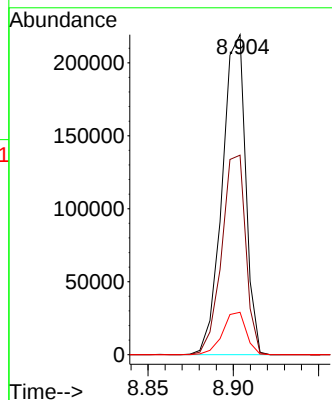
Tgt Ion:237 Resp: 209648
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 13.3 0.0 33.6

Manual Integrations
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Reviewed By :Yogesh
Patel

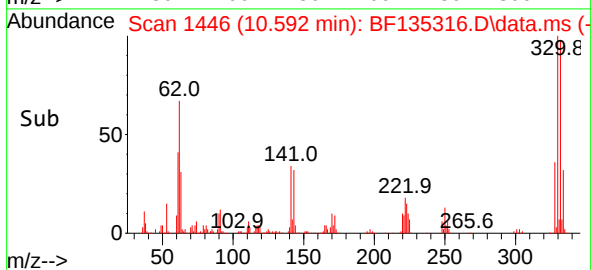
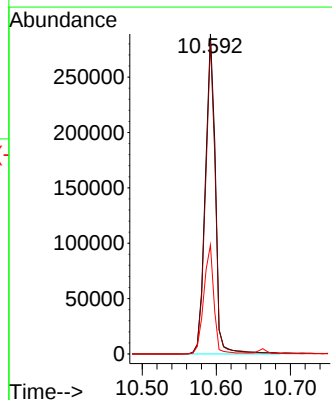
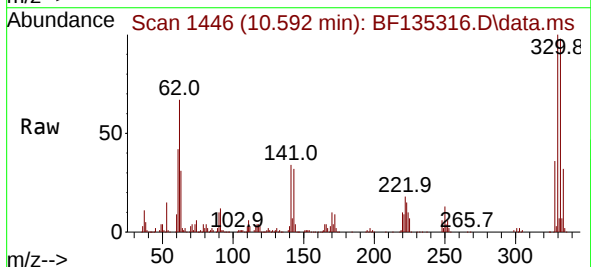
09/19/2023
Supervised By :mohammad
ahmed

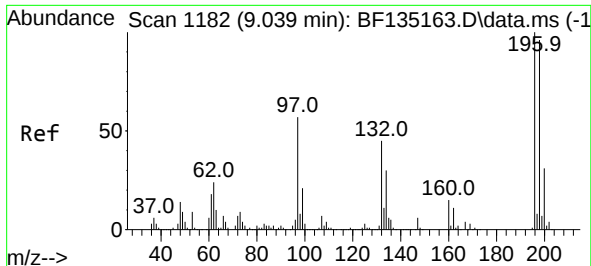
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#42
2,4,6-Tribromophenol
Concen: 131.025 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:330 Resp: 274294
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 34.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 56.051 ng

RT: 9.033 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:196 Resp: 22397
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.0 115.6
 200 29.7 24.5 36.7

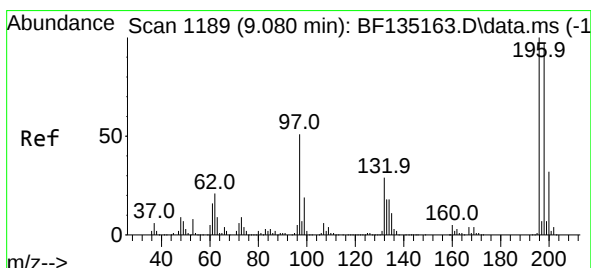
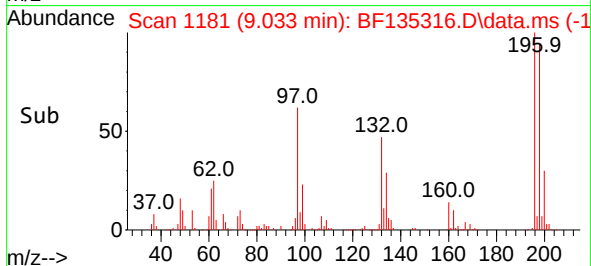
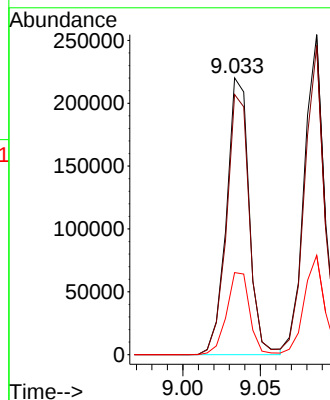
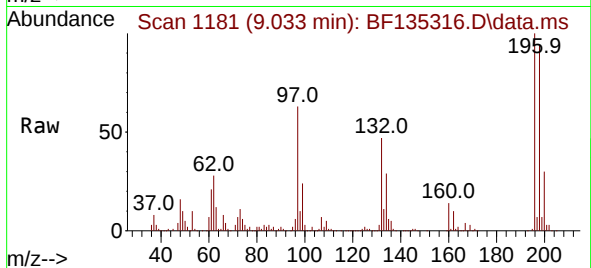
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

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Supervised By :mohammad
 ahmed

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#44

2,4,5-Trichlorophenol

Concen: 51.124 ng

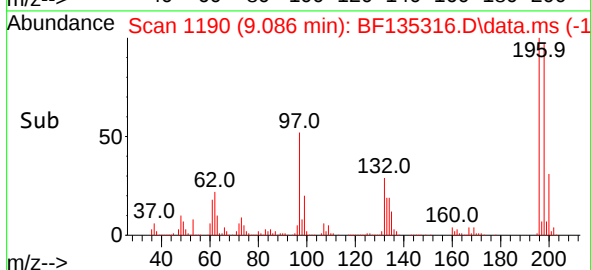
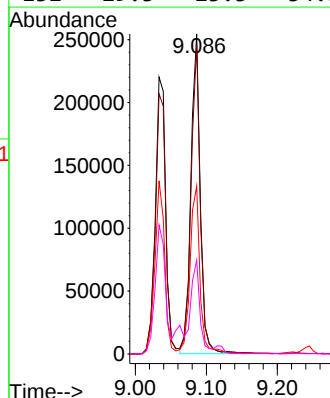
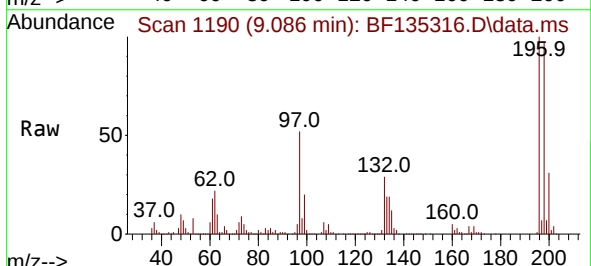
RT: 9.086 min Scan# 1190

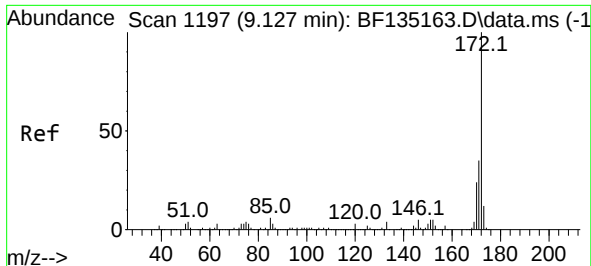
Delta R.T. 0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Tgt Ion:196 Resp: 235257
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.5 116.3
 97 52.5 40.5 60.7
 132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 97.117 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:172 Resp: 135602

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.8 19.0 28.4

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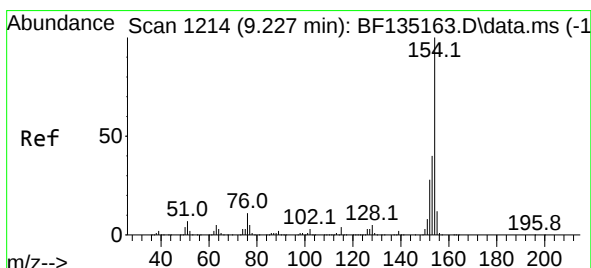
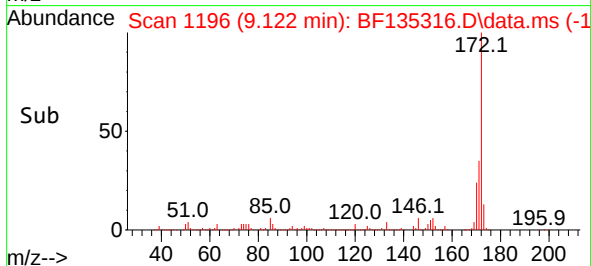
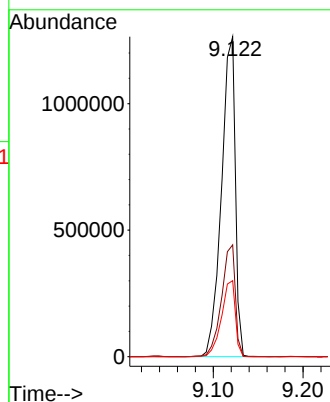
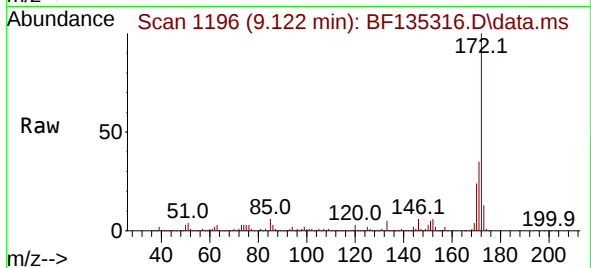
Reviewed By :Yogesh

Patel

09/19/2023

Supervised By :mohammad
ahmed

09/19/2023



#46

1,1'-Biphenyl

Concen: 53.529 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

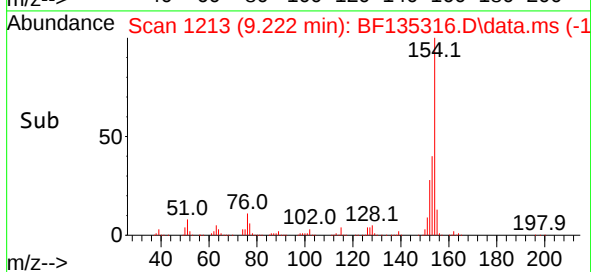
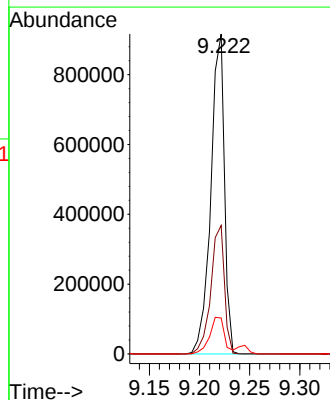
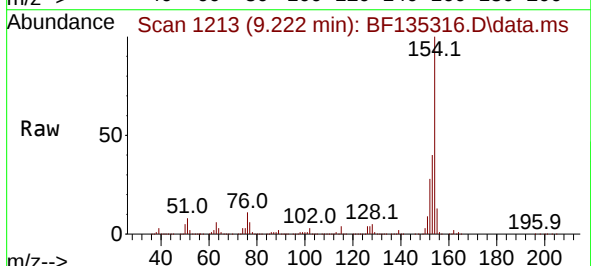
Tgt Ion:154 Resp: 866575

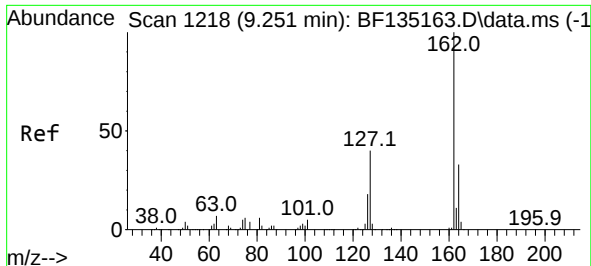
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 11.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 55.354 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:	162	Resp:	65019
Ion Ratio	Lower	Upper	
162	100		
127	42.4	32.6	48.8
164	33.6	26.2	39.2

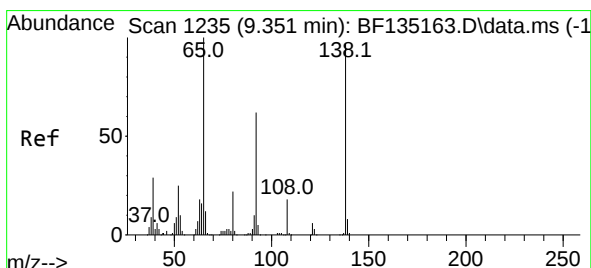
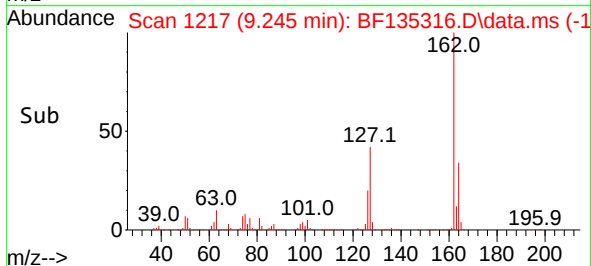
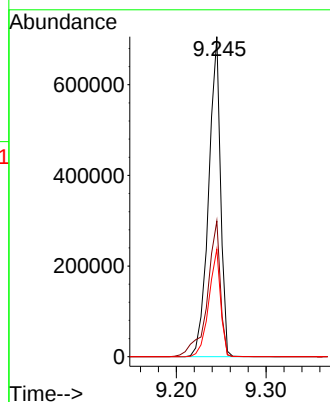
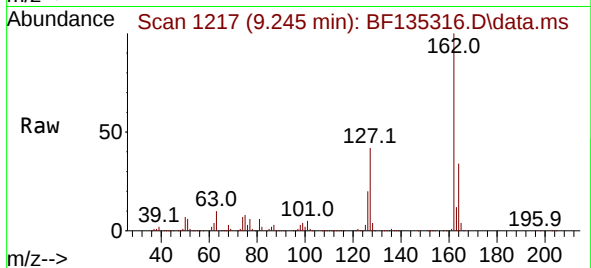
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/19/2023

Supervised By :mohammad
ahmed

09/19/2023



#48

2-Nitroaniline

Concen: 55.374 ng

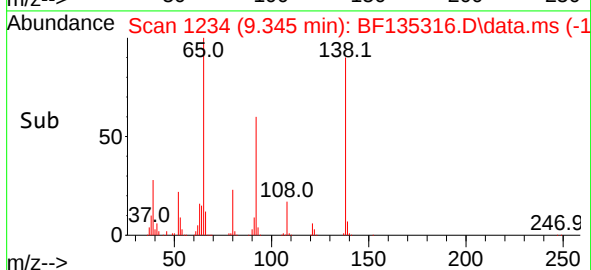
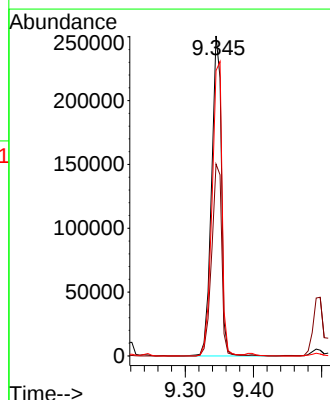
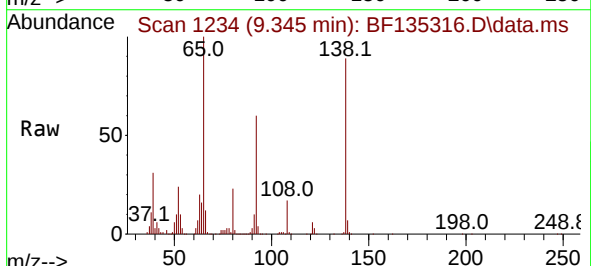
RT: 9.345 min Scan# 1234

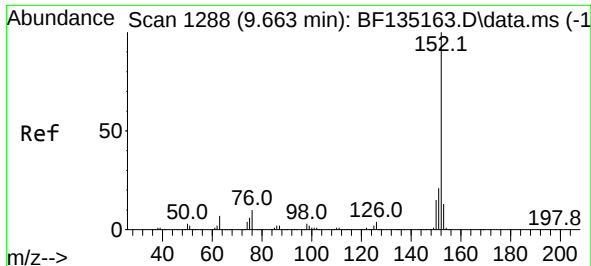
Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Tgt Ion:	65	Resp:	252688
Ion Ratio	Lower	Upper	
65	100		
92	59.9	49.4	74.0
138	89.2	77.4	116.0





#49

Acenaphthylene

Concen: 54.425 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF135316.D

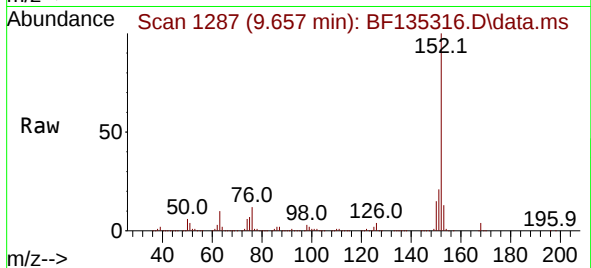
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion:152 Resp: 106243

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.3 10.4 15.6

Manual Integrations

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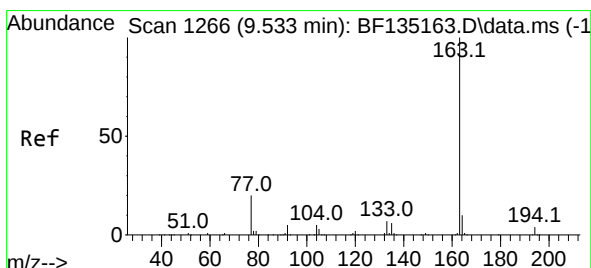
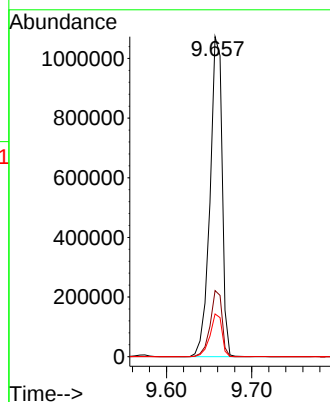
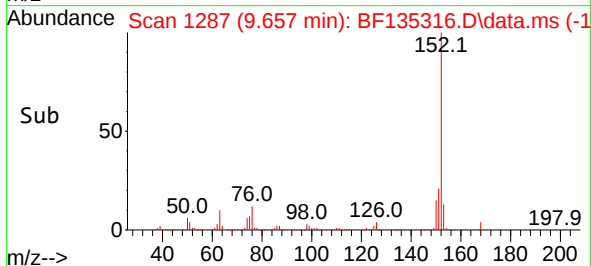
Reviewed By :Yogesh

Patel

09/19/2023

Supervised By :mohammad
ahmed

09/19/2023



#50

Dimethylphthalate

Concen: 53.680 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

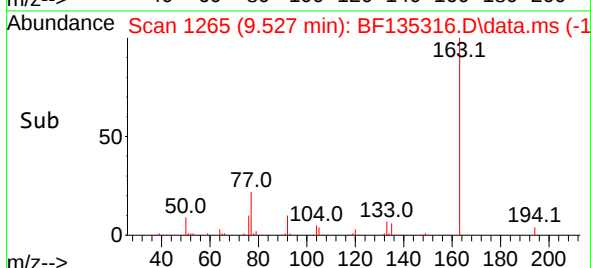
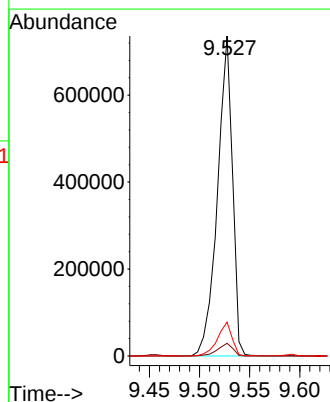
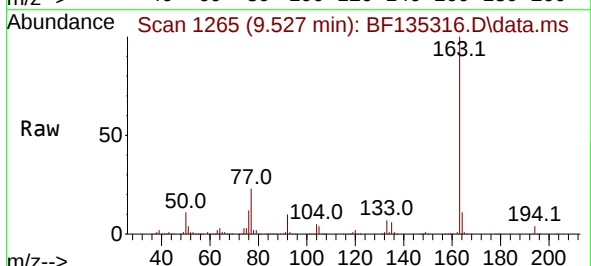
Tgt Ion:163 Resp: 764556

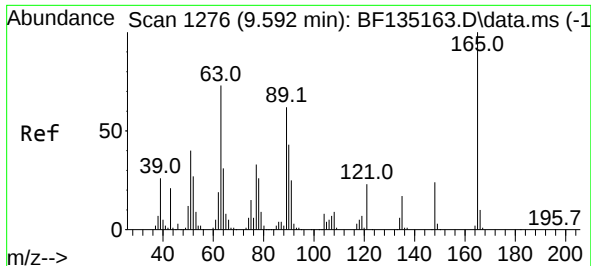
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

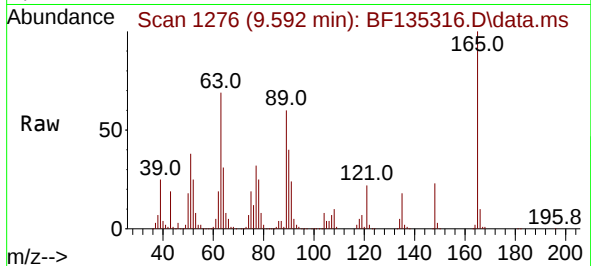
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 52.860 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



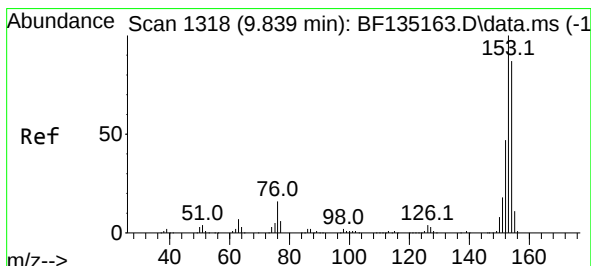
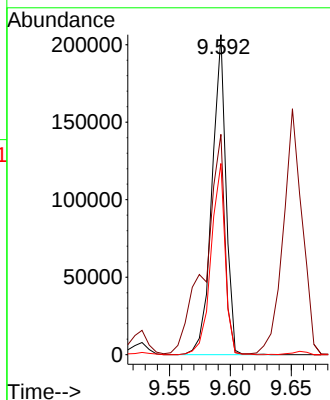
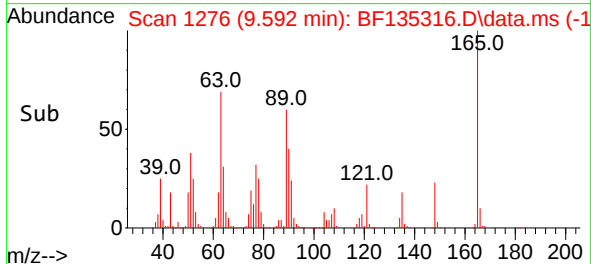
Tgt Ion:165 Resp: 16493
Ion Ratio Lower Upper
165 100
63 68.8 59.4 89.2
89 59.8 49.8 74.8

Manual Integrations
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Reviewed By :Yogesh
Patel

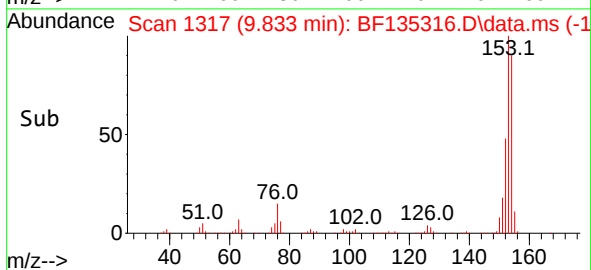
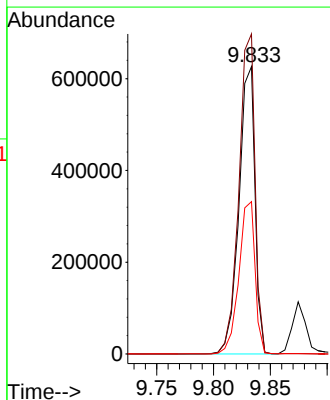
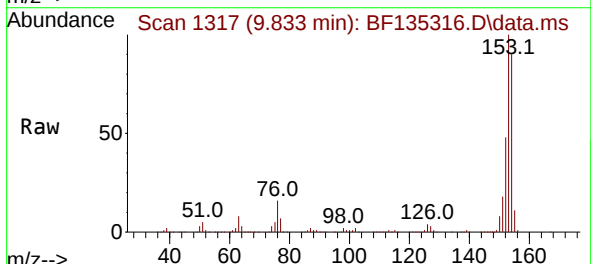
09/19/2023
Supervised By :mohammad
ahmed

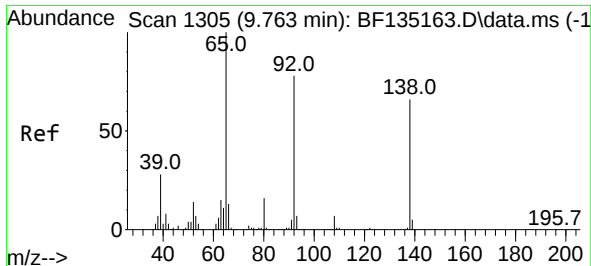
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#52
Acenaphthene
Concen: 53.471 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:154 Resp: 616619
Ion Ratio Lower Upper
154 100
153 111.4 92.1 138.1
152 53.0 43.1 64.7





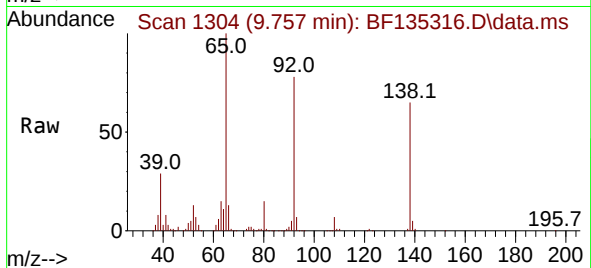
#53
3-Nitroaniline
Concen: 29.767 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion:138 Resp: 109020
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 120.9 95.4 143.0

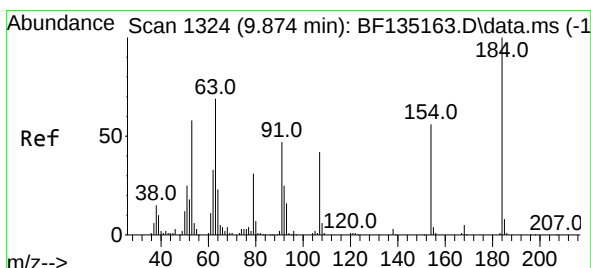
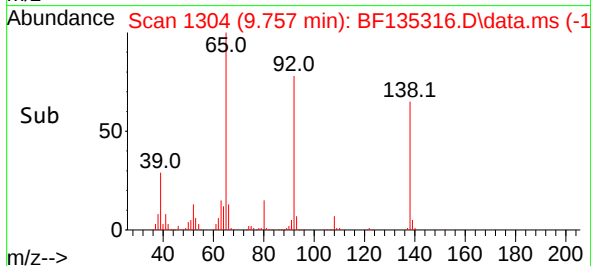
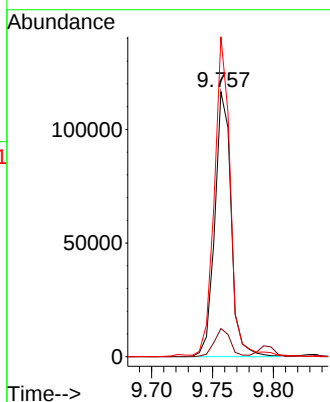
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

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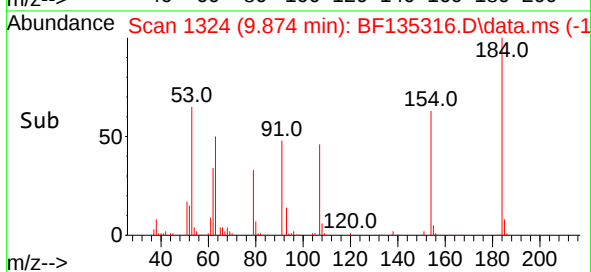
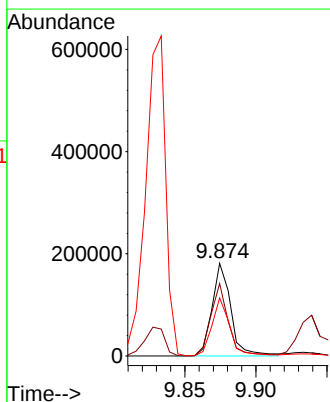
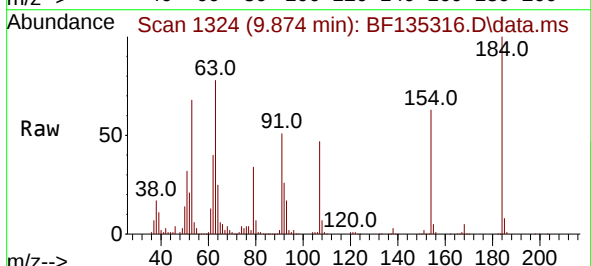
Supervised By :mohammad
ahmed

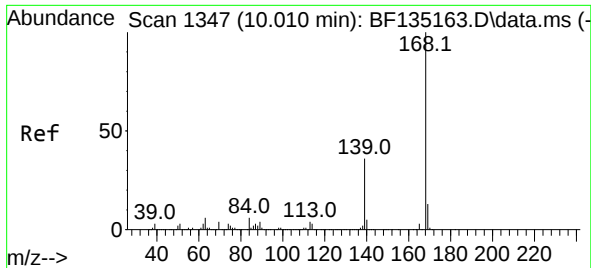
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#54
2,4-Dinitrophenol
Concen: 92.785 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:184 Resp: 166265
Ion Ratio Lower Upper
184 100
63 78.2 55.1 82.7
154 62.7 48.4 72.6





#55
Dibenzenofuran
Concen: 50.842 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:168 Resp: 89469
Ion Ratio Lower Upper
168 100
139 38.7 29.0 43.6
169 13.9 10.4 15.6

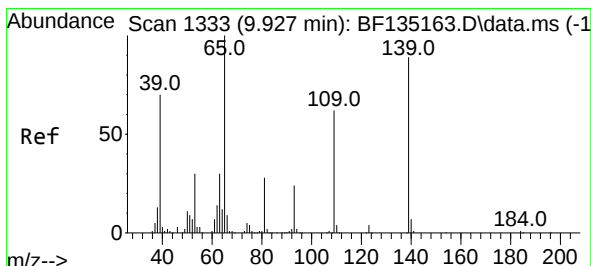
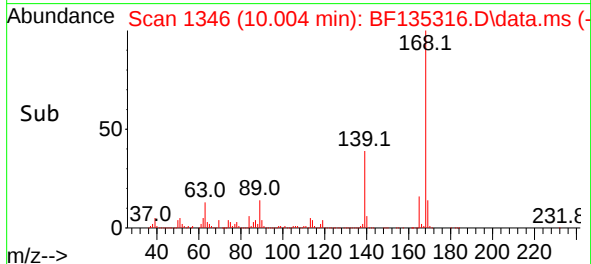
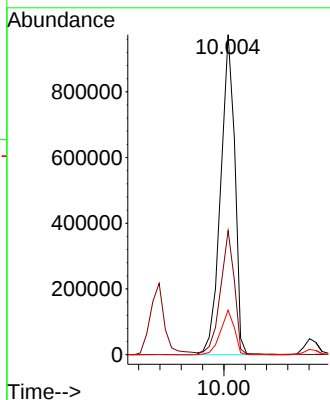
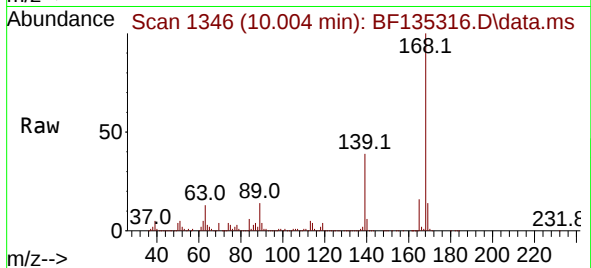
Manual Integrations
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Reviewed By :Yogesh
Patel

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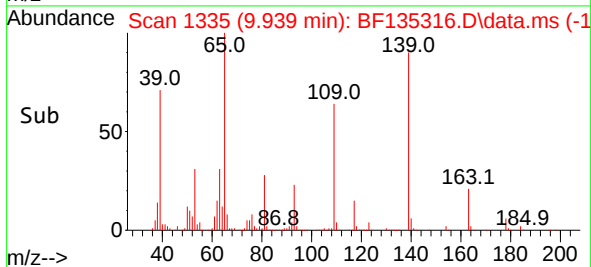
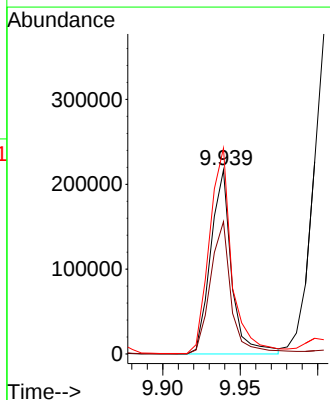
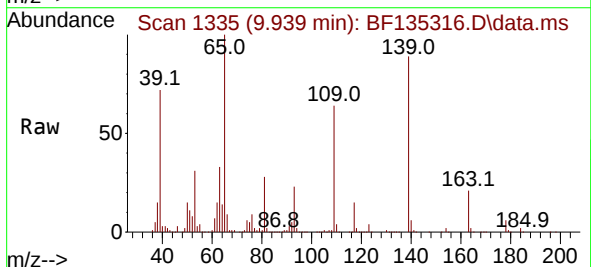
Supervised By :mohammad
ahmed

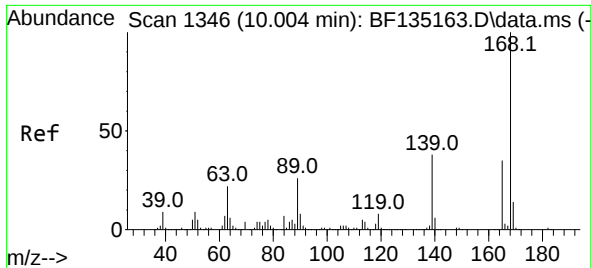
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#56
4-Nitrophenol
Concen: 87.812 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:139 Resp: 204400
Ion Ratio Lower Upper
139 100
109 71.9 49.8 89.8
65 111.8 92.7 132.7





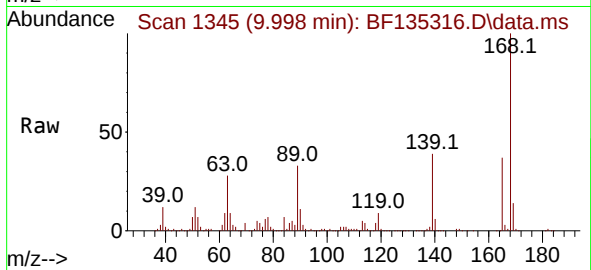
#57
2,4-Dinitrotoluene
Concen: 49.935 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion:165 Resp: 195052
Ion Ratio Lower Upper
165 100
63 76.4 50.1 75.1
89 88.5 59.3 88.9
182 2.7 2.3 3.5

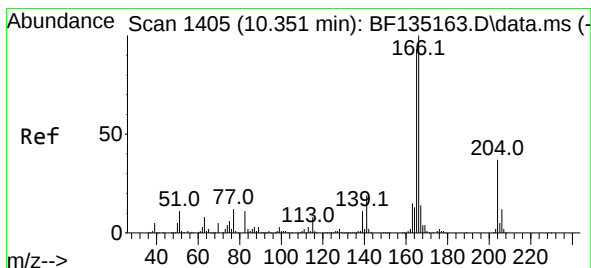
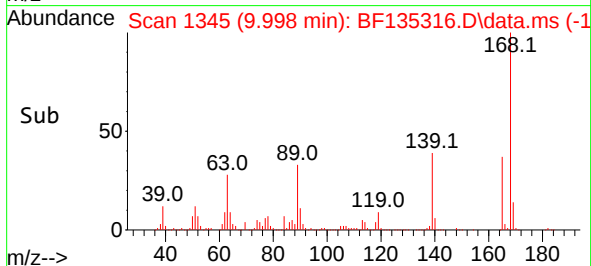
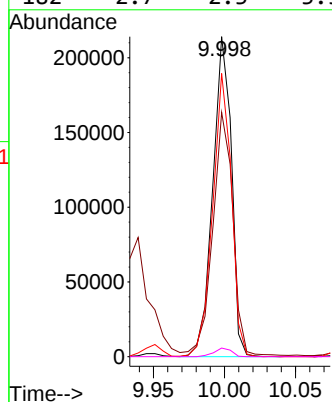
Manual Integrations
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Reviewed By :Yogesh
Patel

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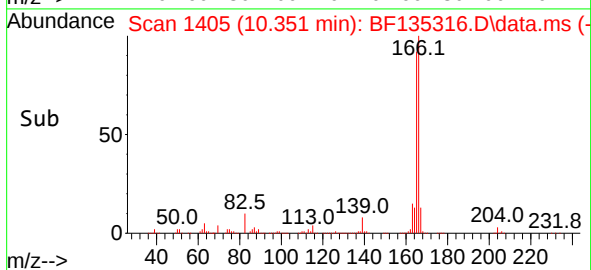
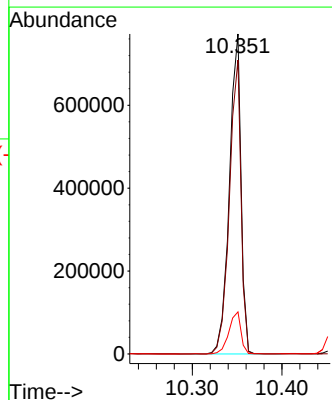
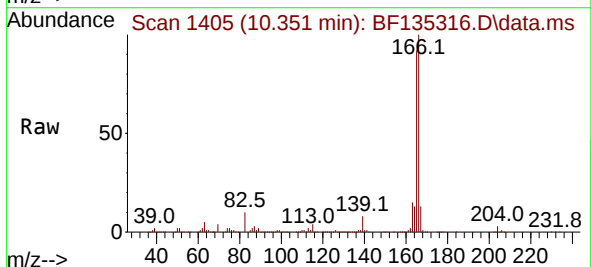
Supervised By :mohammad
ahmed

09/19/2023



#58
Fluorene
Concen: 51.426 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

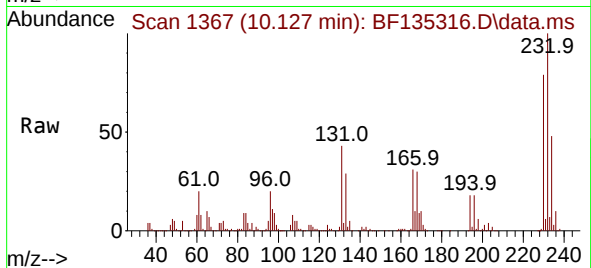
Tgt Ion:166 Resp: 695708
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.793 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



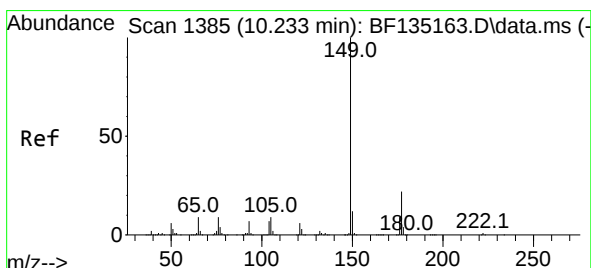
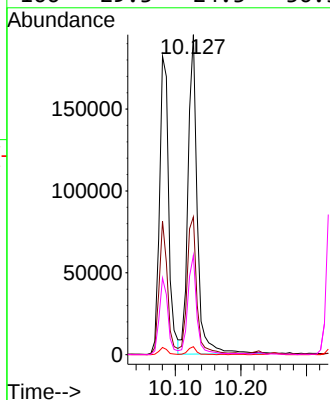
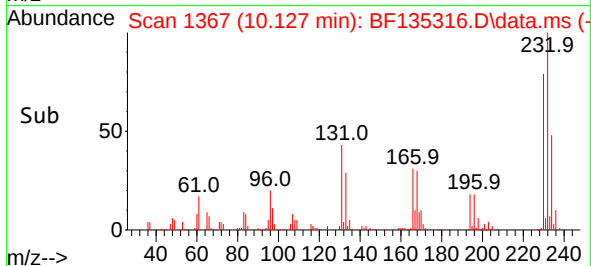
Tgt Ion:232 Resp: 190419
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.2
130 2.4 1.8 2.8
166 29.3 24.3 36.5

Manual Integrations
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Reviewed By :Yogesh
Patel

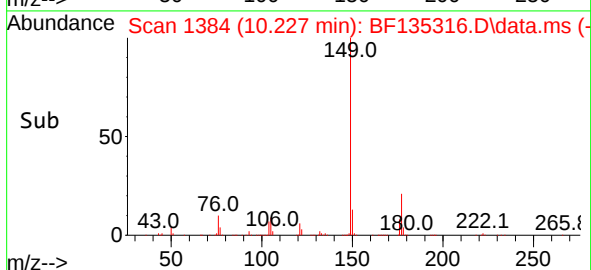
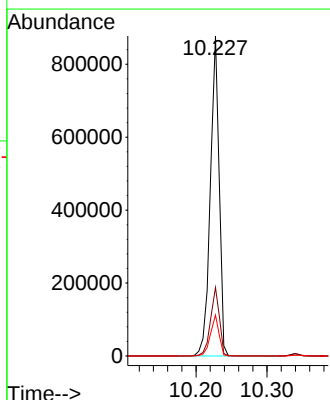
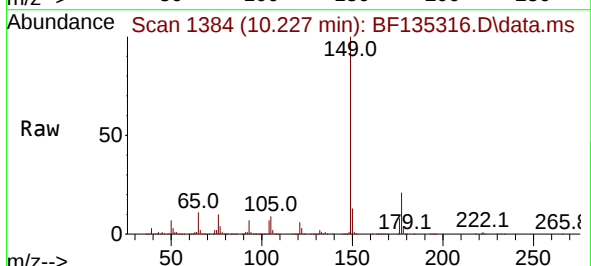
09/19/2023
Supervised By :mohammad
ahmed

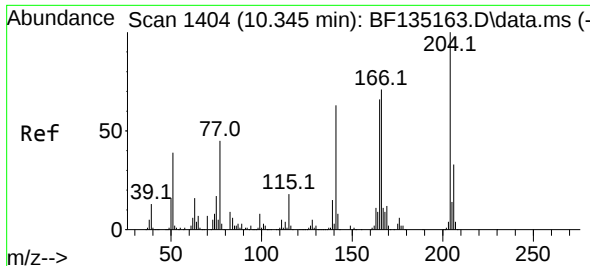
09/19/2023



#60
Diethylphthalate
Concen: 53.218 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

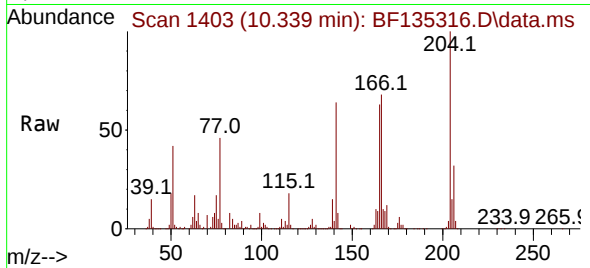
Tgt Ion:149 Resp: 760696
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 50.176 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



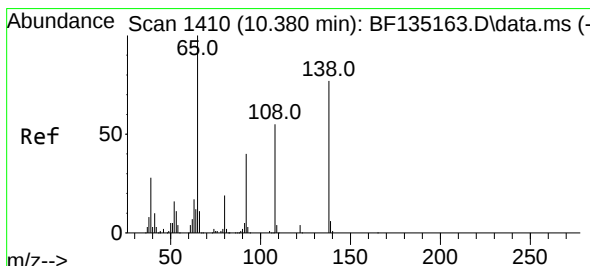
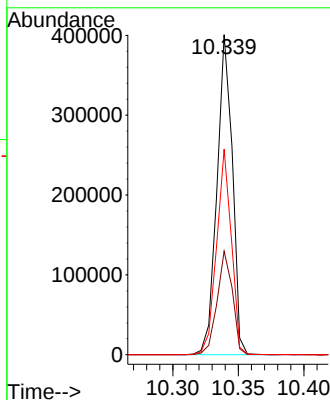
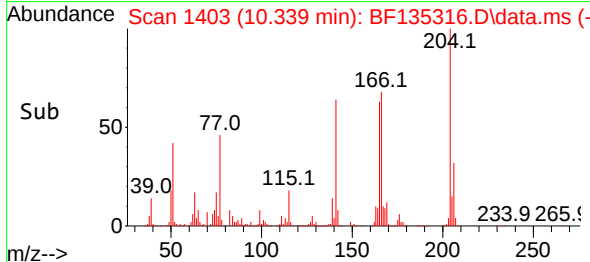
Tgt Ion:204 Resp: 32607
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 64.2 50.6 75.8

Manual Integrations
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Reviewed By :Yogesh
Patel

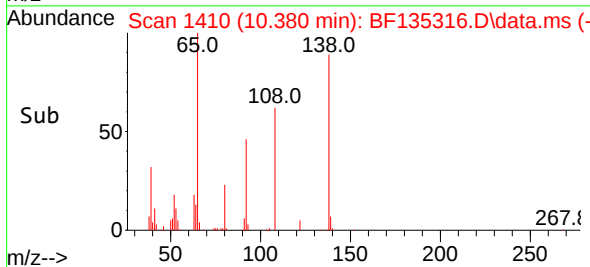
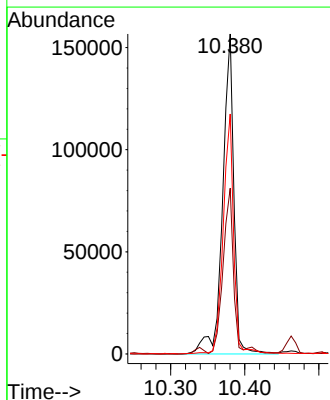
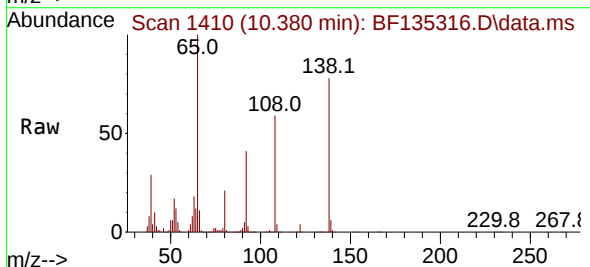
09/19/2023
Supervised By :mohammad
ahmed

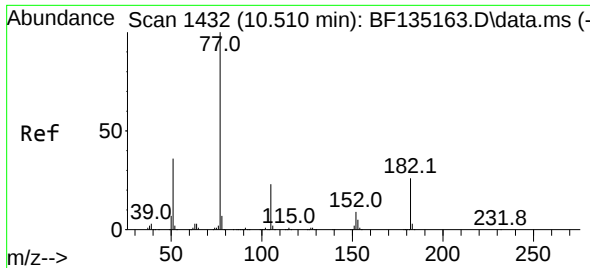
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#62
4-Nitroaniline
Concen: 47.159 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

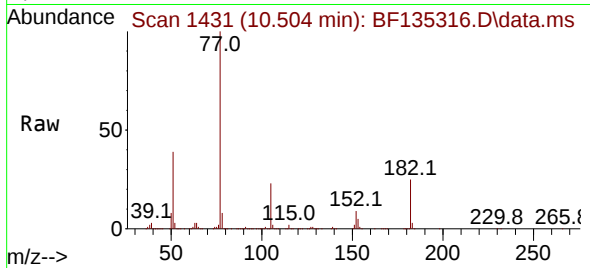
Tgt Ion:138 Resp: 166027
Ion Ratio Lower Upper
138 100
92 51.8 31.8 71.8
108 75.0 52.0 92.0





#63
Azobenzene
Concen: 52.711 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



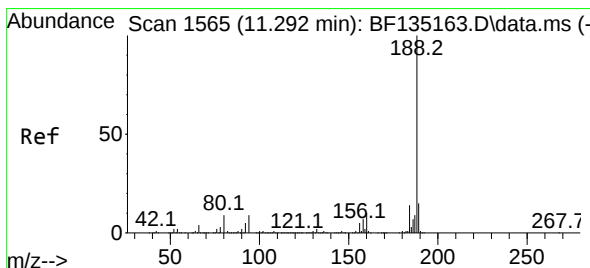
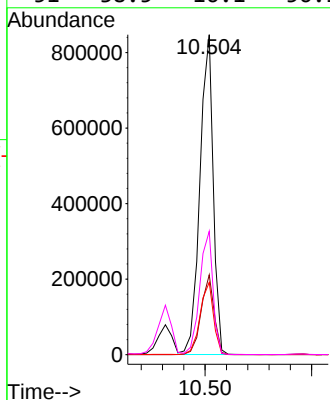
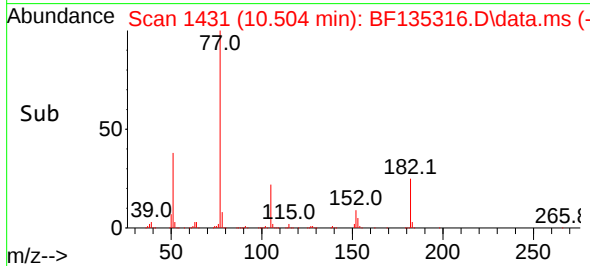
Tgt Ion: 77 Resp: 73739
Ion Ratio Lower Upper
77 100
182 25.0 6.4 46.4
105 22.6 3.1 43.1
51 38.5 16.1 56.1

Manual Integrations
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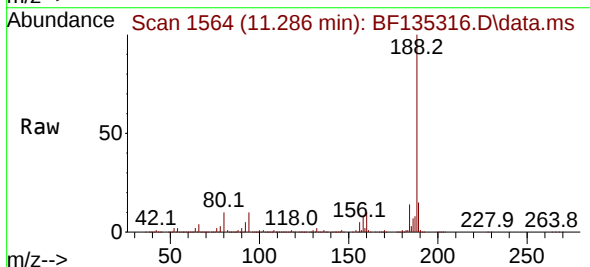
Reviewed By :Yogesh
Patel

09/19/2023
Supervised By :mohammad
ahmed

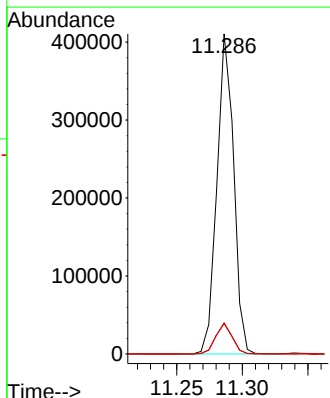
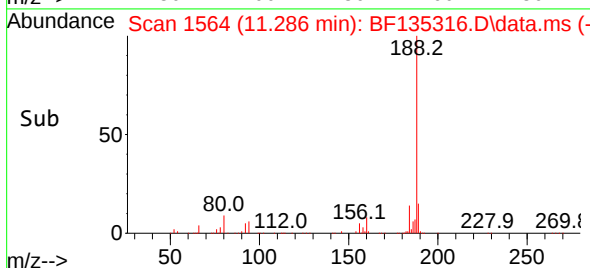
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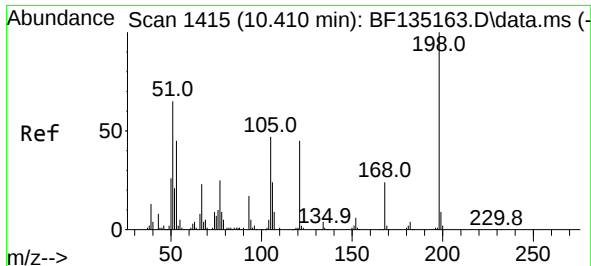


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17



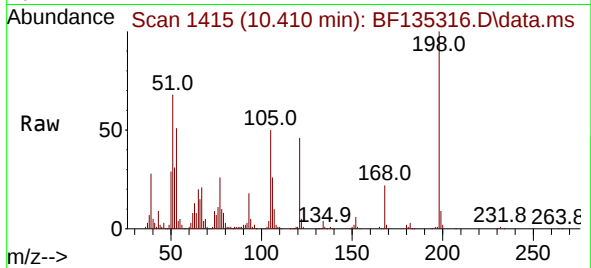
Tgt Ion:188 Resp: 363910
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.8 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.124 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



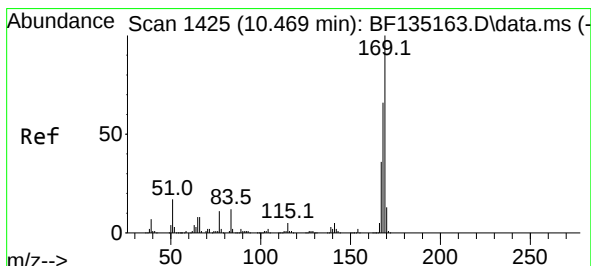
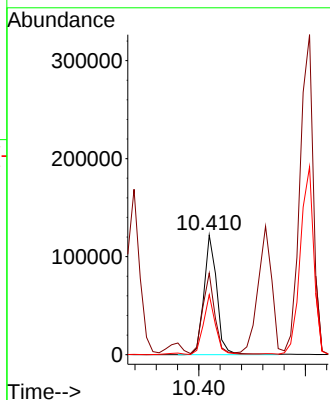
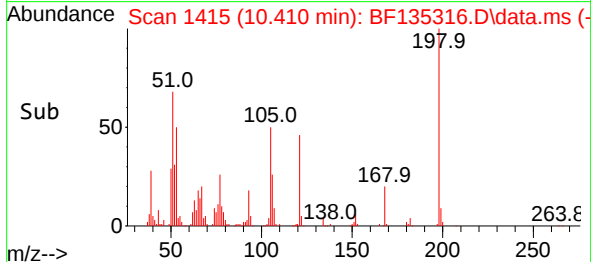
Tgt Ion:198 Resp: 102681
Ion Ratio Lower Upper
198 100
51 68.1 47.7 87.7
105 50.1 27.4 67.4

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Reviewed By :Yogesh
Patel

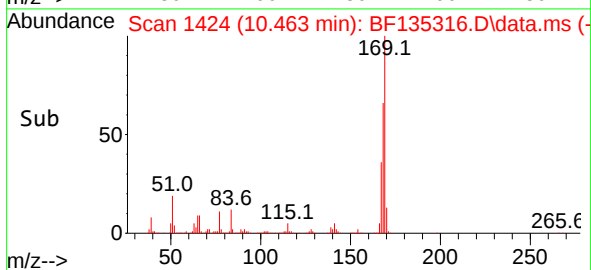
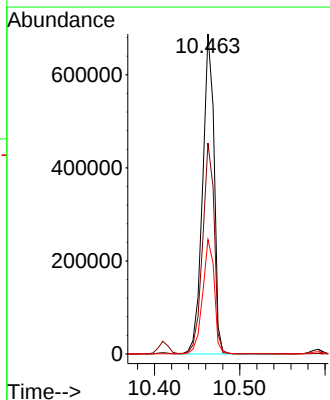
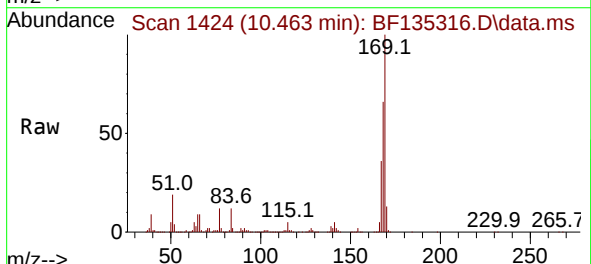
09/19/2023
Supervised By :mohammad
ahmed

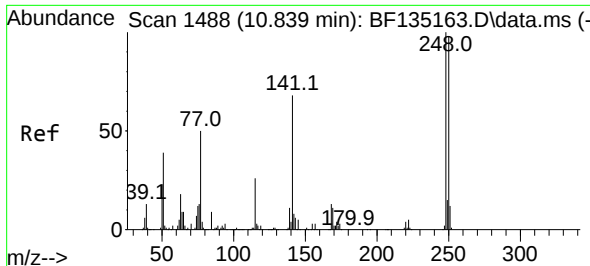
09/19/2023



#66
n-Nitrosodiphenylamine
Concen: 58.449 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

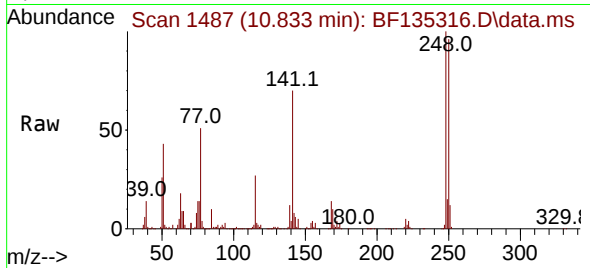
Tgt Ion:169 Resp: 643942
Ion Ratio Lower Upper
169 100
168 65.9 52.8 79.2
167 35.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 56.646 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



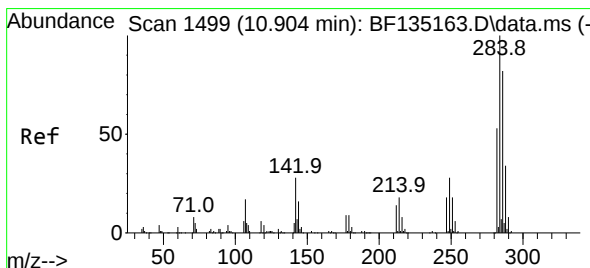
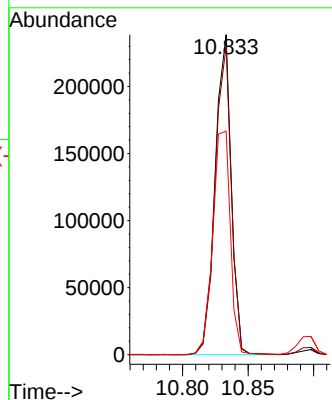
Tgt Ion:248 Resp: 205020
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 69.9 54.2 81.2

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Reviewed By :Yogesh
Patel

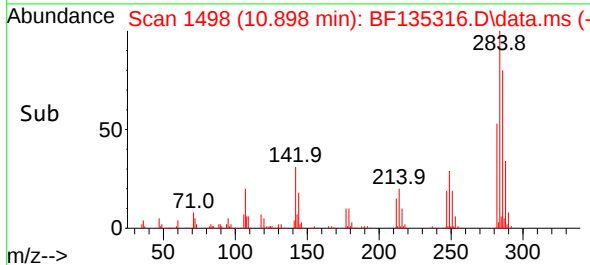
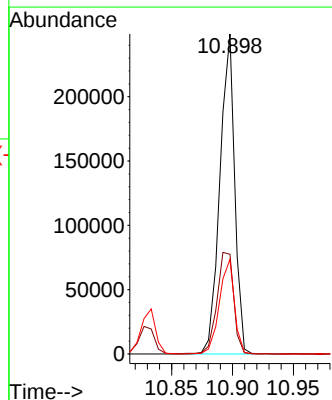
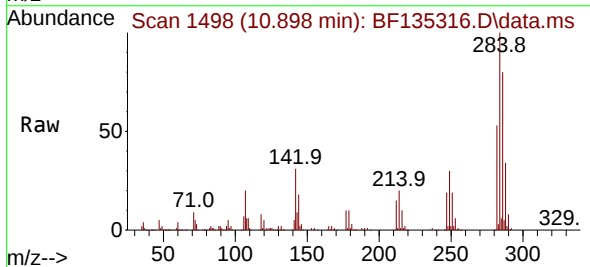
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Supervised By :mohammad
ahmed

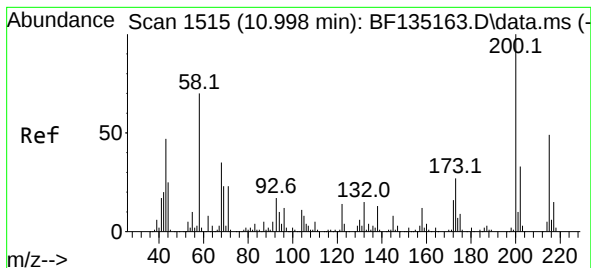
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#68
Hexachlorobenzene
Concen: 57.151 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:284 Resp: 210734
Ion Ratio Lower Upper
284 100
142 31.1 22.2 33.4
249 29.6 22.5 33.7





#69

Atrazine

Concen: 60.823 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:200	Resp: 18030
Ion Ratio	Lower Upper
200 100	
173 27.7	7.4 47.4
215 48.8	28.6 68.6

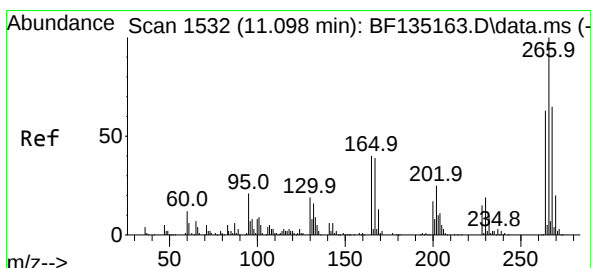
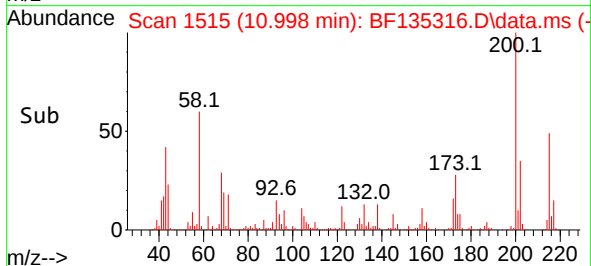
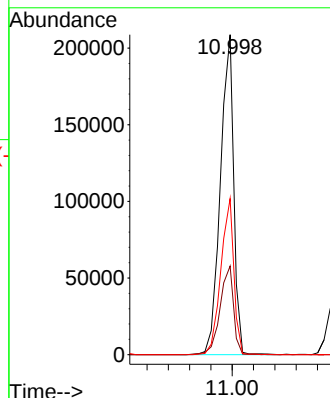
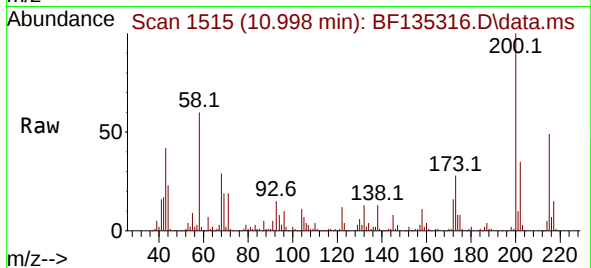
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/19/2023

Supervised By :mohammad
ahmed

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#70

Pentachlorophenol

Concen: 94.493 ng

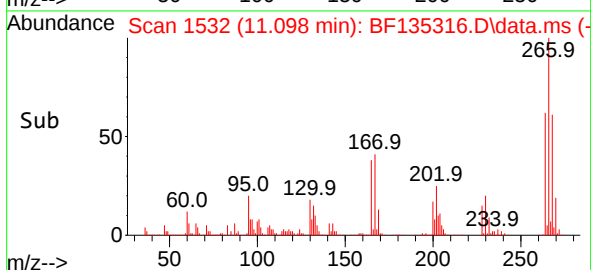
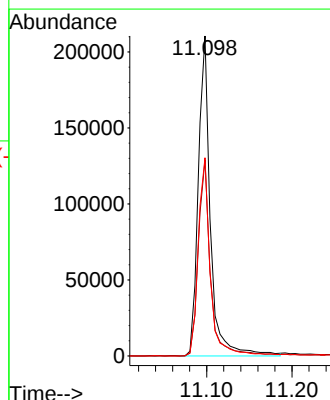
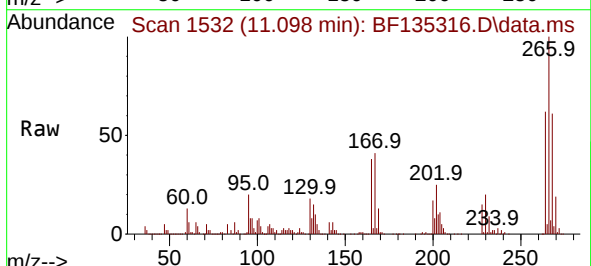
RT: 11.098 min Scan# 1532

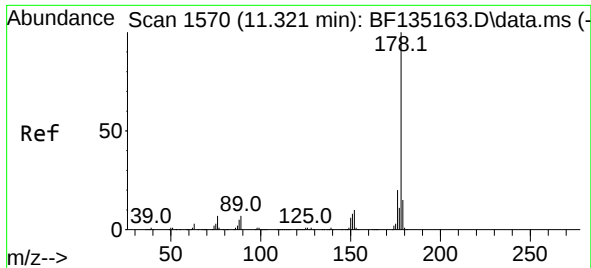
Delta R.T. 0.000 min

Lab File: BF135316.D

Acq: 18 Sep 2023 20:17

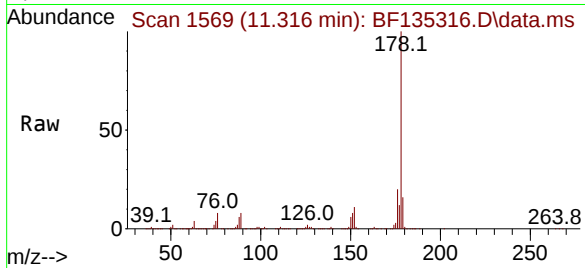
Tgt Ion:266	Resp: 208461
Ion Ratio	Lower Upper
266 100	
268 61.3	52.1 78.1
264 62.0	50.8 76.2





#71
Phenanthrene
Concen: 53.252 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



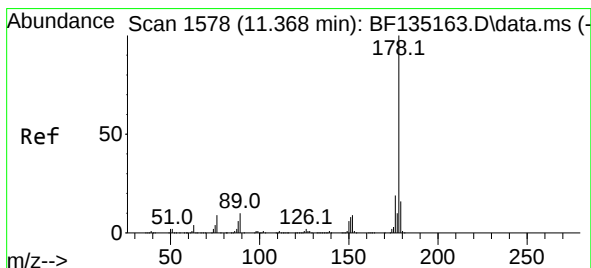
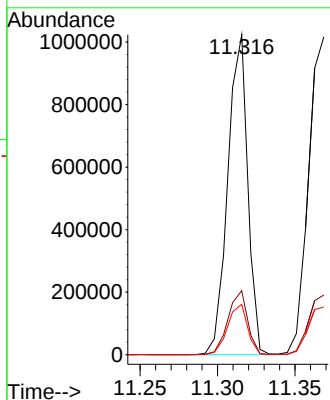
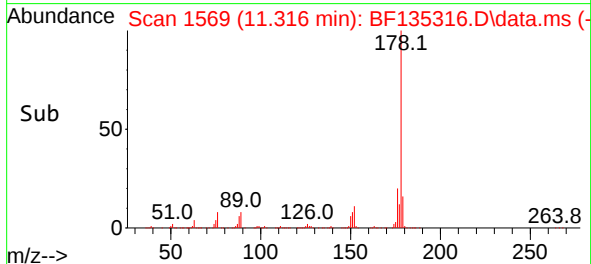
Tgt Ion:178 Resp: 916548
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 15.7 12.0 18.0

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Reviewed By :Yogesh
Patel

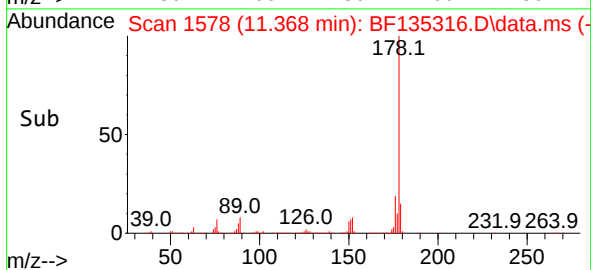
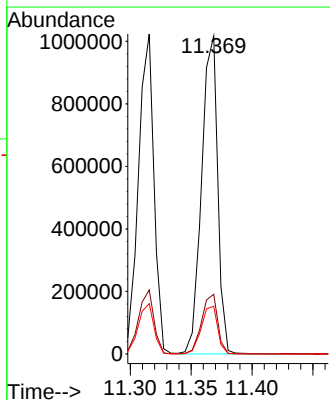
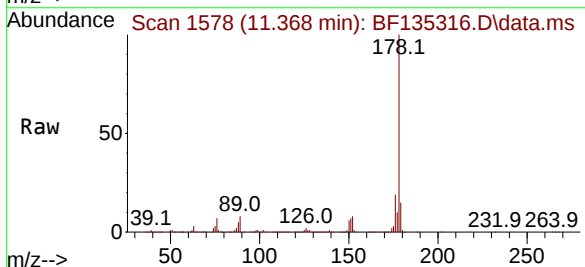
09/19/2023
Supervised By :mohammad
ahmed

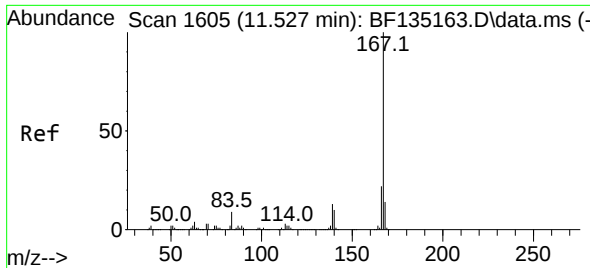
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#72
Anthracene
Concen: 52.796 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

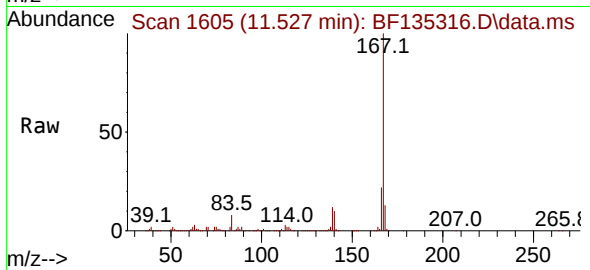
Tgt Ion:178 Resp: 934035
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.0 12.6 19.0





#73
 Carbazole
 Concen: 50.850 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135316.D
 Acq: 18 Sep 2023 20:17

Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD



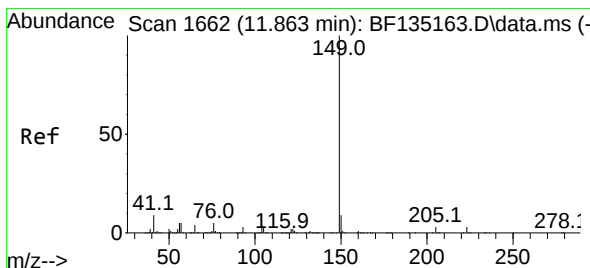
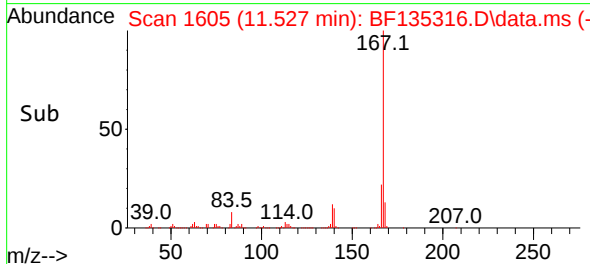
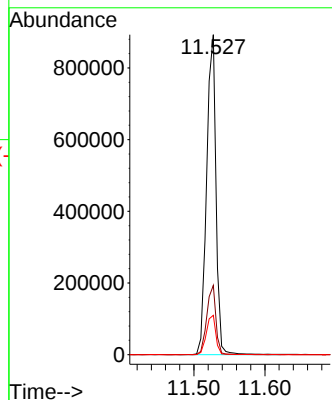
Tgt Ion:167 Resp: 818934
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.3 10.6 15.8

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Reviewed By :Yogesh
 Patel

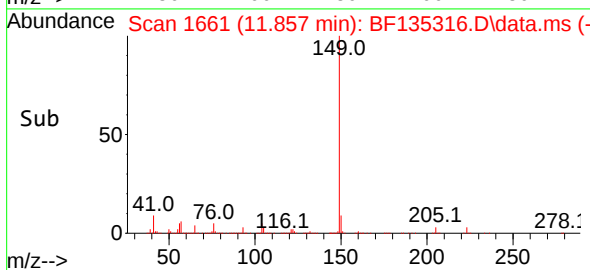
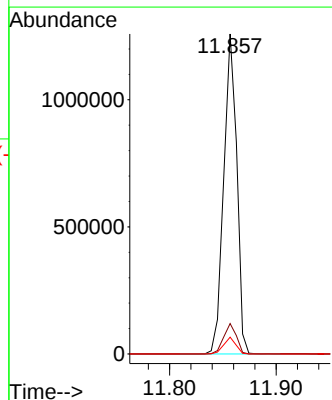
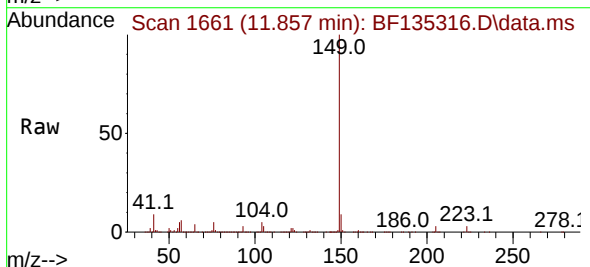
09/19/2023
 Supervised By :mohammad
 ahmed

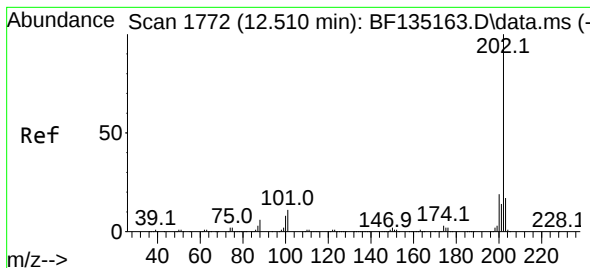
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#74
 Di-n-butylphthalate
 Concen: 56.163 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135316.D
 Acq: 18 Sep 2023 20:17

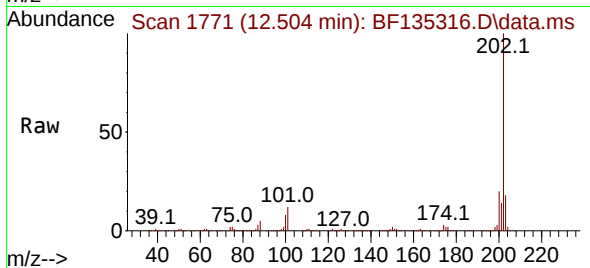
Tgt Ion:149 Resp: 1065807
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.2 3.6 5.4





#75
Fluoranthene
Concen: 45.008 ng
RT: 12.504 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



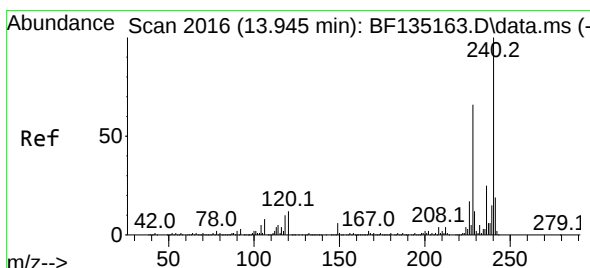
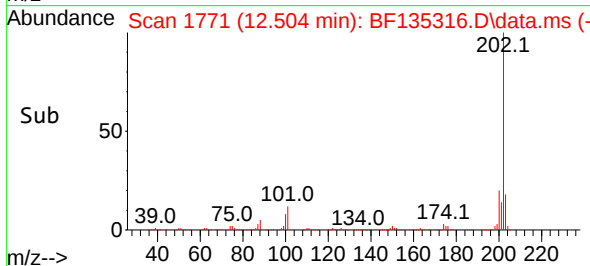
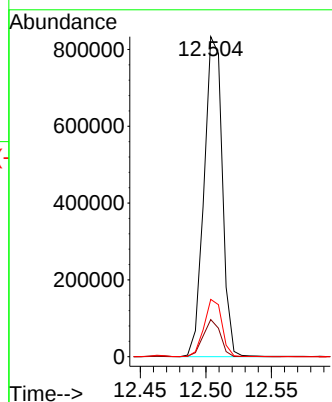
Tgt Ion:202 Resp: 807180
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.3
203 17.9 0.0 37.4

Manual Integrations
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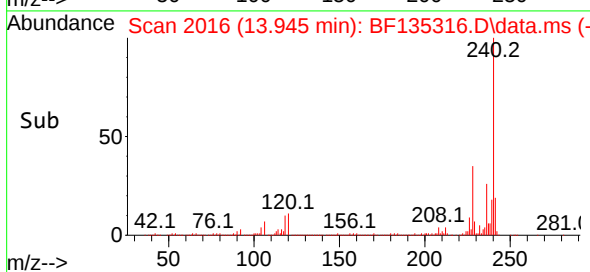
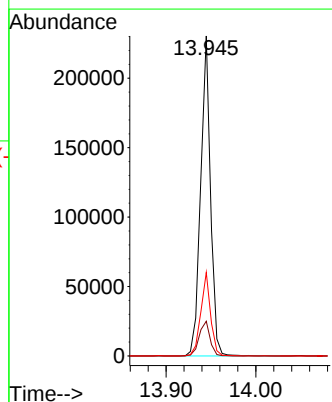
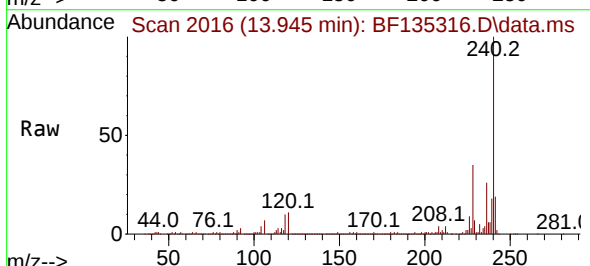
09/19/2023
Supervised By :mohammad
ahmed

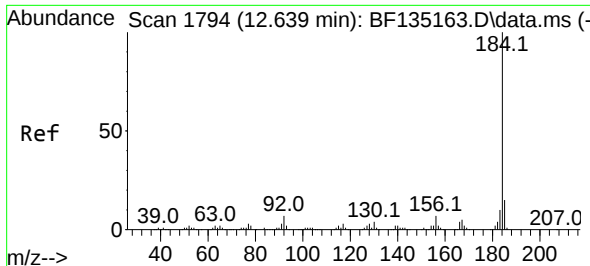
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

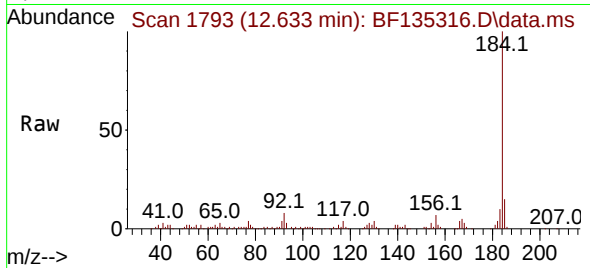
Tgt Ion:240 Resp: 176001
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.1 19.8 29.8





#77
Benzidine
Concen: 20.368 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



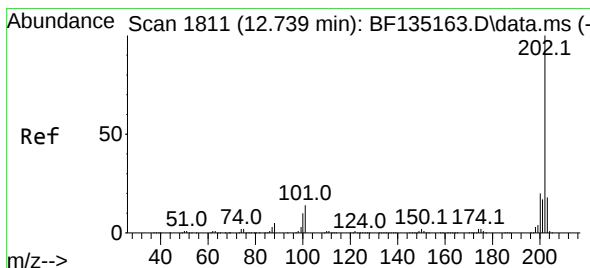
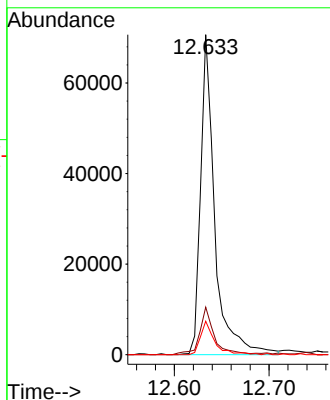
Tgt Ion:184 Resp: 73440
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 10.5 8.2 12.4

Manual Integrations
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Reviewed By :Yogesh
Patel

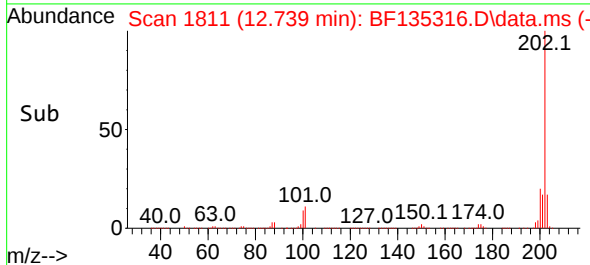
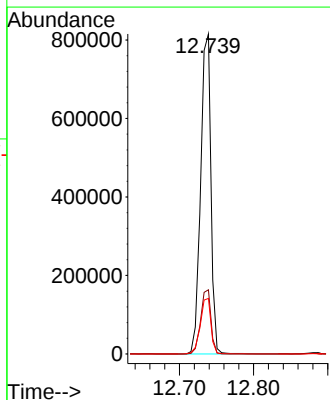
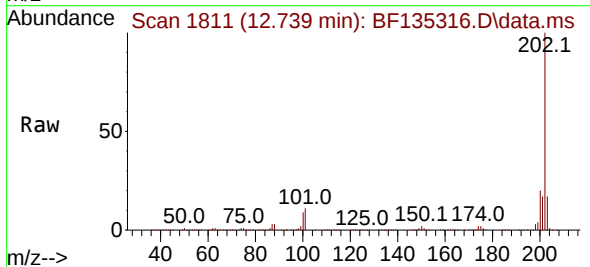
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Supervised By :mohammad
ahmed

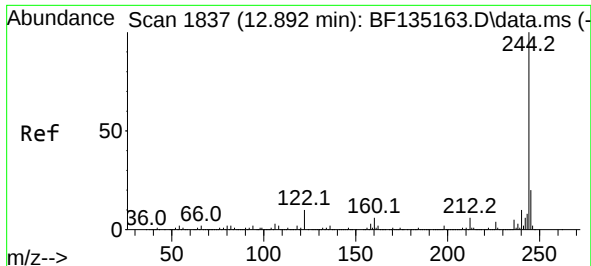
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#78
Pyrene
Concen: 47.093 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:202 Resp: 789116
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.4 14.2 21.4





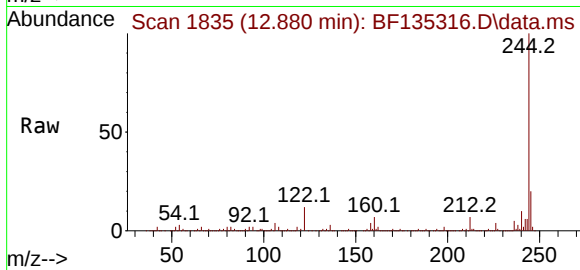
#79
 Terphenyl-d14
 Concen: 86.712 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135316.D
 Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion:244 Resp: 98448
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 12.1 7.9 11.9

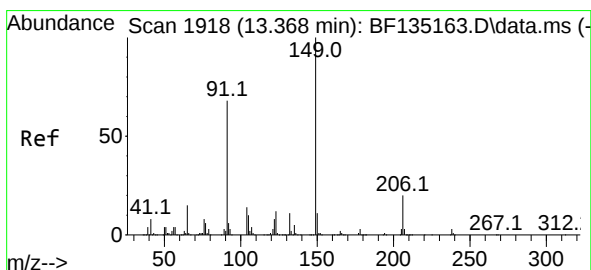
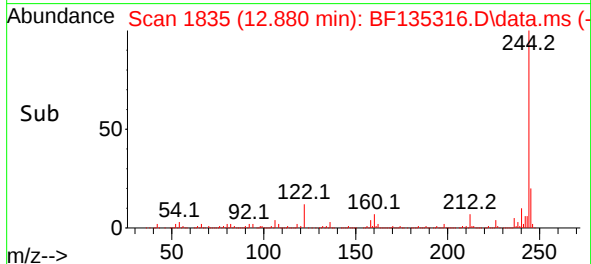
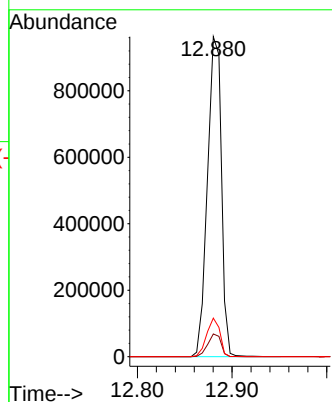
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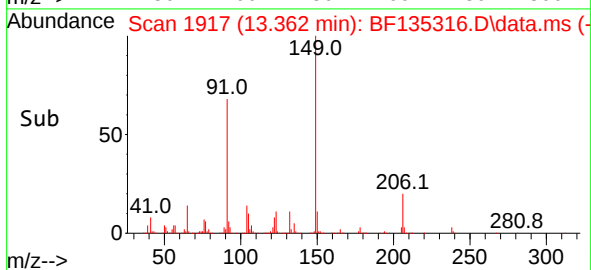
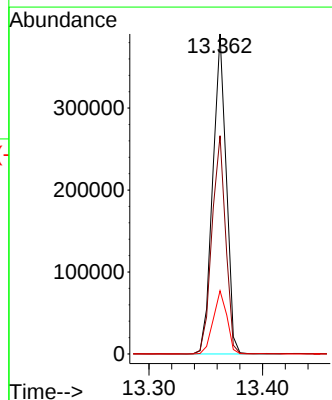
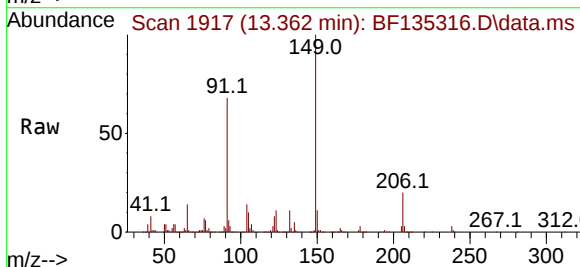
Supervised By :mohammad
 ahmed

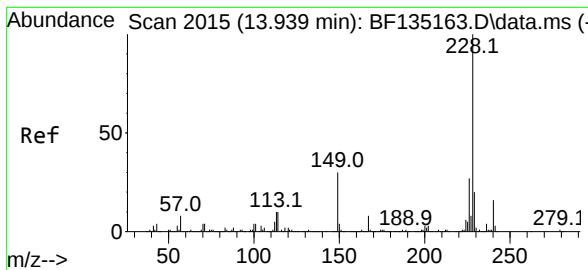
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#80
 Butylbenzylphthalate
 Concen: 54.528 ng
 RT: 13.362 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135316.D
 Acq: 18 Sep 2023 20:17

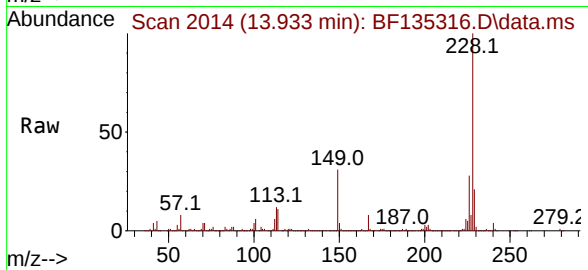
Tgt Ion:149 Resp: 321701
 Ion Ratio Lower Upper
 149 100
 91 68.2 54.7 82.1
 206 19.8 16.3 24.5





#81
Benzo(a)anthracene
Concen: 53.702 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



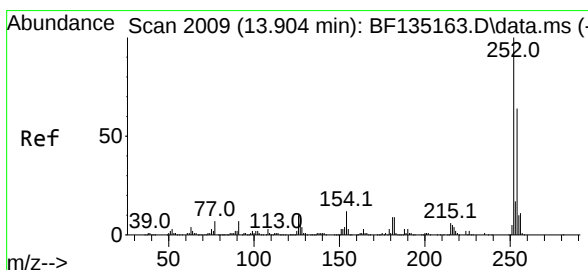
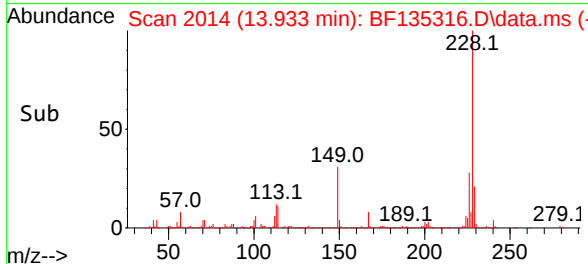
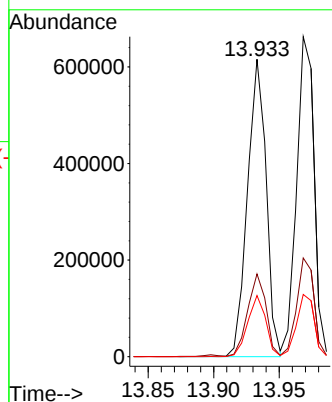
Tgt Ion:228 Resp: 610312
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.6 15.8 23.8

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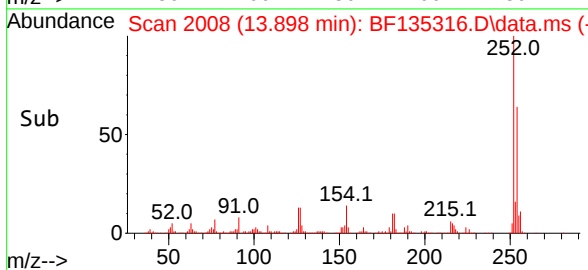
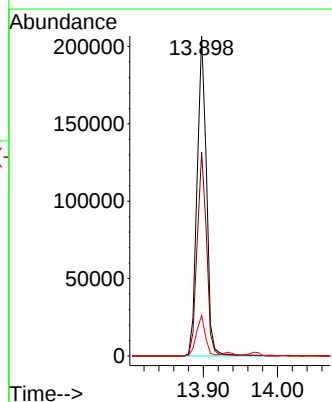
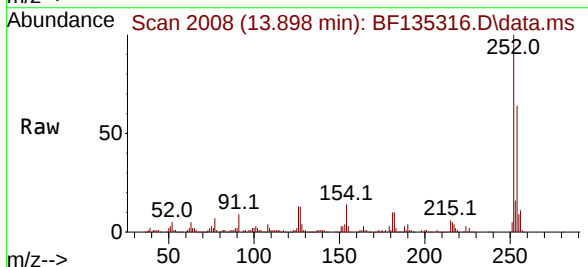
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ahmed

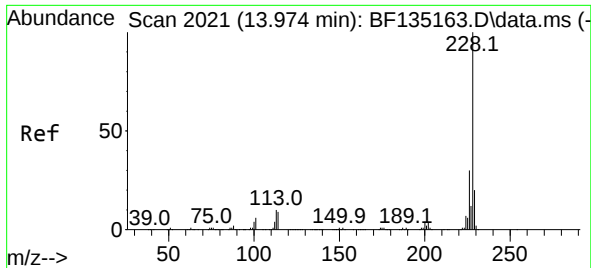
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#82
3,3'-Dichlorobenzidine
Concen: 51.146 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

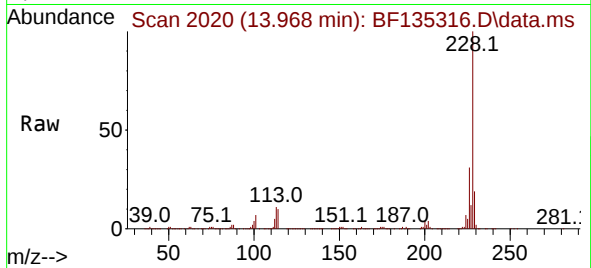
Tgt Ion:252 Resp: 181561
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.4
126 12.7 7.8 11.8#





#83
Chrysene
Concen: 54.392 ng
RT: 13.968 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



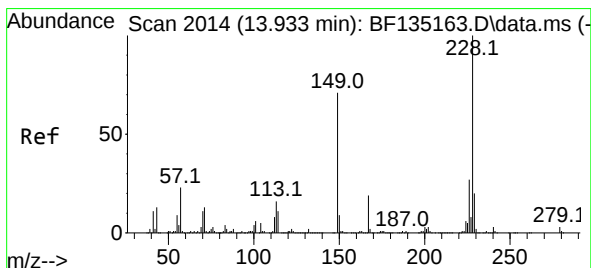
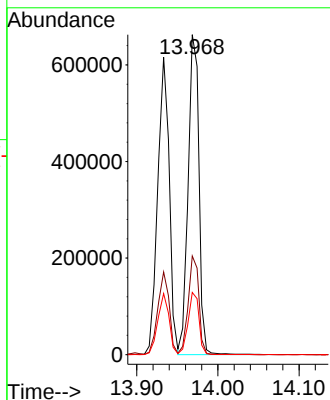
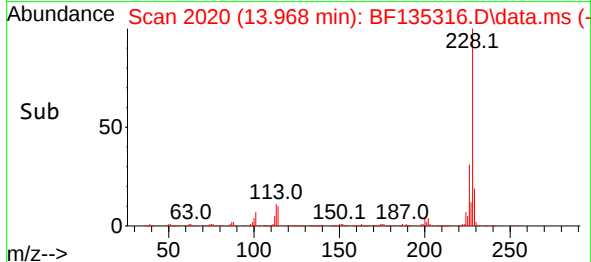
Tgt Ion:228 Resp: 61459
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.4 16.0 24.0

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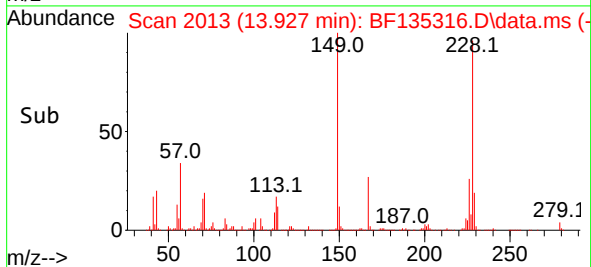
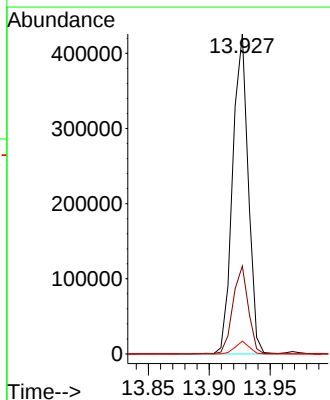
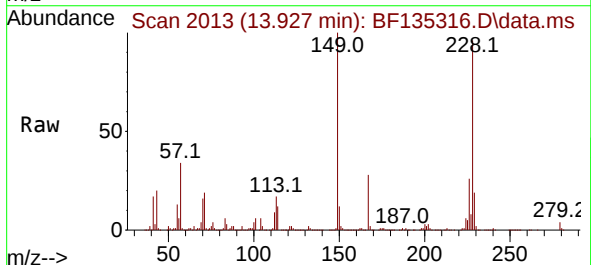
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Supervised By :mohammad
ahmed

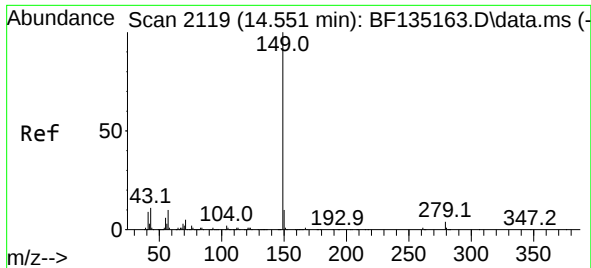
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#84
Bis(2-ethylhexyl)phthalate
Concen: 62.560 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

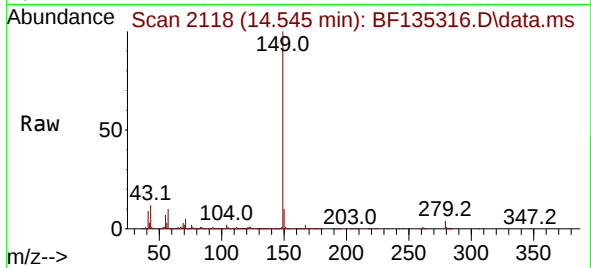
Tgt Ion:149 Resp: 378748
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 72.941 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



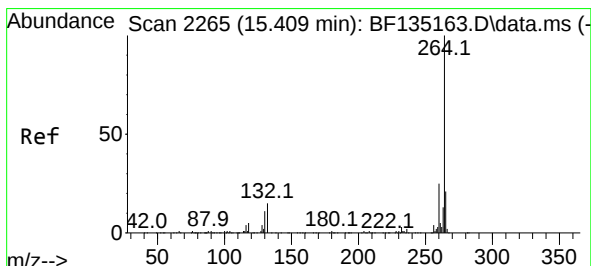
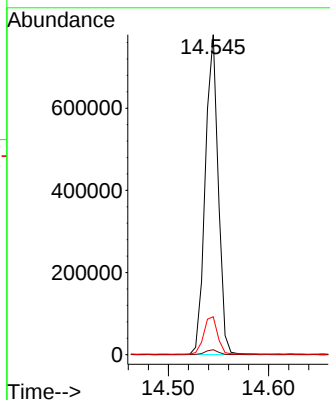
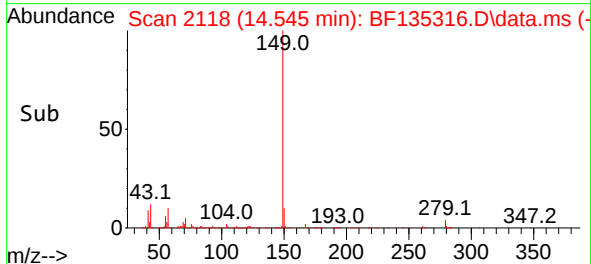
Tgt Ion:149 Resp: 701782
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 12.5 9.8 14.6

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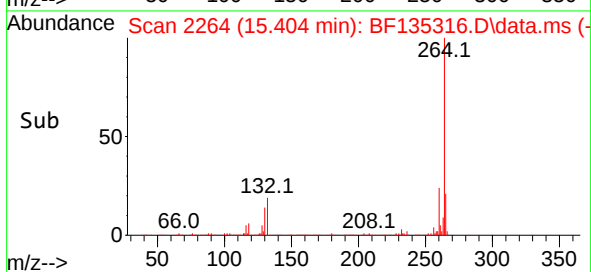
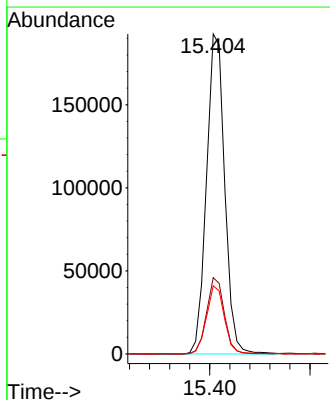
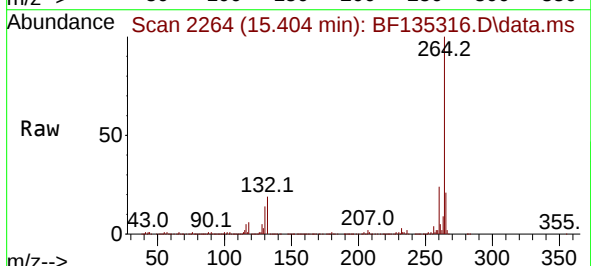
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Supervised By :mohammad
ahmed

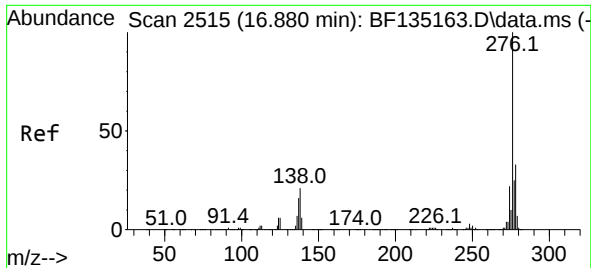
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:264 Resp: 243518
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.6
265 21.3 17.0 25.4





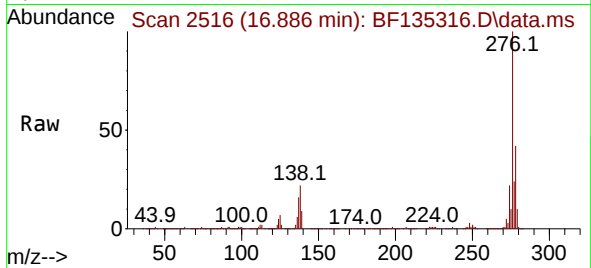
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.557 ng
RT: 16.886 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:276 Resp: 66352
Ion Ratio Lower Upper
276 100
138 24.7 19.2 28.8
277 24.8 19.7 29.5

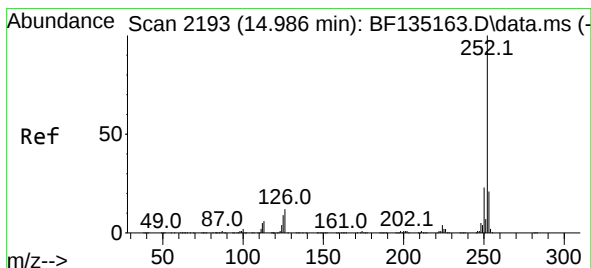
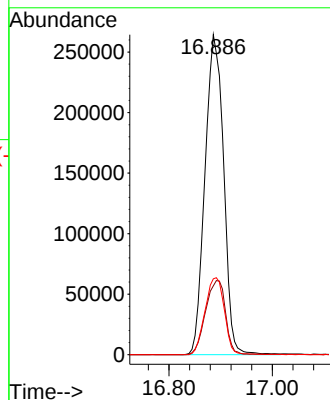
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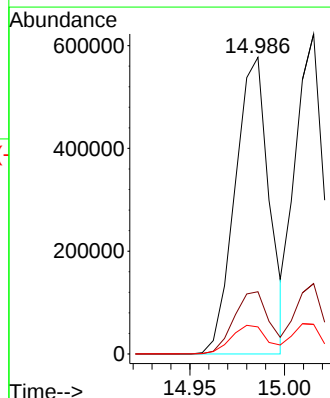
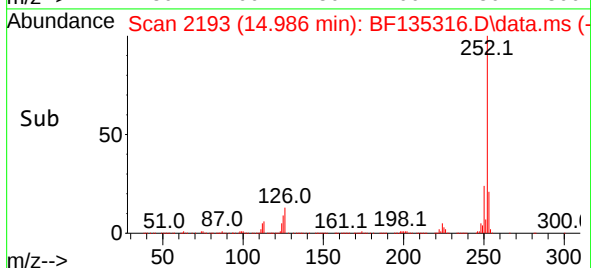
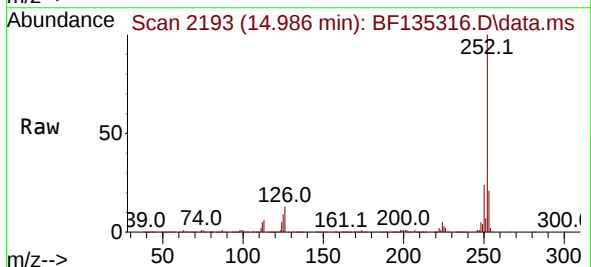
Supervised By :mohammad
ahmed

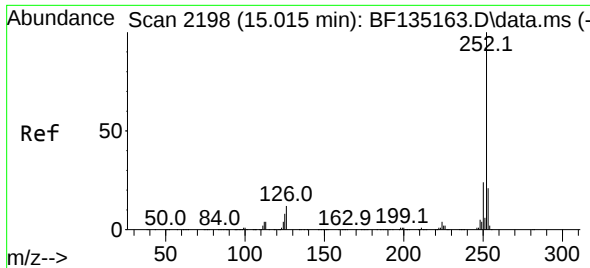
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#88
Benzo(b)fluoranthene
Concen: 55.024 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:252 Resp: 725352
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 9.1 7.1 10.7





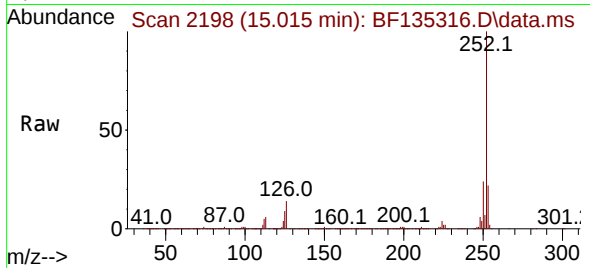
#89
Benzo(k)fluoranthene
Concen: 49.482 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion:252 Resp: 644354
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.2 7.2 10.8

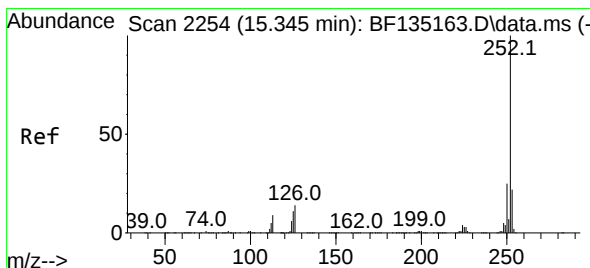
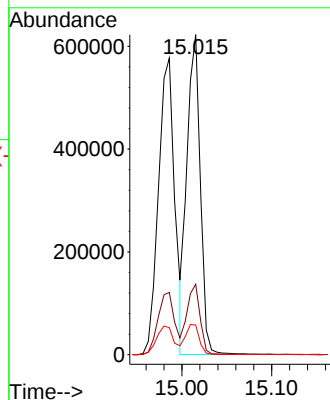
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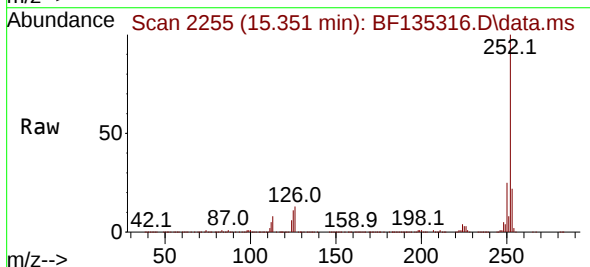
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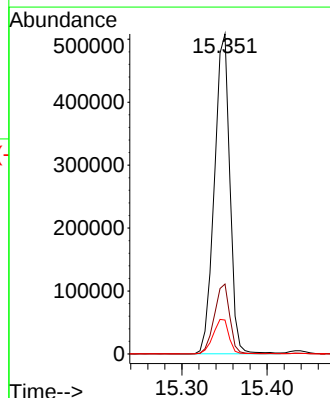
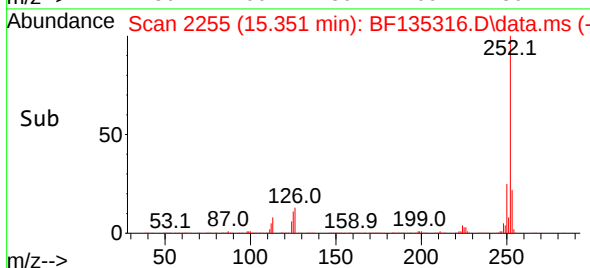
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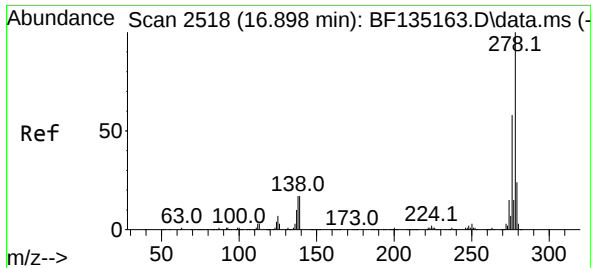


#90
Benzo(a)pyrene
Concen: 51.050 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17



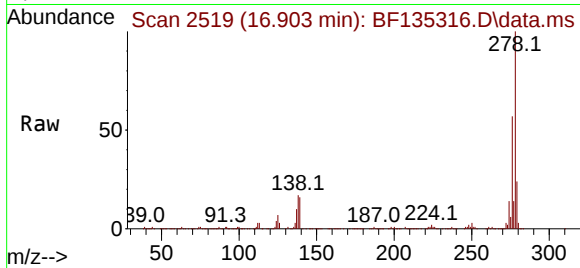
Tgt Ion:252 Resp: 641766
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.6 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 42.828 ng
RT: 16.903 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Instrument :
BNA_F
ClientSampleId :
72-11930MSD



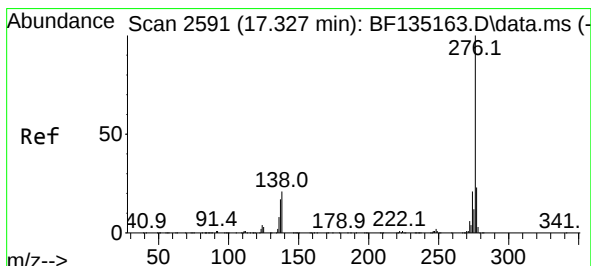
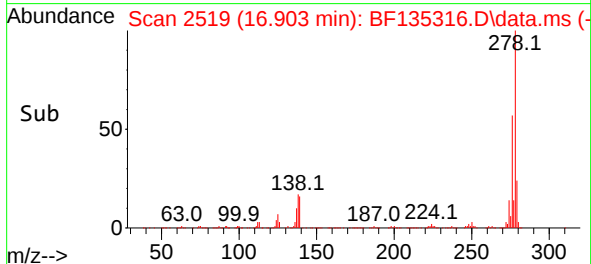
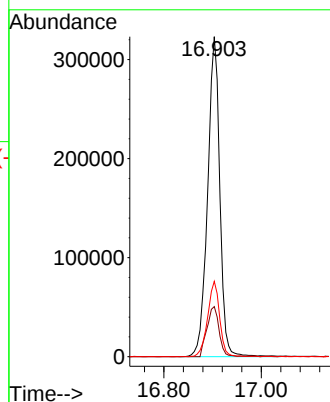
Tgt Ion:278 Resp: 55951
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.0
279 23.5 19.0 28.6

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ahmed

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#92
Benzo(g,h,i)perylene
Concen: 35.675 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135316.D
Acq: 18 Sep 2023 20:17

Tgt Ion:276 Resp: 486739
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 22.1 16.9 25.3

