

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133719.D
 Acq On : 12 Jun 2023 23:24
 Operator : CG\JU
 Sample : 03044-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-5-7.0MSD

Quant Time: Jun 13 00:54:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 16:32:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

06/13/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	71890	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	258084	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	115245	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	212535	20.000	ng	0.00
76) Chrysene-d12	14.015	240	111958	20.000	ng	0.00
86) Perylene-d12	15.474	264	95511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	452044	109.468	ng	0.01
7) Phenol-d6	6.469	99	531034	98.794	ng	0.00
23) Nitrobenzene-d5	7.398	82	352851	74.467	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	136390	93.495	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	588485	72.588	ng	0.00
79) Terphenyl-d14	12.951	244	539455	74.557	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	75378	41.520	ng	95
3) Pyridine	3.363	79	192969	36.467	ng	93
4) n-Nitrosodimethylamine	3.316	42	142467	48.707	ng	91
6) Aniline	6.492	93	133142	19.666	ng	95
8) 2-Chlorophenol	6.616	128	203036	46.655	ng	100
9) Benzaldehyde	6.381	77	115740	32.455	ng	94
10) Phenol	6.481	94	239830	42.729	ng	92
11) bis(2-Chloroethyl)ether	6.569	93	186790	44.828	ng	94
12) 1,3-Dichlorobenzene	6.775	146	220806	47.489	ng	97
13) 1,4-Dichlorobenzene	6.851	146	224435	47.757	ng	98
14) 1,2-Dichlorobenzene	7.004	146	213003	50.160	ng	100
15) Benzyl Alcohol	6.975	79	183384	43.682	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	329249	46.613	ng	98
17) 2-Methylphenol	7.092	107	161189	41.789	ng	99
18) Hexachloroethane	7.345	117	65493	40.708	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	147827	43.225	ng	100
20) 3+4-Methylphenols	7.239	107	204370	40.729	ng	# 88
22) Acetophenone	7.245	105	287355	48.545	ng	# 95
24) Nitrobenzene	7.422	77	217877	45.665	ng	99
25) Isophorone	7.657	82	383444	44.079	ng	99
26) 2-Nitrophenol	7.734	139	72271	33.751	ng	98
27) 2,4-Dimethylphenol	7.775	122	167414	45.361	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	220274	43.811	ng	99
29) 2,4-Dichlorophenol	7.975	162	154271	42.649	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	169378	44.881	ng	99
31) Naphthalene	8.139	128	551039	43.824	ng	100
32) Benzoic acid	7.875	122	92423	39.706	ng	95
33) 4-Chloroaniline	8.186	127	98793	18.376	ng	99
34) Hexachlorobutadiene	8.257	225	109829	44.449	ng	99
35) Caprolactam	8.563	113	50515m	41.502	ng	
36) 4-Chloro-3-methylphenol	8.669	107	169734	40.709	ng	96
37) 2-Methylnaphthalene	8.833	142	353981	40.518	ng	98
38) 1-Methylnaphthalene	8.933	142	329342	40.967	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	163777	46.746	ng	99
41) Hexachlorocyclopentadiene	8.980	237	22151	14.188	ng	91
43) 2,4,6-Trichlorophenol	9.110	196	103978	44.412	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.151	196	109254	40.112	ng	99	06/13/2023
46) 1,1'-Biphenyl	9.298	154	436406	46.952	ng	99	
47) 2-Chloronaphthalene	9.322	162	310684	46.599	ng	100	
48) 2-Nitroaniline	9.416	65	126154	51.737	ng	93	
49) Acenaphthylene	9.739	152	514716	44.356	ng	99	
50) Dimethylphthalate	9.592	163	380330	44.213	ng	100	
51) 2,6-Dinitrotoluene	9.657	165	60581	34.120	ng	# 72	
52) Acenaphthene	9.910	154	309562	45.575	ng	99	
53) 3-Nitroaniline	9.828	138	98966	45.802	ng	85	
54) 2,4-Dinitrophenol	9.933	184	3307	9.256	ng	# 77	
55) Dibenzofuran	10.080	168	457479	44.139	ng	96	
56) 4-Nitrophenol	9.992	139	121656	83.426	ng	# 78	
57) 2,4-Dinitrotoluene	10.063	165	71397	31.617	ng	97	
58) Fluorene	10.427	166	358216	45.195	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.198	232	90729	44.492	ng	96	
60) Diethylphthalate	10.298	149	382474	43.687	ng	99	
61) 4-Chlorophenyl-phenyle...	10.416	204	166873	42.647	ng	98	
62) 4-Nitroaniline	10.445	138	100523	47.449	ng	90	
63) Azobenzene	10.575	77	354737	42.801	ng	96	
65) 4,6-Dinitro-2-methylph...	10.475	198	3331	3.280	ng	89	
66) n-Nitrosodiphenylamine	10.533	169	304868	42.704	ng	99	
67) 4-Bromophenyl-phenylether	10.904	248	99552	41.967	ng	95	
68) Hexachlorobenzene	10.974	284	108612	43.540	ng	97	
69) Atrazine	11.063	200	92762	44.782	ng	96	
70) Pentachlorophenol	11.169	266	111963	74.955	ng	99	
71) Phenanthrene	11.392	178	713171	66.139	ng	99	
72) Anthracene	11.439	178	540248	48.051	ng	99	
73) Carbazole	11.598	167	473428	45.211	ng	99	
74) Di-n-butylphthalate	11.927	149	553140	41.204	ng	99	
75) Fluoranthene	12.586	202	884728	77.264	ng	99	
77) Benzidine	12.704	184	242193	64.467	ng	100	
78) Pyrene	12.816	202	880327	84.409	ng	99	
80) Butylbenzylphthalate	13.427	149	214270	48.666	ng	94	
81) Benzo(a)anthracene	14.004	228	498710	64.398	ng	97	
82) 3,3'-Dichlorobenzidine	13.963	252	117354	45.581	ng	# 97	
83) Chrysene	14.039	228	439585	60.015	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.986	149	280259	51.696	ng	96	
85) Di-n-octyl phthalate	14.604	149	403764	52.410	ng	97	
87) Indeno(1,2,3-cd)pyrene	16.945	276	319409	48.609	ng	97	
88) Benzo(b)fluoranthene	15.051	252	423228	72.947	ng	98	
89) Benzo(k)fluoranthene	15.080	252	281056	49.729	ng	98	
90) Benzo(a)pyrene	15.415	252	326499	60.636	ng	99	
91) Dibenzo(a,h)anthracene	16.962	278	218363	40.140	ng	99	
92) Benzo(g,h,i)perylene	17.392	276	244595	45.349	ng	99	

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

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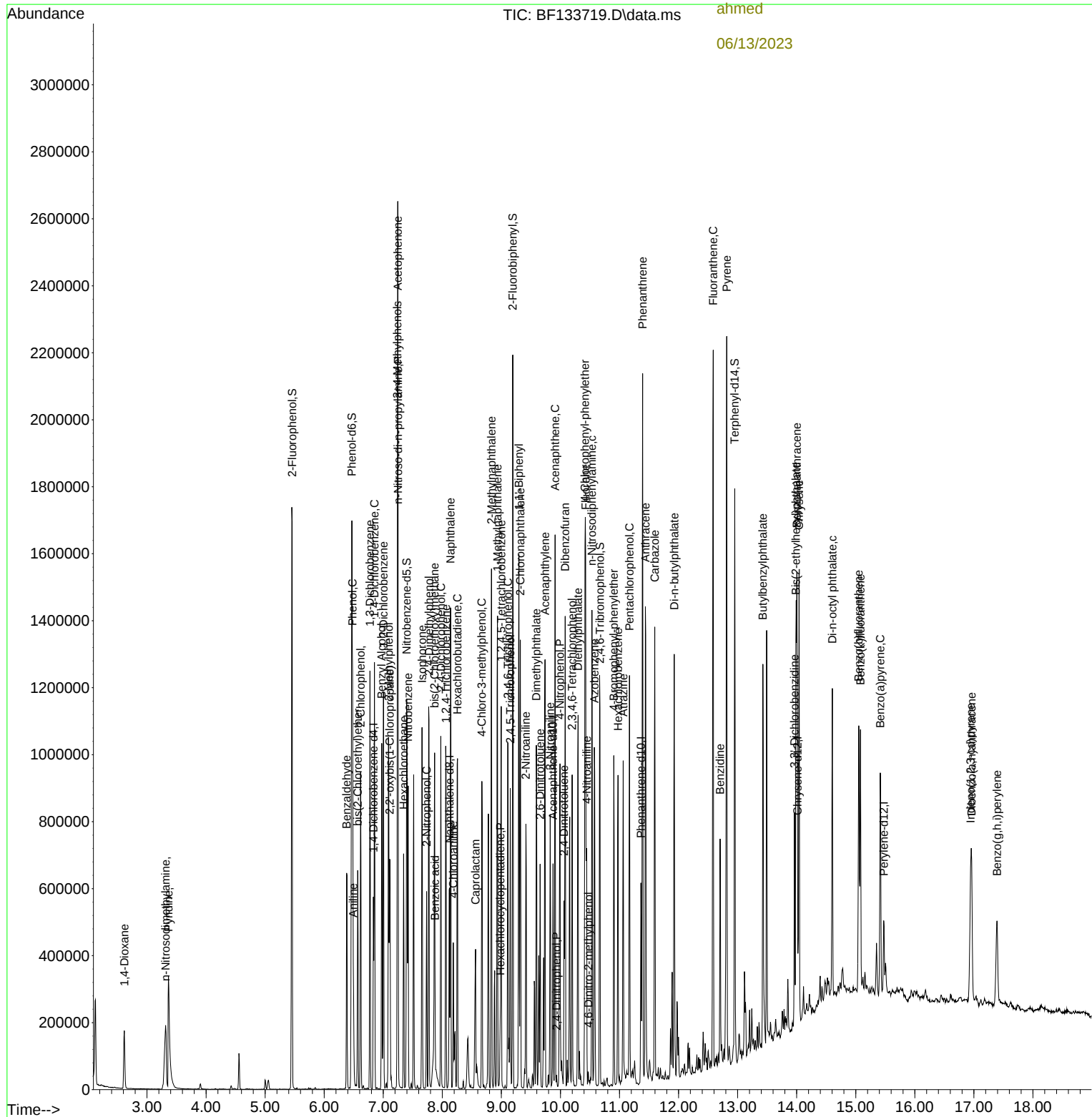
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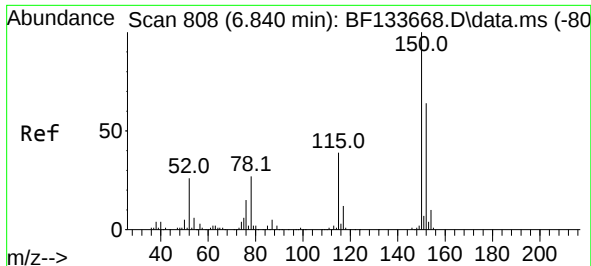
Manual Integrations APPROVED

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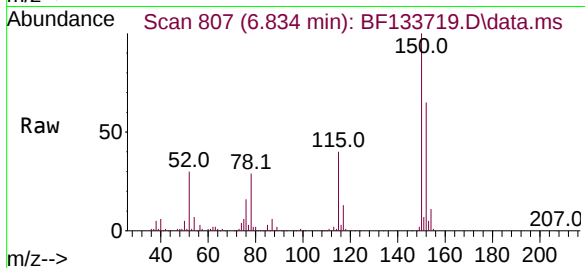
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD



Tgt Ion:152 Resp: 71890
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 62.3 48.5 72.7

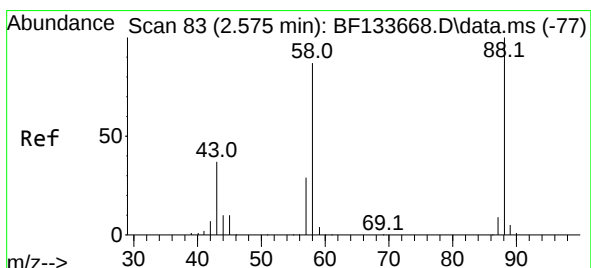
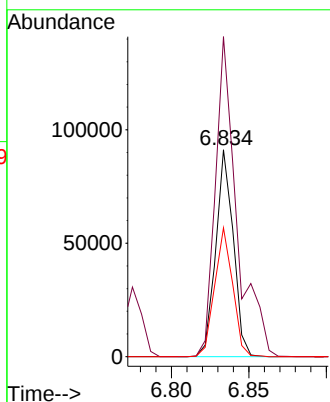
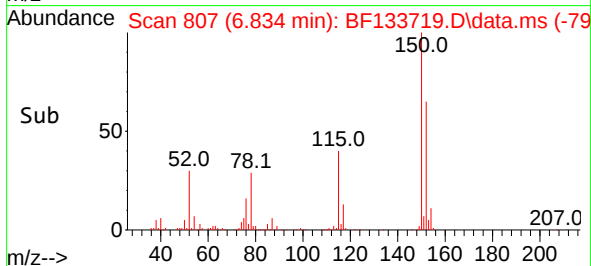
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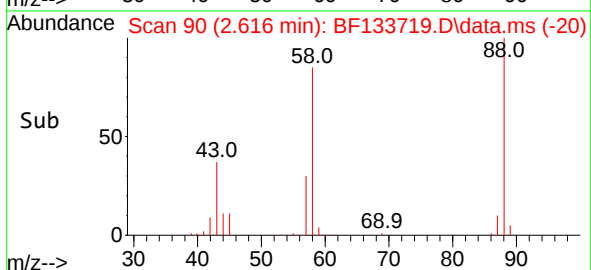
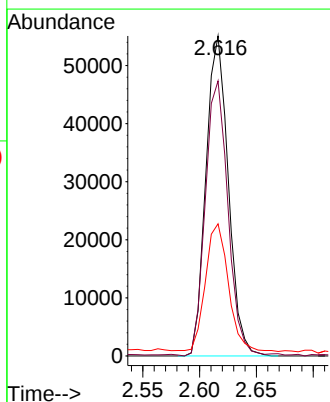
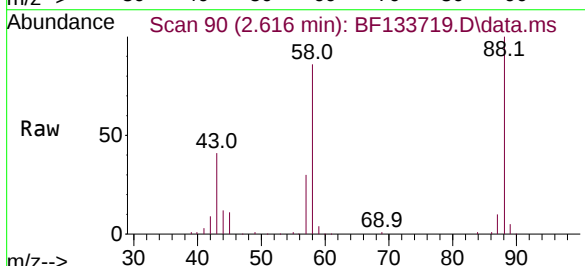
Supervised By :mohammad
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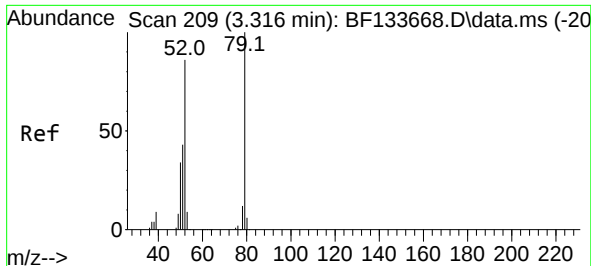
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#2
1,4-Dioxane
Concen: 41.520 ng
RT: 2.616 min Scan# 90
Delta R.T. 0.065 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

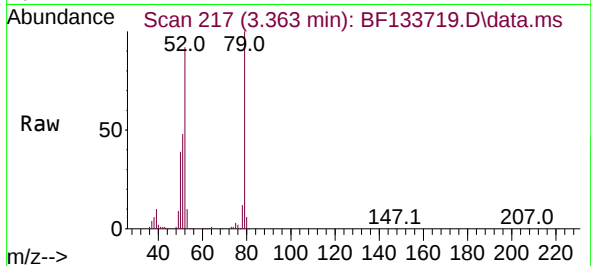
Tgt Ion: 88 Resp: 75378
Ion Ratio Lower Upper
88 100
58 87.7 67.8 101.6
43 41.6 29.8 44.6





#3
Pyridine
Concen: 36.467 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.065 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
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SB-02-5-7.0MSD



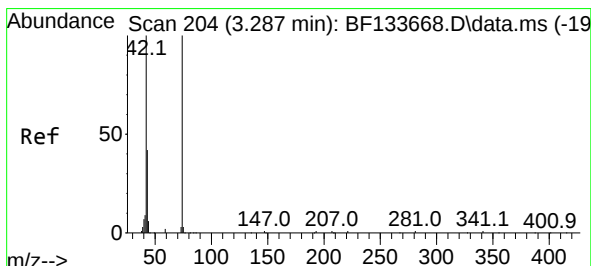
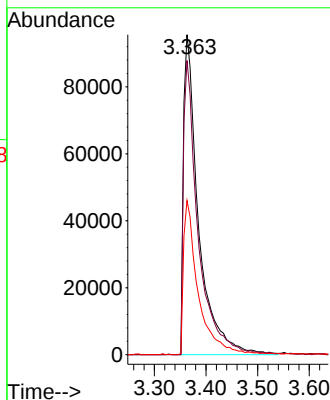
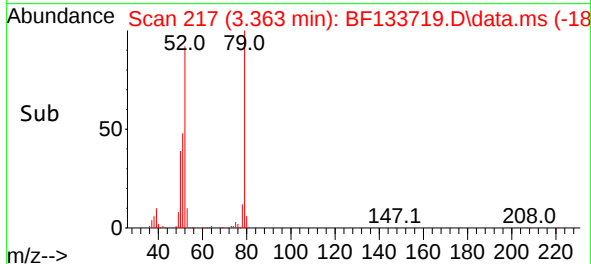
Tgt Ion: 79 Resp: 192969
Ion Ratio Lower Upper
79 100
52 92.0 68.6 102.8
51 48.1 34.8 52.2

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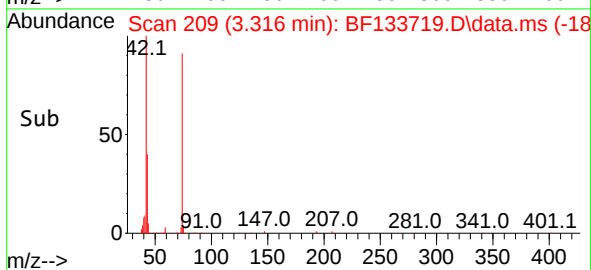
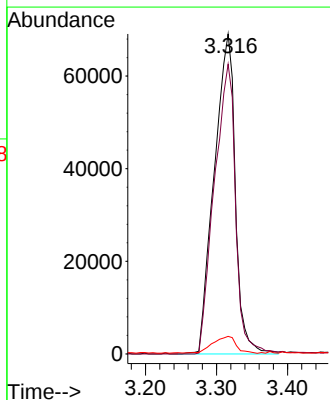
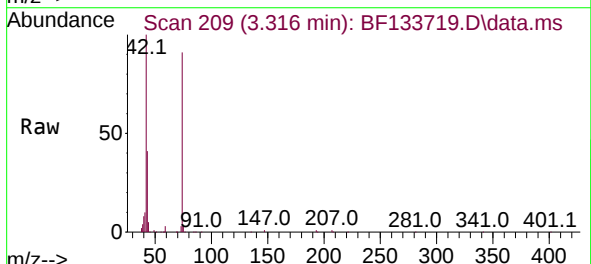
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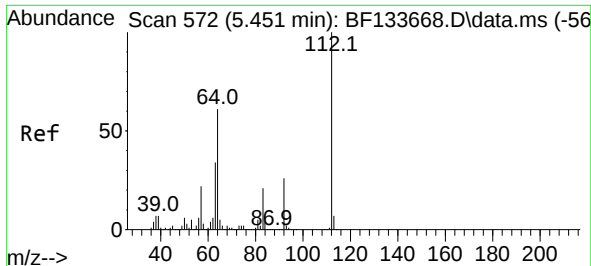
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#4
n-Nitrosodimethylamine
Concen: 48.707 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

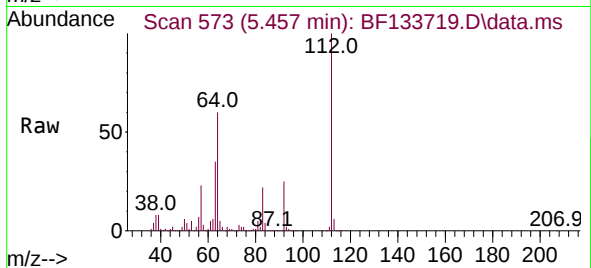
Tgt Ion: 42 Resp: 142467
Ion Ratio Lower Upper
42 100
74 90.5 79.8 119.8
44 5.5 4.7 7.1





#5
2-Fluorophenol
Concen: 109.468 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

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SB-02-5-7.0MSD



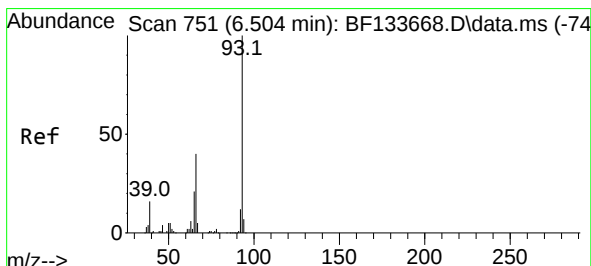
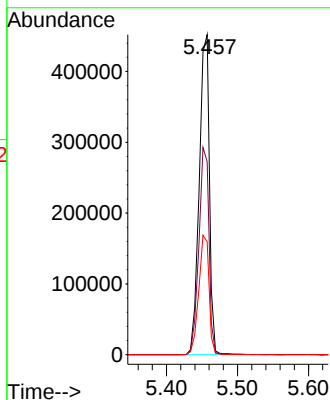
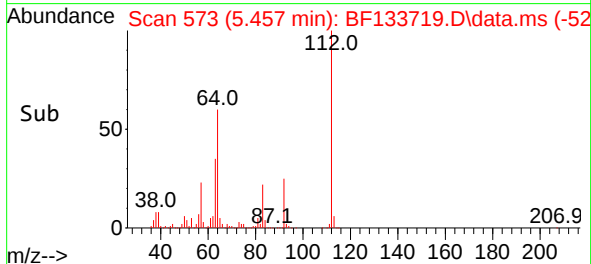
Tgt Ion: 112 Resp: 452044
Ion Ratio Lower Upper
112 100
64 60.3 49.0 73.4
63 35.3 26.8 40.2

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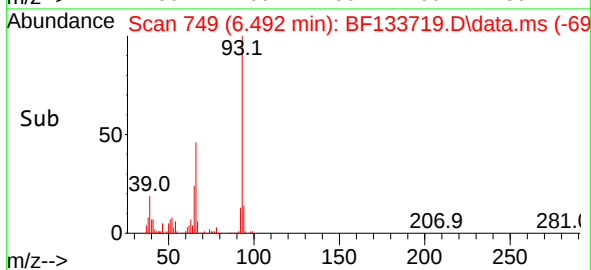
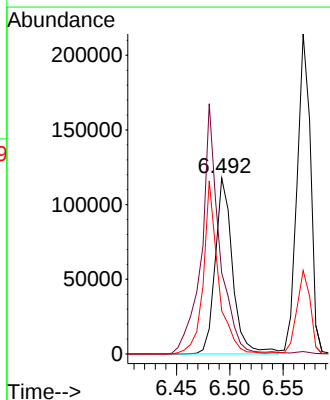
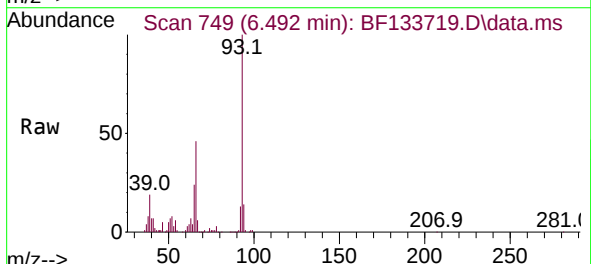
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#6
Aniline
Concen: 19.666 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133719.D
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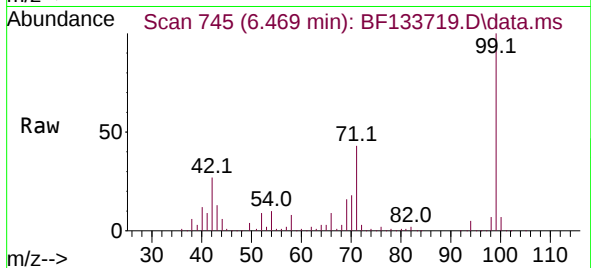
Tgt Ion: 93 Resp: 133142
Ion Ratio Lower Upper
93 100
66 46.0 34.4 51.6
65 24.4 17.5 26.3





#7
Phenol-d6
Concen: 98.794 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133719.D
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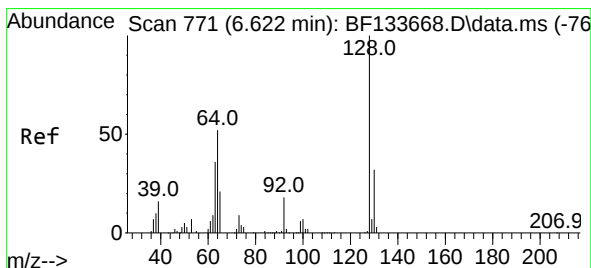
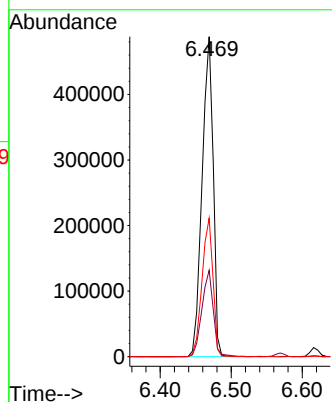
Tgt Ion: 99 Resp: 531034
Ion Ratio Lower Upper
99 100
42 27.0 19.9 29.9
71 43.3 32.2 48.4

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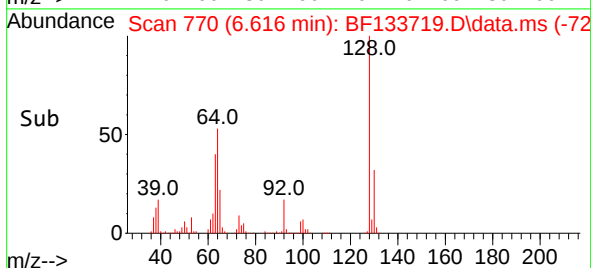
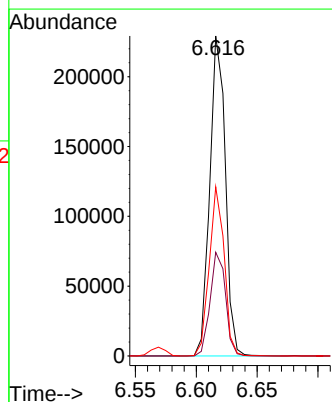
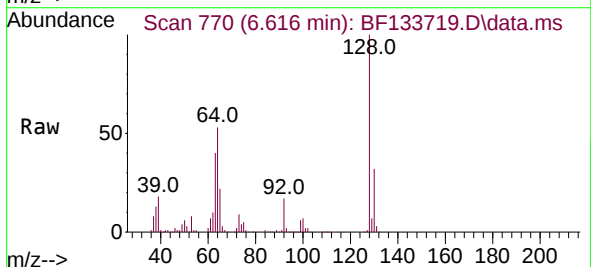
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#8
2-Chlorophenol
Concen: 46.655 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

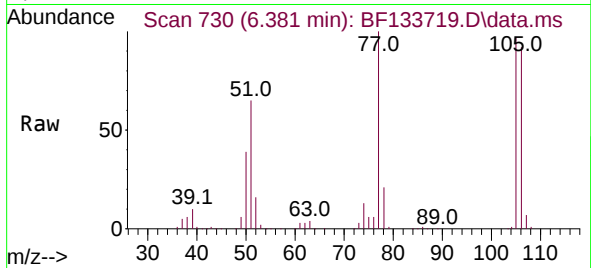
Tgt Ion:128 Resp: 203036
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 52.8 33.1 73.1





#9
Benzaldehyde
Concen: 32.455 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133719.D
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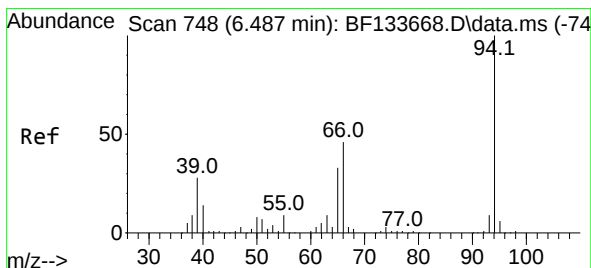
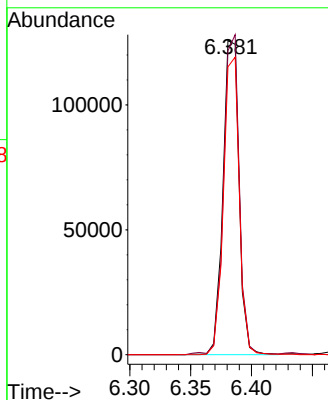
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Ion Ratio Lower Upper
77 100
105 96.7 82.0 122.0
106 91.6 77.6 117.6

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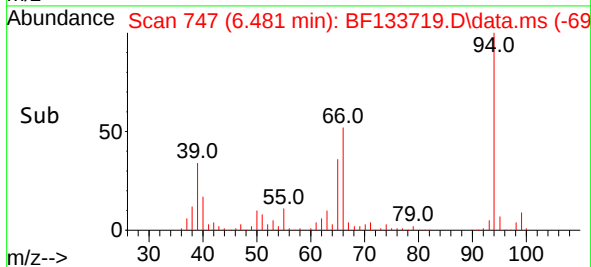
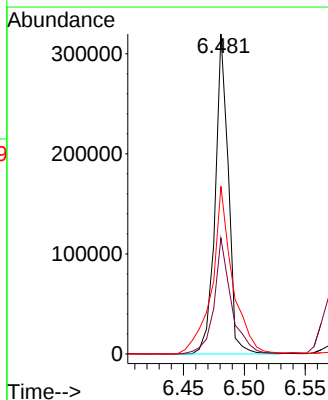
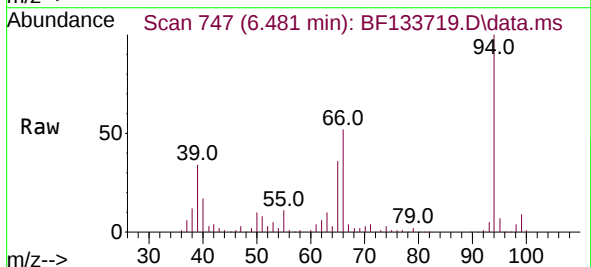
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Supervised By :mohammad
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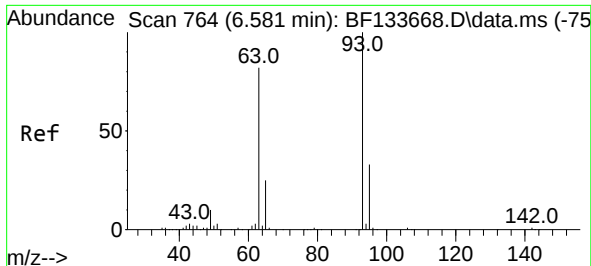
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#10
Phenol
Concen: 42.729 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion: 94 Resp: 239830
Ion Ratio Lower Upper
94 100
65 36.3 13.2 53.2
66 52.4 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 44.828 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.006 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD

Tgt Ion: 93 Resp: 186790

Ion	Ratio	Lower	Upper
93	100		
63	89.0	62.1	102.1
95	33.4	13.0	53.0

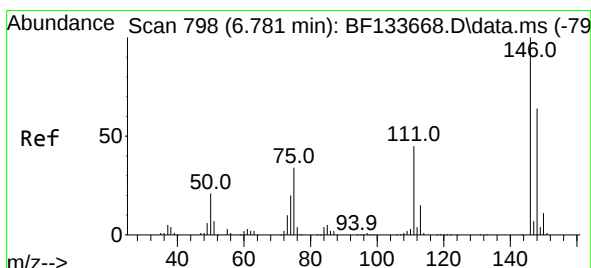
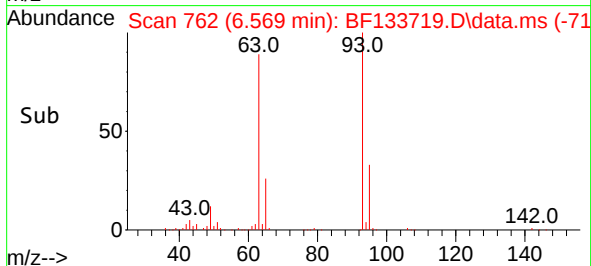
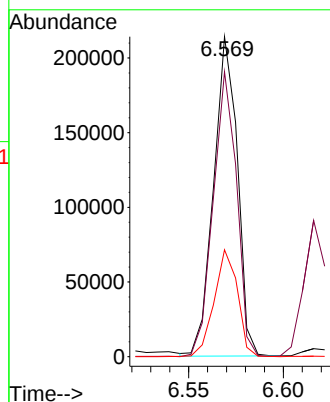
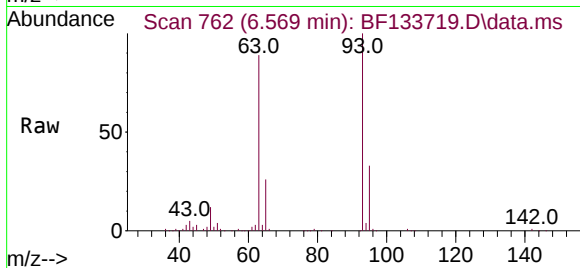
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Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#12

1,3-Dichlorobenzene

Concen: 47.489 ng

RT: 6.775 min Scan# 797

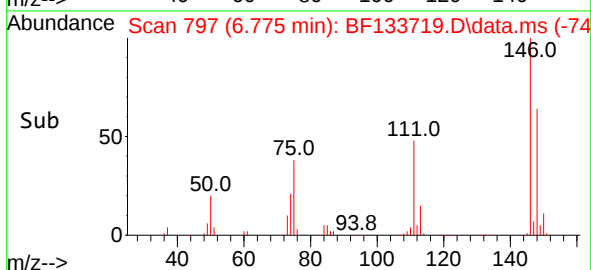
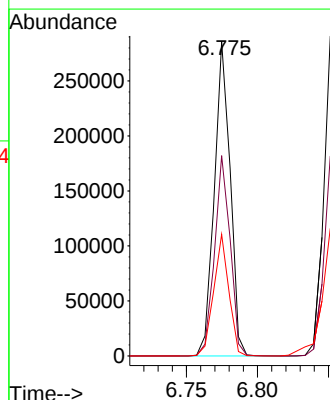
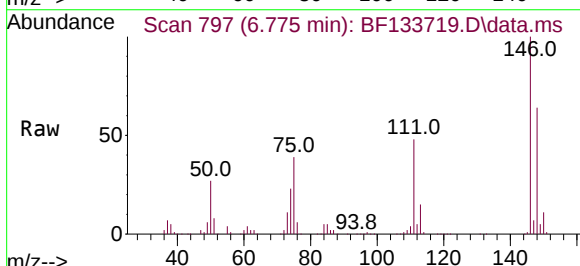
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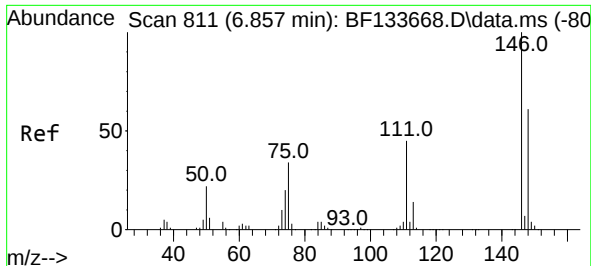
Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Tgt Ion:146 Resp: 220806

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
75	38.7	27.1	40.7





#13
1,4-Dichlorobenzene
Concen: 47.757 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD

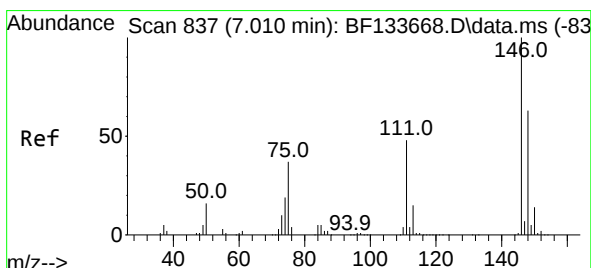
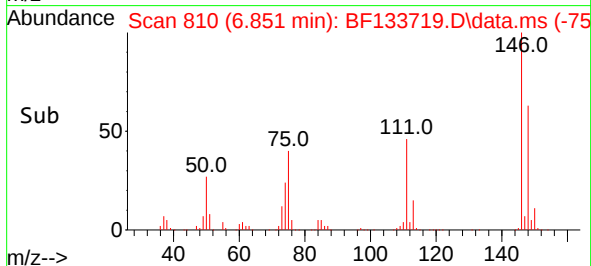
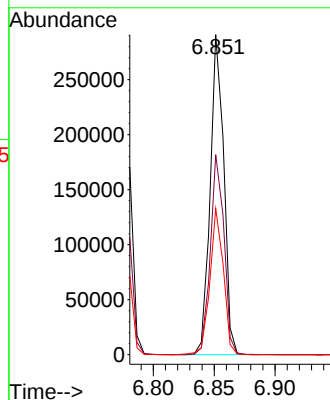
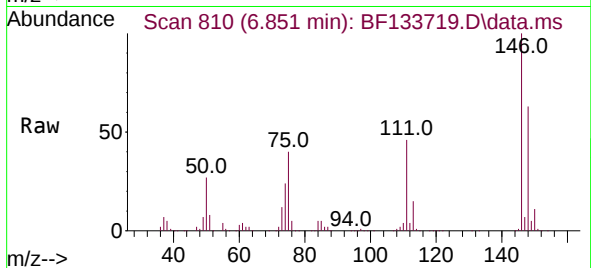
Tgt Ion:146 Resp: 224435
Ion Ratio Lower Upper
146 100
148 62.5 48.9 73.3
111 45.7 35.8 53.6

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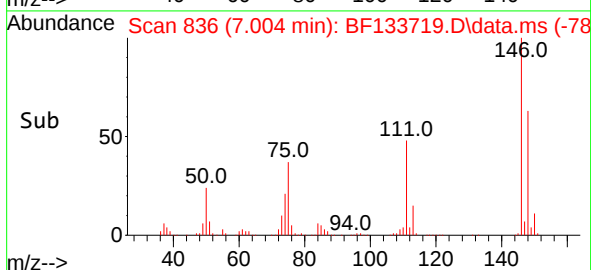
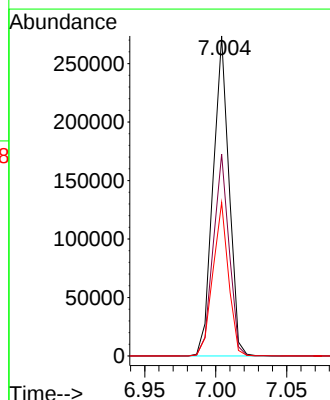
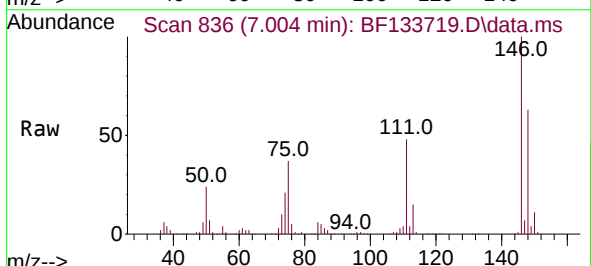
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Supervised By :mohammad
ahmed

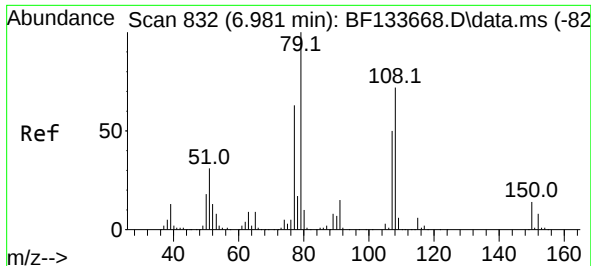
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#14
1,2-Dichlorobenzene
Concen: 50.160 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

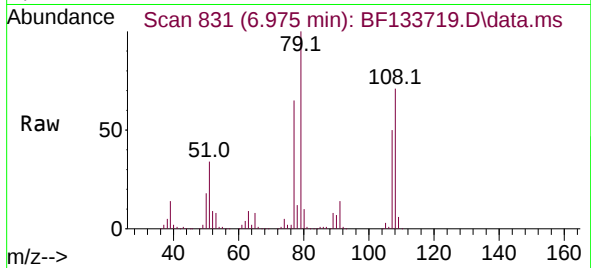
Tgt Ion:146 Resp: 213003
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
111 48.0 38.7 58.1





#15
Benzyl Alcohol
Concen: 43.682 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



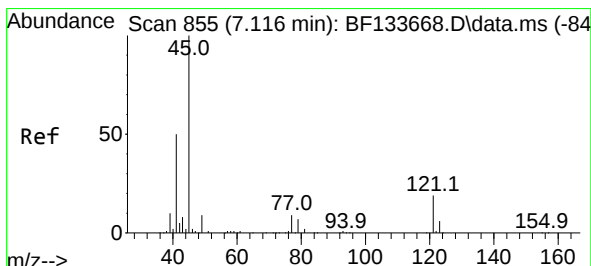
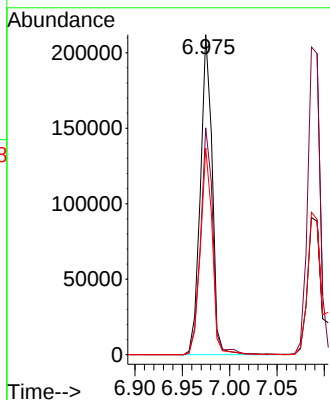
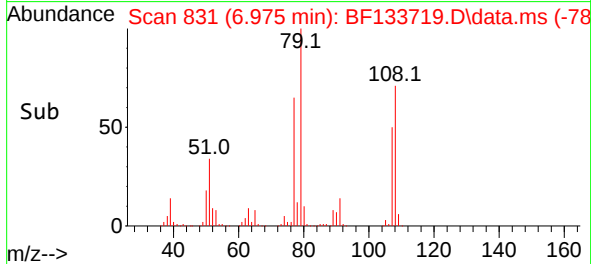
Tgt Ion: 79 Resp: 183384
Ion Ratio Lower Upper
79 100
108 70.9 57.9 86.9
77 64.6 50.4 75.6

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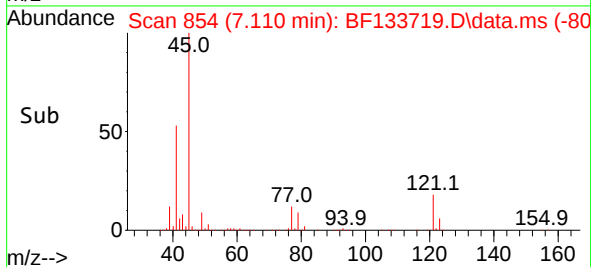
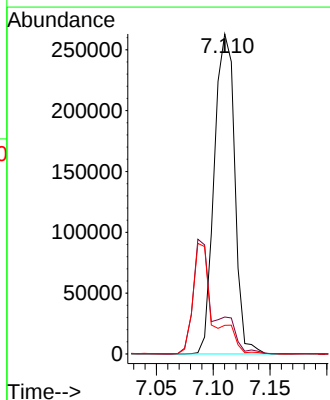
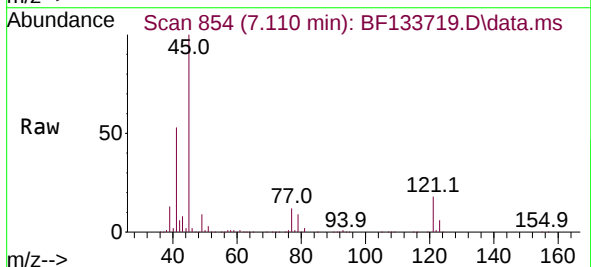
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Supervised By :mohammad
ahmed

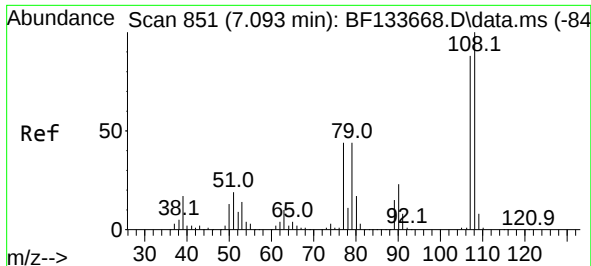
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.613 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

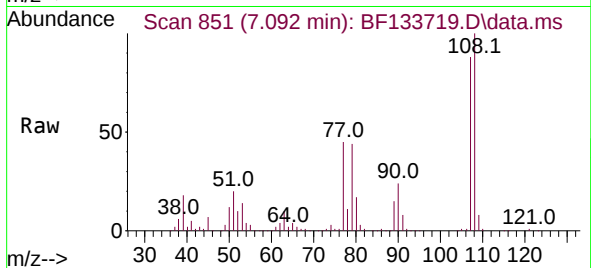
Tgt Ion: 45 Resp: 329249
Ion Ratio Lower Upper
45 100
77 11.6 0.0 32.3
79 9.0 0.0 29.4





#17
2-Methylphenol
Concen: 41.789 ng
RT: 7.092 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



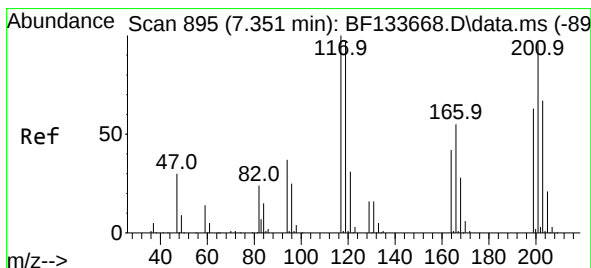
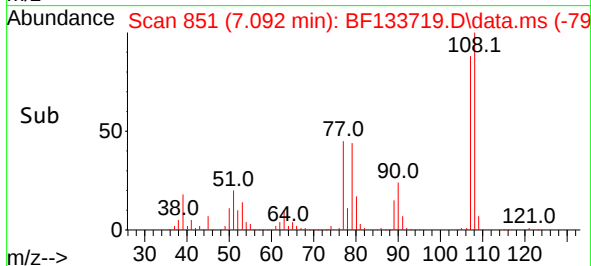
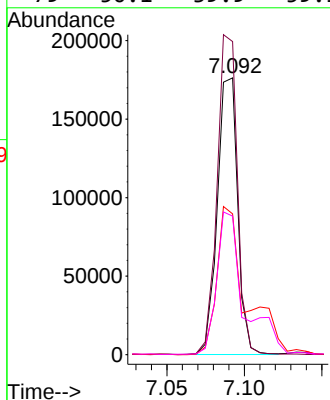
Tgt Ion:107 Resp: 161189
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 50.9 39.8 59.6
79 50.1 39.9 59.9

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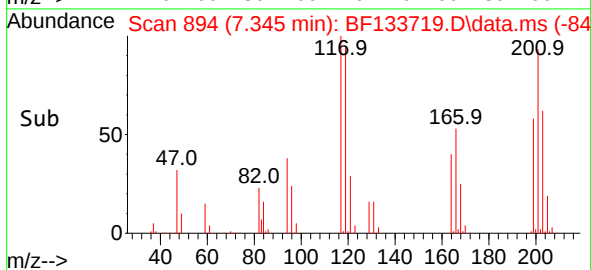
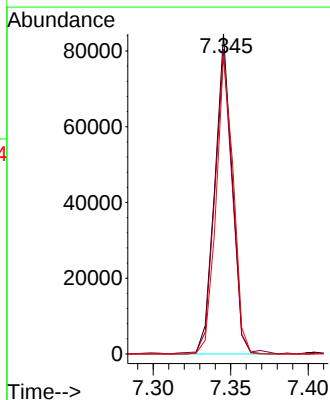
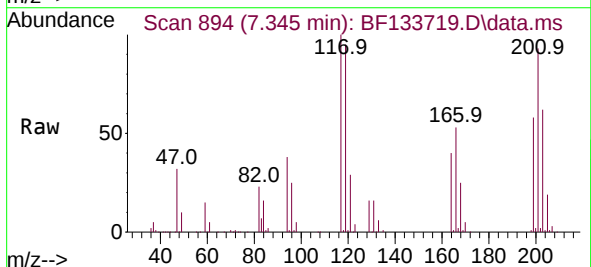
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Supervised By :mohammad
ahmed

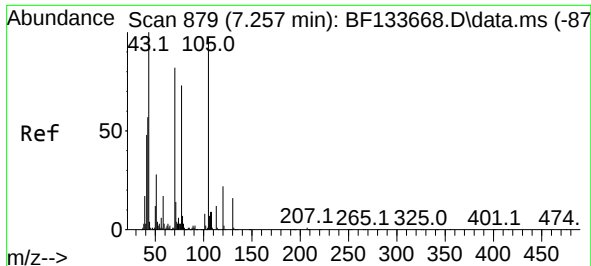
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#18
Hexachloroethane
Concen: 40.708 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

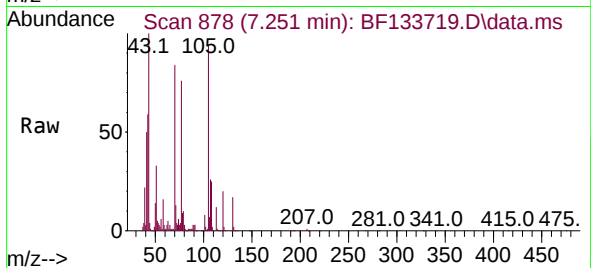
Tgt Ion:117 Resp: 65493
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
201 93.1 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 43.225 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



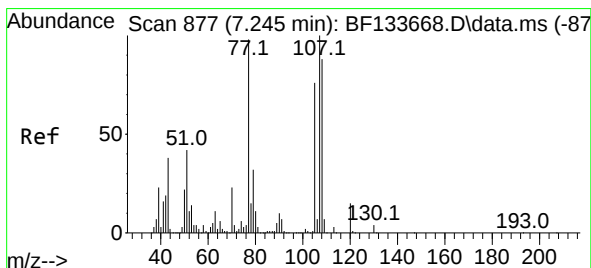
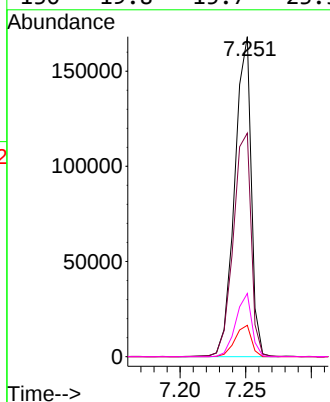
Tgt Ion: 70 Resp: 14782
Ion Ratio Lower Upper
70 100
42 69.9 55.8 83.8
101 9.8 8.1 12.1
130 19.8 15.7 23.5

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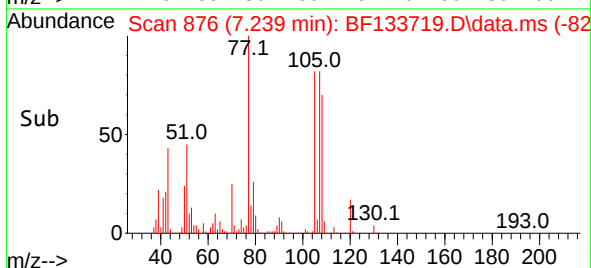
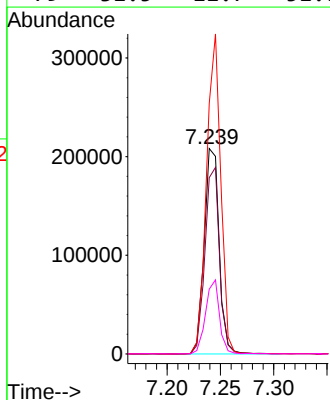
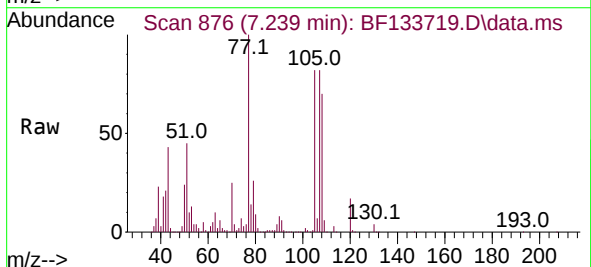
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Supervised By :mohammad
ahmed

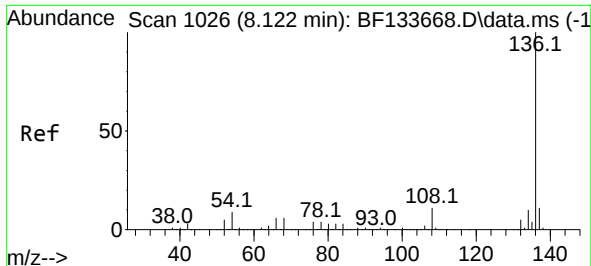
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#20
3+4-Methylphenols
Concen: 40.729 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:107 Resp: 204370
Ion Ratio Lower Upper
107 100
108 85.9 67.9 107.9
77 121.9 77.7 117.7#
79 31.5 11.7 51.7





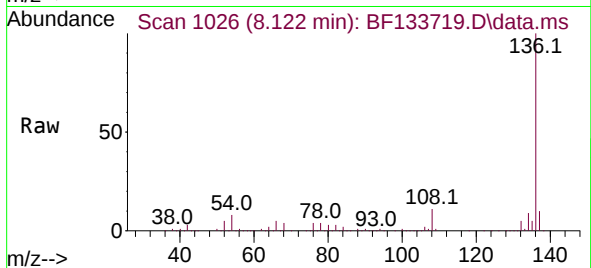
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD



Tgt Ion:136 Resp: 258084
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 8.2 7.4 11.0
68 4.5 4.4 6.6

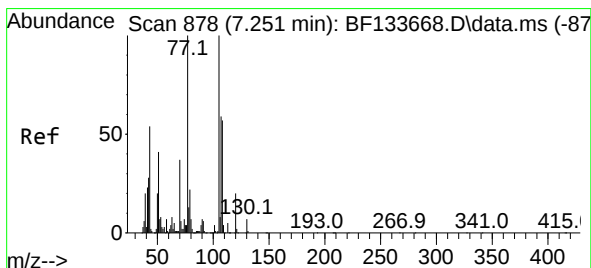
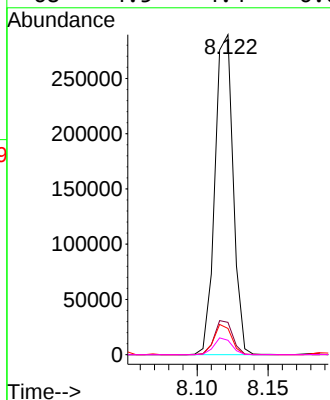
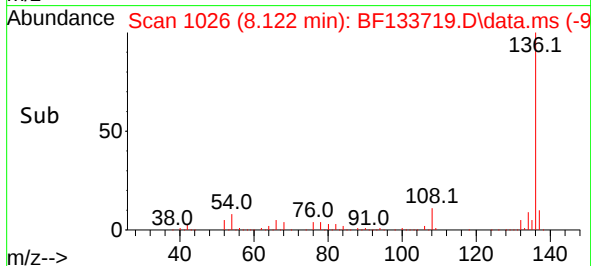
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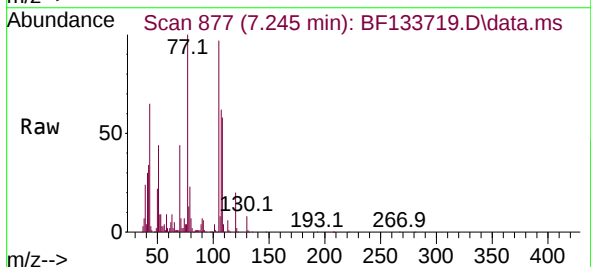
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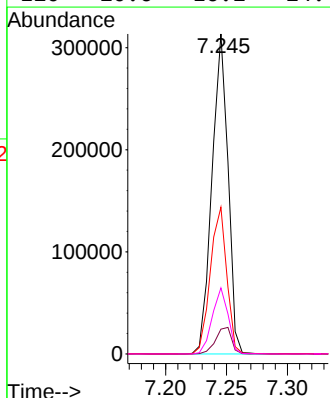
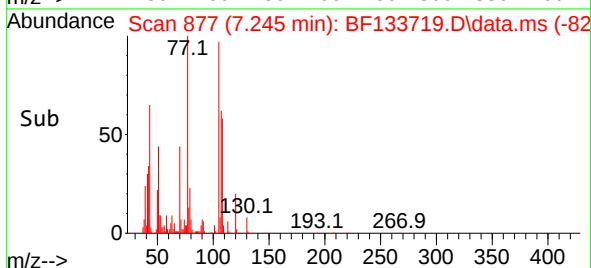
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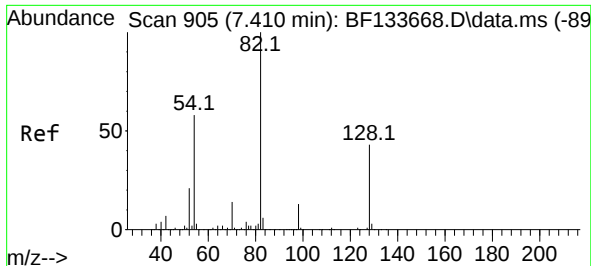


#22
Acetophenone
Concen: 48.545 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24



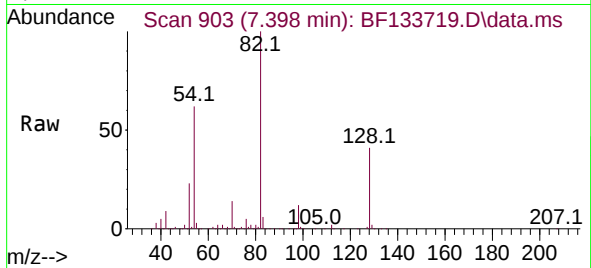
Tgt Ion:105 Resp: 287355
Ion Ratio Lower Upper
105 100
71 7.7 4.8 7.2#
51 45.9 33.0 49.4
120 20.6 16.2 24.4





#23
Nitrobenzene-d5
Concen: 74.467 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



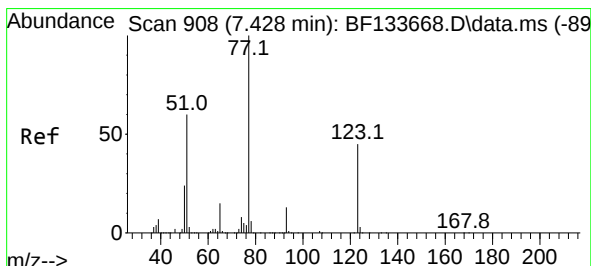
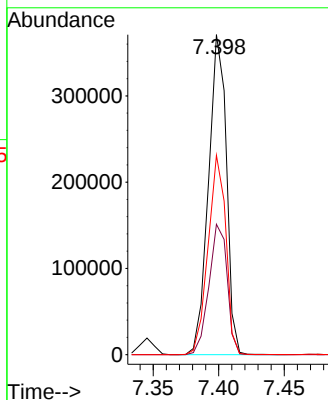
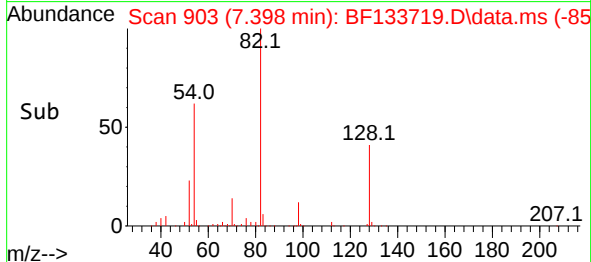
Tgt Ion: 82 Resp: 35285
Ion Ratio Lower Upper
82 100
128 40.8 34.2 51.2
54 62.3 46.5 69.7

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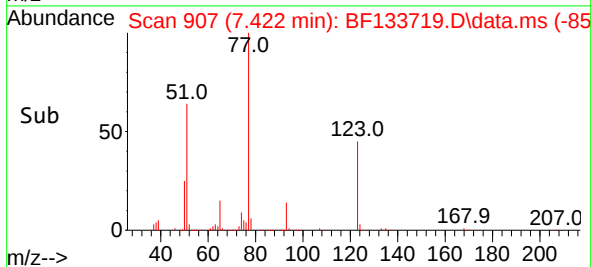
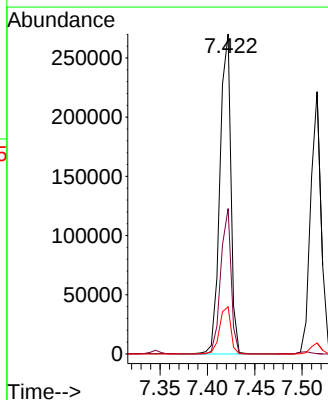
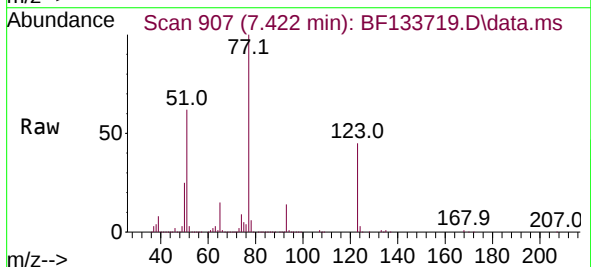
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Supervised By :mohammad
ahmed

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#24
Nitrobenzene
Concen: 45.665 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

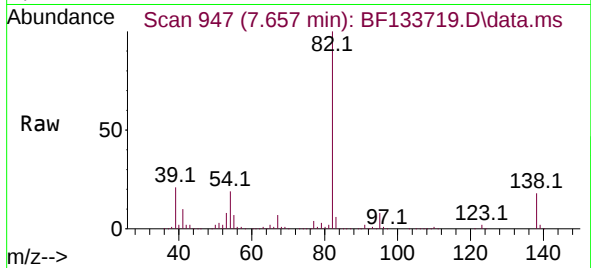
Tgt Ion: 77 Resp: 217877
Ion Ratio Lower Upper
77 100
123 45.4 35.8 53.8
65 14.8 11.6 17.4





#25
Isophorone
Concen: 44.079 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



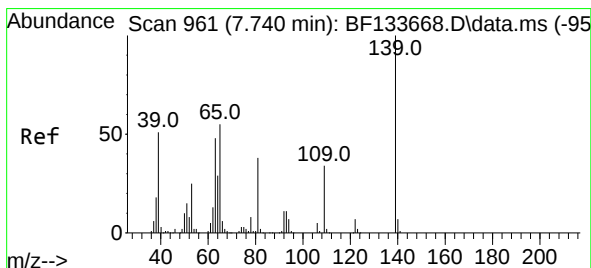
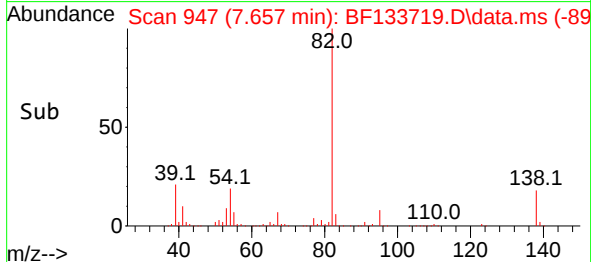
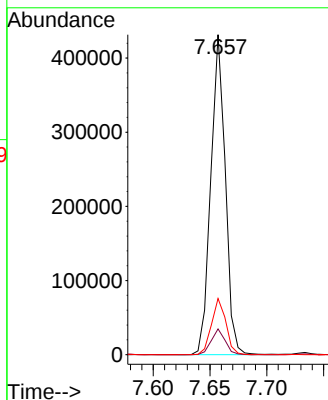
Tgt Ion: 82 Resp: 38344
Ion Ratio Lower Upper
82 100
95 8.0 6.0 9.0
138 17.5 14.2 21.2

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Patel

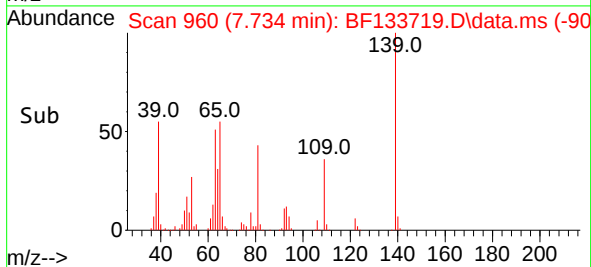
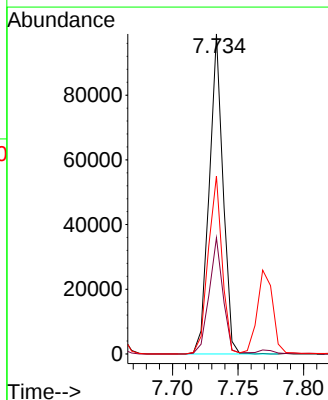
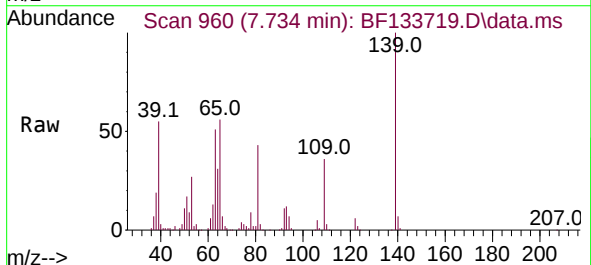
06/13/2023
Supervised By :mohammad
ahmed

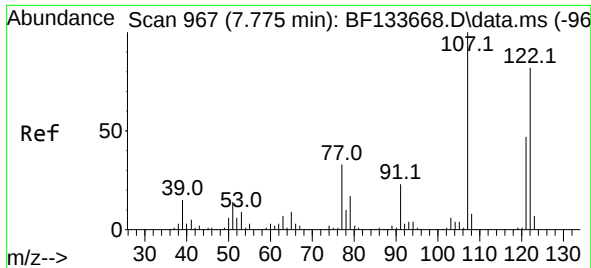
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#26
2-Nitrophenol
Concen: 33.751 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:139 Resp: 72271
Ion Ratio Lower Upper
139 100
109 36.3 27.0 40.6
65 55.6 44.2 66.4





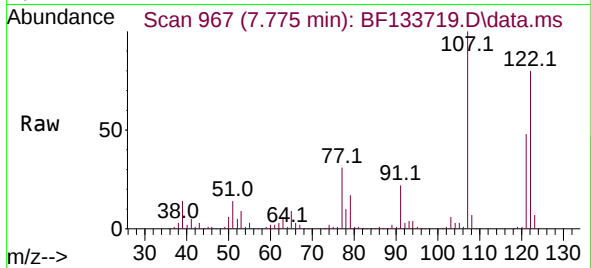
#27
2,4-Dimethylphenol
Concen: 45.361 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD



Tgt Ion:122 Resp: 167414
Ion Ratio Lower Upper
122 100
107 124.6 97.8 146.6
121 60.0 46.1 69.1

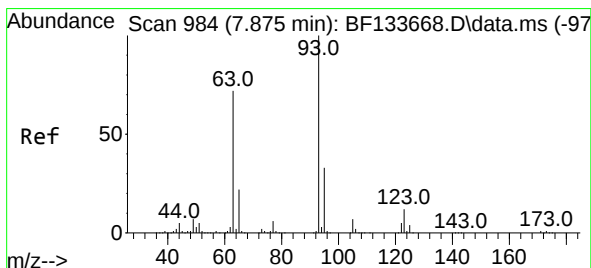
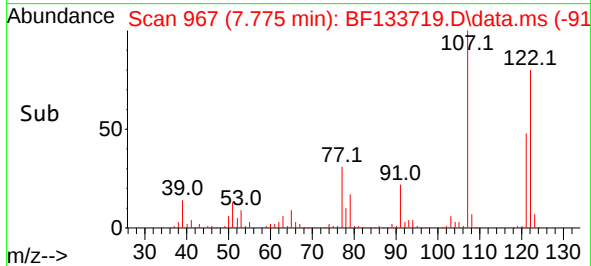
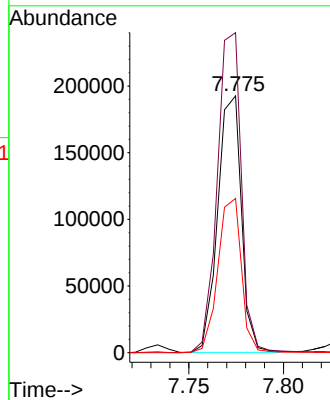
Manual Integrations
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Reviewed By :Yogesh
Patel

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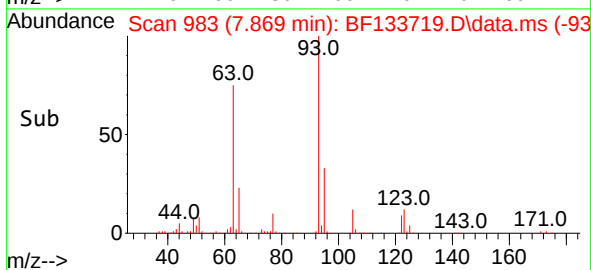
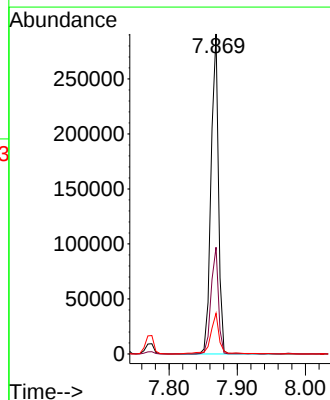
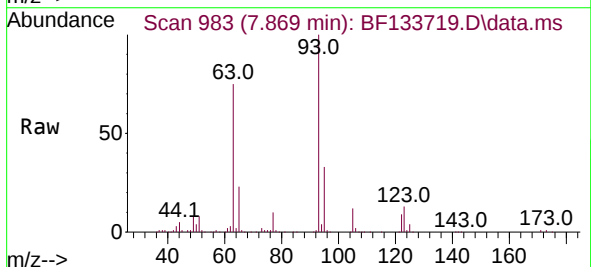
Supervised By :mohammad
ahmed

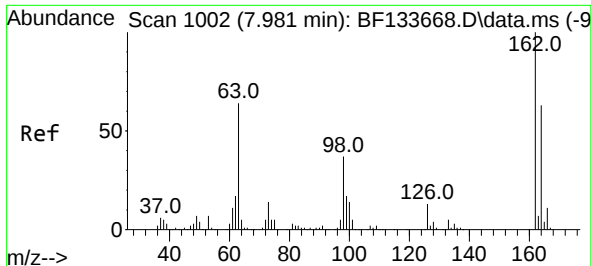
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#28
bis(2-Chloroethoxy)methane
Concen: 43.811 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion: 93 Resp: 220274
Ion Ratio Lower Upper
93 100
95 33.4 26.4 39.6
123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.649 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD

Tgt Ion:162	Resp:	15427
Ion Ratio	Lower	Upper
162	100	
164	63.2	43.4 83.4
98	40.5	17.4 57.4

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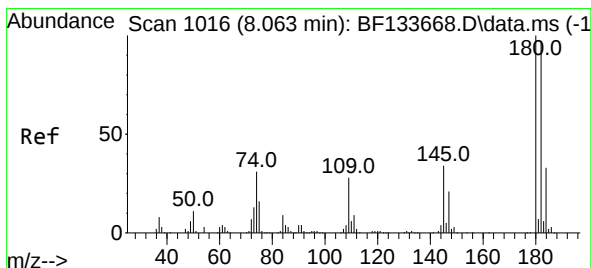
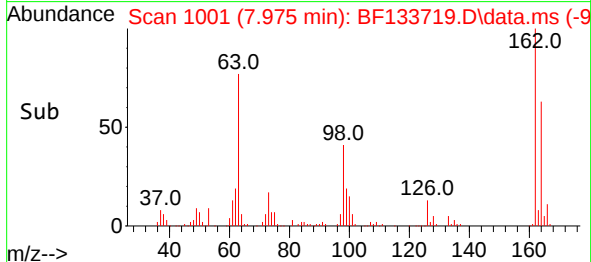
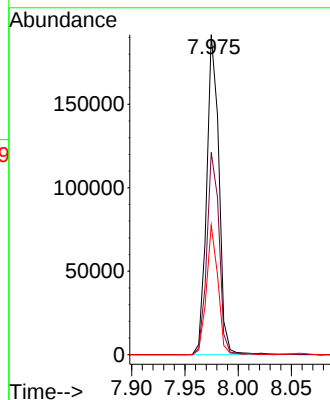
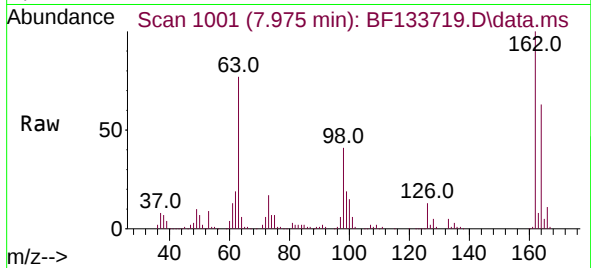
APPROVED

Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 44.881 ng

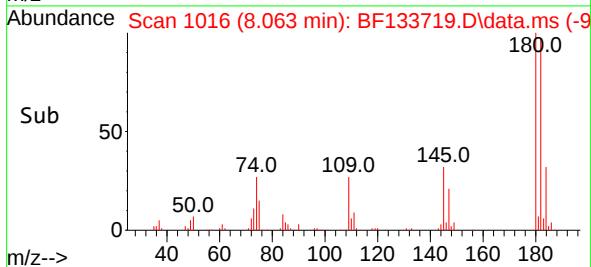
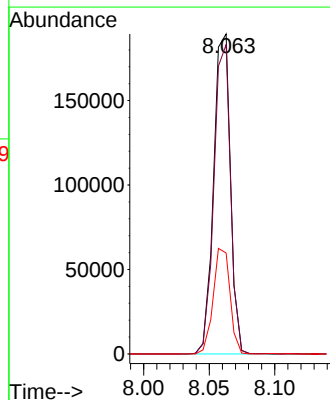
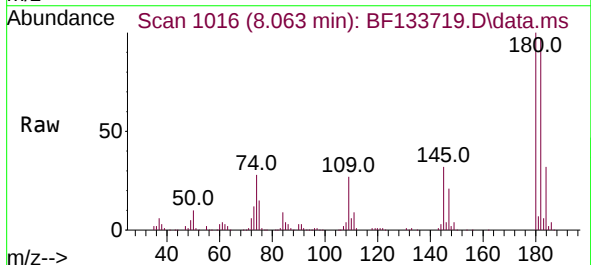
RT: 8.063 min Scan# 1016

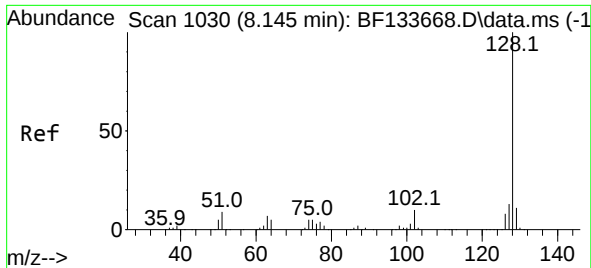
Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

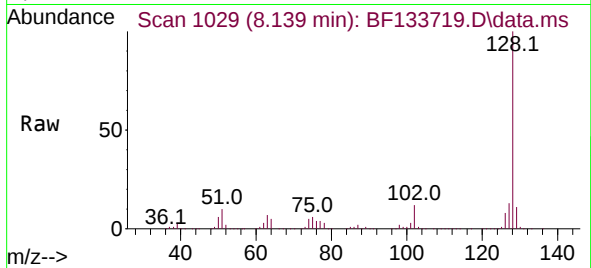
Tgt Ion:180	Resp:	169378
Ion Ratio	Lower	Upper
180	100	
182	96.7	77.8 116.8
145	31.5	27.0 40.4





#31
Naphthalene
Concen: 43.824 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



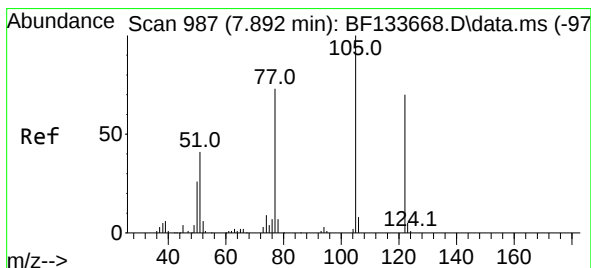
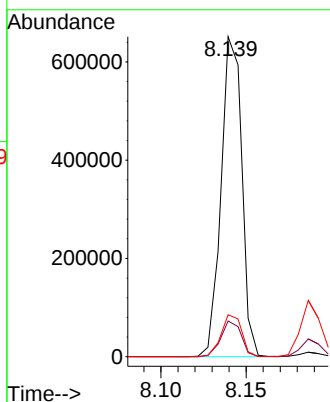
Tgt Ion:128 Resp: 551039
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7

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Reviewed By :Yogesh
Patel

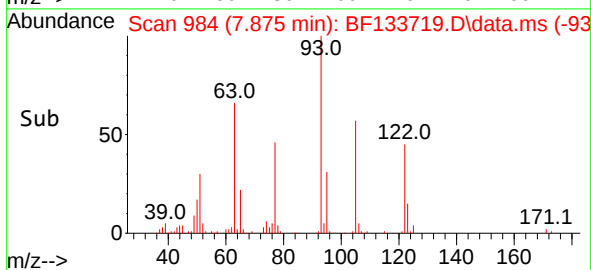
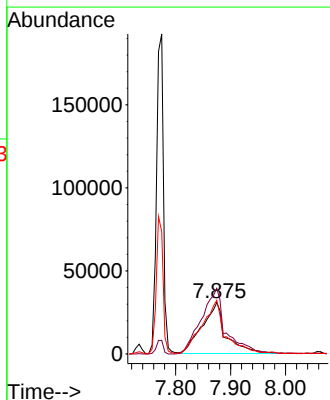
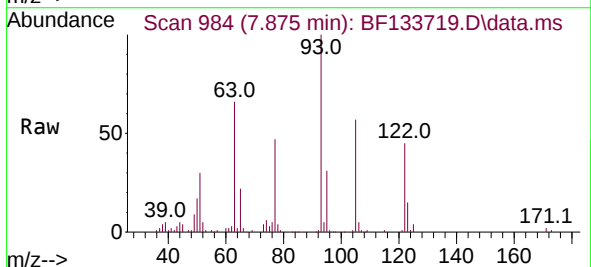
06/13/2023
Supervised By :mohammad
ahmed

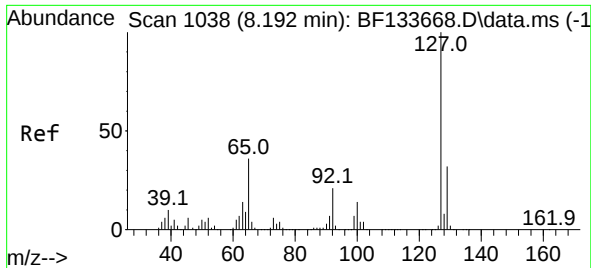
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#32
Benzoic acid
Concen: 39.706 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:122 Resp: 92423
Ion Ratio Lower Upper
122 100
105 127.7 116.3 156.3
77 104.3 82.4 122.4





#33
4-Chloroaniline
Concen: 18.376 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD

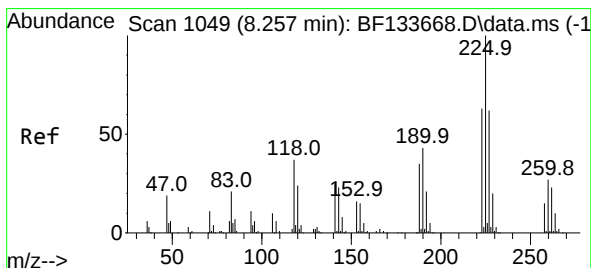
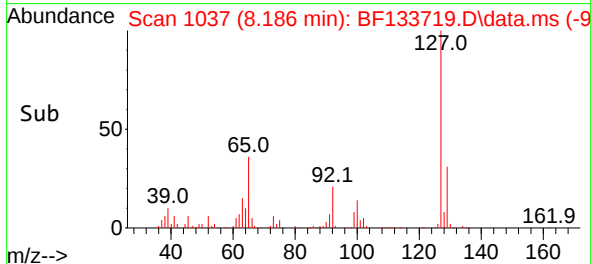
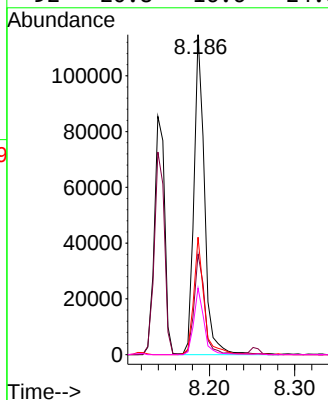
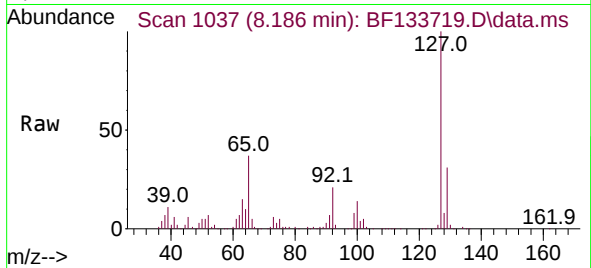
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.6	38.4
65	36.7	28.9	43.3
92	20.8	16.6	24.8

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Reviewed By :Yogesh
Patel

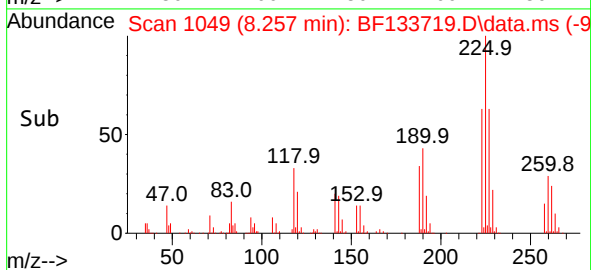
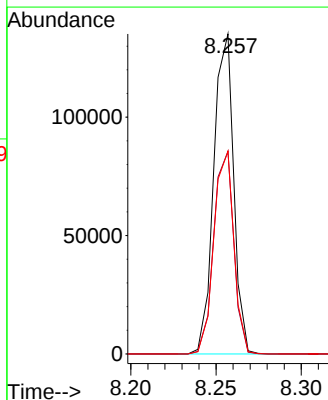
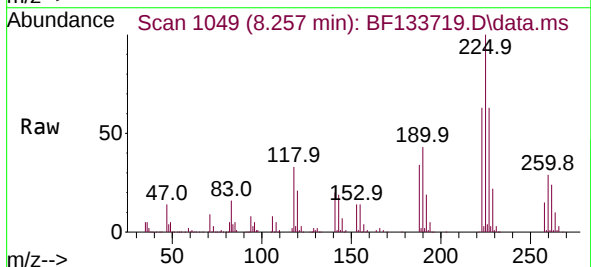
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Supervised By :mohammad
ahmed

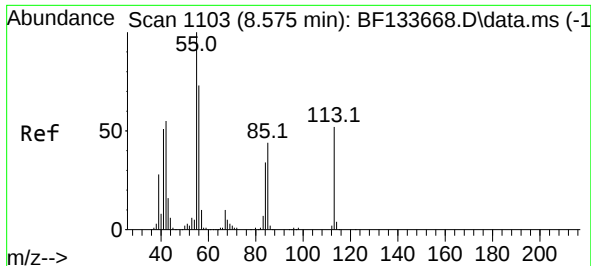
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#34
Hexachlorobutadiene
Concen: 44.449 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

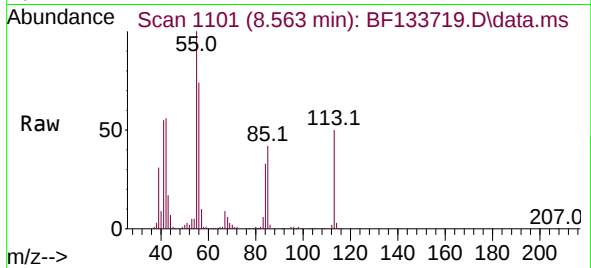
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.4
227	63.4	49.5	74.3





#35
Caprolactam
Concen: 41.502 ng m
RT: 8.563 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



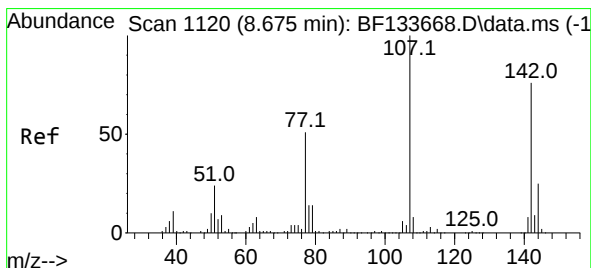
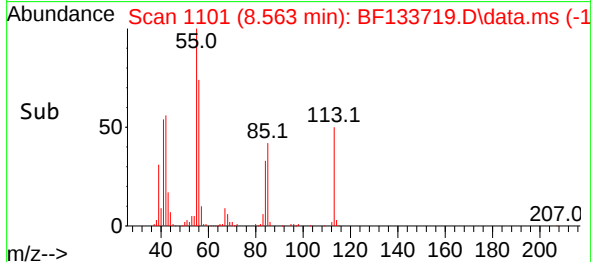
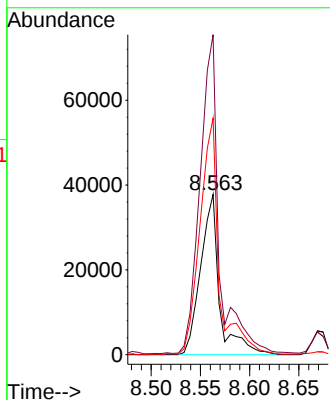
Tgt Ion:113 Resp: 5051
Ion Ratio Lower Upper
113 100
55 199.7 173.3 213.3
56 147.6 120.5 160.5

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Reviewed By :Yogesh
Patel

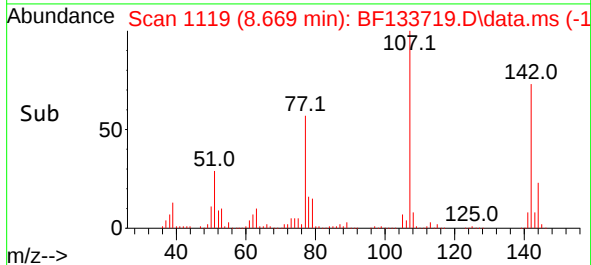
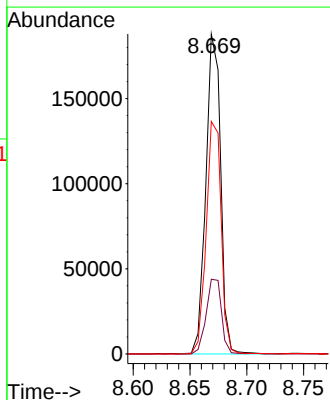
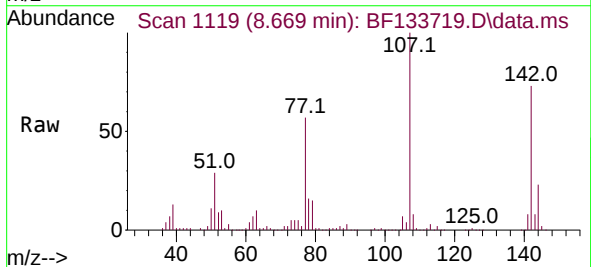
06/13/2023
Supervised By :mohammad
ahmed

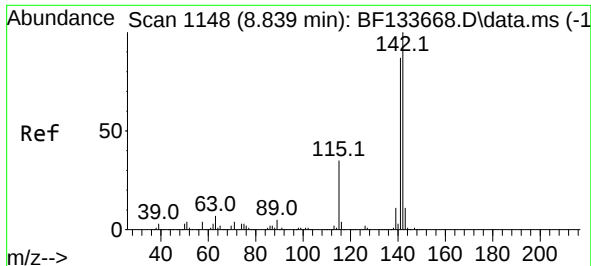
06/13/2023



#36
4-Chloro-3-methylphenol
Concen: 40.709 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:107 Resp: 169734
Ion Ratio Lower Upper
107 100
144 23.3 19.7 29.5
142 72.7 61.1 91.7





#37

2-Methylnaphthalene

Concen: 40.518 ng

RT: 8.833 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD

Tgt Ion:142 Resp: 35398

Ion Ratio Lower Upper

142 100

141 88.7 69.8 104.8

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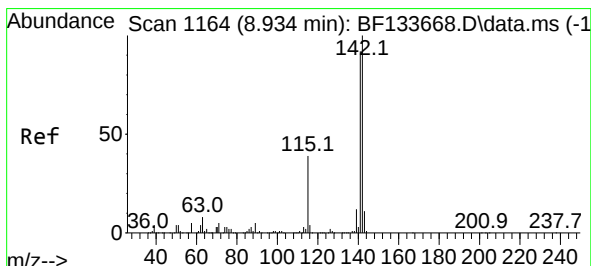
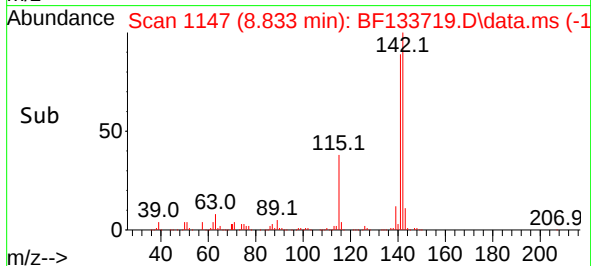
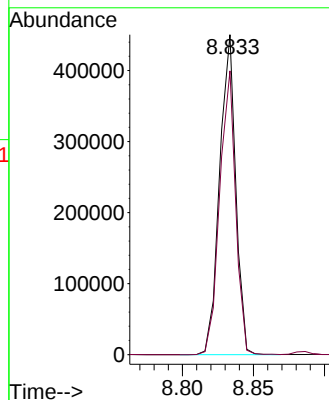
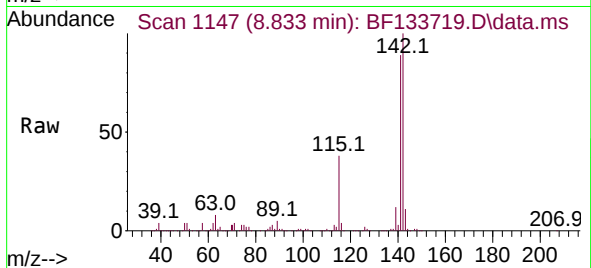
APPROVED

Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#38

1-Methylnaphthalene

Concen: 40.967 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF133719.D

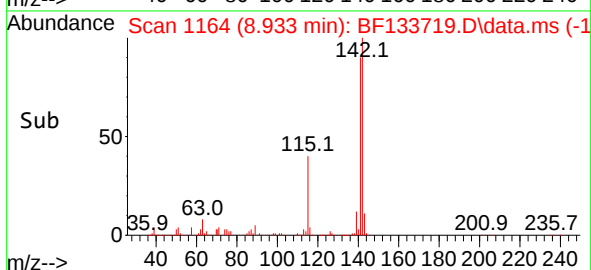
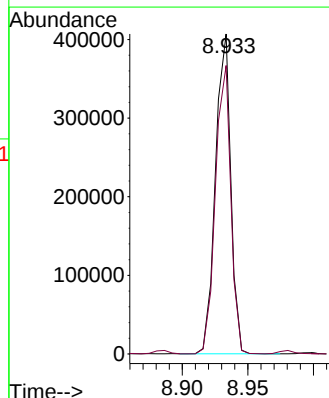
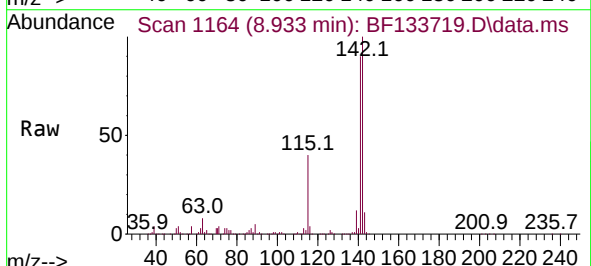
Acq: 12 Jun 2023 23:24

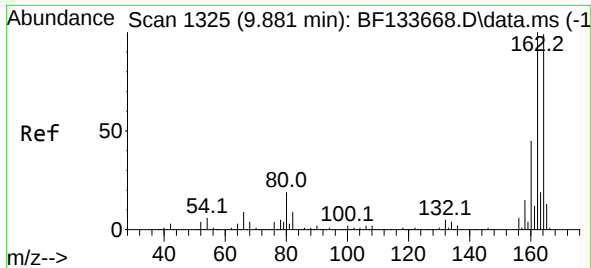
Tgt Ion:142 Resp: 329342

Ion Ratio Lower Upper

142 100

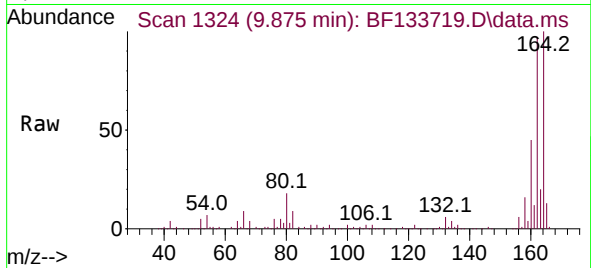
141 90.1 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



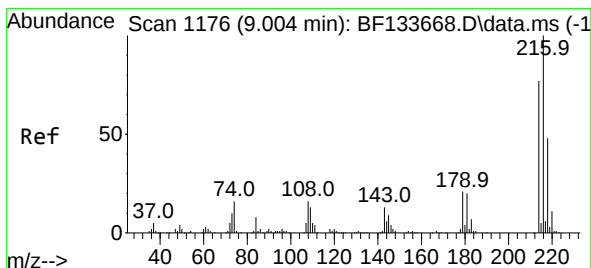
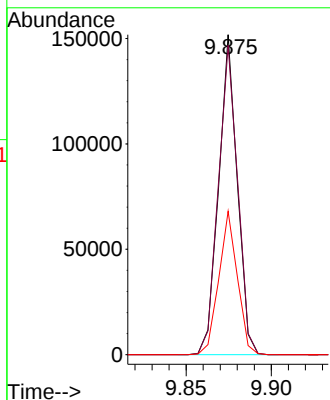
Tgt Ion:164 Resp: 115249
Ion Ratio Lower Upper
164 100
162 96.7 80.8 121.2
160 44.8 36.7 55.1

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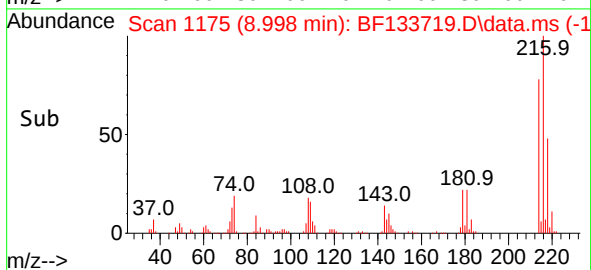
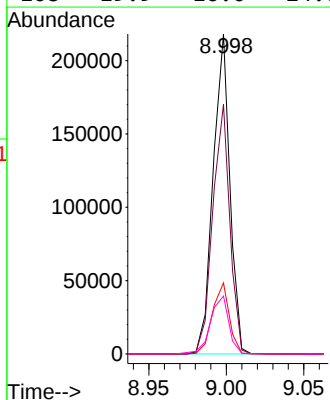
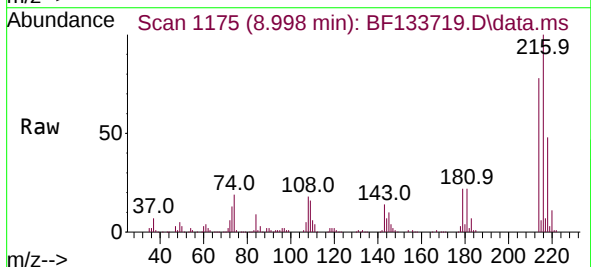
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Supervised By :mohammad
ahmed

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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.746 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

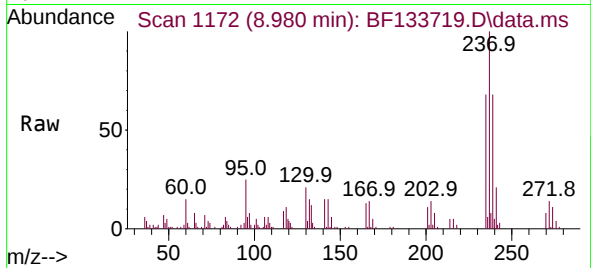
Tgt Ion:216 Resp: 163777
Ion Ratio Lower Upper
216 100
214 79.3 62.7 94.1
179 22.3 17.6 26.4
108 19.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 14.188 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



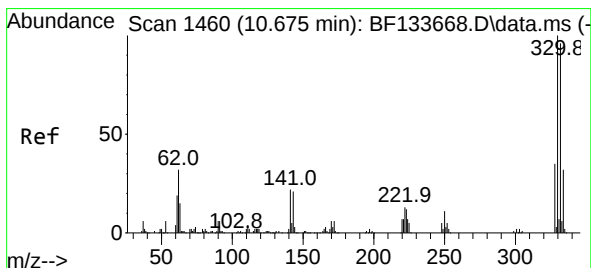
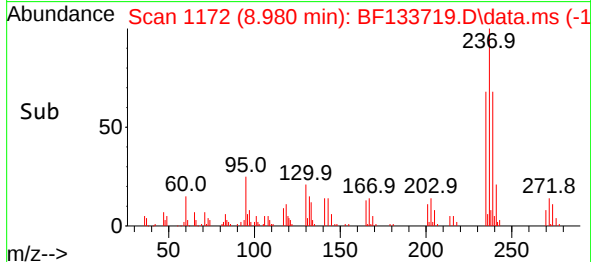
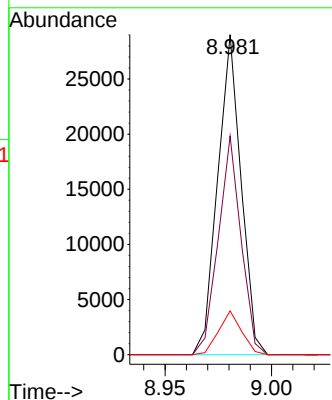
Tgt Ion:237 Resp: 2215
Ion Ratio Lower Upper
237 100
235 68.4 40.6 80.6
272 13.7 0.0 32.6

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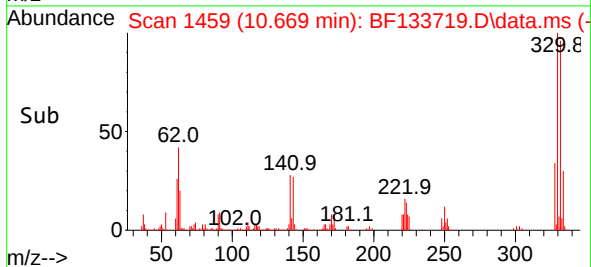
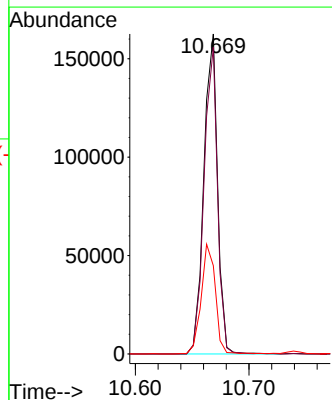
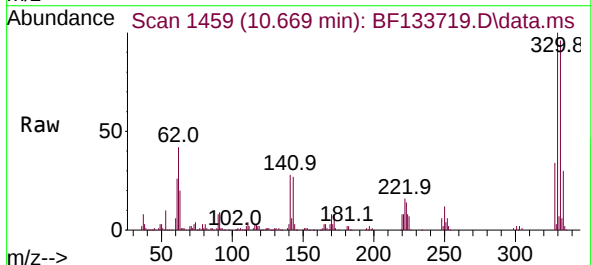
06/13/2023
Supervised By :mohammad
ahmed

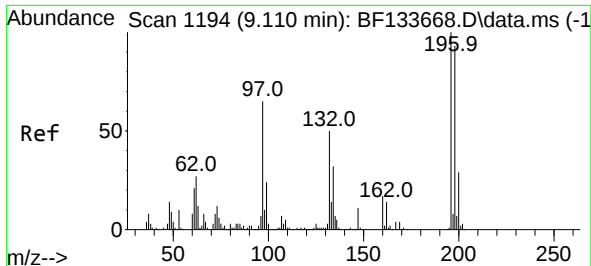
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#42
2,4,6-Tribromophenol
Concen: 93.495 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

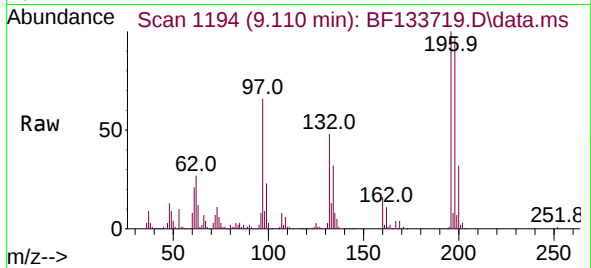
Tgt Ion:330 Resp: 136390
Ion Ratio Lower Upper
330 100
332 94.2 77.2 115.8
141 35.6 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 44.412 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



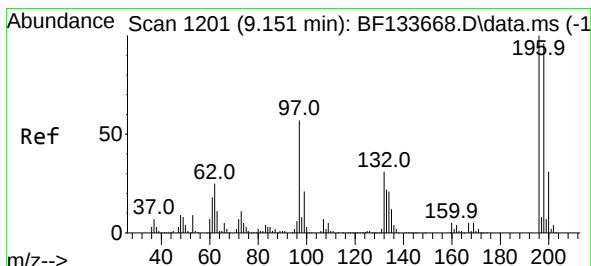
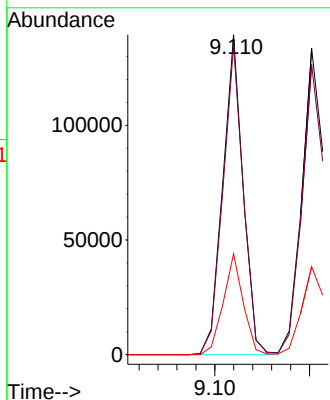
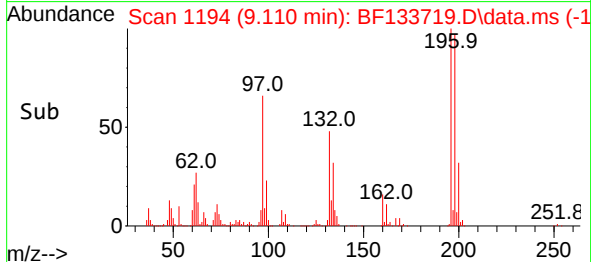
Tgt Ion:196 Resp: 103978
Ion Ratio Lower Upper
196 100
198 96.9 74.5 111.7
200 31.6 22.9 34.3

Manual Integrations
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Reviewed By :Yogesh
Patel

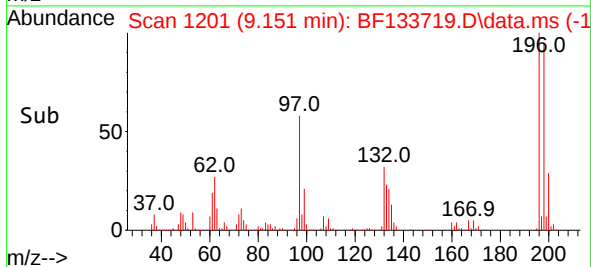
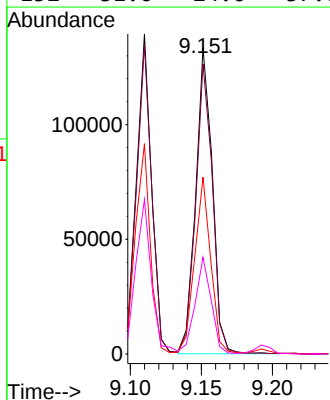
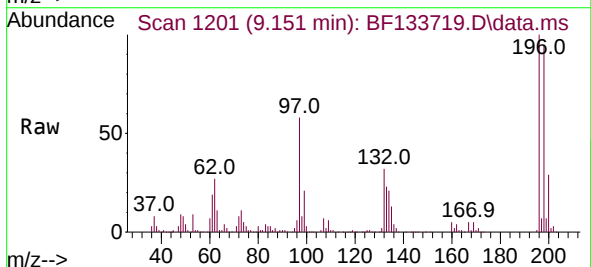
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Supervised By :mohammad
ahmed

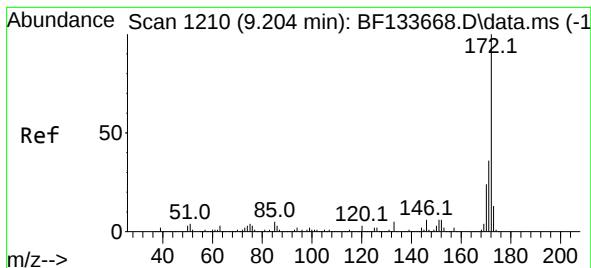
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#44
2,4,5-Trichlorophenol
Concen: 40.112 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:196 Resp: 109254
Ion Ratio Lower Upper
196 100
198 94.8 76.8 115.2
97 57.7 45.4 68.2
132 31.6 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 72.588 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD

Tgt Ion:172 Resp: 58848

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.7 19.1 28.7

Manual Integrations

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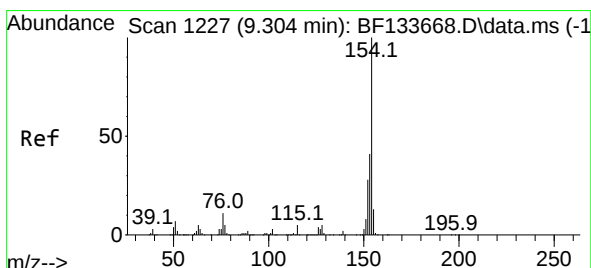
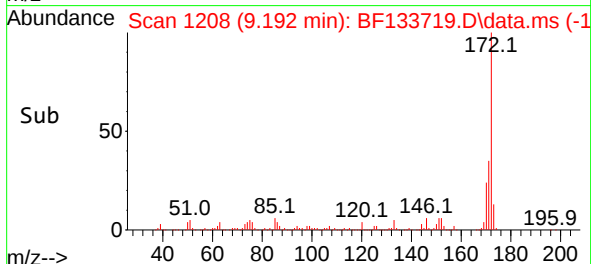
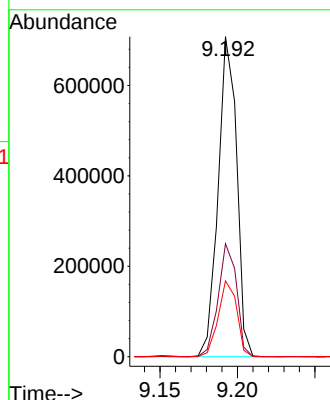
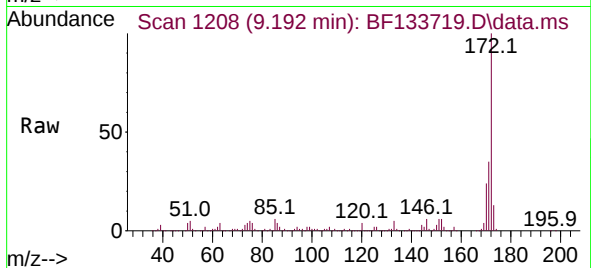
Reviewed By :Yogesh

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ahmed

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#46

1,1'-Biphenyl

Concen: 46.952 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

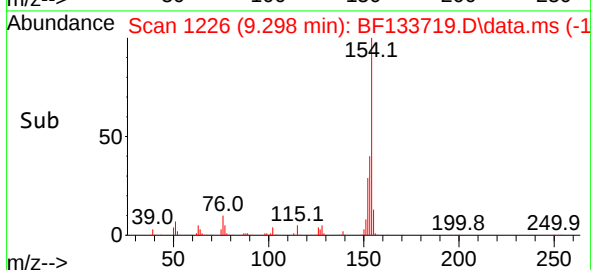
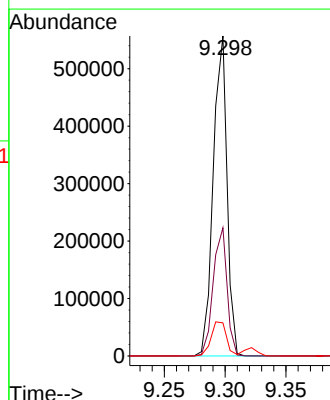
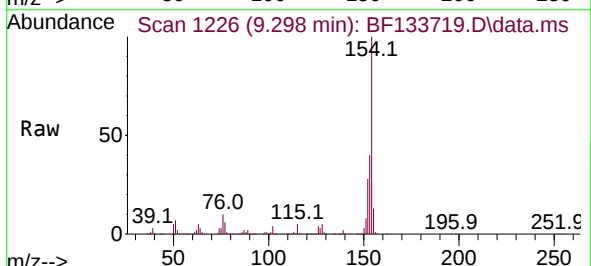
Tgt Ion:154 Resp: 436406

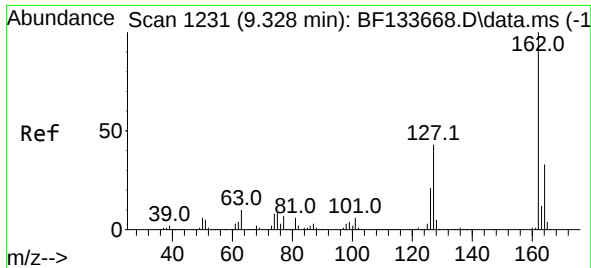
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

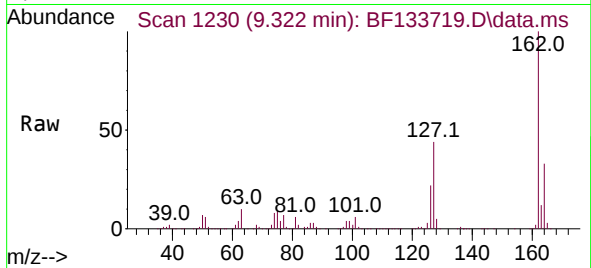
76 10.4 0.0 31.0





#47
2-Chloronaphthalene
Concen: 46.599 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



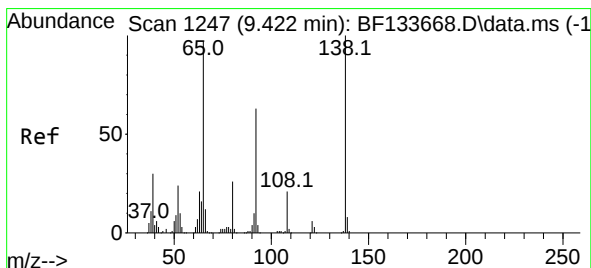
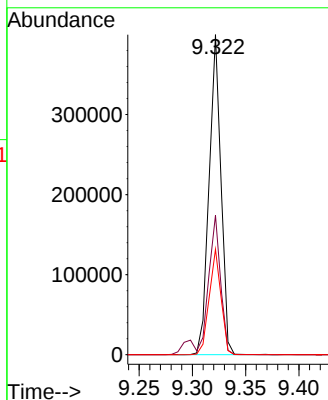
Tgt Ion:162 Resp: 310684
Ion Ratio Lower Upper
162 100
127 43.6 34.6 52.0
164 32.9 26.4 39.6

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Patel

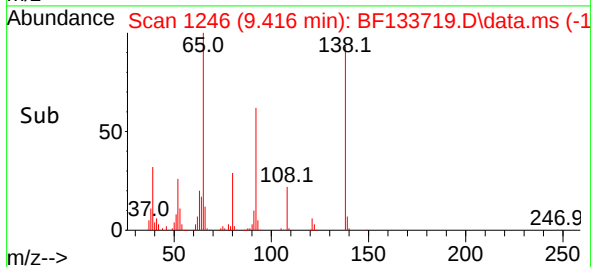
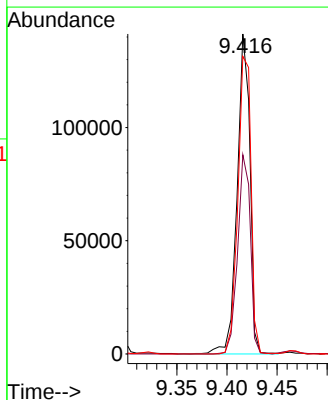
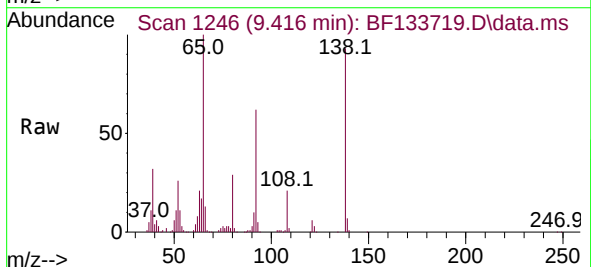
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Supervised By :mohammad
ahmed

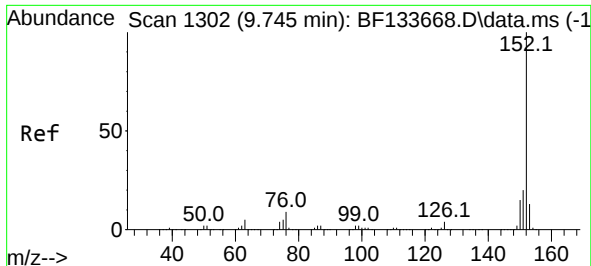
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#48
2-Nitroaniline
Concen: 51.737 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion: 65 Resp: 126154
Ion Ratio Lower Upper
65 100
92 62.3 51.8 77.6
138 93.0 82.1 123.1





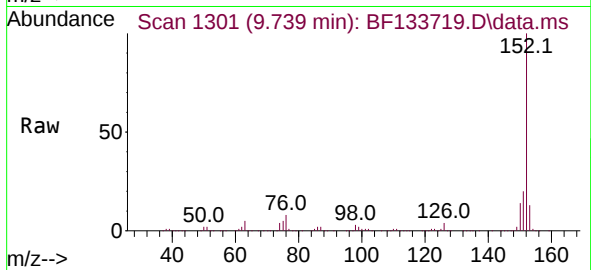
#49
Acenaphthylene
Concen: 44.356 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD



Tgt Ion:152 Resp: 514710
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 12.5 10.4 15.6

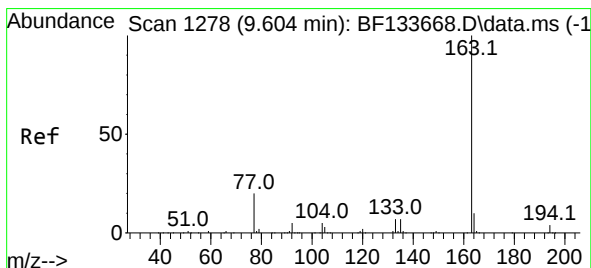
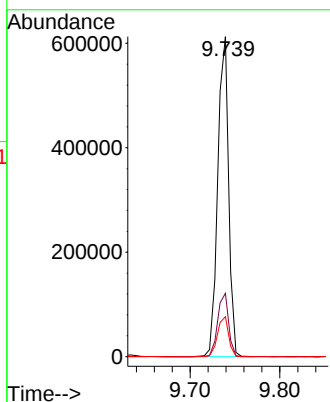
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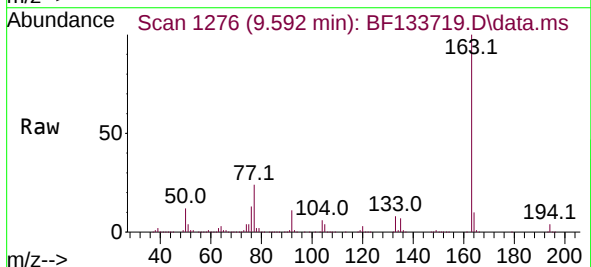
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ahmed

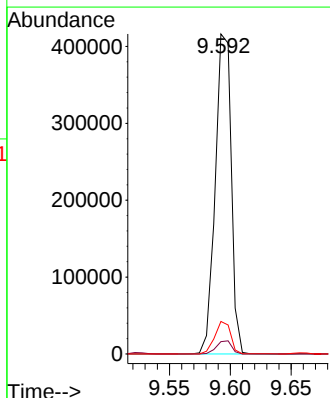
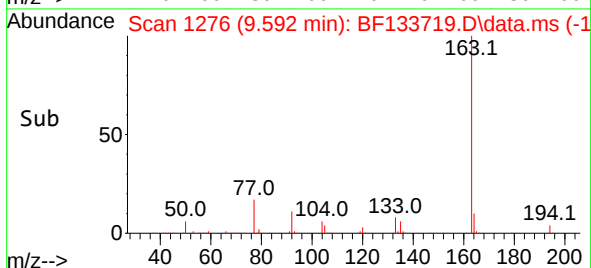
06/13/2023

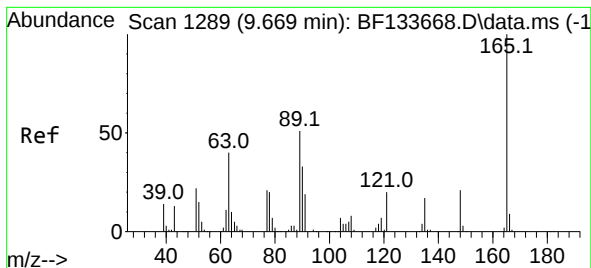


#50
Dimethylphthalate
Concen: 44.213 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24



Tgt Ion:163 Resp: 380330
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.0 12.0





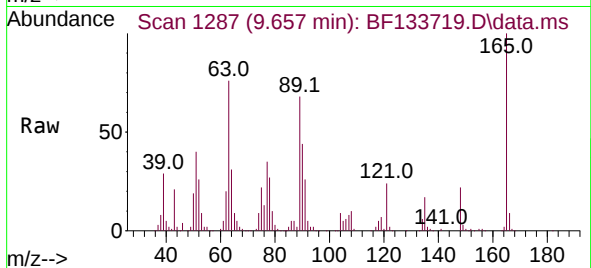
#51
2,6-Dinitrotoluene
Concen: 34.120 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD



Tgt Ion:165 Resp: 6058
Ion Ratio Lower Upper
165 100
63 75.6 42.1 63.1
89 67.5 40.9 61.3

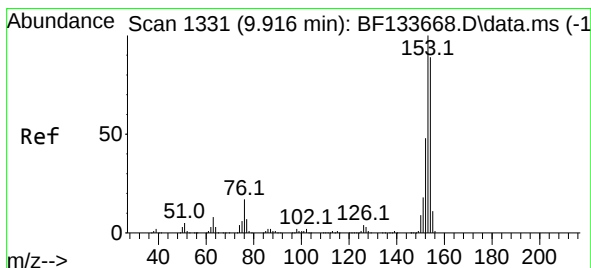
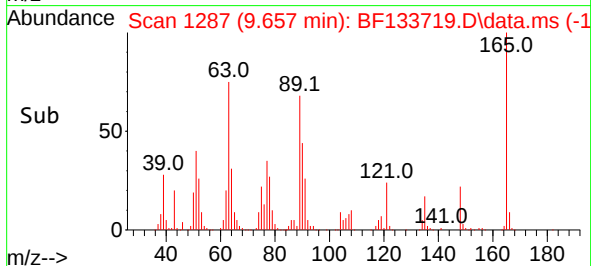
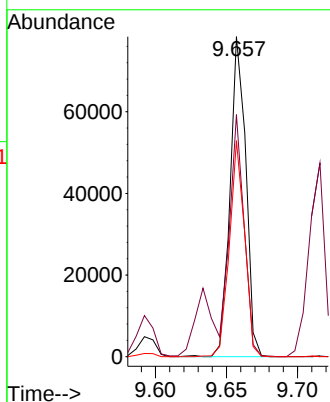
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Patel

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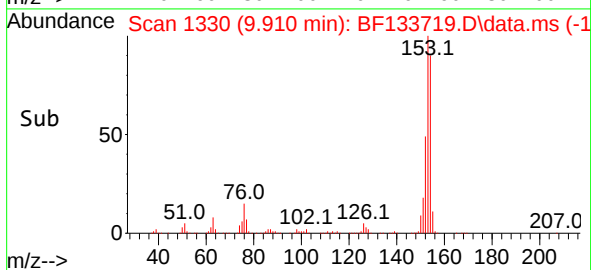
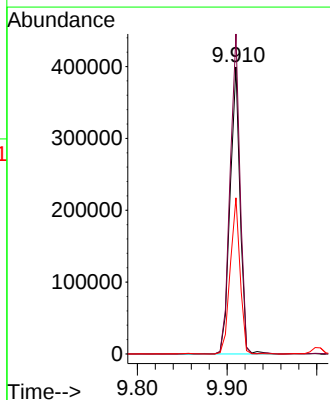
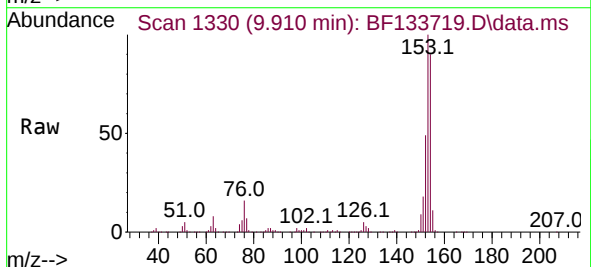
Supervised By :mohammad
ahmed

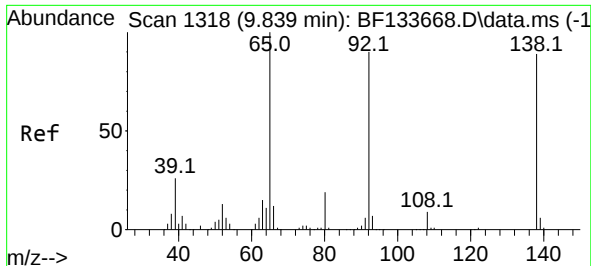
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#52
Acenaphthene
Concen: 45.575 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

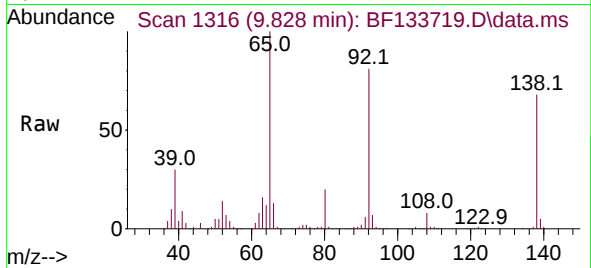
Tgt Ion:154 Resp: 309562
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 54.4 43.4 65.2





#53
3-Nitroaniline
Concen: 45.802 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



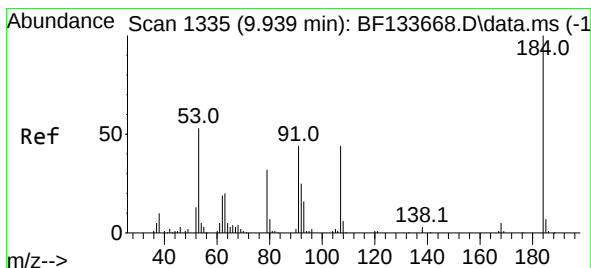
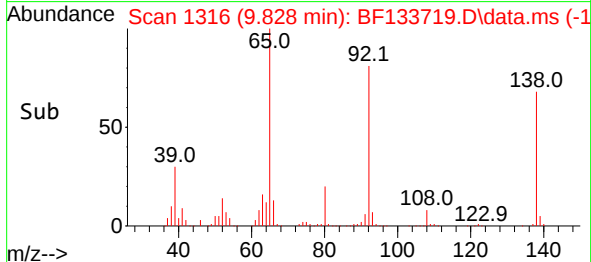
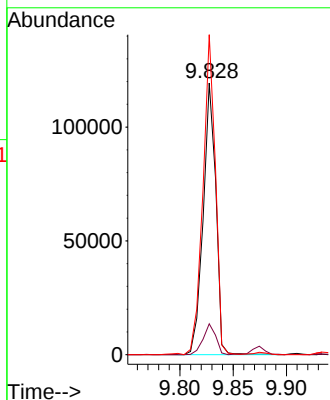
Tgt Ion:138 Resp: 98960
Ion Ratio Lower Upper
138 100
108 11.4 8.2 12.4
92 117.8 81.0 121.6

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Patel

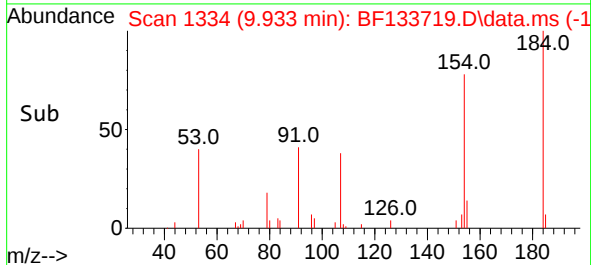
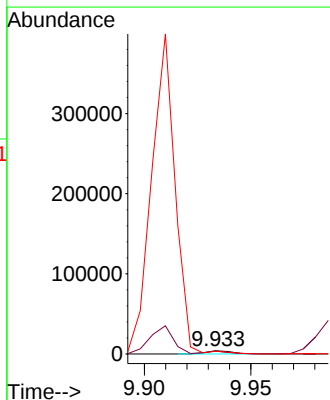
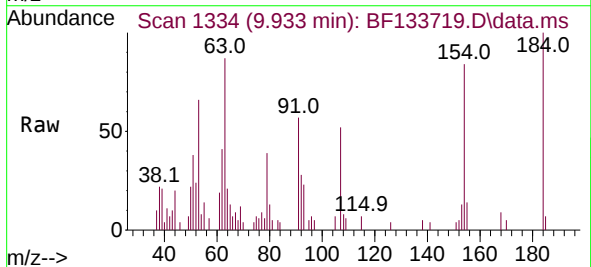
06/13/2023
Supervised By :mohammad
ahmed

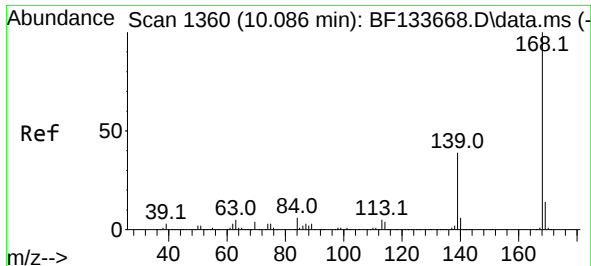
06/13/2023



#54
2,4-Dinitrophenol
Concen: 9.256 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

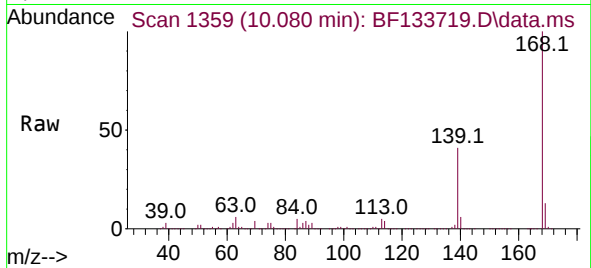
Tgt Ion:184 Resp: 3307
Ion Ratio Lower Upper
184 100
63 87.4 55.3 82.9#
154 83.8 51.9 77.9#





#55
Dibenzenofuran
Concen: 44.139 ng
RT: 10.080 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



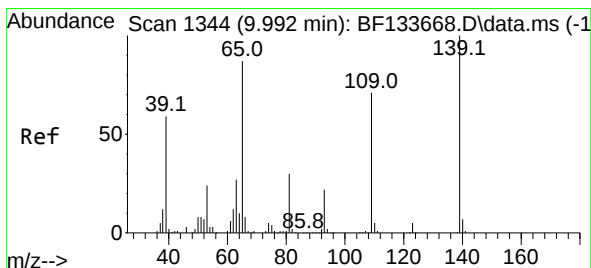
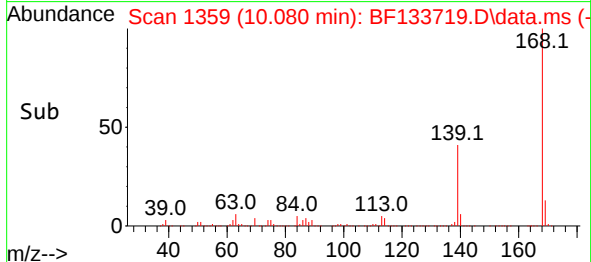
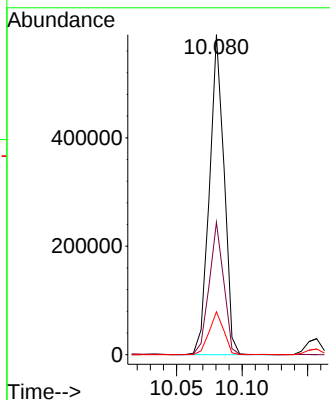
Tgt Ion:168 Resp: 457479
Ion Ratio Lower Upper
168 100
139 41.4 30.9 46.3
169 13.4 10.9 16.3

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Patel

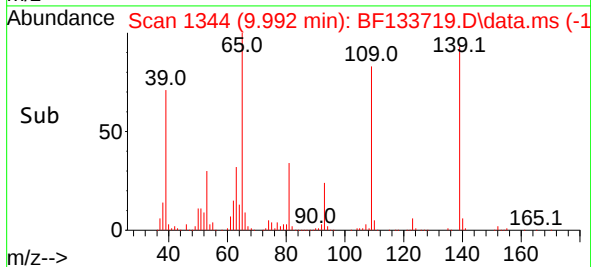
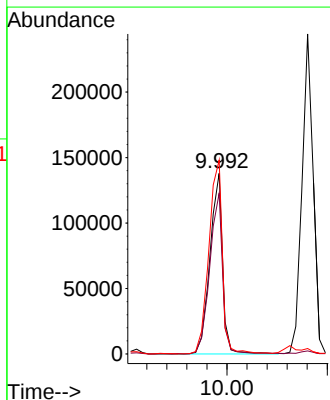
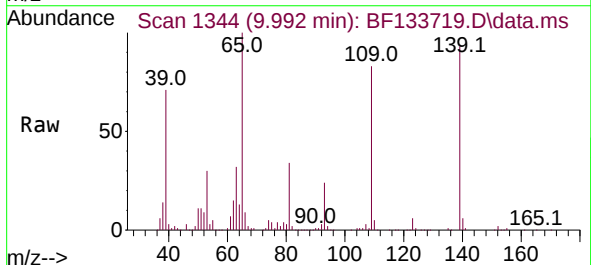
06/13/2023
Supervised By :mohammad
ahmed

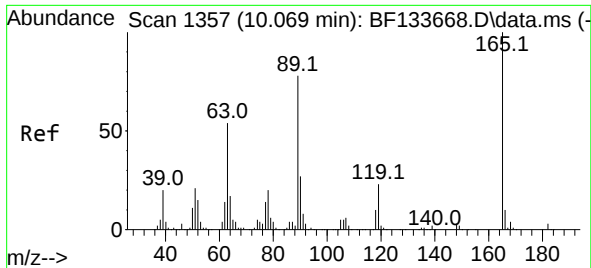
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#56
4-Nitrophenol
Concen: 83.426 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

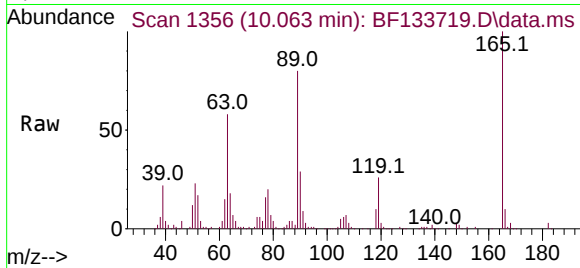
Tgt Ion:139 Resp: 121656
Ion Ratio Lower Upper
139 100
109 89.0 50.7 90.7
65 107.3 67.1 107.1#





#57
2,4-Dinitrotoluene
Concen: 31.617 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



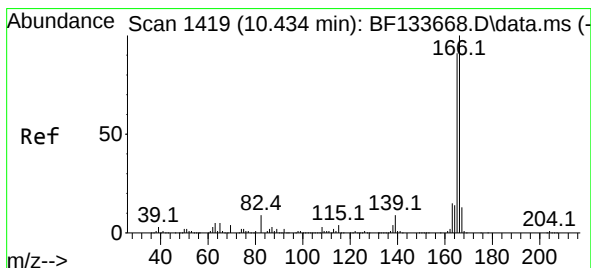
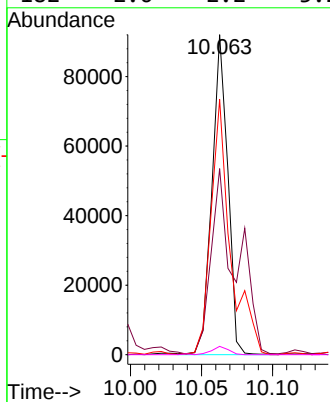
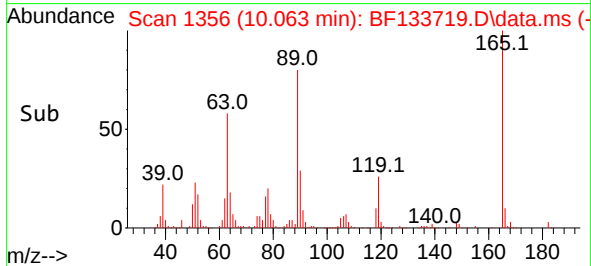
Tgt Ion:165 Resp: 7139
Ion Ratio Lower Upper
165 100
63 58.1 43.0 64.6
89 79.8 62.6 93.8
182 2.6 2.2 3.2

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Patel

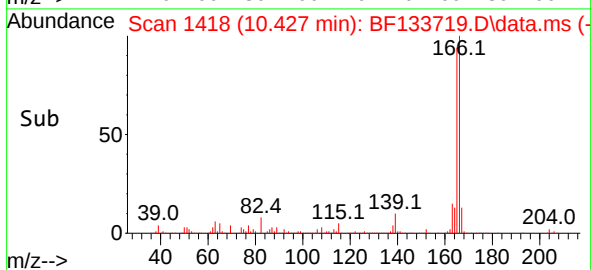
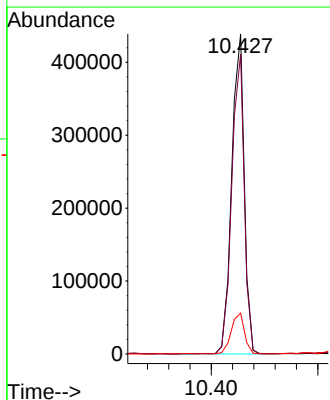
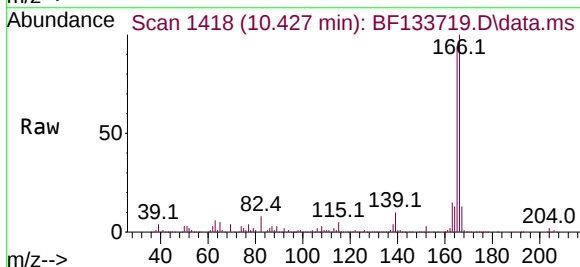
06/13/2023
Supervised By :mohammad
ahmed

06/13/2023



#58
Fluorene
Concen: 45.195 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

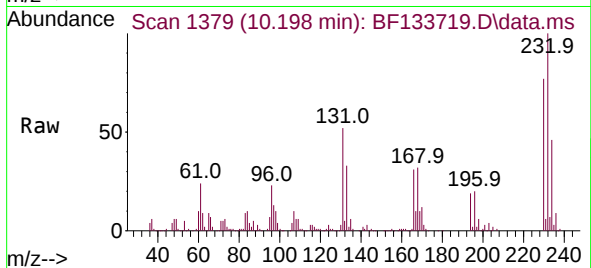
Tgt Ion:166 Resp: 358216
Ion Ratio Lower Upper
166 100
165 93.7 73.1 109.7
167 12.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.492 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



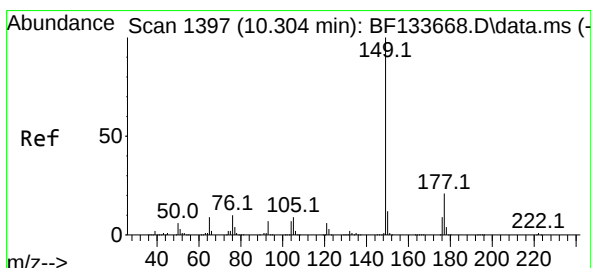
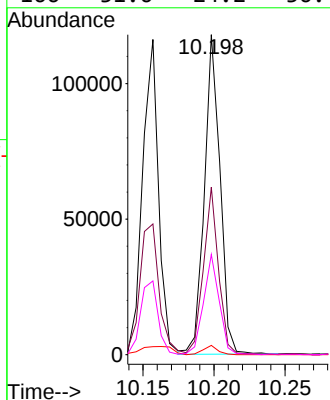
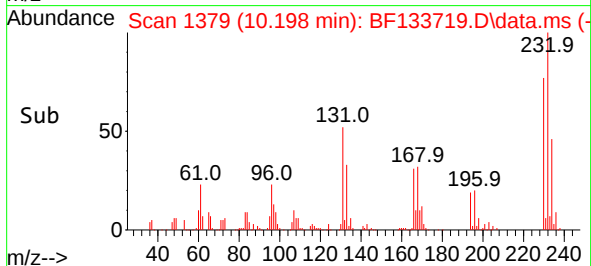
Tgt Ion:232 Resp: 90729
Ion Ratio Lower Upper
232 100
131 50.6 38.0 57.0
130 2.7 1.8 2.8
166 31.6 24.2 36.4

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Patel

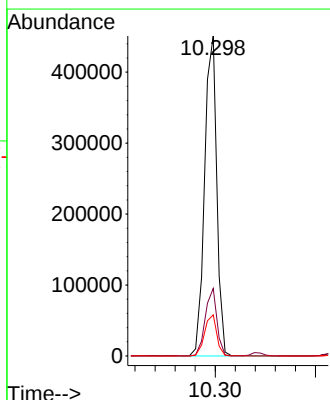
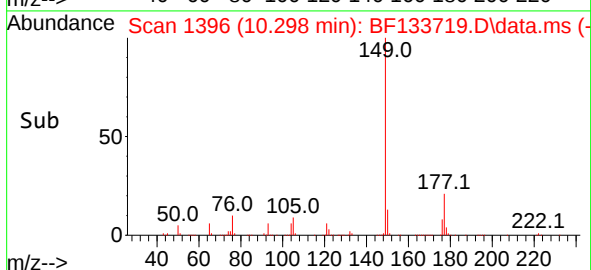
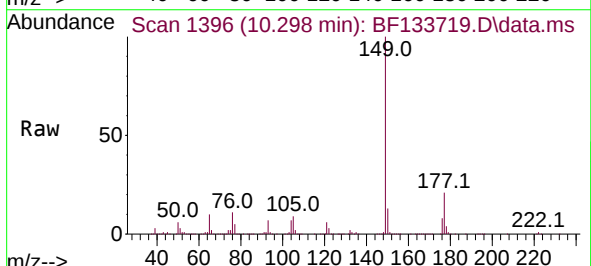
06/13/2023
Supervised By :mohammad
ahmed

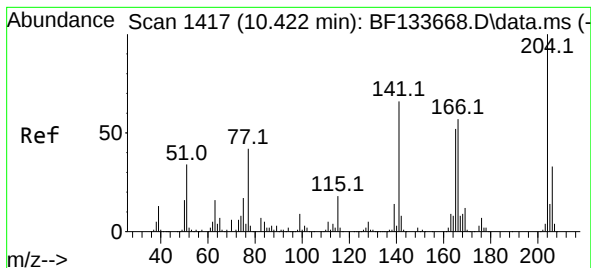
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#60
Diethylphthalate
Concen: 43.687 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

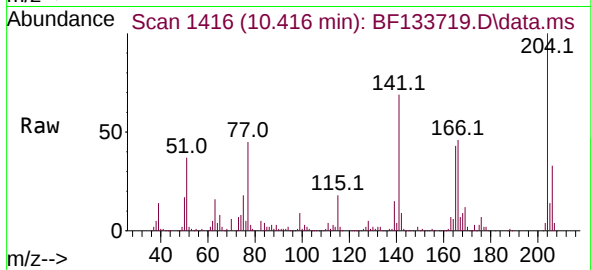
Tgt Ion:149 Resp: 382474
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 42.647 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



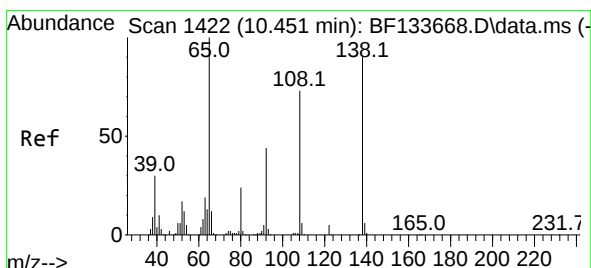
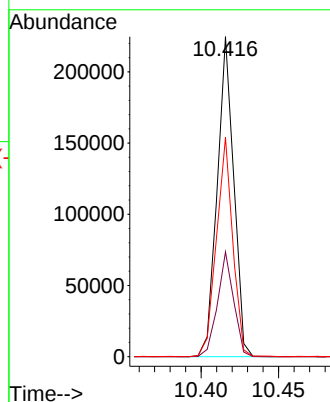
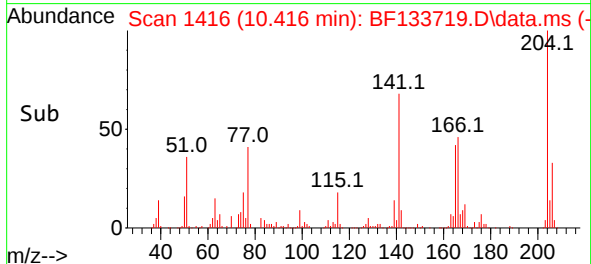
Tgt Ion:204 Resp: 16687
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 68.6 52.8 79.2

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Reviewed By :Yogesh
Patel

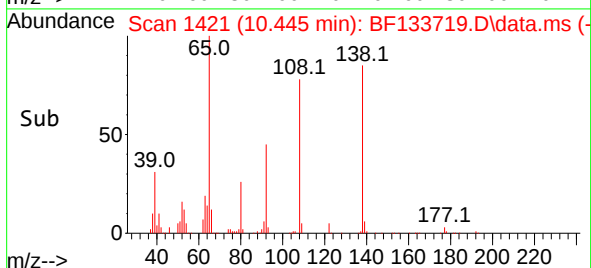
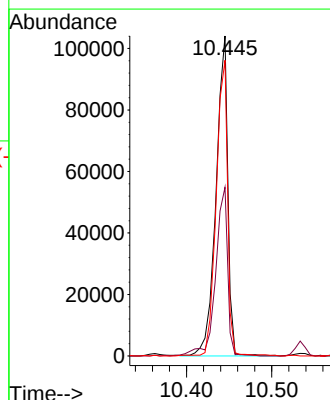
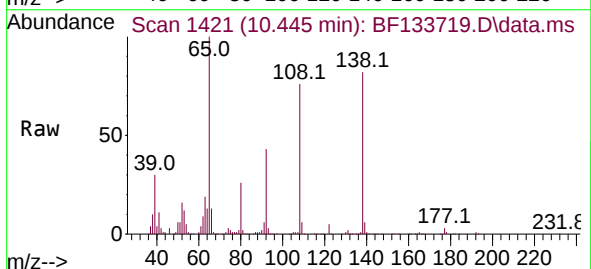
06/13/2023
Supervised By :mohammad
ahmed

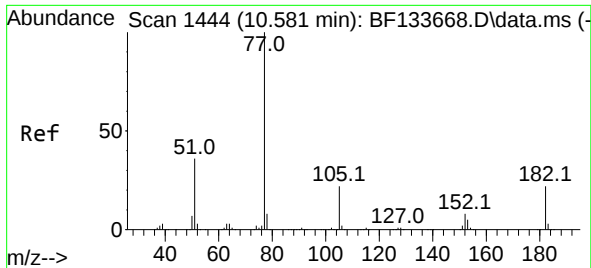
06/13/2023



#62
4-Nitroaniline
Concen: 47.449 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

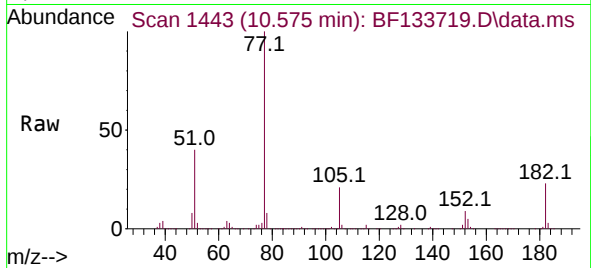
Tgt Ion:138 Resp: 100523
Ion Ratio Lower Upper
138 100
92 52.7 28.9 68.9
108 92.4 61.0 101.0





#63
Azobenzene
Concen: 42.801 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



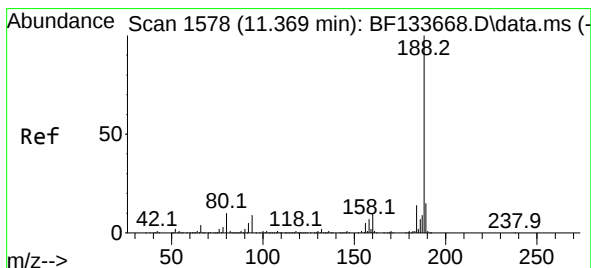
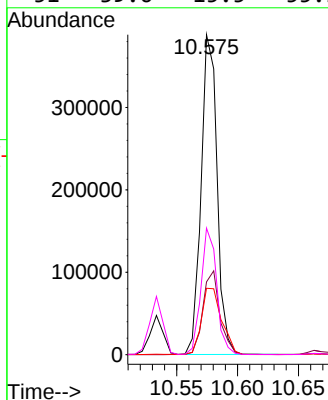
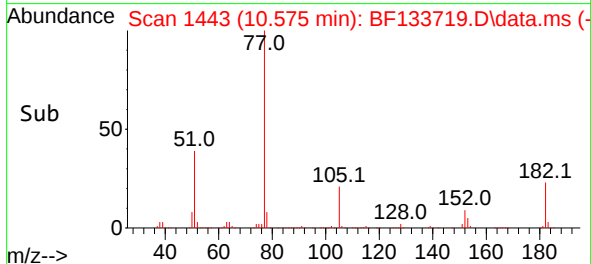
Tgt Ion: 77 Resp: 35473
Ion Ratio Lower Upper
77 100
182 22.7 1.6 41.6
105 20.7 1.6 41.6
51 39.6 15.5 55.5

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Reviewed By :Yogesh
Patel

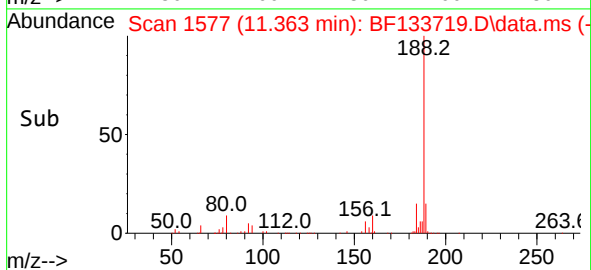
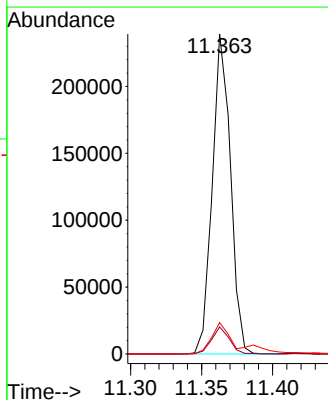
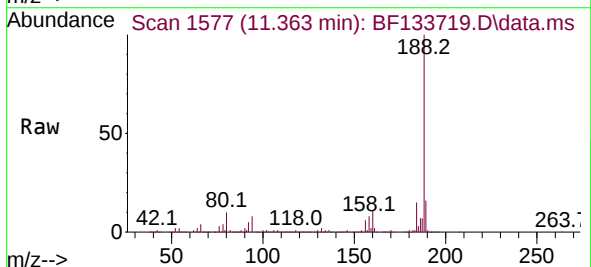
06/13/2023
Supervised By :mohammad
ahmed

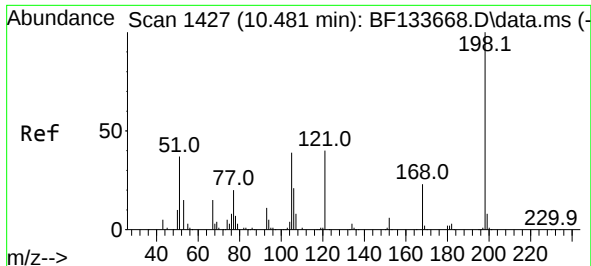
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

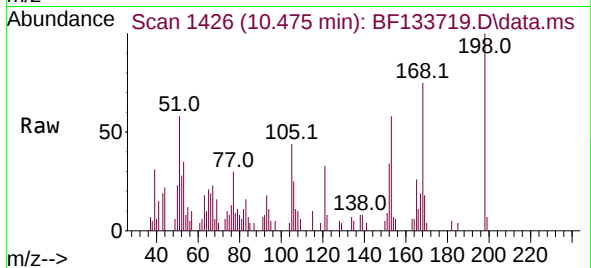
Tgt Ion:188 Resp: 212535
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.8 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 3.280 ng
RT: 10.475 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



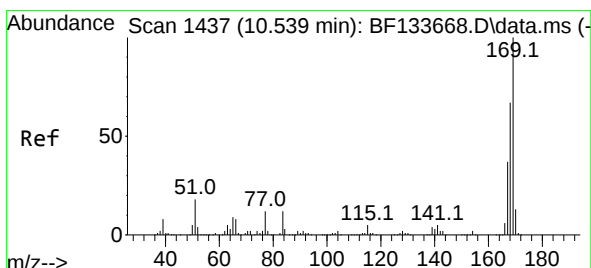
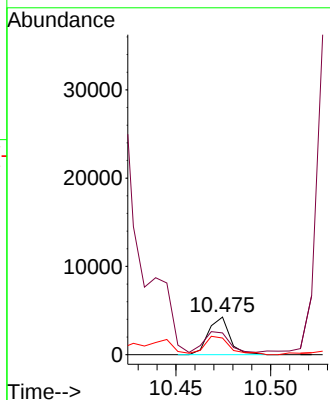
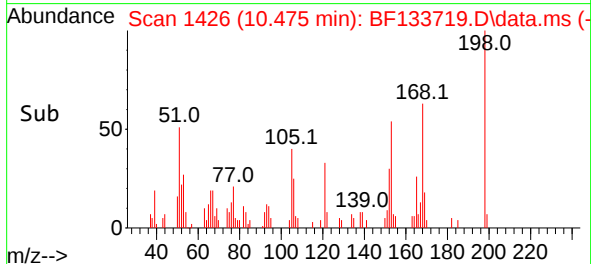
Tgt Ion:198 Resp: 333
Ion Ratio Lower Upper
198 100
51 57.9 27.5 67.5
105 44.2 21.0 61.0

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Reviewed By :Yogesh
Patel

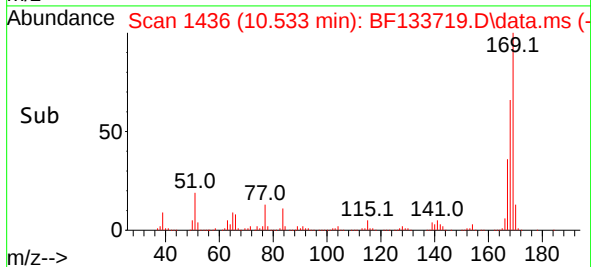
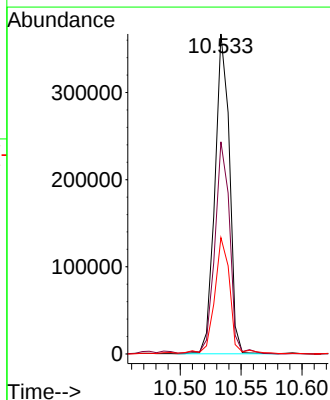
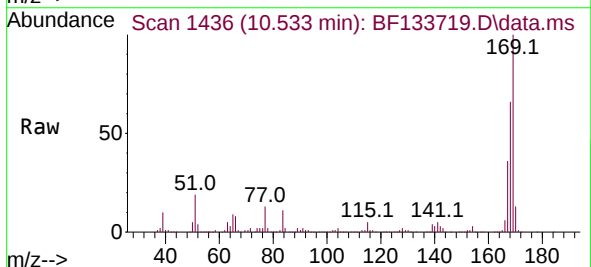
06/13/2023
Supervised By :mohammad
ahmed

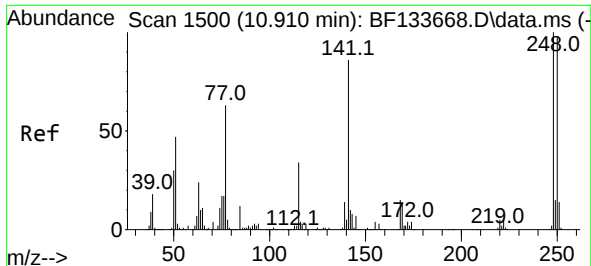
06/13/2023



#66
n-Nitrosodiphenylamine
Concen: 42.704 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

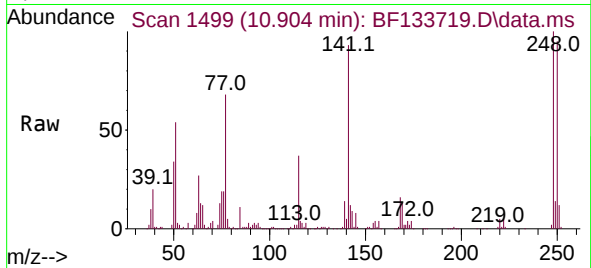
Tgt Ion:169 Resp: 304868
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.4 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 41.967 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



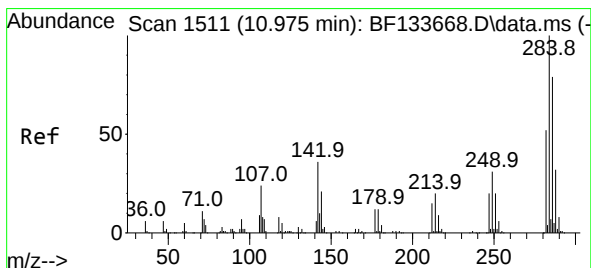
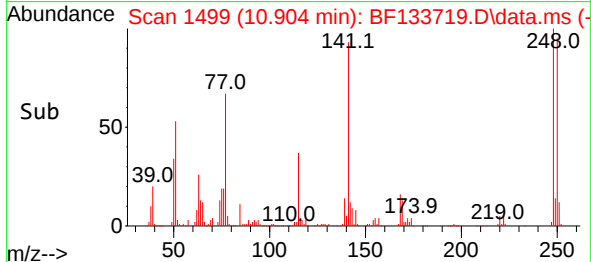
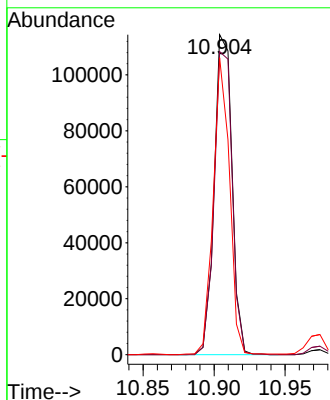
Tgt Ion:248 Resp: 99552
Ion Ratio Lower Upper
248 100
250 94.7 78.3 117.5
141 92.8 69.0 103.6

Manual Integrations
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Reviewed By :Yogesh
Patel

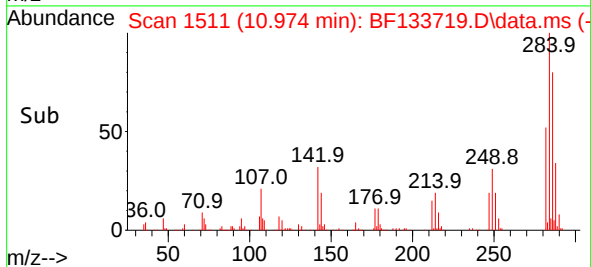
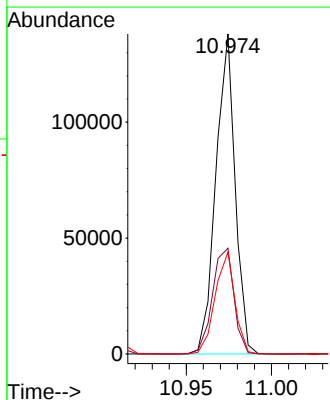
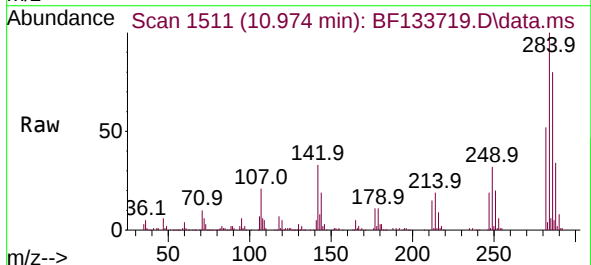
06/13/2023
Supervised By :mohammad
ahmed

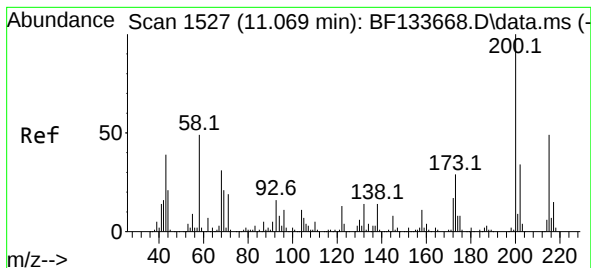
06/13/2023



#68
Hexachlorobenzene
Concen: 43.540 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:284 Resp: 108612
Ion Ratio Lower Upper
284 100
142 33.0 28.6 42.8
249 31.8 24.6 36.8





#69

Atrazine

Concen: 44.782 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD

Tgt Ion:200 Resp: 92762
 Ion Ratio Lower Upper
 200 100
 173 26.7 8.7 48.7
 215 46.4 29.0 69.0

Manual Integrations

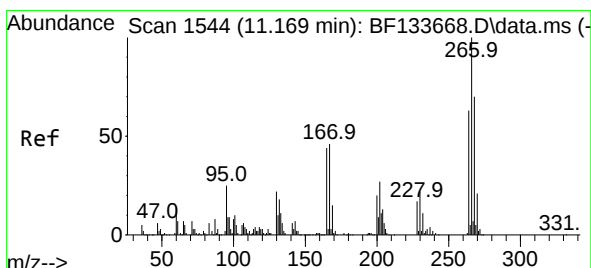
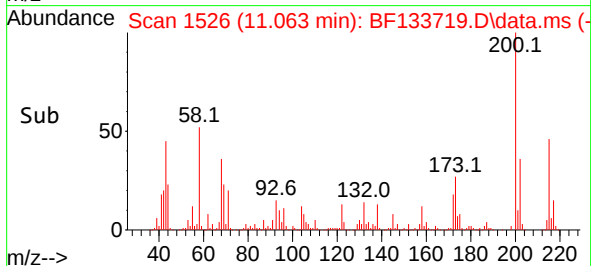
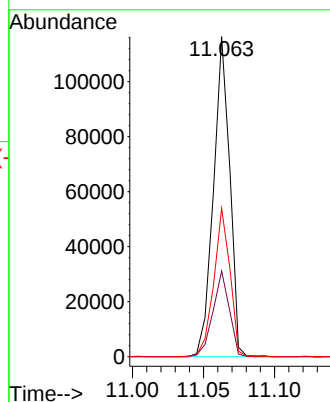
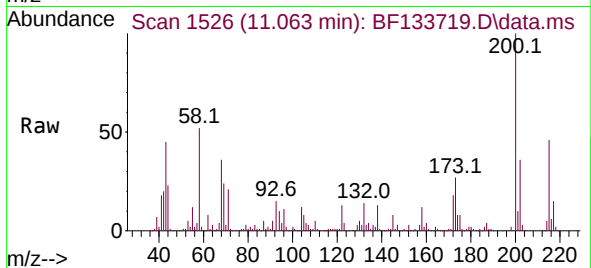
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Reviewed By :Yogesh
 Patel

06/13/2023

Supervised By :mohammad
 ahmed

06/13/2023



#70

Pentachlorophenol

Concen: 74.955 ng

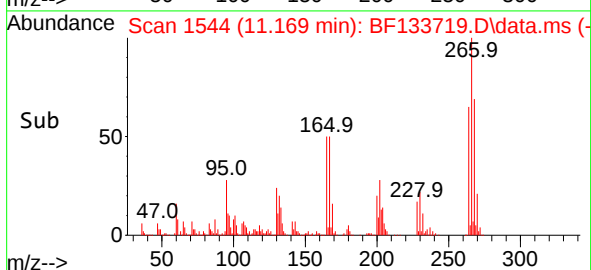
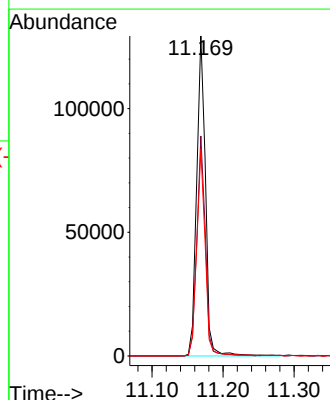
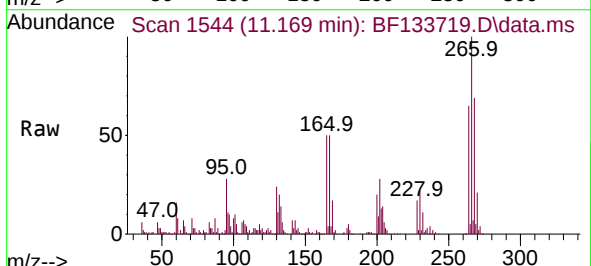
RT: 11.169 min Scan# 1544

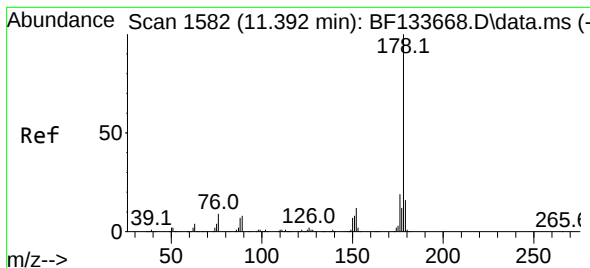
Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

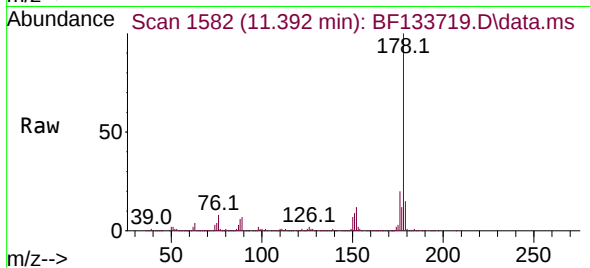
Tgt Ion:266 Resp: 111963
 Ion Ratio Lower Upper
 266 100
 268 68.8 55.7 83.5
 264 64.5 50.7 76.1





#71
Phenanthrene
Concen: 66.139 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



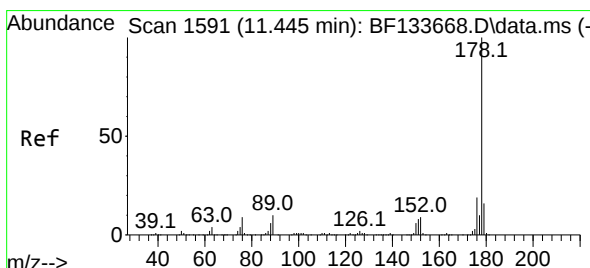
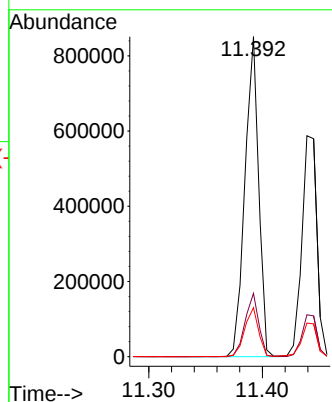
Tgt Ion:178 Resp: 71317
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.3 12.4 18.6

Manual Integrations
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Reviewed By :Yogesh
Patel

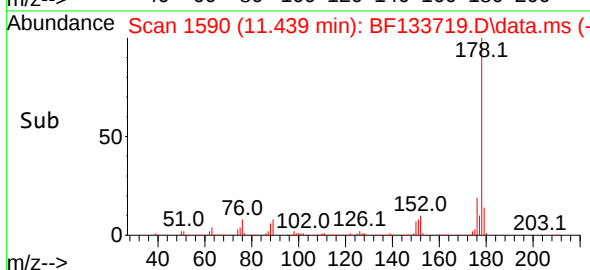
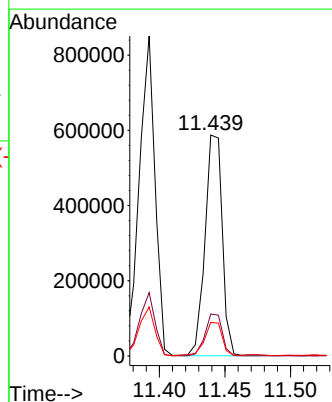
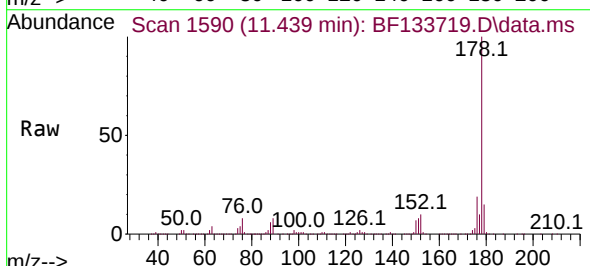
06/13/2023
Supervised By :mohammad
ahmed

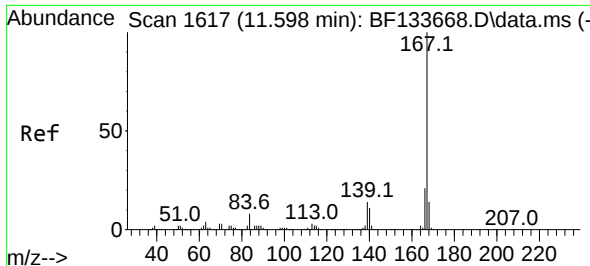
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#72
Anthracene
Concen: 48.051 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

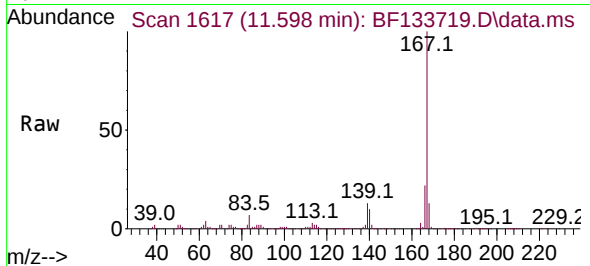
Tgt Ion:178 Resp: 540248
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 12.6 18.8





#73
 Carbazole
 Concen: 45.211 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF133719.D
 Acq: 12 Jun 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-5-7.0MSD



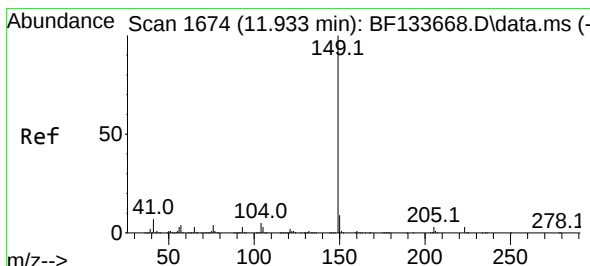
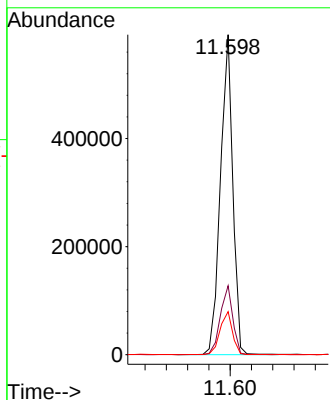
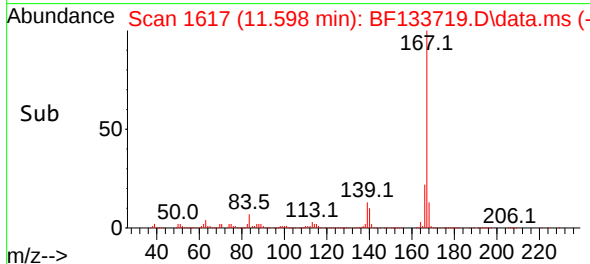
Tgt Ion:167 Resp: 473428
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.5 11.2 16.8

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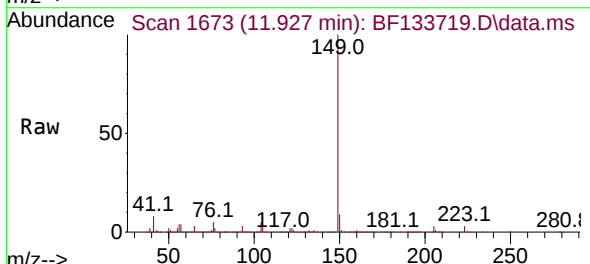
Reviewed By :Yogesh
 Patel

06/13/2023
 Supervised By :mohammad
 ahmed

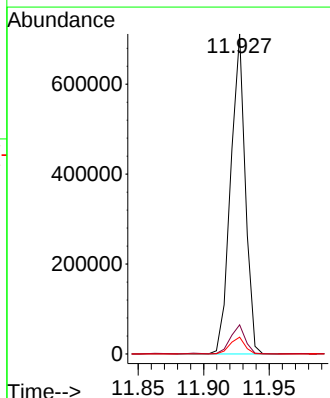
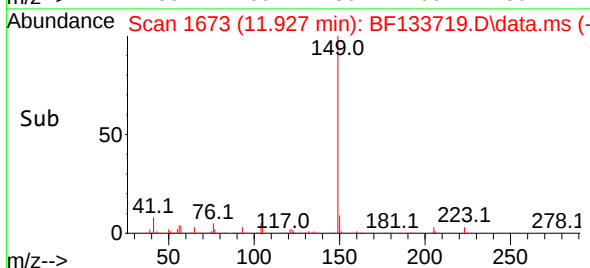
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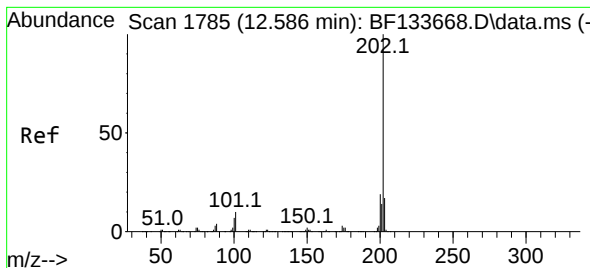


#74
 Di-n-butylphthalate
 Concen: 41.204 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF133719.D
 Acq: 12 Jun 2023 23:24



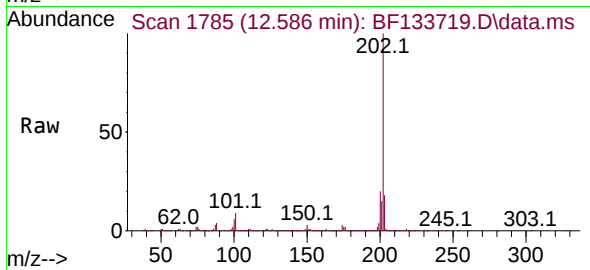
Tgt Ion:149 Resp: 553140
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 77.264 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



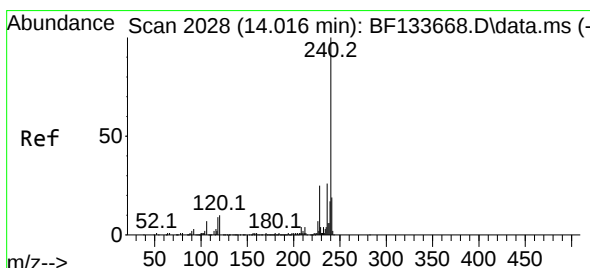
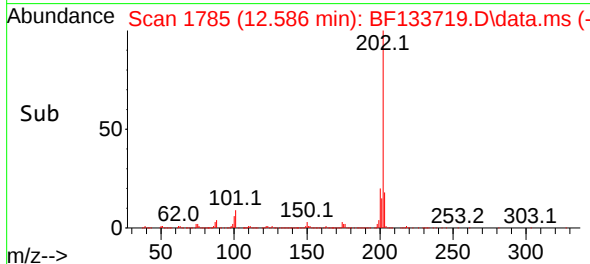
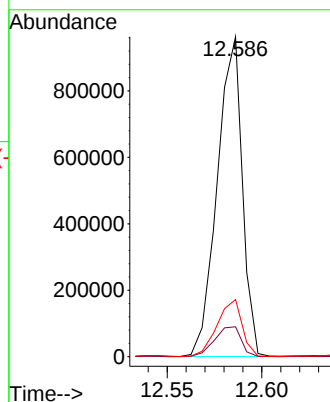
Tgt Ion:202 Resp: 884728
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.6
203 17.8 0.0 37.4

Manual Integrations
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Reviewed By :Yogesh
Patel

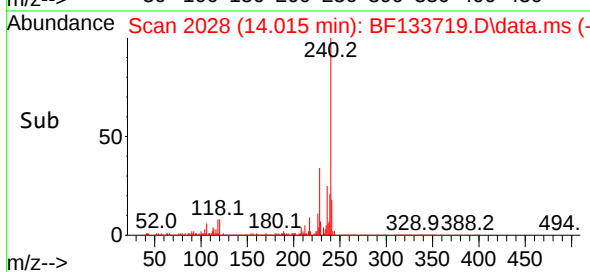
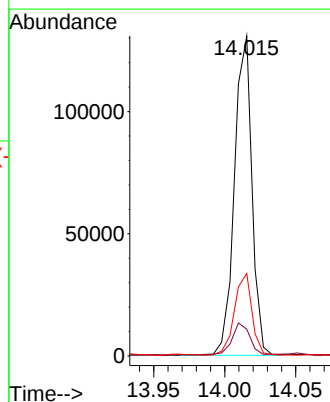
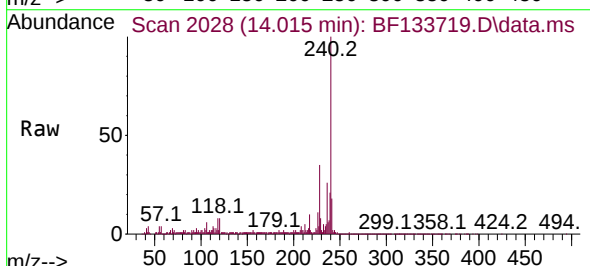
06/13/2023
Supervised By :mohammad
ahmed

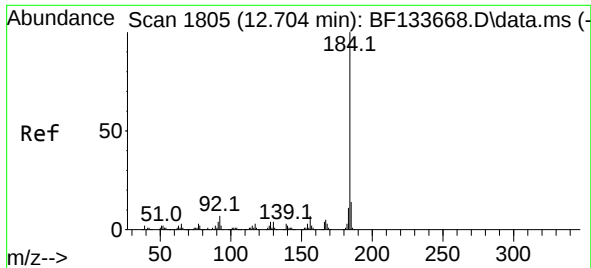
06/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

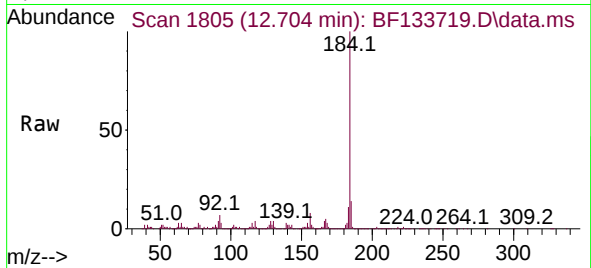
Tgt Ion:240 Resp: 111958
Ion Ratio Lower Upper
240 100
120 8.4 8.1 12.1
236 25.8 20.5 30.7





#77
Benzidine
Concen: 64.467 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



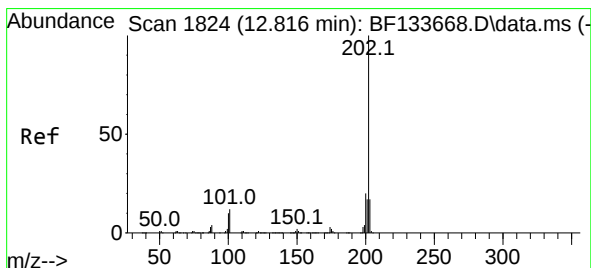
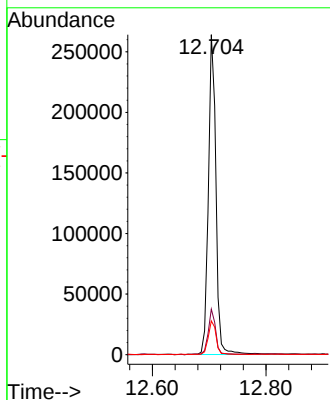
Tgt Ion:184 Resp: 242193
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.6 8.4 12.6

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Reviewed By :Yogesh
Patel

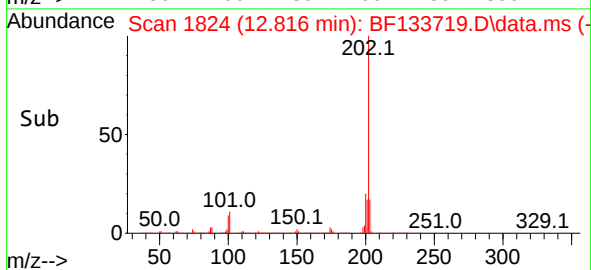
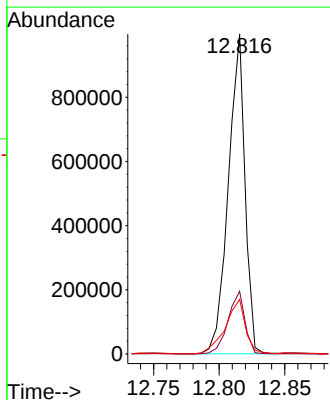
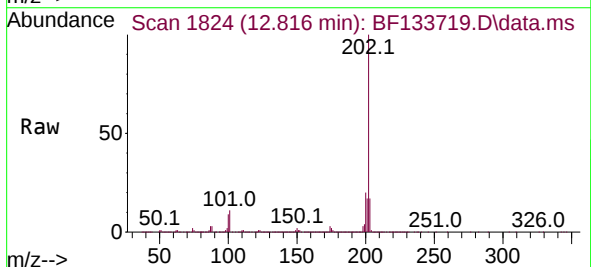
06/13/2023
Supervised By :mohammad
ahmed

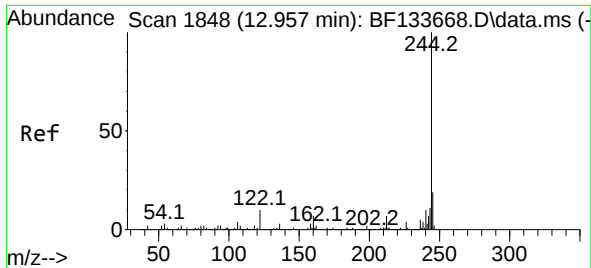
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#78
Pyrene
Concen: 84.409 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.006 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

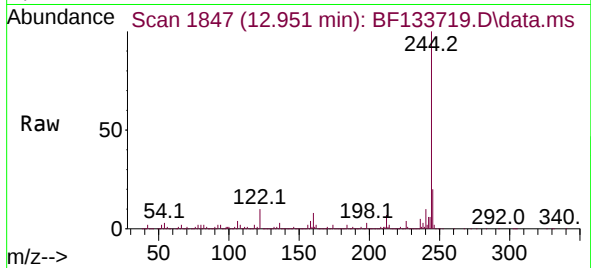
Tgt Ion:202 Resp: 880327
Ion Ratio Lower Upper
202 100
200 19.6 16.2 24.2
203 17.1 13.9 20.9





#79
 Terphenyl-d14
 Concen: 74.557 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133719.D
 Acq: 12 Jun 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-5-7.0MSD



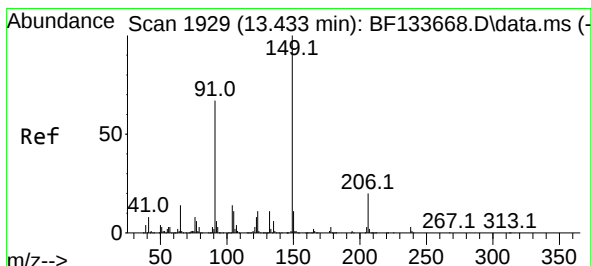
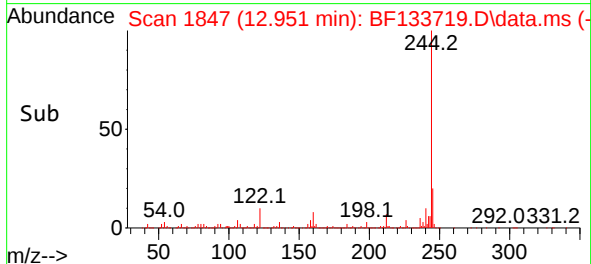
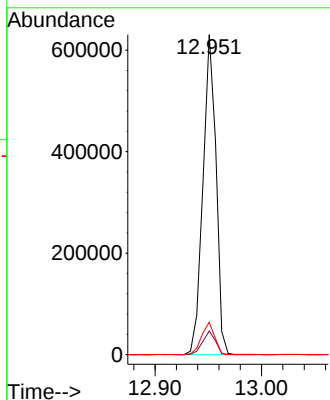
Tgt Ion:244 Resp: 53945
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 10.2 8.1 12.1

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Reviewed By :Yogesh
 Patel

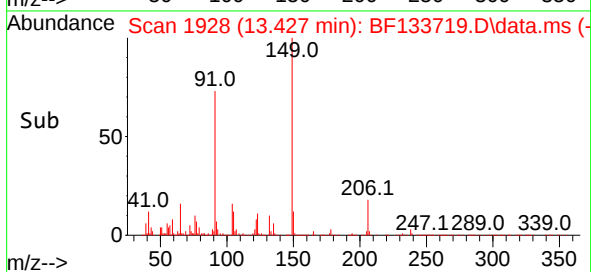
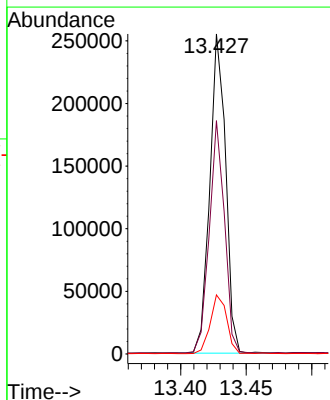
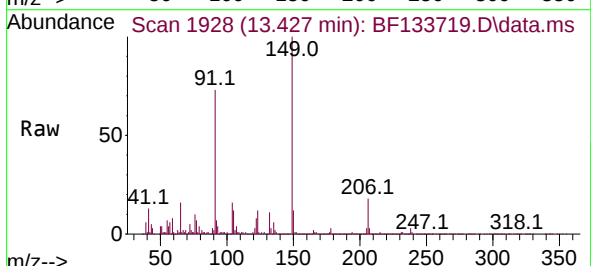
06/13/2023
 Supervised By :mohammad
 ahmed

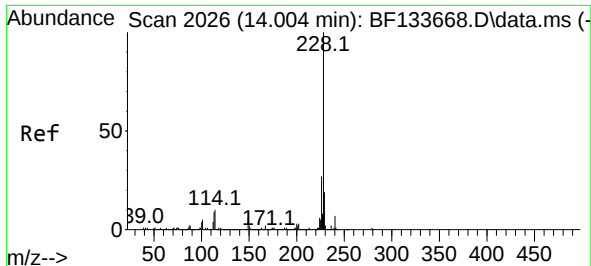
06/13/2023



#80
 Butylbenzylphthalate
 Concen: 48.666 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BF133719.D
 Acq: 12 Jun 2023 23:24

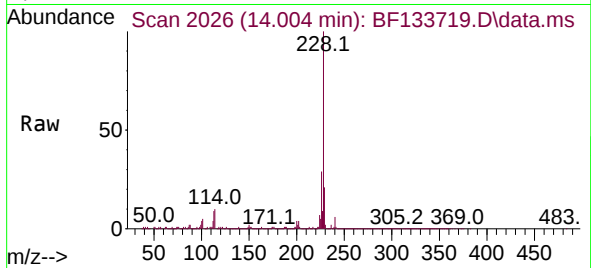
Tgt Ion:149 Resp: 214270
 Ion Ratio Lower Upper
 149 100
 91 72.9 54.0 81.0
 206 18.4 15.6 23.4





#81
Benzo(a)anthracene
Concen: 64.398 ng
RT: 14.004 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



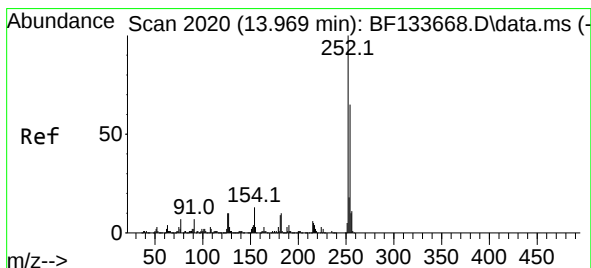
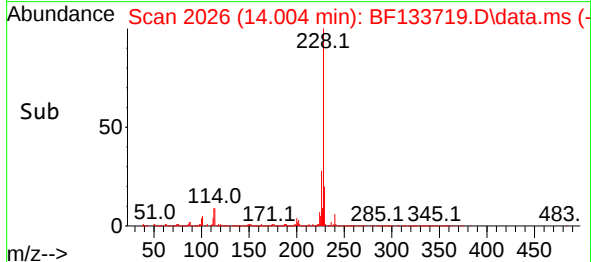
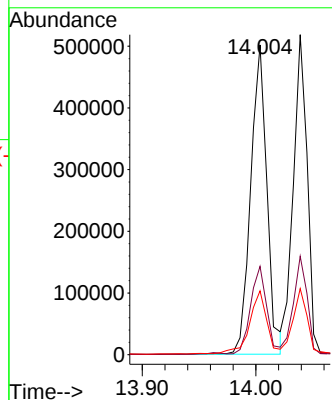
Tgt Ion:228 Resp: 498710
Ion Ratio Lower Upper
228 100
226 28.5 21.7 32.5
229 20.6 15.4 23.2

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Reviewed By :Yogesh
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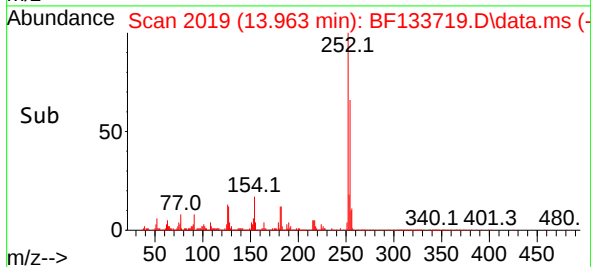
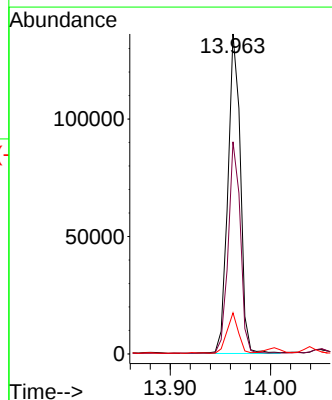
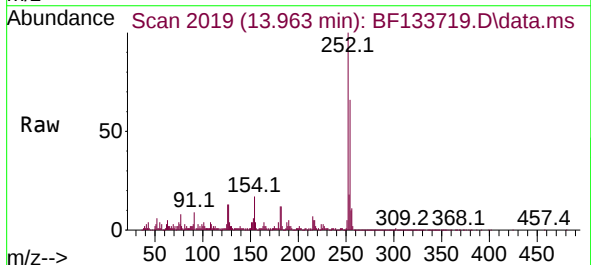
06/13/2023
Supervised By :mohammad
ahmed

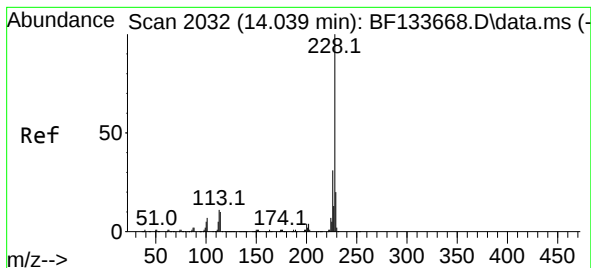
06/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 45.581 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:252 Resp: 117354
Ion Ratio Lower Upper
252 100
254 66.3 51.9 77.9
126 12.9 7.7 11.5





#83

Chrysene

Concen: 60.015 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD

Tgt Ion:228 Resp: 43958

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 20.7 15.8 23.8

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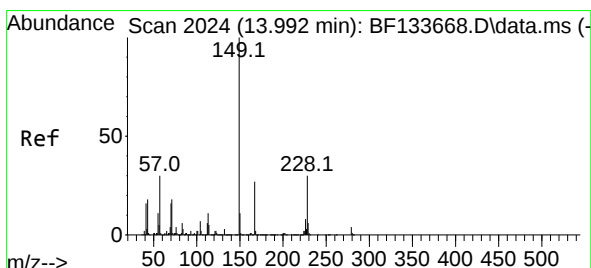
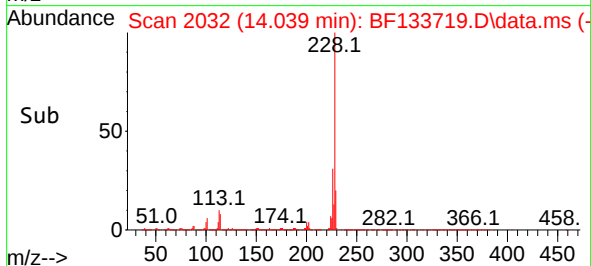
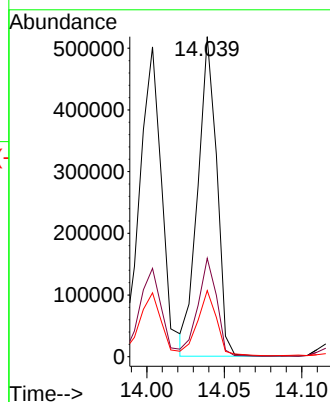
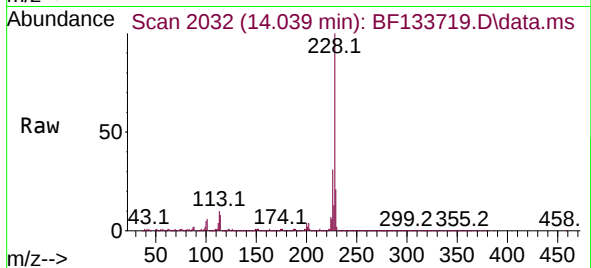
Reviewed By :Yogesh

Patel

06/13/2023

Supervised By :mohammad
ahmed

06/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.696 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

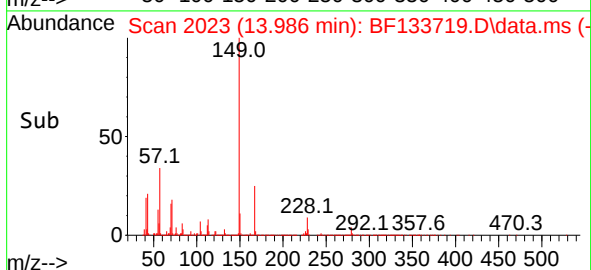
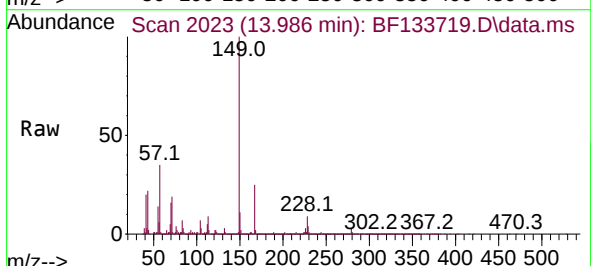
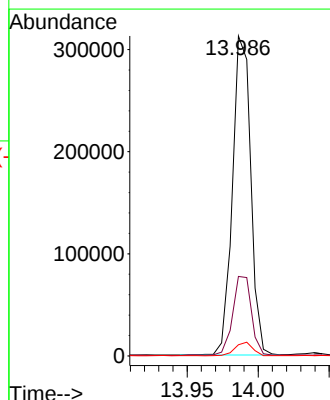
Tgt Ion:149 Resp: 280259

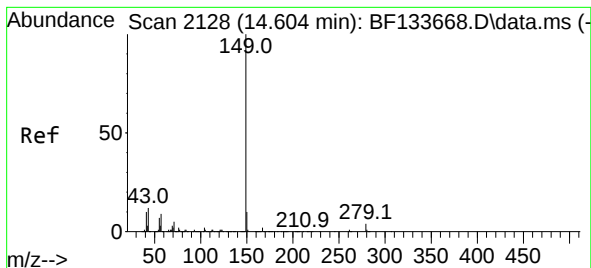
Ion Ratio Lower Upper

149 100

167 24.8 21.8 32.8

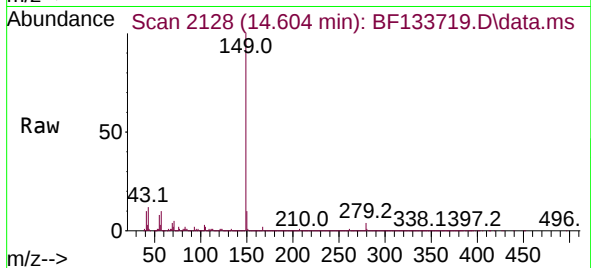
279 3.5 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 52.410 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



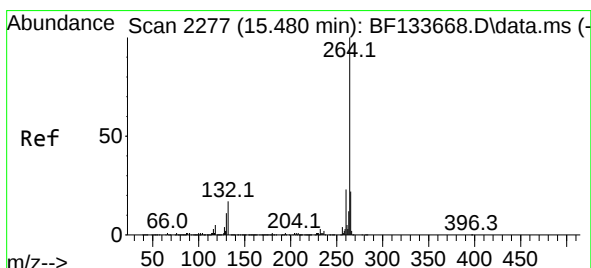
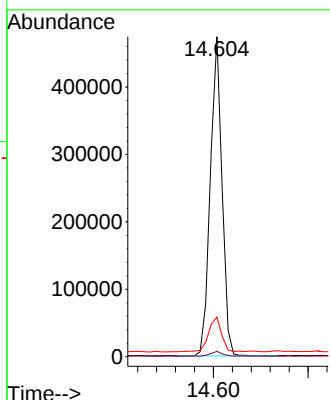
Tgt Ion:149 Resp: 403764
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 12.2 8.7 13.1

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Reviewed By :Yogesh
Patel

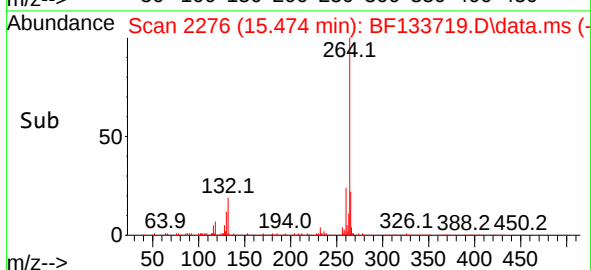
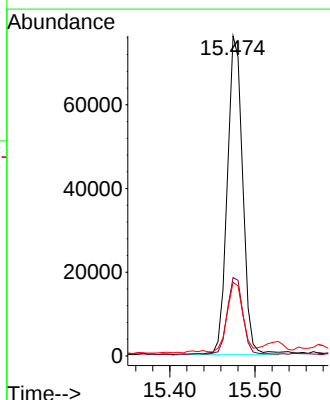
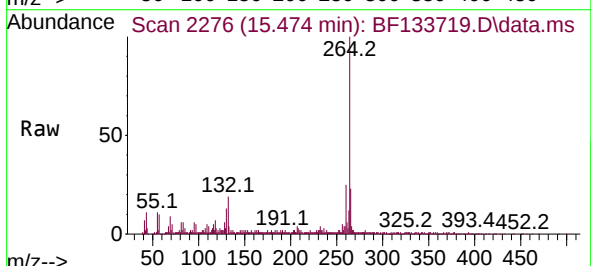
06/13/2023
Supervised By :mohammad
ahmed

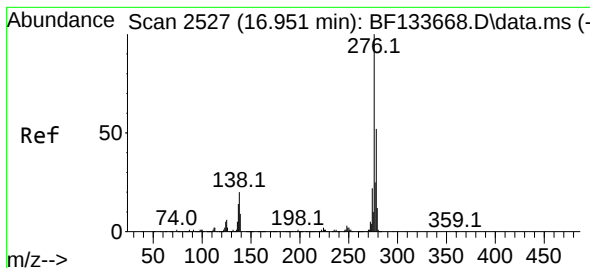
06/13/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:264 Resp: 95511
Ion Ratio Lower Upper
264 100
260 24.5 18.2 27.2
265 23.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.609 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD

Tgt Ion:	276	Resp:	319409
Ion Ratio	Lower	Upper	
276	100		
138	20.6	17.9	26.9
277	24.3	20.3	30.5

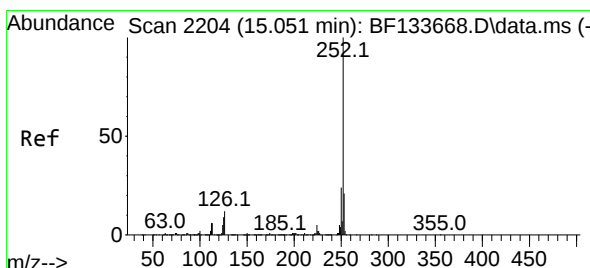
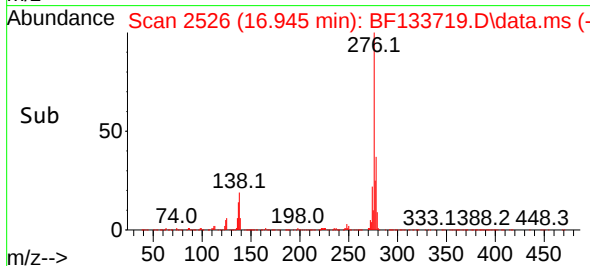
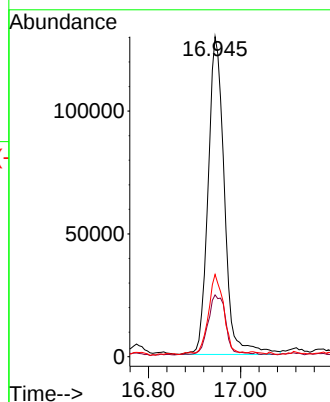
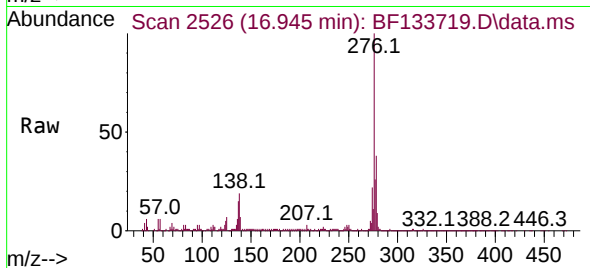
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Patel

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ahmed

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#88

Benzo(b)fluoranthene

Concen: 72.947 ng

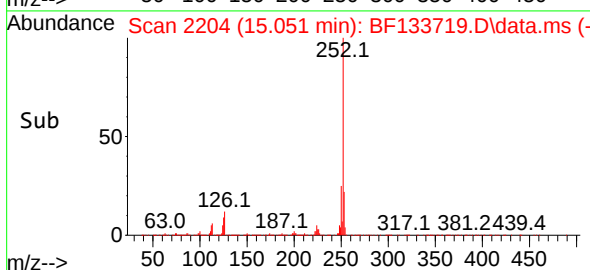
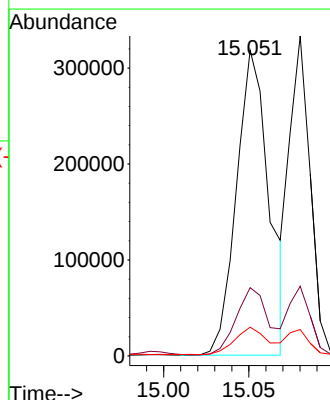
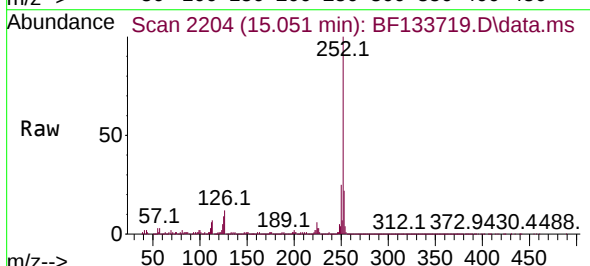
RT: 15.051 min Scan# 2204

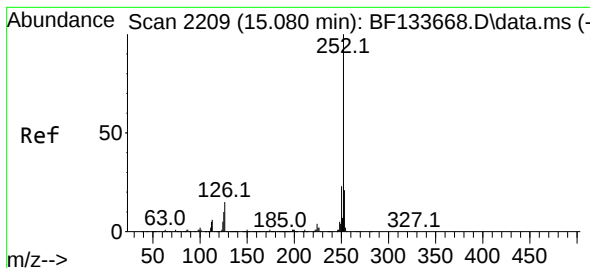
Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Tgt Ion:	252	Resp:	423228
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	9.4	7.3	10.9





#89

Benzo(k)fluoranthene

Concen: 49.729 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MSD

Tgt Ion:252 Resp: 281050
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.0 25.4
 125 8.3 7.8 11.6

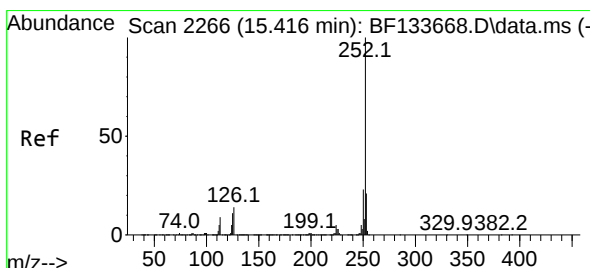
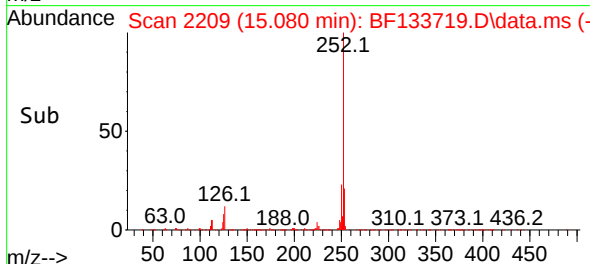
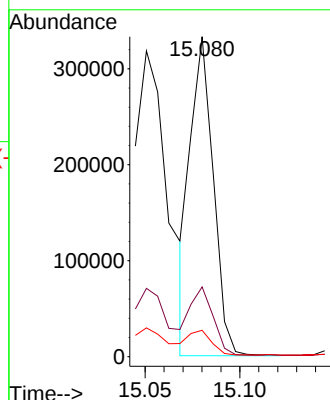
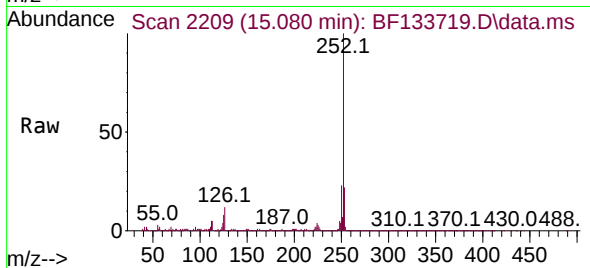
Manual Integrations
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Reviewed By :Yogesh
 Patel

06/13/2023

Supervised By :mohammad
 ahmed

06/13/2023



#90

Benzo(a)pyrene

Concen: 60.636 ng

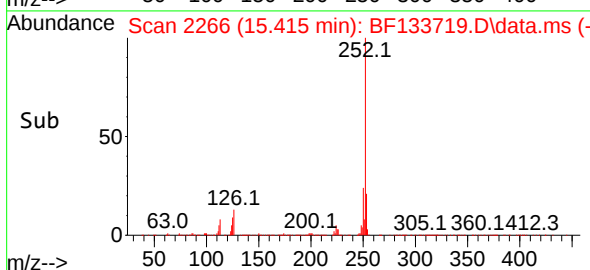
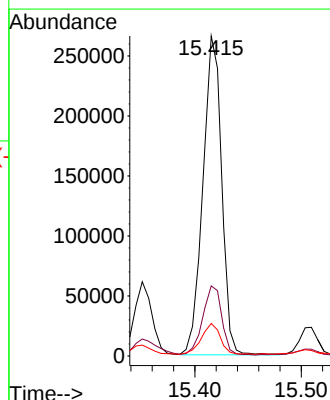
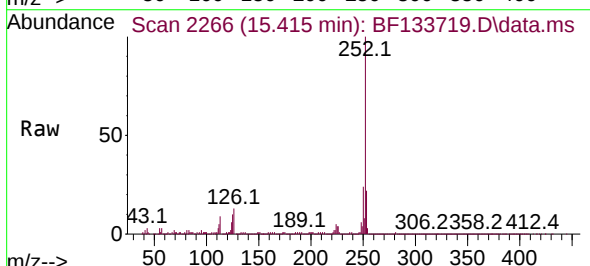
RT: 15.415 min Scan# 2266

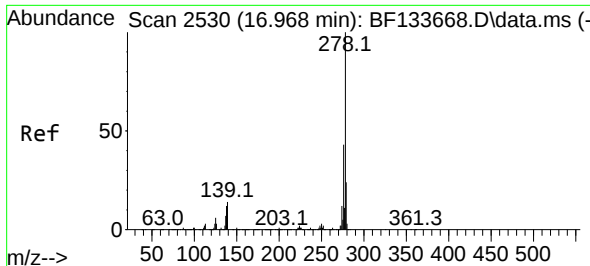
Delta R.T. -0.000 min

Lab File: BF133719.D

Acq: 12 Jun 2023 23:24

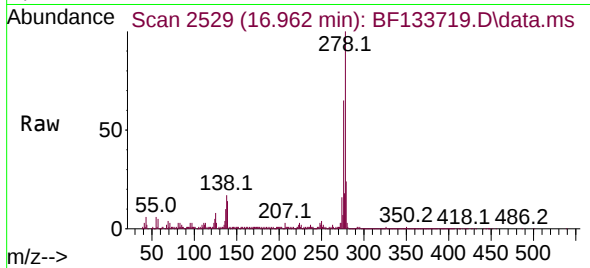
Tgt Ion:252 Resp: 326499
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.1 25.7
 125 10.1 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 40.140 ng
RT: 16.962 min Scan# 21836
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD



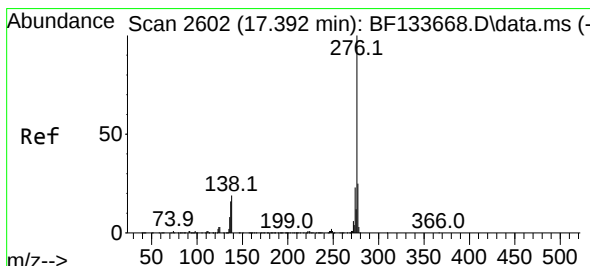
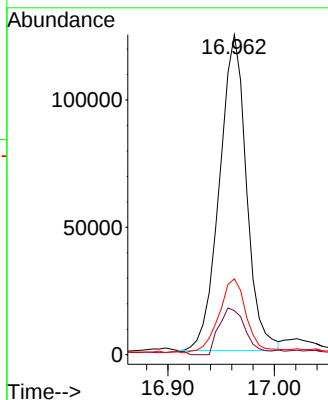
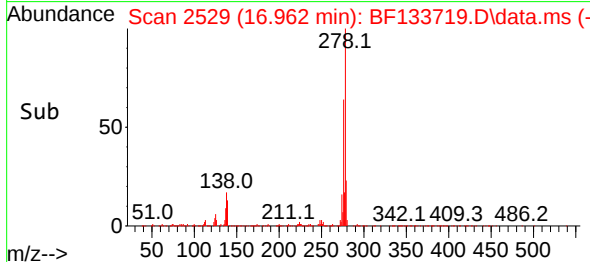
Tgt Ion:278 Resp: 21836
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.2
279 23.7 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh
Patel

06/13/2023
Supervised By :mohammad
ahmed

06/13/2023



#92
Benzo(g,h,i)perylene
Concen: 45.349 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.000 min
Lab File: BF133719.D
Acq: 12 Jun 2023 23:24

Tgt Ion:276 Resp: 244595
Ion Ratio Lower Upper
276 100
277 24.8 19.8 29.8
138 20.0 15.0 22.4

