

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135346.D
 Acq On : 19 Sep 2023 21:05
 Operator : CG\JU
 Sample : 04460-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDEMSD

Quant Time: Sep 20 01:39:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

09/20/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	139049	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	506112	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	208234	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	327831	20.000	ng	0.00
76) Chrysene-d12	13.951	240	211688	20.000	ng	0.00
86) Perylene-d12	15.415	264	206080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	968914	113.333	ng	0.02
7) Phenol-d6	6.416	99	1161299	106.827	ng	0.01
23) Nitrobenzene-d5	7.328	82	752965	80.828	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	194327	93.908	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1132211	82.032	ng	0.00
79) Terphenyl-d14	12.886	244	865347	63.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	171422	45.739	ng	# 94
3) Pyridine	3.281	79	439559	43.578	ng	99
4) n-Nitrosodimethylamine	3.257	42	287787	53.765	ng	100
6) Aniline	6.428	93	411580	28.872	ng	# 23
8) 2-Chlorophenol	6.551	128	466569	51.123	ng	98
9) Benzaldehyde	6.316	77	159913	25.822	ng	97
10) Phenol	6.434	94	511882	42.942	ng	87
11) bis(2-Chloroethyl)ether	6.504	93	461518	51.615	ng	98
12) 1,3-Dichlorobenzene	6.698	146	449360	48.448	ng	99
13) 1,4-Dichlorobenzene	6.775	146	455466	48.267	ng	99
14) 1,2-Dichlorobenzene	6.928	146	415091	47.367	ng	99
15) Benzyl Alcohol	6.916	79	379720	48.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	844553	50.110	ng	85
17) 2-Methylphenol	7.028	107	344208	42.739	ng	# 93
18) Hexachloroethane	7.263	117	166450	47.739	ng	89
19) n-Nitroso-di-n-propyla...	7.181	70	291499	43.291	ng	92
20) 3+4-Methylphenols	7.181	107	396879	40.982	ng	# 85
22) Acetophenone	7.175	105	578555	50.000	ng	# 97
24) Nitrobenzene	7.345	77	467692	50.795	ng	98
25) Isophorone	7.587	82	862136	50.400	ng	98
26) 2-Nitrophenol	7.663	139	224160	50.725	ng	96
27) 2,4-Dimethylphenol	7.704	122	340629	45.857	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	543041	53.039	ng	99
29) 2,4-Dichlorophenol	7.904	162	337705	49.064	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	361138	50.198	ng	99
31) Naphthalene	8.063	128	1178386	47.920	ng	100
32) Benzoic acid	7.845	122	257546	46.045	ng	99
33) 4-Chloroaniline	8.122	127	390304	36.176	ng	99
34) Hexachlorobutadiene	8.175	225	212523	48.991	ng	100
35) Caprolactam	8.498	113	115953m	50.196	ng	
36) 4-Chloro-3-methylphenol	8.610	107	343791	44.941	ng	96
37) 2-Methylnaphthalene	8.751	142	712731	43.118	ng	97
38) 1-Methylnaphthalene	8.851	142	681310	44.025	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	335634	55.636	ng	99
41) Hexachlorocyclopentadiene	8.898	237	92530	38.981	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	215947	54.672	ng	99

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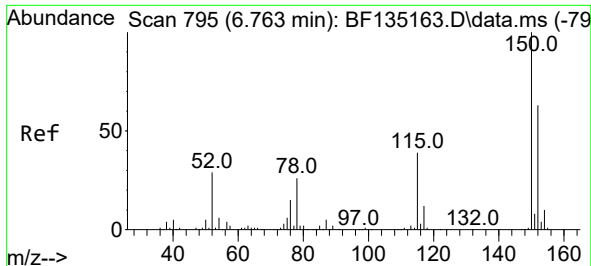
Reviewed By :Yogesh
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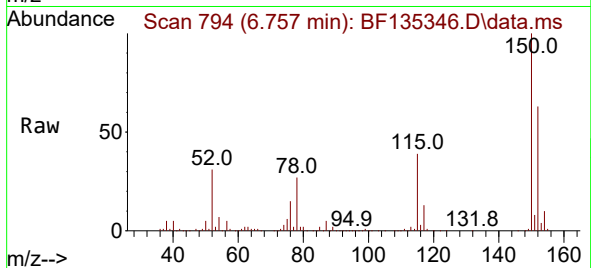
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	215719	47.424	ng	98
46) 1,1'-Biphenyl	9.222	154	860039	53.744	ng	99
47) 2-Chloronaphthalene	9.245	162	634583	54.655	ng	97
48) 2-Nitroaniline	9.345	65	241661	53.575	ng	97
49) Acenaphthylene	9.657	152	969481	50.242	ng	99
50) Dimethylphthalate	9.528	163	775276	55.067	ng	100
51) 2,6-Dinitrotoluene	9.592	165	159791	51.810	ng	92
52) Acenaphthene	9.833	154	564758	49.544	ng	98
53) 3-Nitroaniline	9.763	138	162449	44.871	ng	93
54) 2,4-Dinitrophenol	9.875	184	52604	33.946	ng	96
55) Dibenzofuran	10.004	168	817247	46.982	ng	97
56) 4-Nitrophenol	9.939	139	195123	84.803	ng	93
57) 2,4-Dinitrotoluene	9.998	165	170999	44.287	ng	86
58) Fluorene	10.351	166	605168	45.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	152805	43.670	ng	98
60) Diethylphthalate	10.228	149	725489	51.347	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	297179	46.263	ng	99
62) 4-Nitroaniline	10.381	138	149453	42.946	ng	95
63) Azobenzene	10.504	77	671238	48.541	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	38883	22.331	ng	99
66) n-Nitrosodiphenylamine	10.463	169	561801	56.605	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	179121	54.936	ng	97
68) Hexachlorobenzene	10.898	284	175286	52.770	ng	94
69) Atrazine	10.998	200	159177	59.605	ng	97
70) Pentachlorophenol	11.098	266	177364	89.245	ng	97
71) Phenanthrene	11.316	178	809499	52.209	ng	100
72) Anthracene	11.369	178	822638	51.617	ng	98
73) Carbazole	11.527	167	739373	50.962	ng	99
74) Di-n-butylphthalate	11.857	149	951998	55.686	ng	100
75) Fluoranthene	12.510	202	866572	53.638	ng	100
77) Benzidine	12.633	184	341553	78.757	ng	100
78) Pyrene	12.739	202	891791	44.248	ng	99
80) Butylbenzylphthalate	13.363	149	373079	52.576	ng	94
81) Benzo(a)anthracene	13.939	228	714512	52.271	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	255060	59.738	ng	99
83) Chrysene	13.974	228	711324	52.340	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	473821	65.070	ng	98
85) Di-n-octyl phthalate	14.545	149	904093	78.127	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	545781	40.392	ng	98
88) Benzo(b)fluoranthene	14.992	252	644882	57.807	ng	97
89) Benzo(k)fluoranthene	15.021	252	564167	51.195	ng	98
90) Benzo(a)pyrene	15.357	252	528026	49.633	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	448094	40.531	ng	99
92) Benzo(g,h,i)perylene	17.351	276	439285	38.046	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



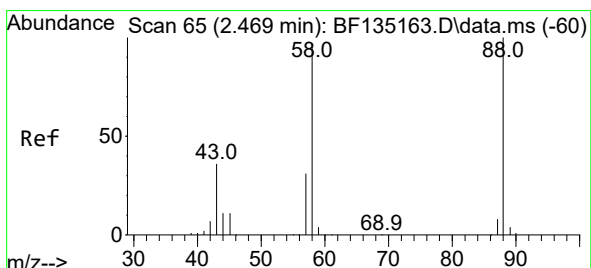
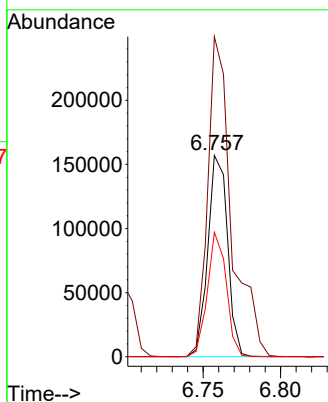
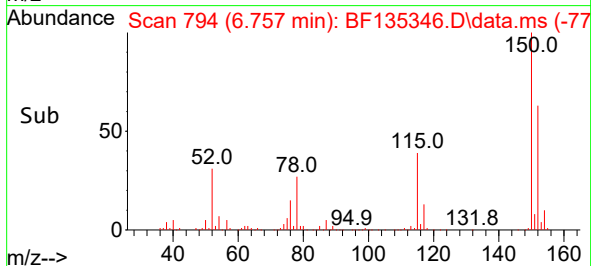
Tgt Ion:152 Resp: 139049
Ion Ratio Lower Upper
152 100
150 159.0 127.8 191.6
115 61.8 49.8 74.8

Manual Integrations
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Patel

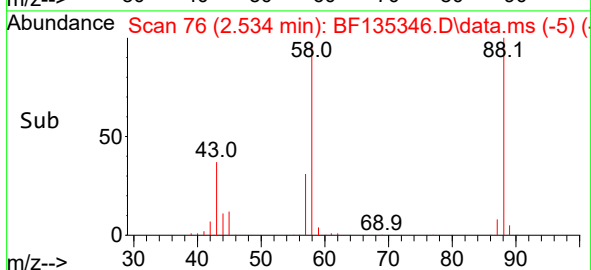
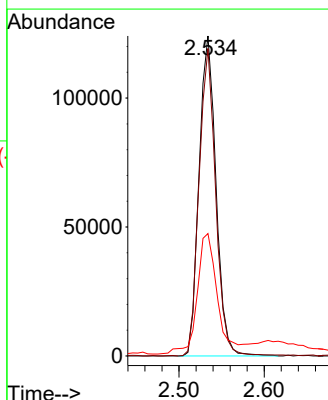
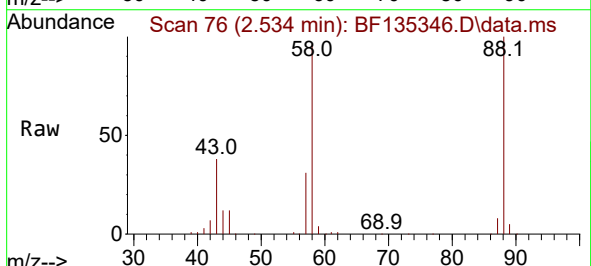
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Supervised By :mohammad
ahmed

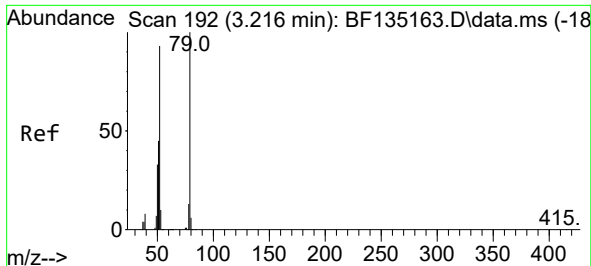
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#2
1,4-Dioxane
Concen: 45.739 ng
RT: 2.534 min Scan# 76
Delta R.T. 0.065 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

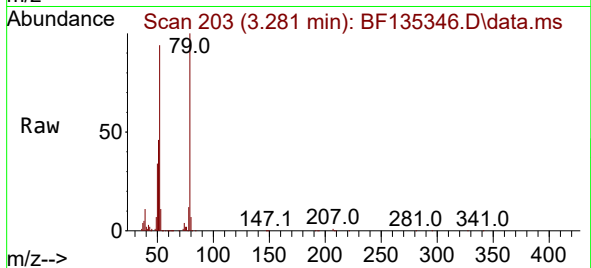
Tgt Ion: 88 Resp: 171422
Ion Ratio Lower Upper
88 100
58 94.9 78.3 117.5
43 45.0 29.4 44.0#





#3
Pyridine
Concen: 43.578 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.065 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



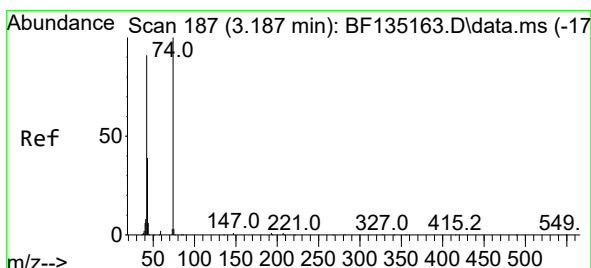
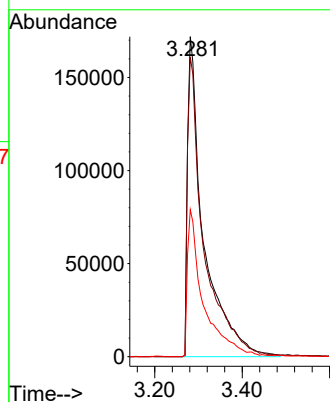
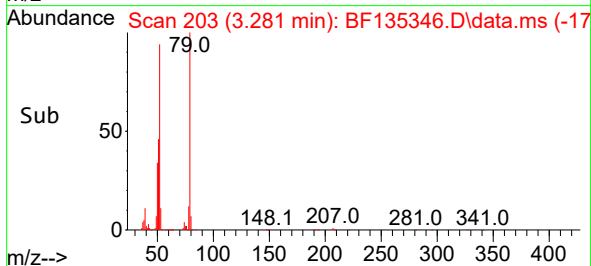
Tgt Ion: 79 Resp: 439559
Ion Ratio Lower Upper
79 100
52 93.7 74.1 111.1
51 45.9 35.8 53.8

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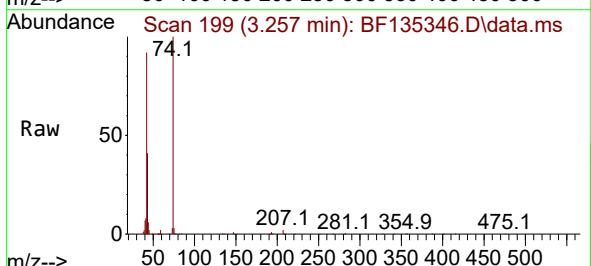
Reviewed By :Yogesh
Patel

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ahmed

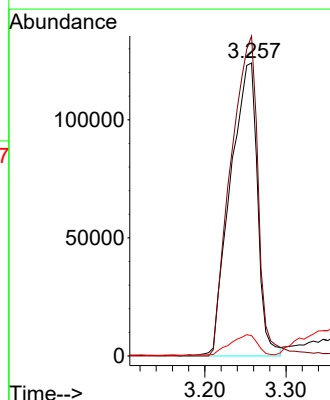
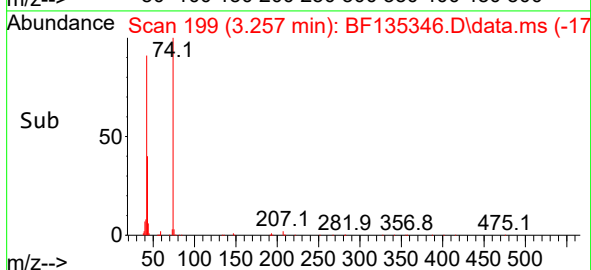
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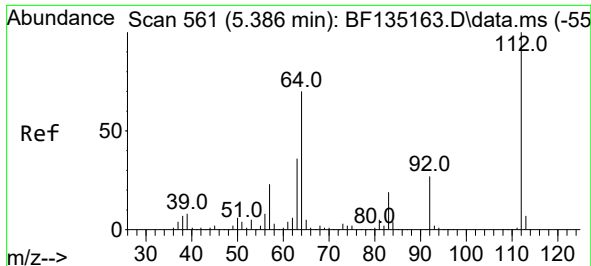


#4
n-Nitrosodimethylamine
Concen: 53.765 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.071 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05



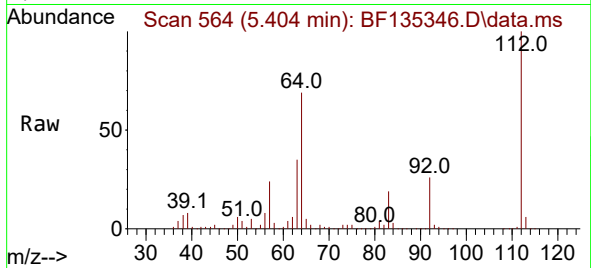
Tgt Ion: 42 Resp: 287787
Ion Ratio Lower Upper
42 100
74 109.2 87.7 131.5
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 113.333 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



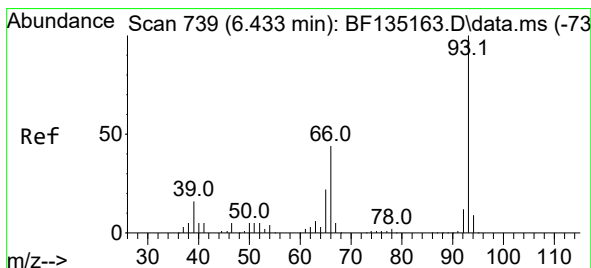
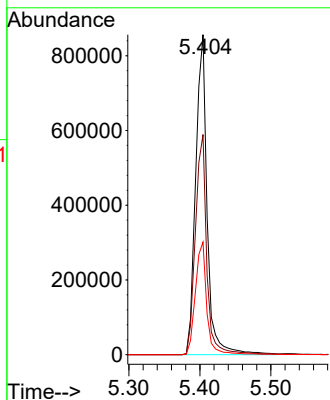
Tgt Ion:112 Resp: 968914
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.2 29.0 43.6

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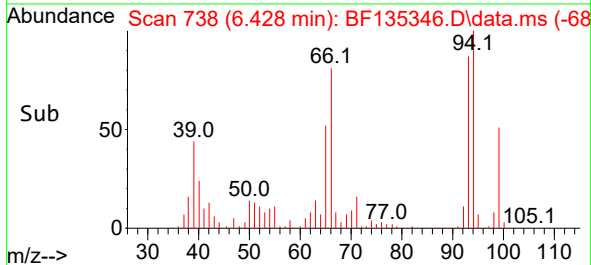
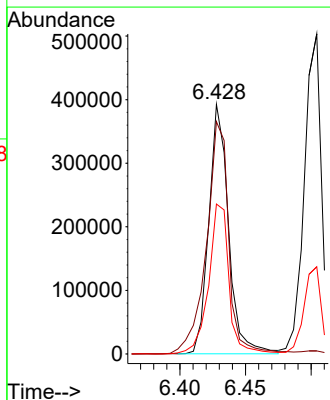
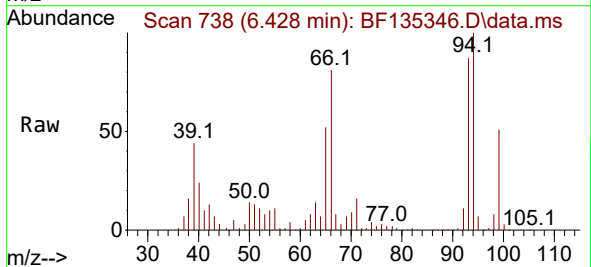
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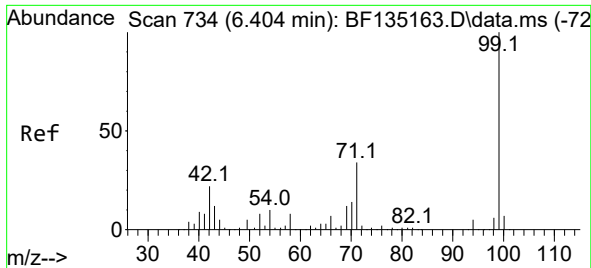
09/20/2023



#6
Aniline
Concen: 28.872 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

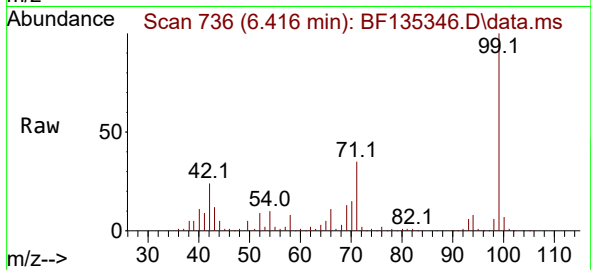
Tgt Ion: 93 Resp: 411580
Ion Ratio Lower Upper
93 100
66 93.1 35.4 53.0#
65 60.1 17.8 26.8#





#7
Phenol-d6
Concen: 106.827 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



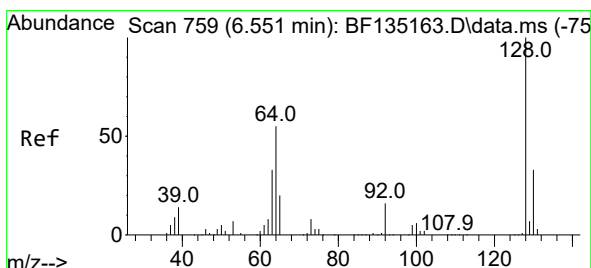
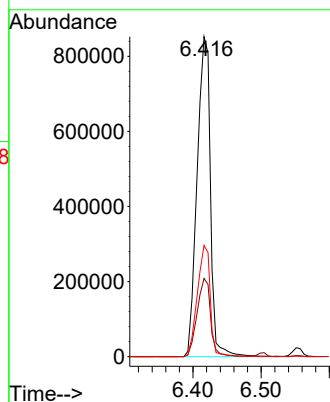
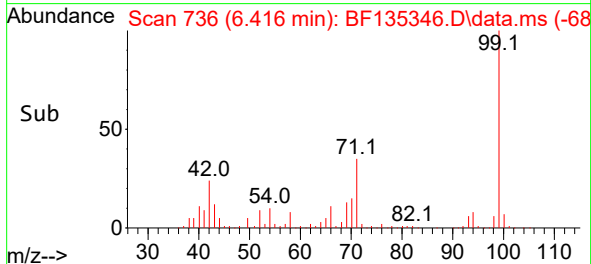
Tgt Ion: 99 Resp: 1161299
Ion Ratio Lower Upper
99 100
42 24.4 17.9 26.9
71 34.7 27.0 40.6

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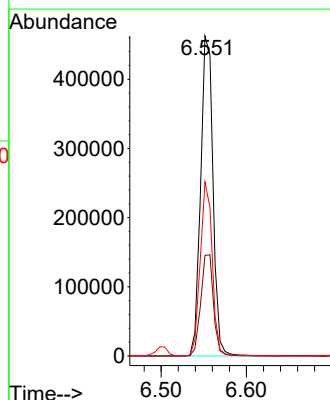
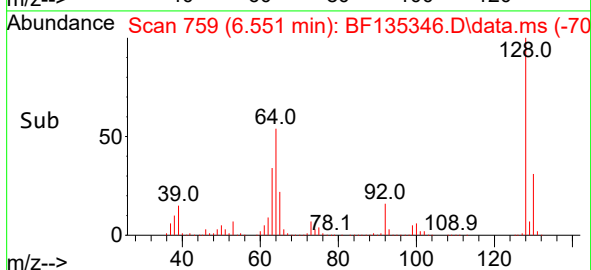
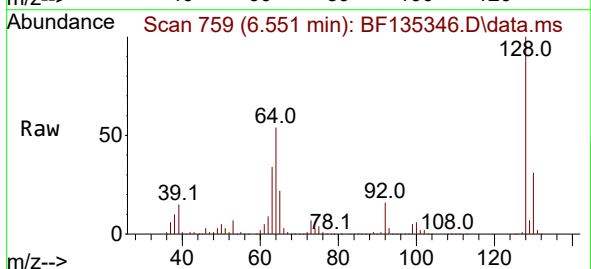
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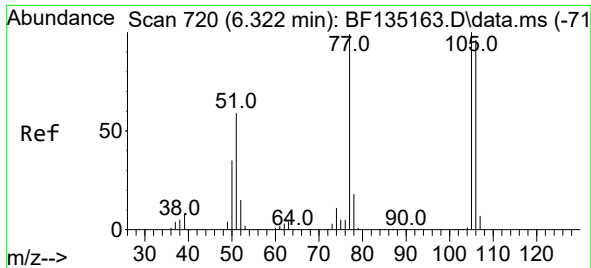
09/20/2023



#8
2-Chlorophenol
Concen: 51.123 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Tgt Ion:128 Resp: 466569
Ion Ratio Lower Upper
128 100
130 31.5 12.7 52.7
64 54.3 35.9 75.9





#9
Benzaldehyde
Concen: 25.822 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD

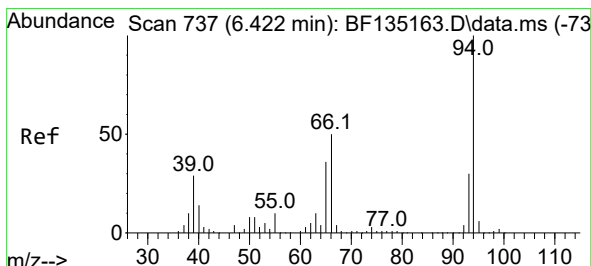
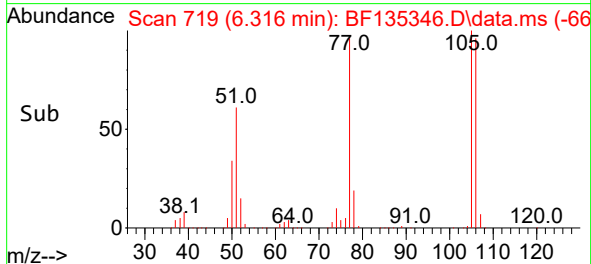
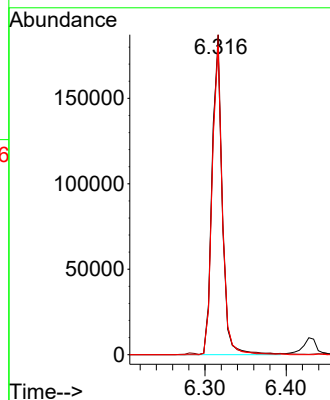
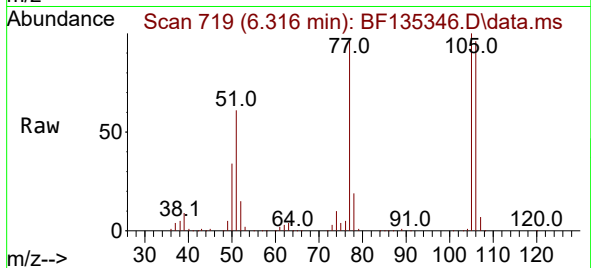
Tgt Ion: 77 Resp: 15991
Ion Ratio Lower Upper
77 100
105 103.8 81.4 121.4
106 100.1 76.9 116.9

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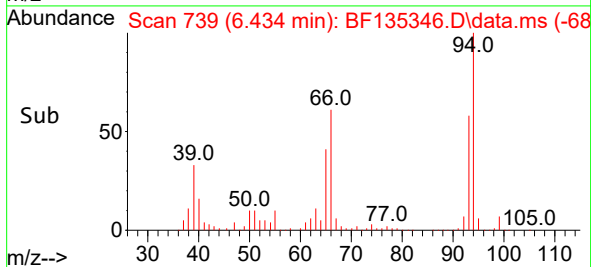
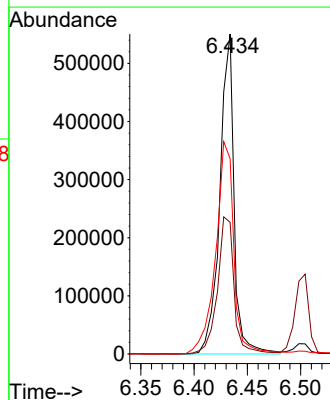
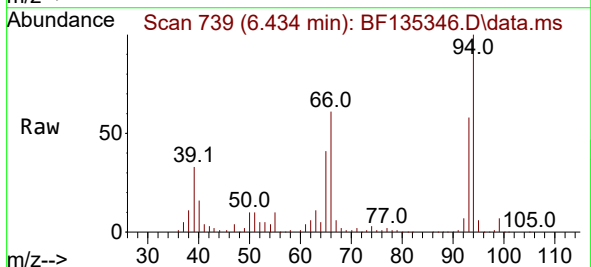
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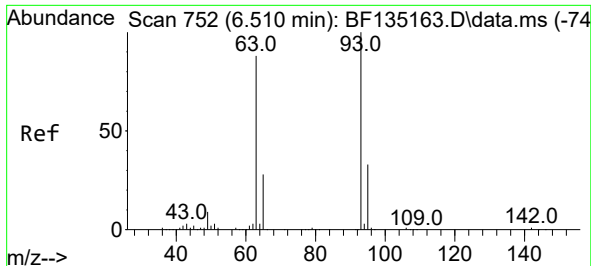
09/20/2023



#10
Phenol
Concen: 42.942 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.012 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

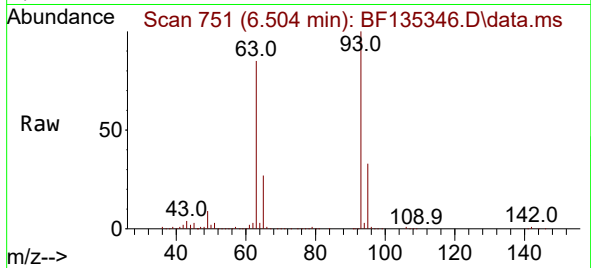
Tgt Ion: 94 Resp: 511882
Ion Ratio Lower Upper
94 100
65 41.1 15.9 55.9
66 61.0 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 51.615 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



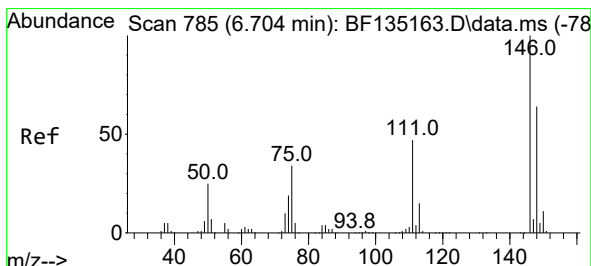
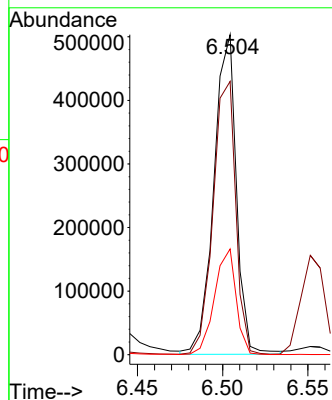
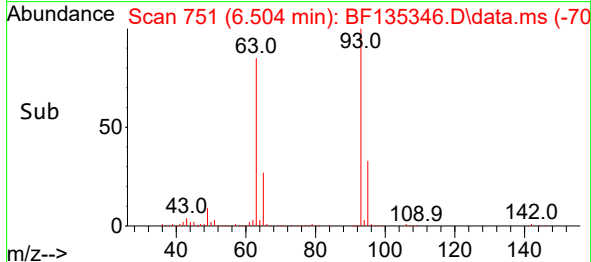
Tgt Ion: 93 Resp: 461518
Ion Ratio Lower Upper
93 100
63 85.4 67.3 107.3
95 33.0 12.7 52.7

Manual Integrations
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Reviewed By :Yogesh
Patel

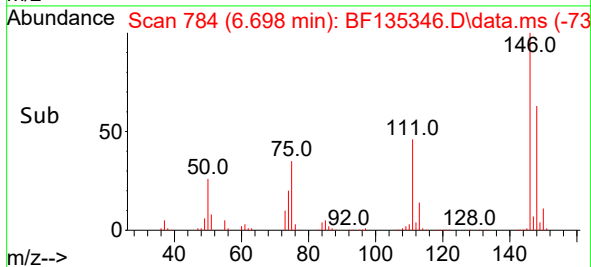
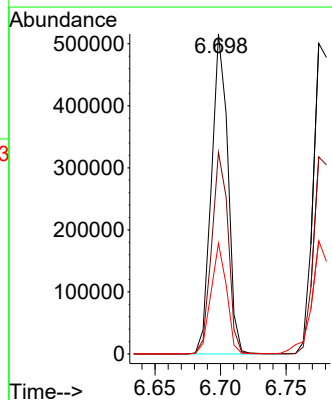
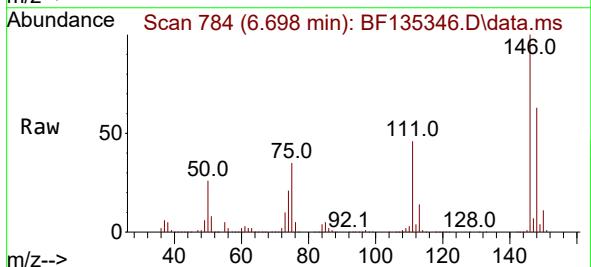
09/20/2023
Supervised By :mohammad
ahmed

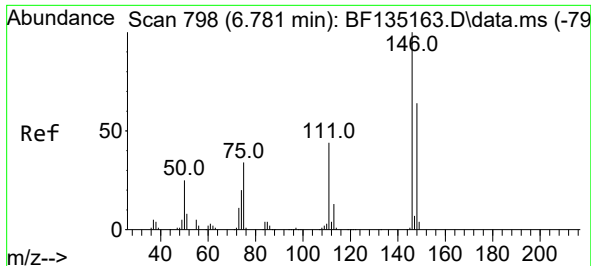
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#12
1,3-Dichlorobenzene
Concen: 48.448 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Tgt Ion:146 Resp: 449360
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 34.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.267 ng

RT: 6.775 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF135346.D

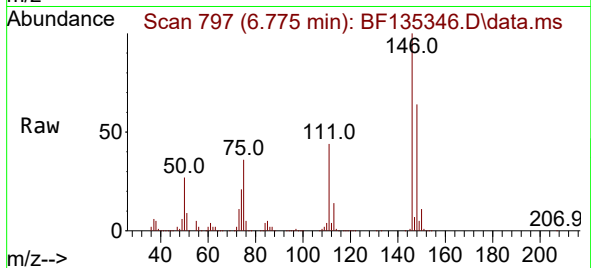
Acq: 19 Sep 2023 21:05

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDEMSD



Tgt Ion:	146	Resp:	455460
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.3	76.9
111	44.5	35.1	52.7

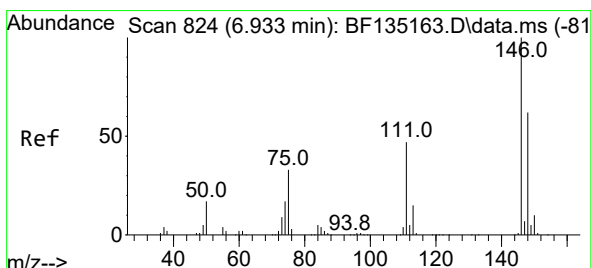
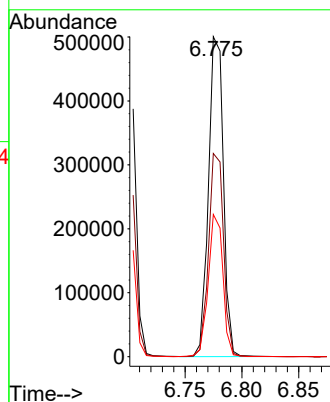
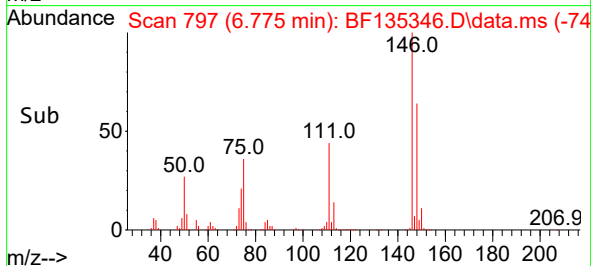
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/20/2023

Supervised By :mohammad
ahmed

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#14

1,2-Dichlorobenzene

Concen: 47.367 ng

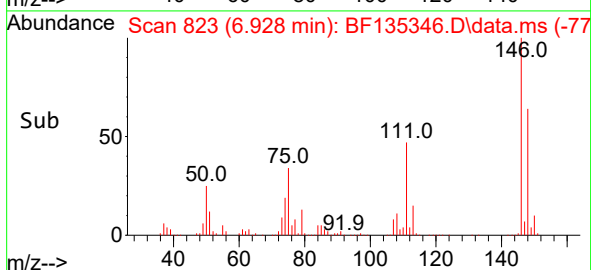
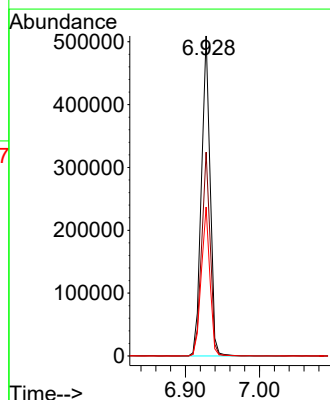
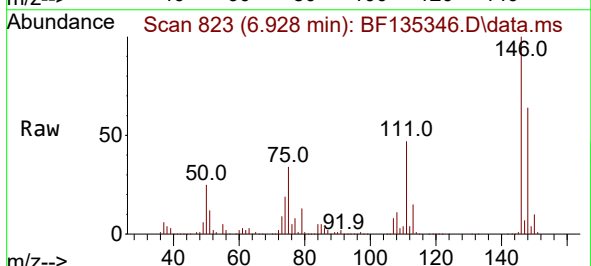
RT: 6.928 min Scan# 823

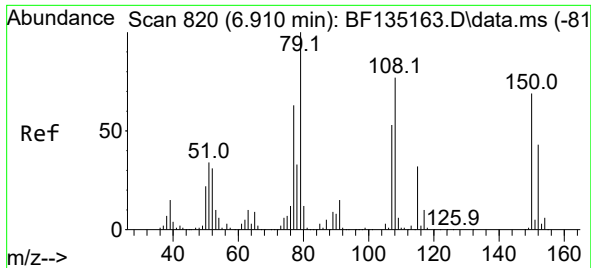
Delta R.T. -0.006 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

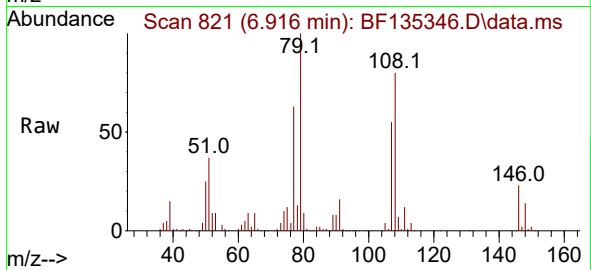
Tgt Ion:	146	Resp:	415091
Ion Ratio	Lower	Upper	
146	100		
148	63.7	49.7	74.5
111	46.6	37.4	56.2





#15
Benzyl Alcohol
Concen: 48.677 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



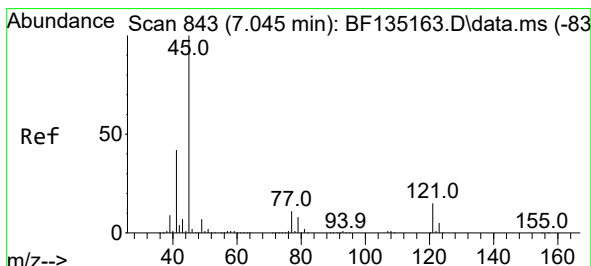
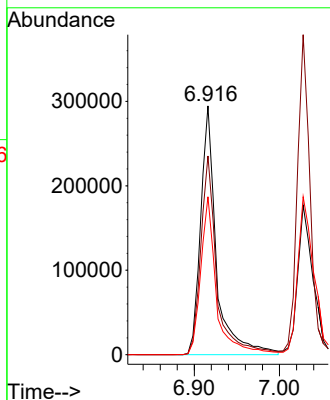
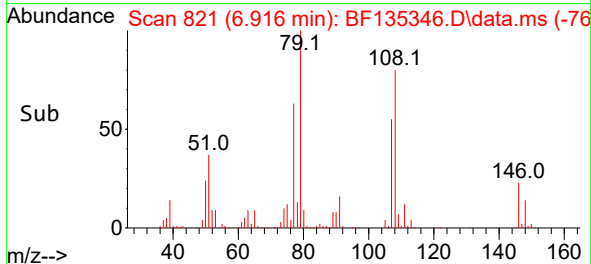
Tgt Ion: 79 Resp: 379720
Ion Ratio Lower Upper
79 100
108 79.9 61.2 91.8
77 63.5 50.5 75.7

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Reviewed By :Yogesh
Patel

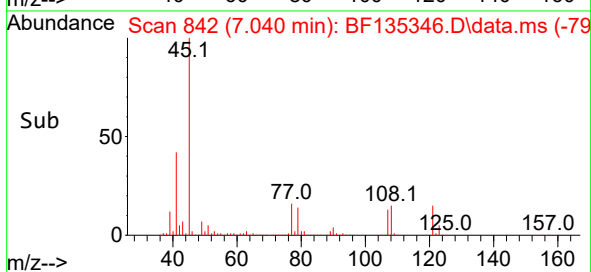
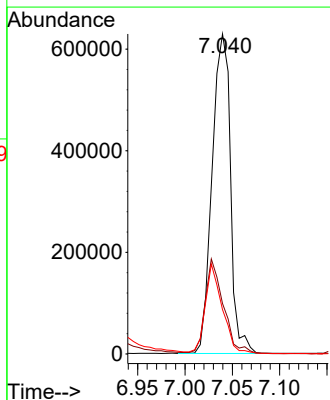
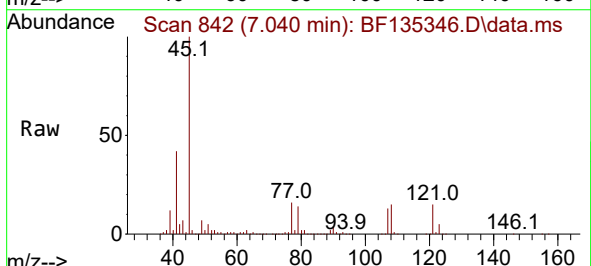
09/20/2023
Supervised By :mohammad
ahmed

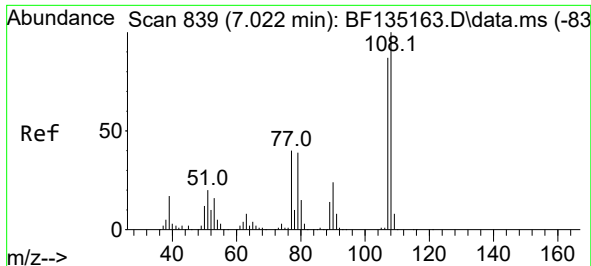
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.110 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

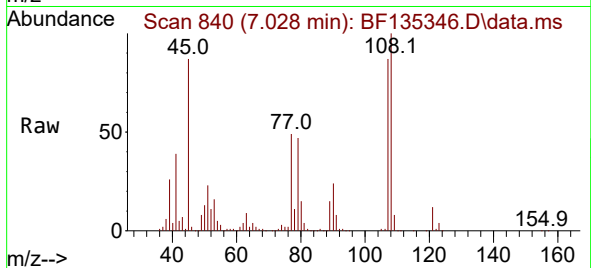
Tgt Ion: 45 Resp: 844553
Ion Ratio Lower Upper
45 100
77 15.8 0.0 30.6
79 13.8 0.0 28.3





#17
2-Methylphenol
Concen: 42.739 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



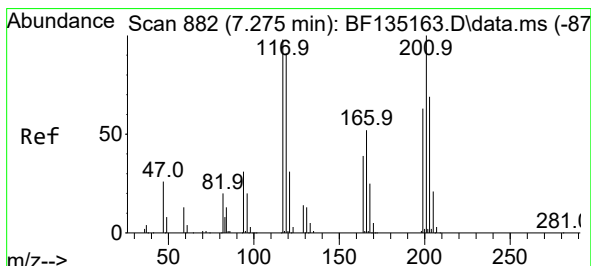
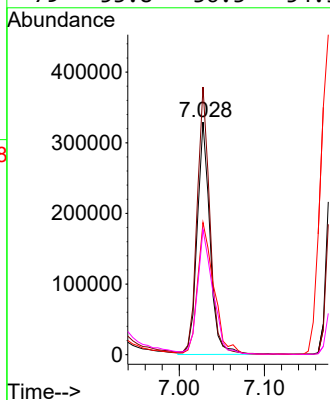
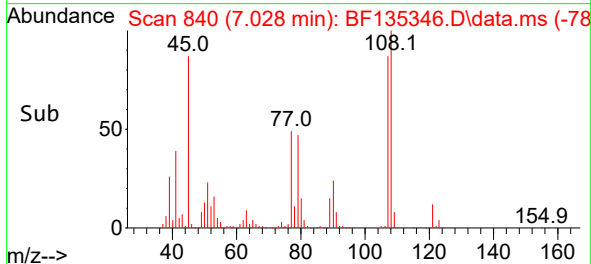
Tgt Ion:107 Resp: 344208
Ion Ratio Lower Upper
107 100
108 115.1 92.0 138.0
77 56.8 36.7 55.1
79 53.8 36.3 54.5

Manual Integrations
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Reviewed By :Yogesh
Patel

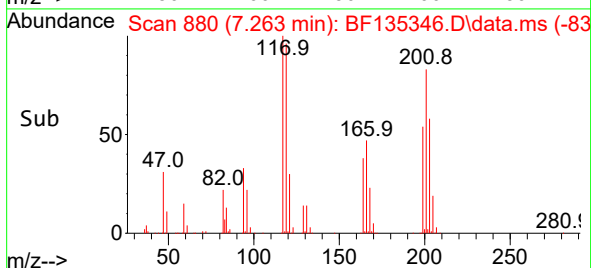
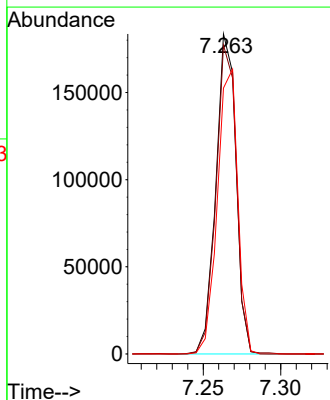
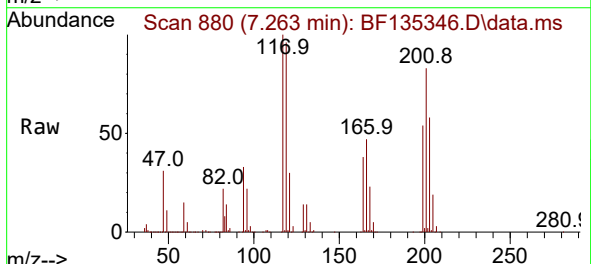
09/20/2023
Supervised By :mohammad
ahmed

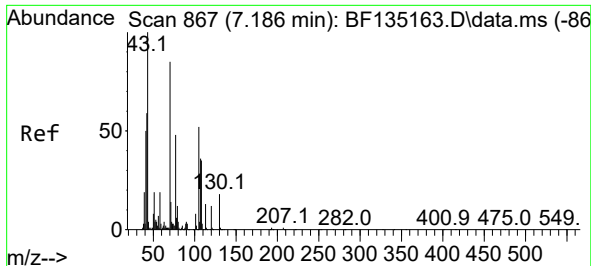
09/20/2023



#18
Hexachloroethane
Concen: 47.739 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Tgt Ion:117 Resp: 166450
Ion Ratio Lower Upper
117 100
119 96.5 74.7 112.1
201 83.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.291 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF135346.D

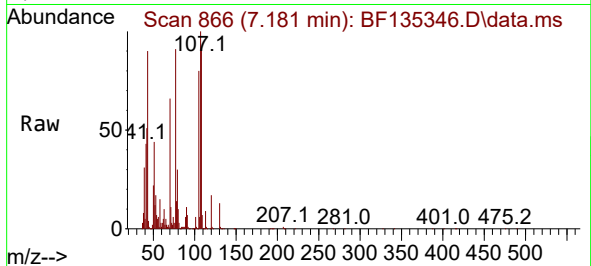
Acq: 19 Sep 2023 21:05

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDEMSD



Tgt Ion: 70 Resp: 291499

Ion Ratio Lower Upper

70 100

42 78.0 55.4 83.0

101 9.3 7.7 11.5

130 19.6 17.0 25.6

Manual Integrations

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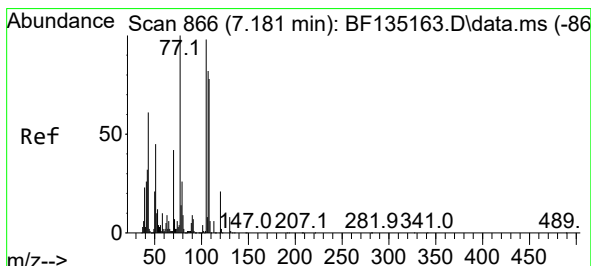
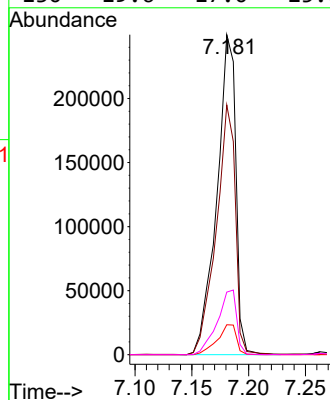
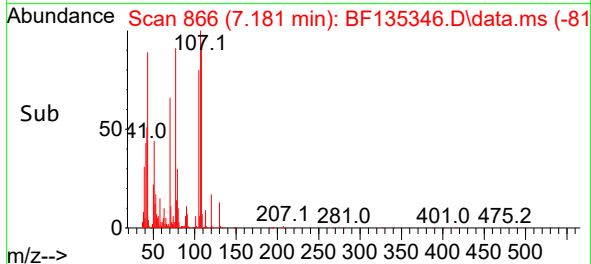
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#20

3+4-Methylphenols

Concen: 40.982 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Tgt Ion:107 Resp: 396879

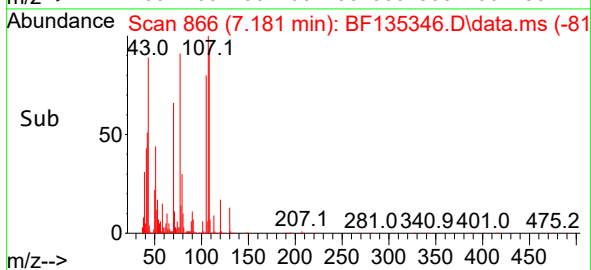
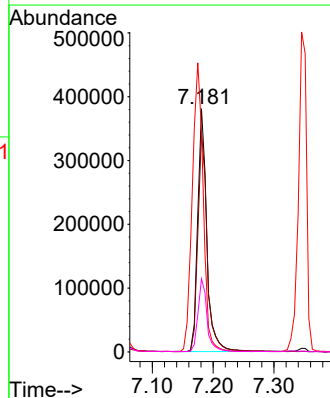
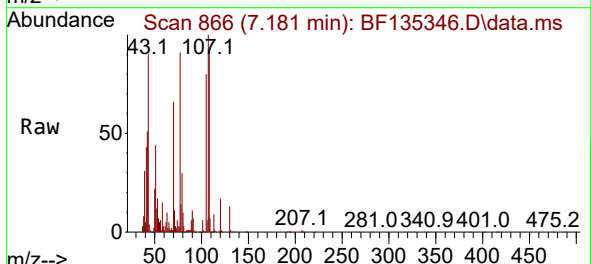
Ion Ratio Lower Upper

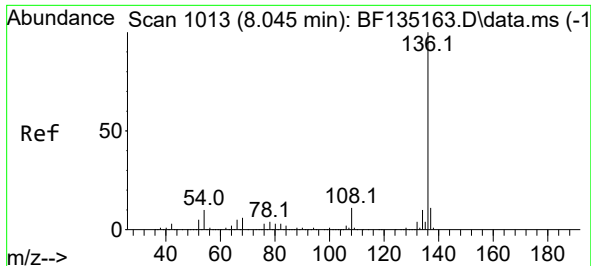
107 100

108 90.6 74.7 114.7

77 91.3 102.0 142.0#

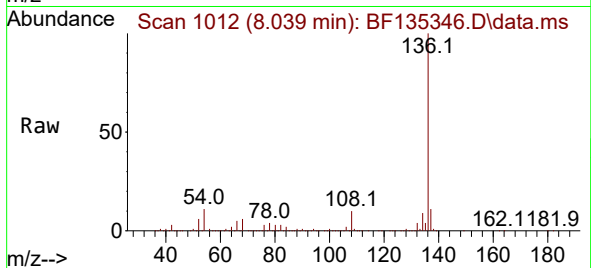
79 30.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



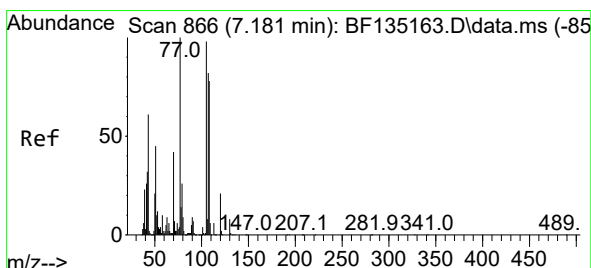
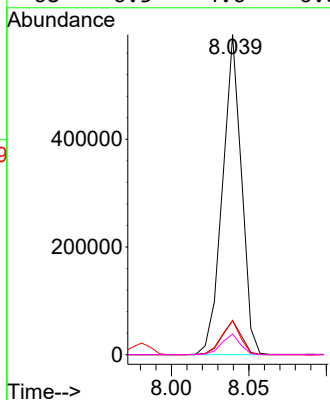
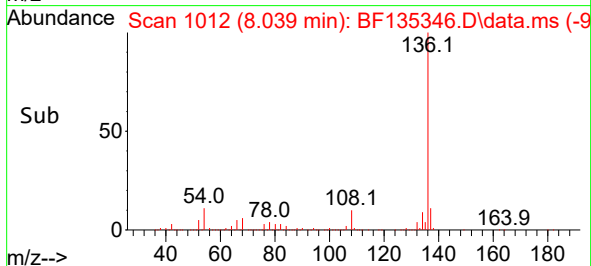
Tgt Ion:136 Resp: 50611
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.7 7.7 11.5
68 6.5 4.6 6.8

Manual Integrations
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Reviewed By :Yogesh
Patel

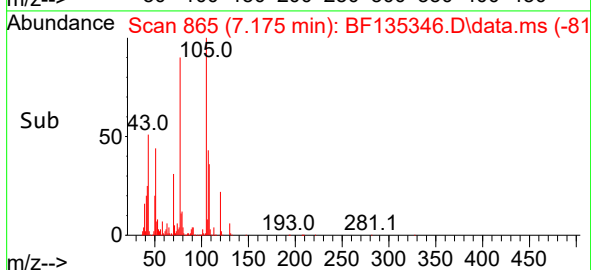
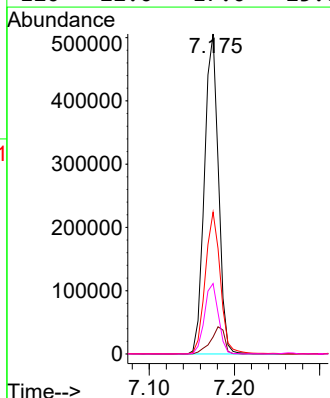
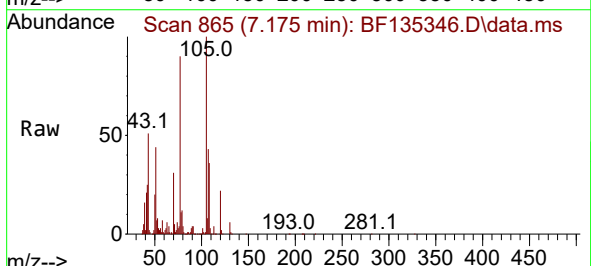
09/20/2023
Supervised By :mohammad
ahmed

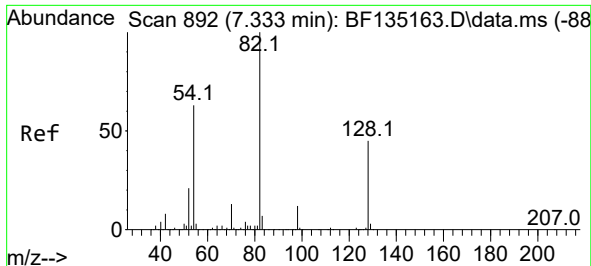
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#22
Acetophenone
Concen: 50.000 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

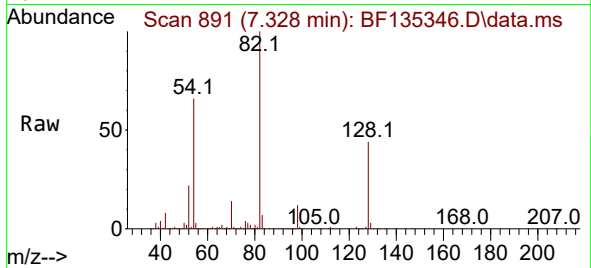
Tgt Ion:105 Resp: 578555
Ion Ratio Lower Upper
105 100
71 5.3 5.8 8.6#
51 44.3 37.0 55.4
120 22.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 80.828 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



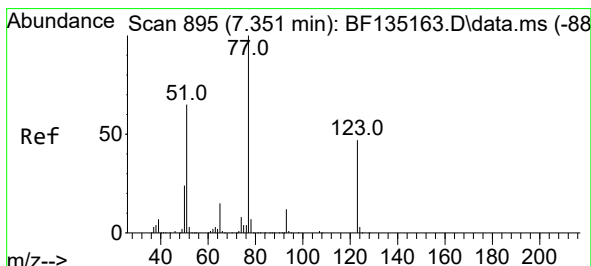
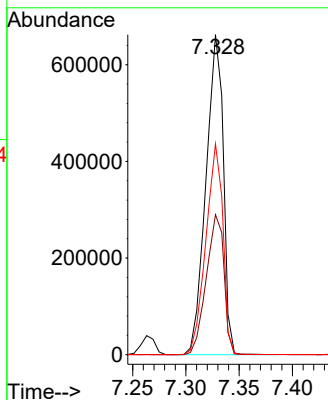
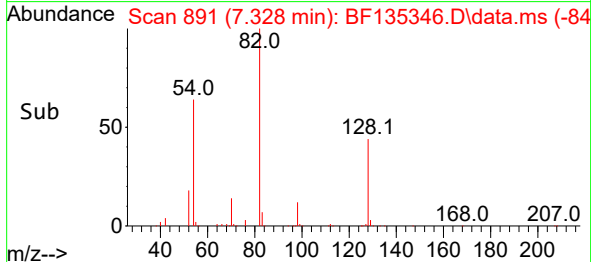
Tgt Ion: 82 Resp: 75296
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.6
54 65.9 50.6 76.0

Manual Integrations
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Reviewed By :Yogesh
Patel

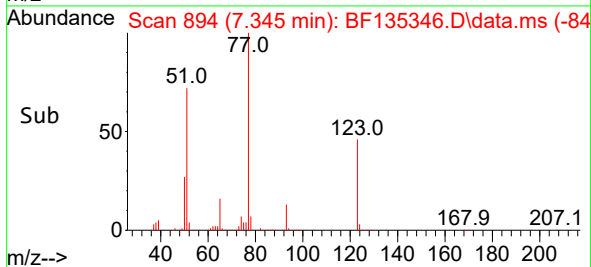
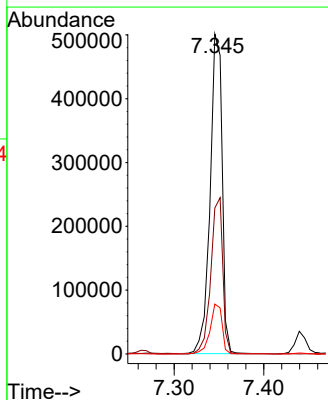
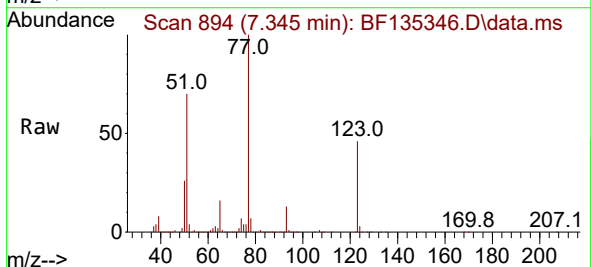
09/20/2023
Supervised By :mohammad
ahmed

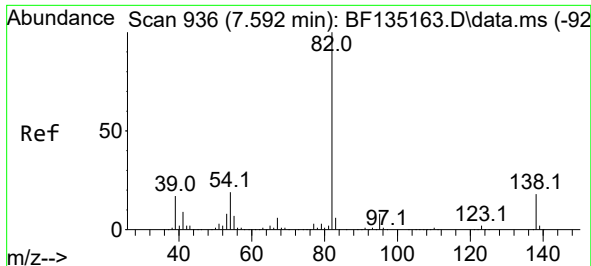
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#24
Nitrobenzene
Concen: 50.795 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

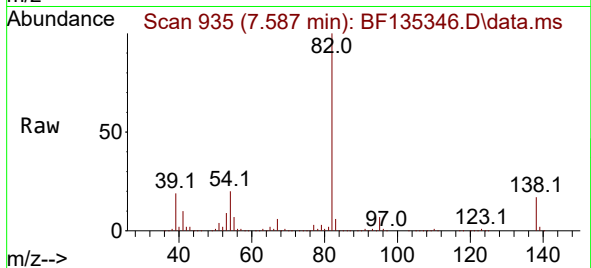
Tgt Ion: 77 Resp: 467692
Ion Ratio Lower Upper
77 100
123 45.6 37.6 56.4
65 15.6 12.2 18.4





#25
Isophorone
Concen: 50.400 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



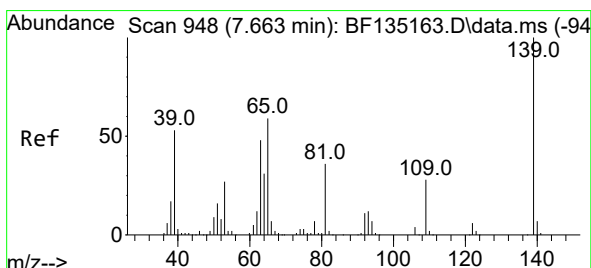
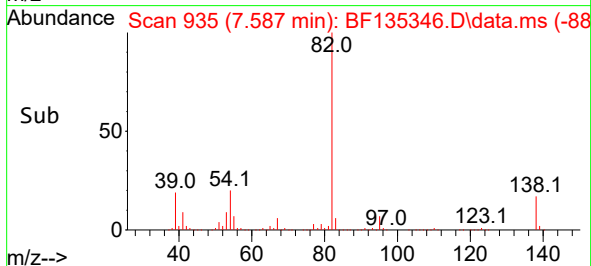
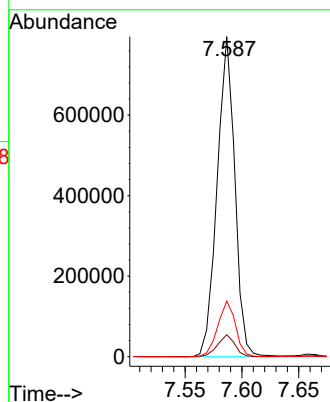
Tgt Ion: 82 Resp: 862130
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.4 14.5 21.7

Manual Integrations
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Reviewed By :Yogesh
Patel

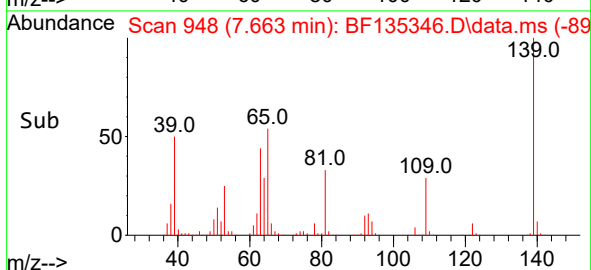
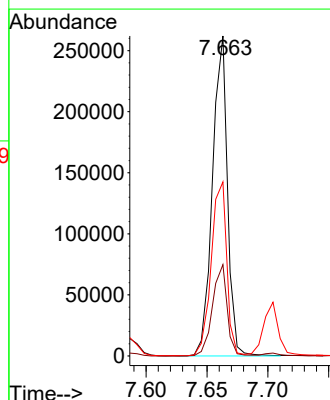
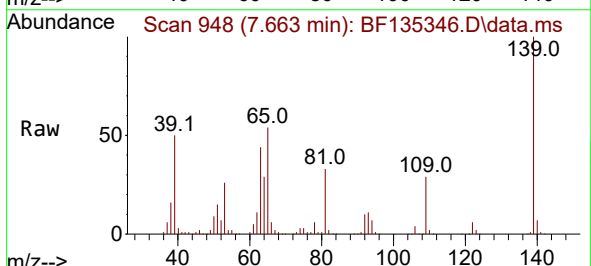
09/20/2023
Supervised By :mohammad
ahmed

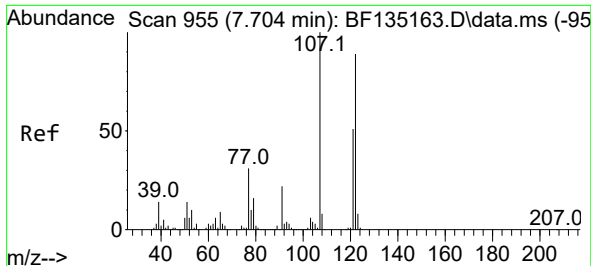
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#26
2-Nitrophenol
Concen: 50.725 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

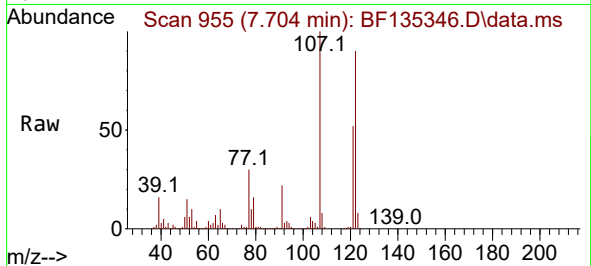
Tgt Ion:139 Resp: 224160
Ion Ratio Lower Upper
139 100
109 28.6 22.6 33.8
65 54.4 47.0 70.4





#27
2,4-Dimethylphenol
Concen: 45.857 ng
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



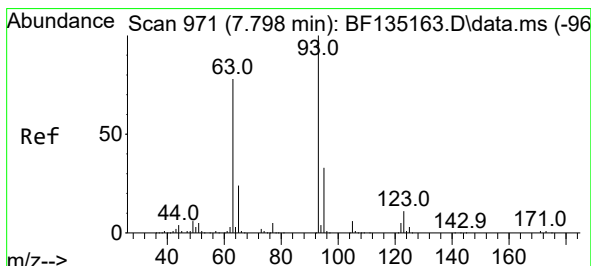
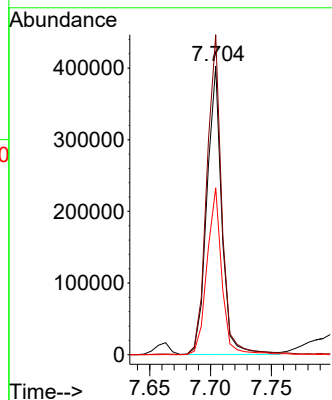
Tgt Ion:122 Resp: 340629
Ion Ratio Lower Upper
122 100
107 110.9 90.2 135.4
121 57.8 46.3 69.5

Manual Integrations
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Reviewed By :Yogesh
Patel

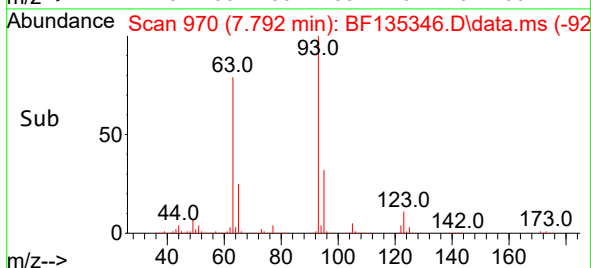
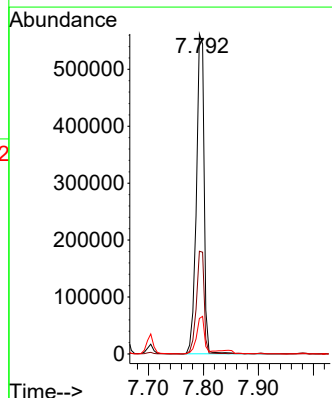
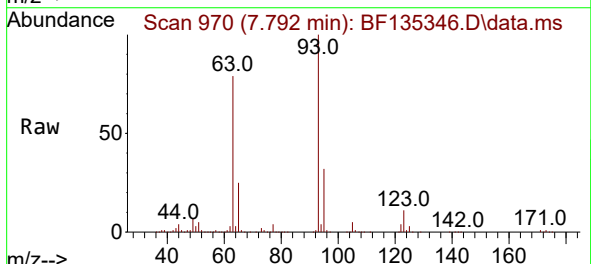
09/20/2023
Supervised By :mohammad
ahmed

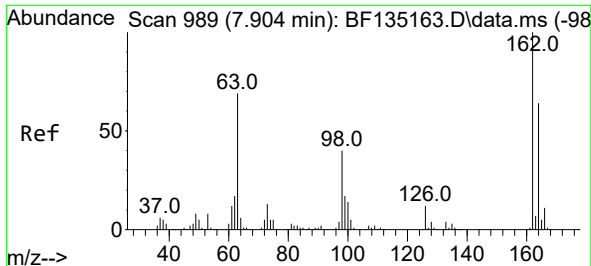
09/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 53.039 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Tgt Ion: 93 Resp: 543041
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.2
123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.064 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135346.D

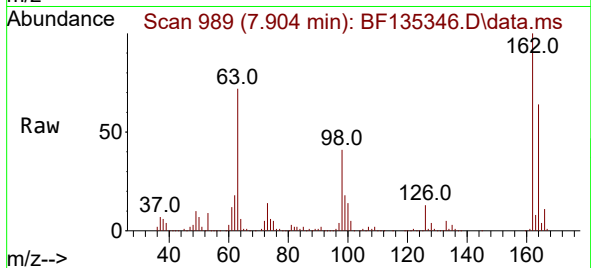
Acq: 19 Sep 2023 21:05

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDEMSD



Tgt Ion:	162	Resp:	33770
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.1	84.1
98	41.3	20.3	60.3

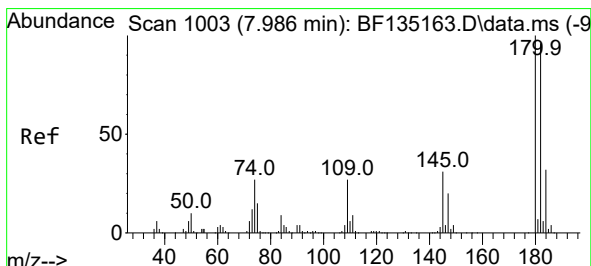
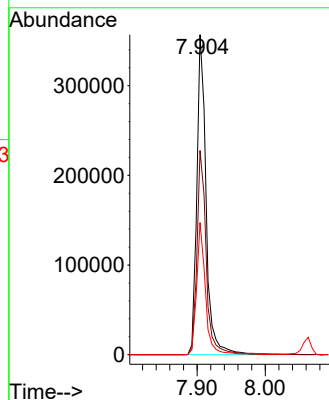
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/20/2023

Supervised By :mohammad
ahmed

09/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.198 ng

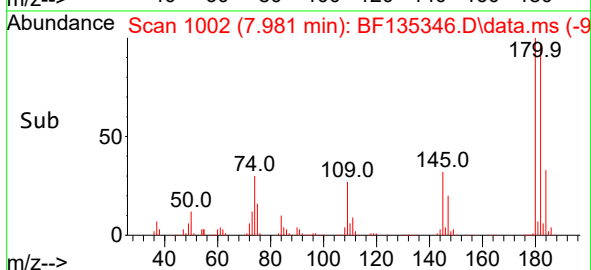
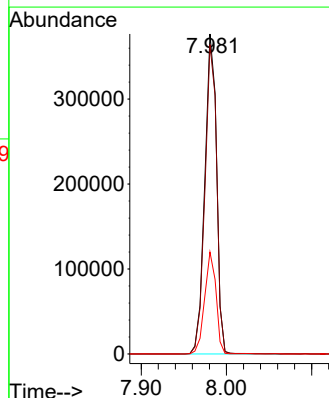
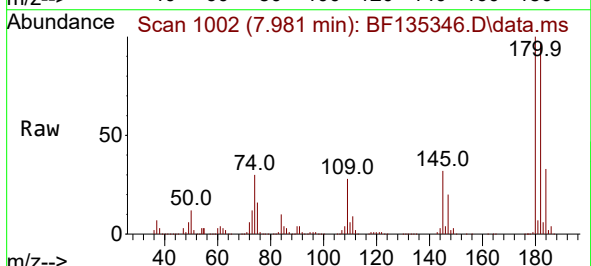
RT: 7.981 min Scan# 1002

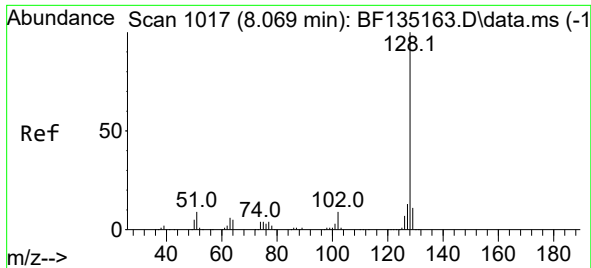
Delta R.T. -0.006 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

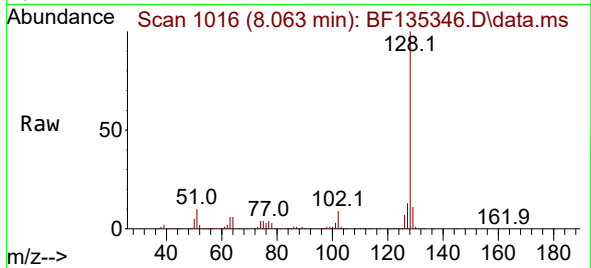
Tgt Ion:	180	Resp:	361138
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.9	115.3
145	31.8	24.5	36.7





#31
Naphthalene
Concen: 47.920 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



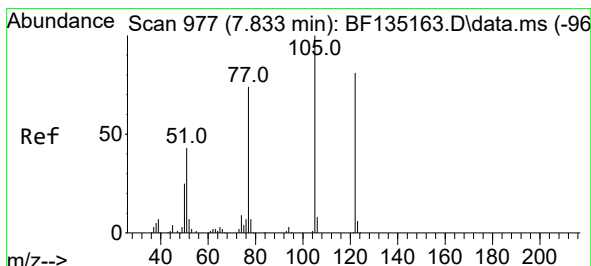
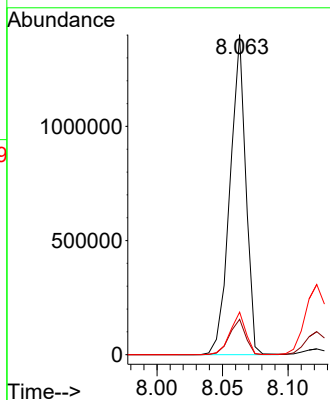
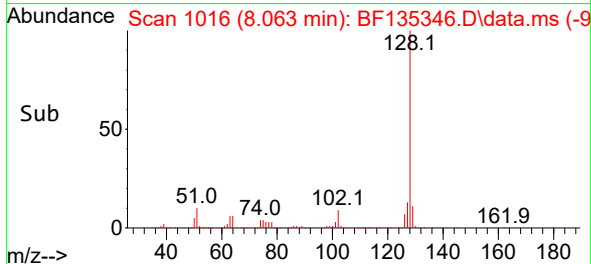
Tgt Ion:128 Resp: 1178380
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations
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Reviewed By :Yogesh
Patel

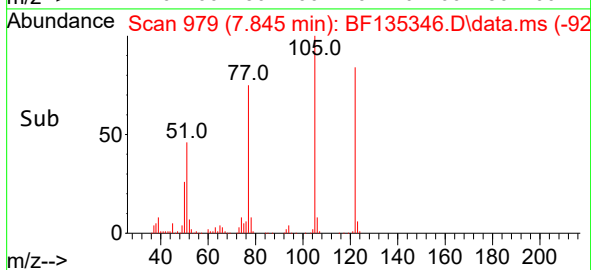
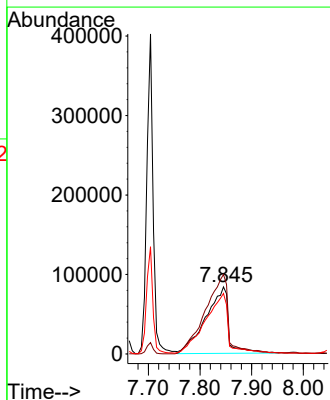
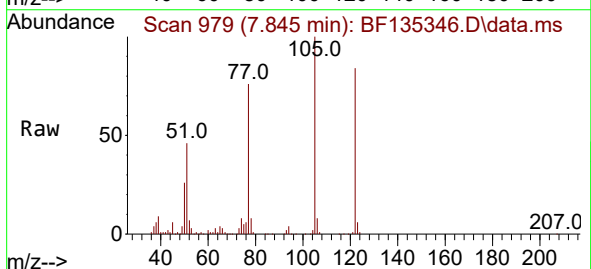
09/20/2023
Supervised By :mohammad
ahmed

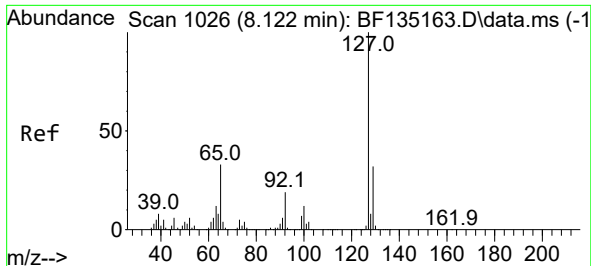
09/20/2023



#32
Benzoic acid
Concen: 46.045 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

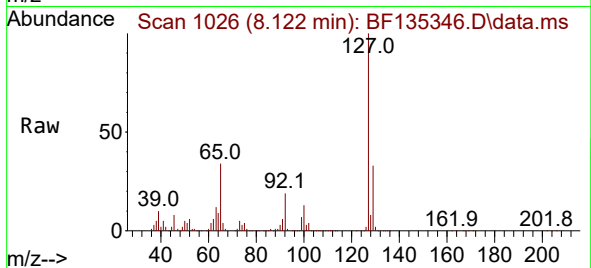
Tgt Ion:122 Resp: 257546
Ion Ratio Lower Upper
122 100
105 118.6 99.9 139.9
77 90.2 70.0 110.0





#33
4-Chloroaniline
Concen: 36.176 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



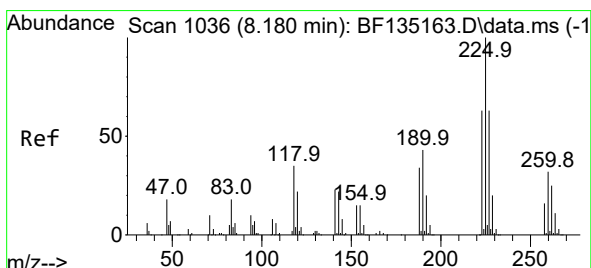
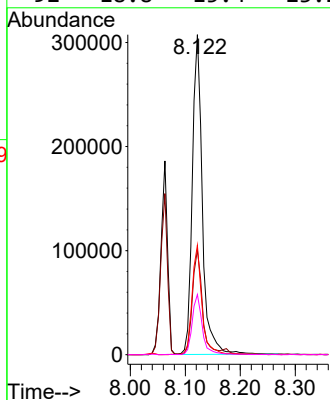
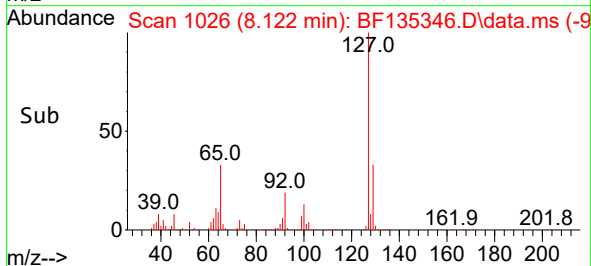
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	34.2	26.6	39.8
92	18.8	15.4	23.2

Manual Integrations
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Reviewed By :Yogesh
Patel

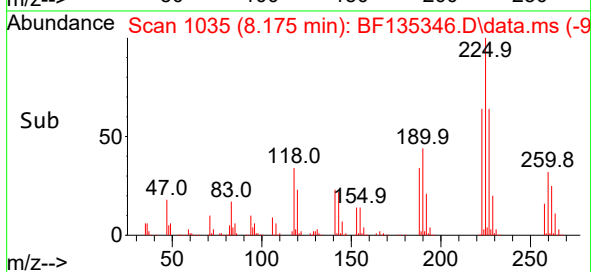
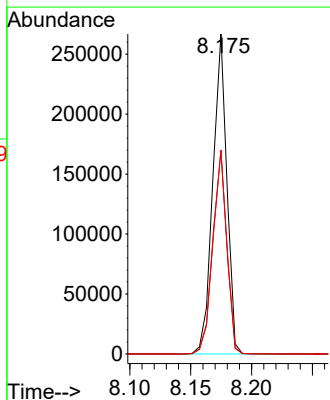
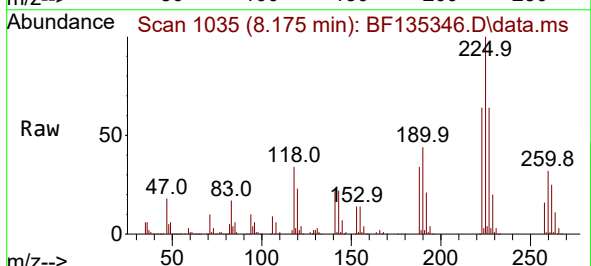
09/20/2023
Supervised By :mohammad
ahmed

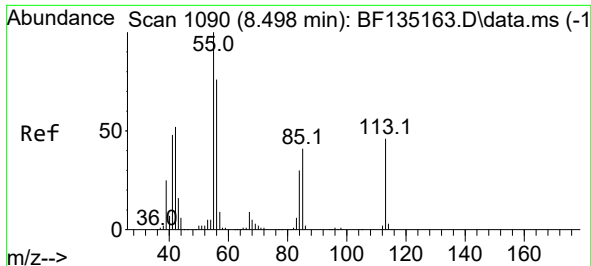
09/20/2023



#34
Hexachlorobutadiene
Concen: 48.991 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

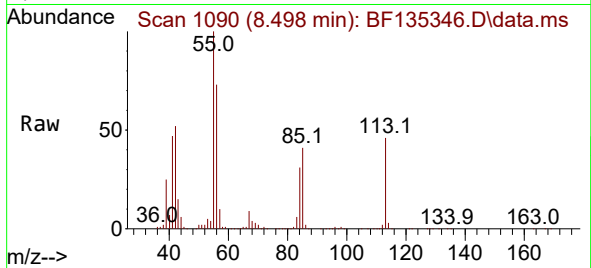
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	63.8	50.8	76.2





#35
Caprolactam
Concen: 50.196 ng m
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



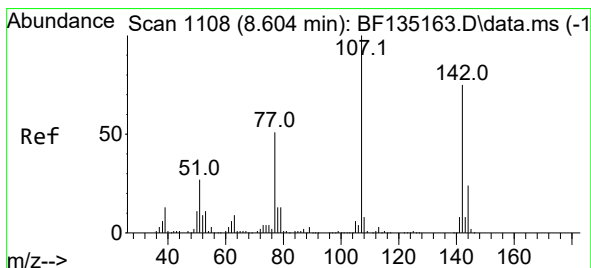
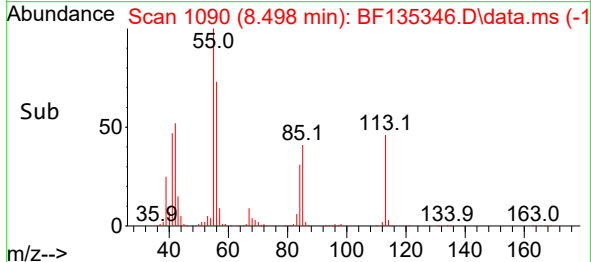
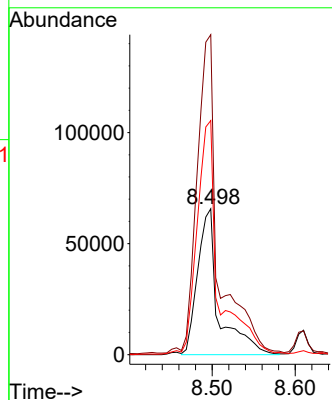
Tgt Ion:113 Resp: 11595
Ion Ratio Lower Upper
113 100
55 219.3 199.3 239.3
56 160.4 146.3 186.3

Manual Integrations
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Reviewed By :Yogesh
Patel

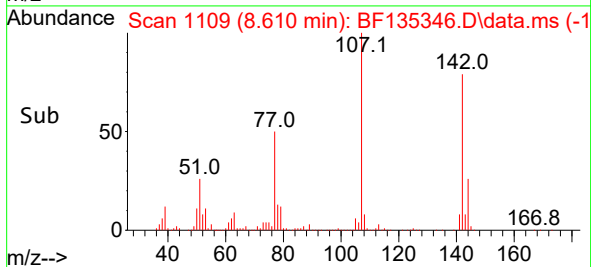
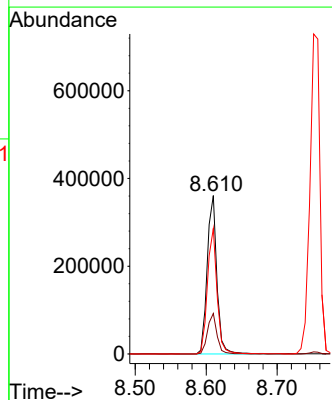
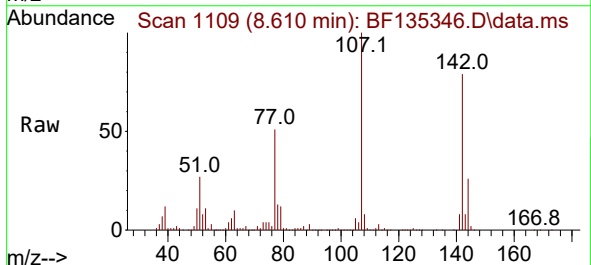
09/20/2023
Supervised By :mohammad
ahmed

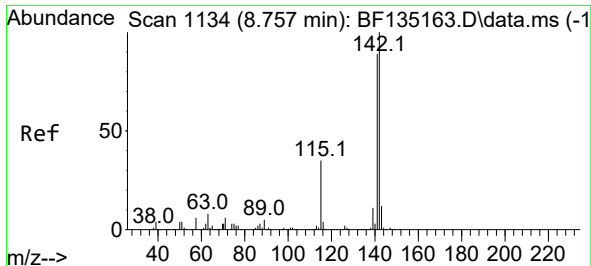
09/20/2023



#36
4-Chloro-3-methylphenol
Concen: 44.941 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Tgt Ion:107 Resp: 343791
Ion Ratio Lower Upper
107 100
144 25.5 19.0 28.4
142 79.1 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.118 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDEMSD

Tgt Ion:142 Resp: 71273

Ion Ratio Lower Upper

142 100

141 86.2 71.0 106.6

Manual Integrations

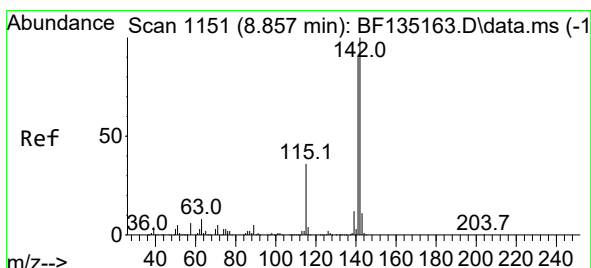
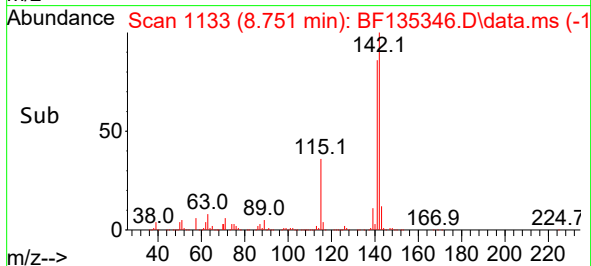
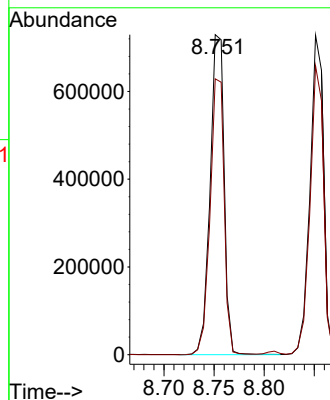
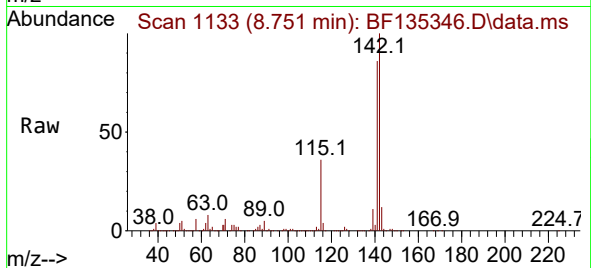
APPROVED

Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

09/20/2023



#38

1-Methylnaphthalene

Concen: 44.025 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135346.D

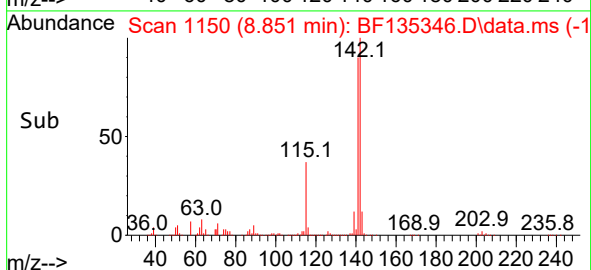
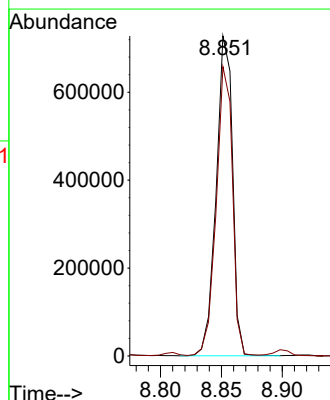
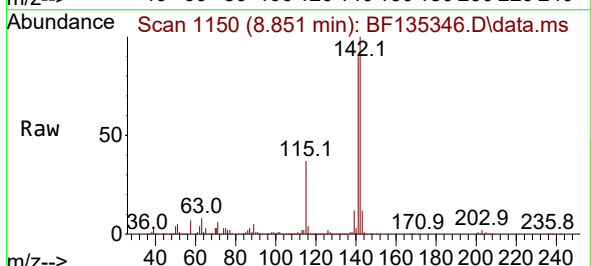
Acq: 19 Sep 2023 21:05

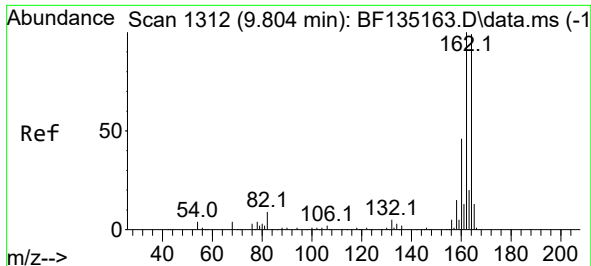
Tgt Ion:142 Resp: 681310

Ion Ratio Lower Upper

142 100

141 90.4 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF135346.D

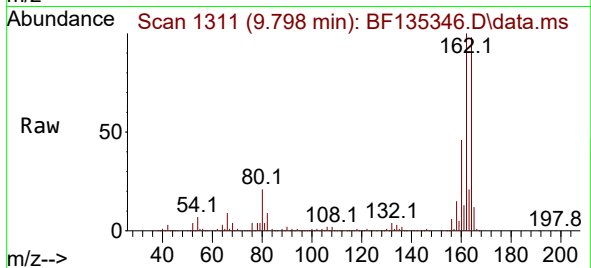
Acq: 19 Sep 2023 21:05

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDEMSD



Tgt Ion:164 Resp: 208234

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.0	121.4
160	46.7	37.0	55.4

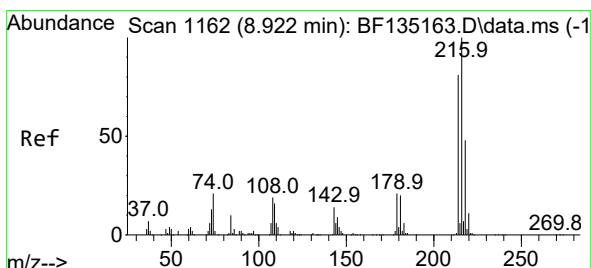
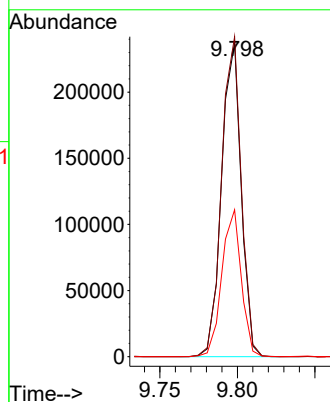
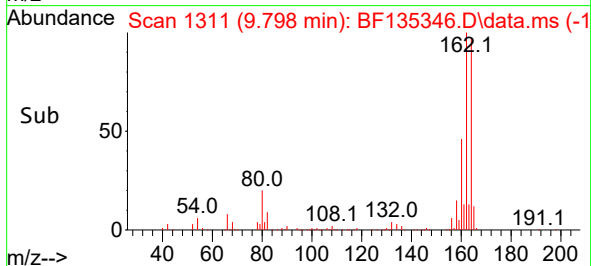
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/20/2023

Supervised By :mohammad
ahmed

09/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.636 ng

RT: 8.922 min Scan# 1162

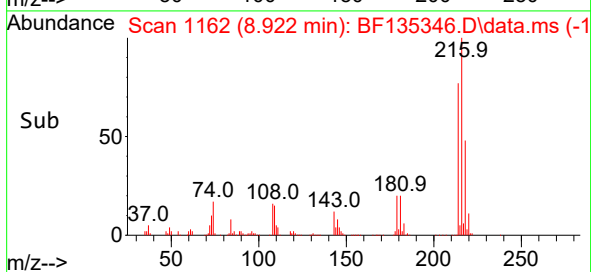
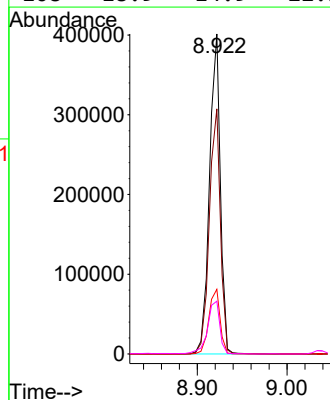
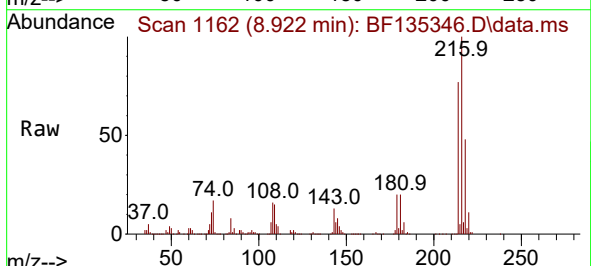
Delta R.T. 0.000 min

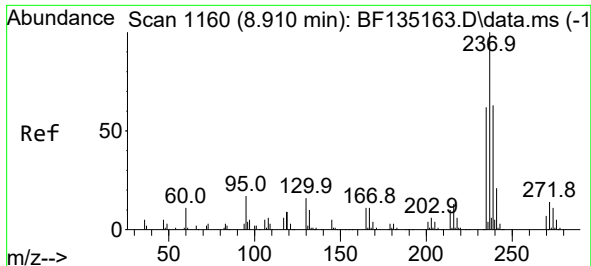
Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Tgt Ion:216 Resp: 335634

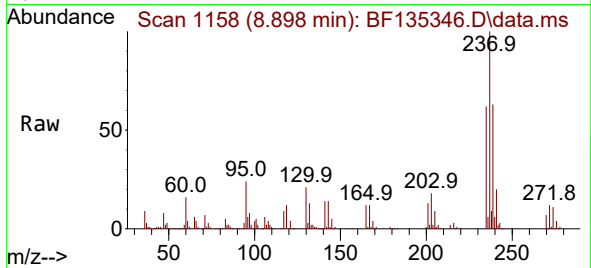
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	20.9	16.7	25.1
108	18.9	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 38.981 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



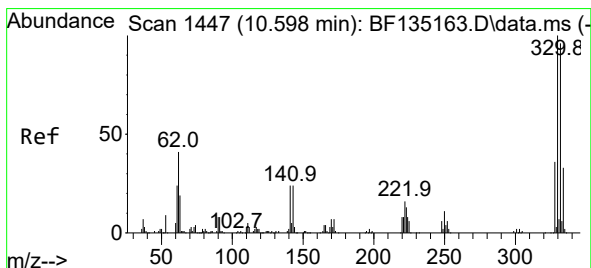
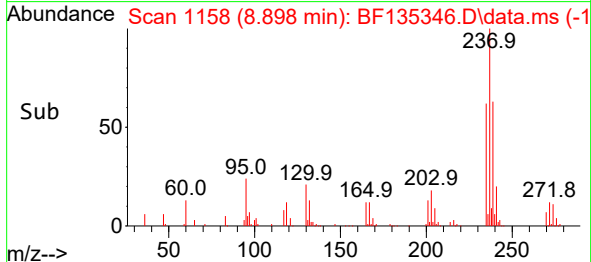
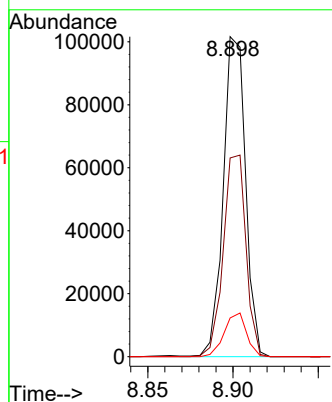
Tgt Ion: 237 Resp: 92530
Ion Ratio Lower Upper
237 100
235 62.1 41.8 81.8
272 12.1 0.0 33.6

Manual Integrations
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Reviewed By : Yogesh
Patel

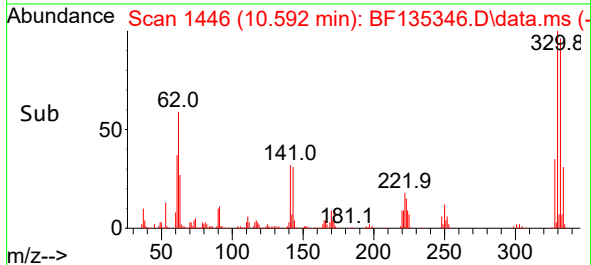
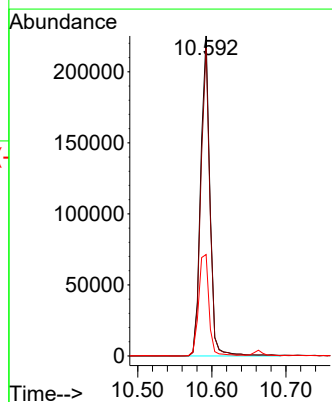
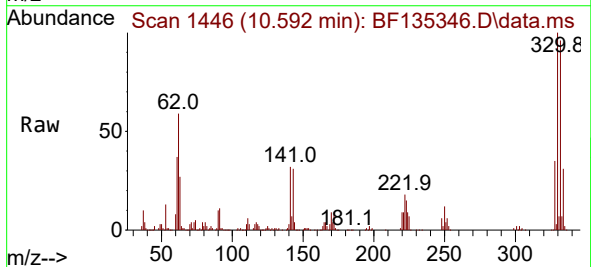
09/20/2023
Supervised By : mohammad
ahmed

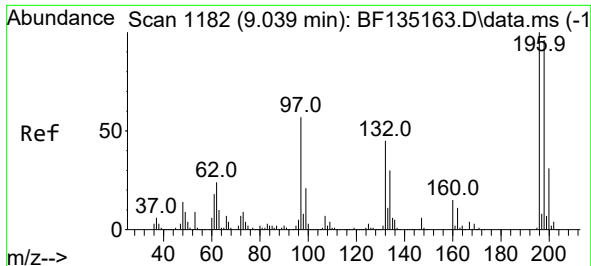
09/20/2023



#42
2,4,6-Tribromophenol
Concen: 93.908 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

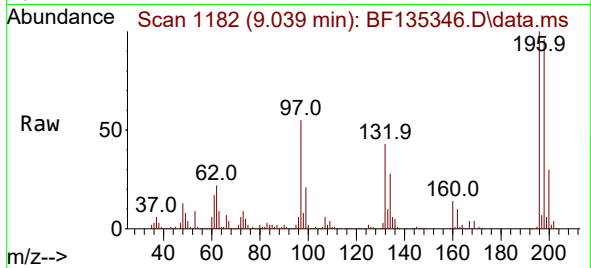
Tgt Ion: 330 Resp: 194327
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 35.8 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 54.672 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



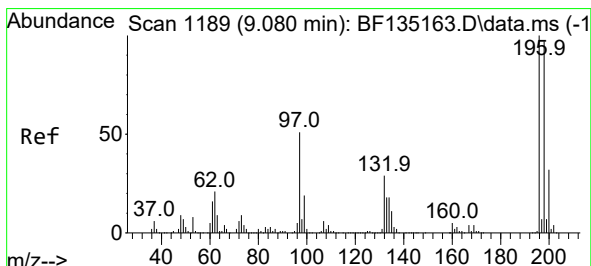
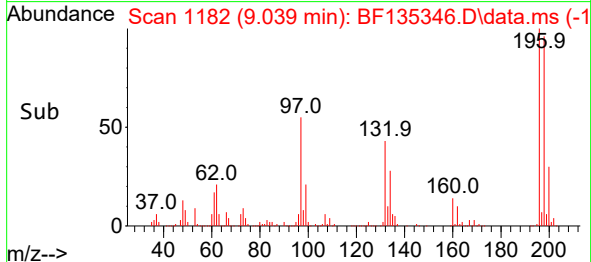
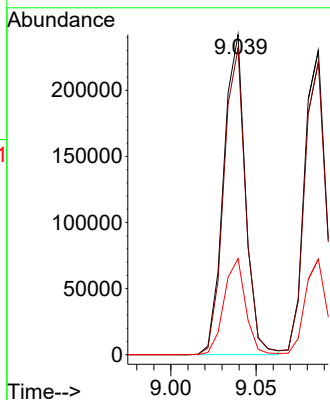
Tgt Ion:196 Resp: 21594
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.6
200 30.1 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

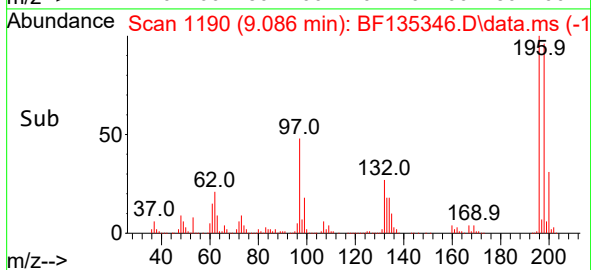
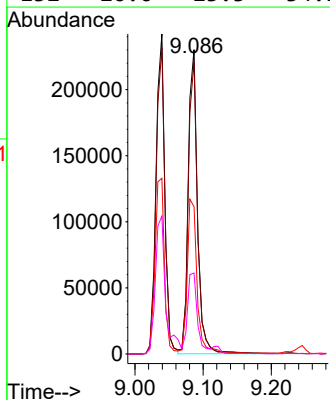
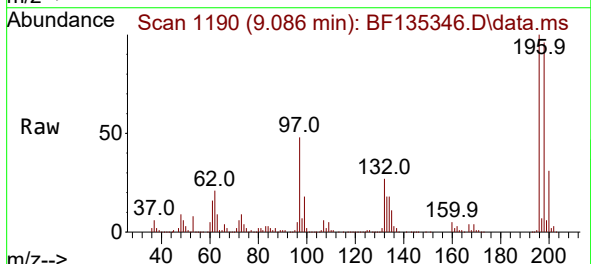
09/20/2023
Supervised By :mohammad
ahmed

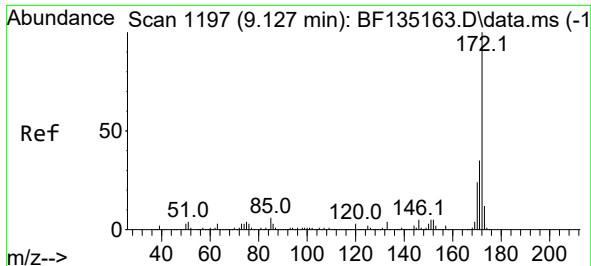
09/20/2023



#44
2,4,5-Trichlorophenol
Concen: 47.424 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Tgt Ion:196 Resp: 215719
Ion Ratio Lower Upper
196 100
198 96.2 77.5 116.3
97 48.4 40.5 60.7
132 26.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 82.032 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135346.D

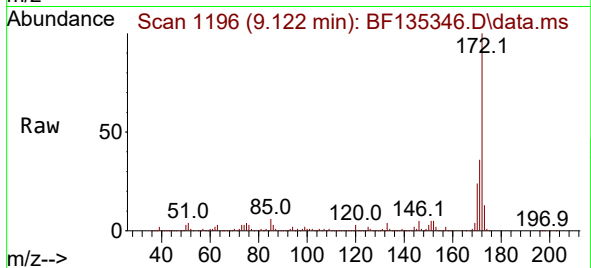
Acq: 19 Sep 2023 21:05

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDEMSD



Tgt Ion:172 Resp: 113221

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.8 19.0 28.4

Manual Integrations

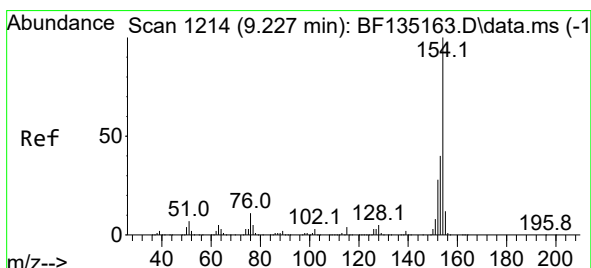
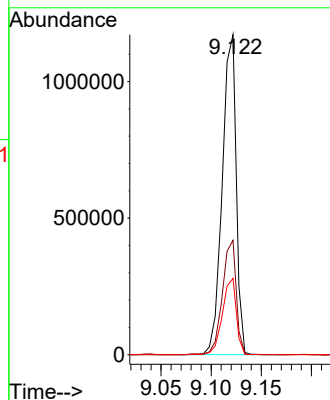
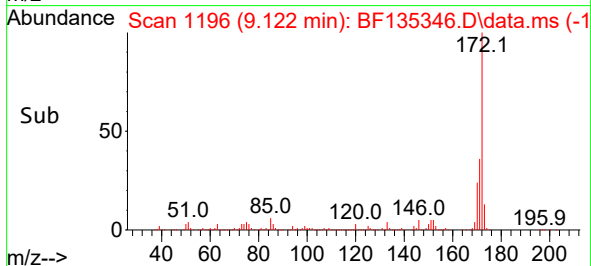
APPROVED

Reviewed By :Yogesh
Patel

09/20/2023

Supervised By :mohammad
ahmed

09/20/2023



#46

1,1'-Biphenyl

Concen: 53.744 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

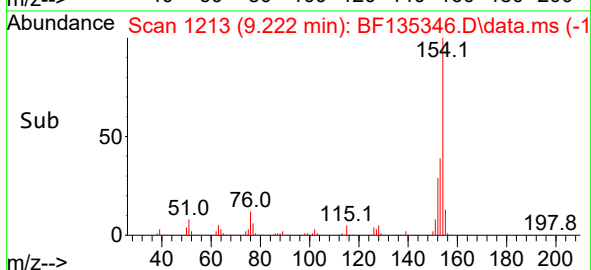
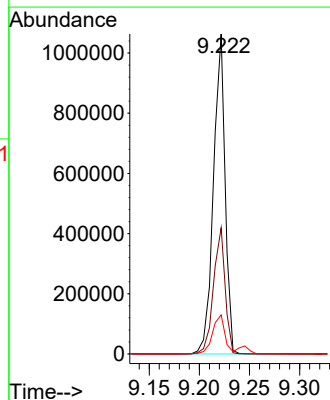
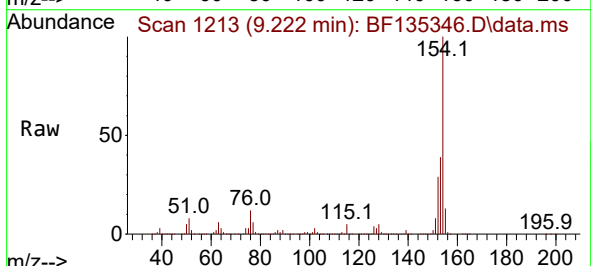
Tgt Ion:154 Resp: 860039

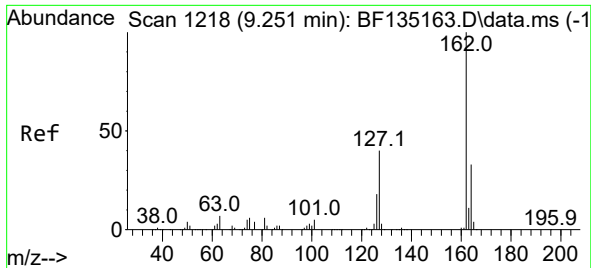
Ion Ratio Lower Upper

154 100

153 39.5 19.6 59.6

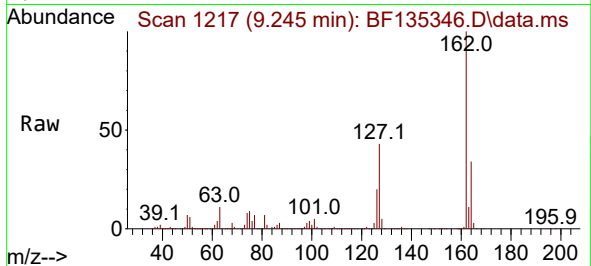
76 12.2 0.0 31.0





#47
2-Chloronaphthalene
Concen: 54.655 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



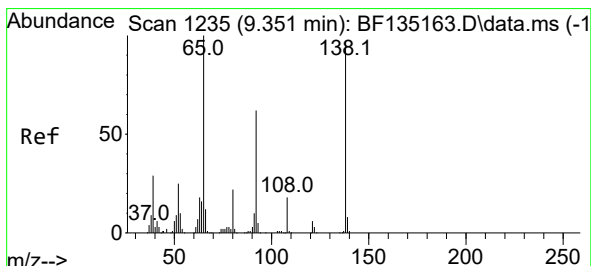
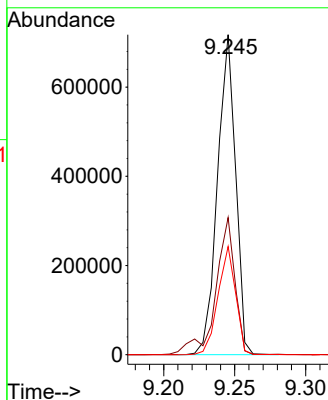
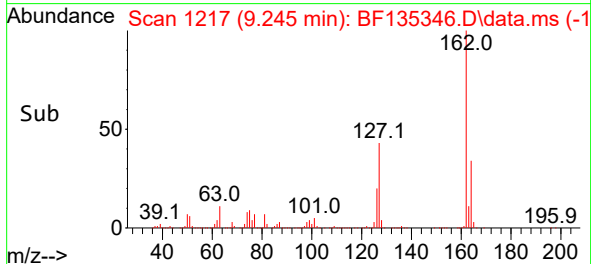
Tgt Ion:162 Resp: 63458
Ion Ratio Lower Upper
162 100
127 42.9 32.6 48.8
164 33.8 26.2 39.2

Manual Integrations
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Reviewed By :Yogesh
Patel

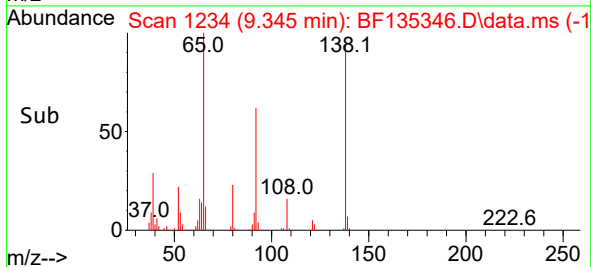
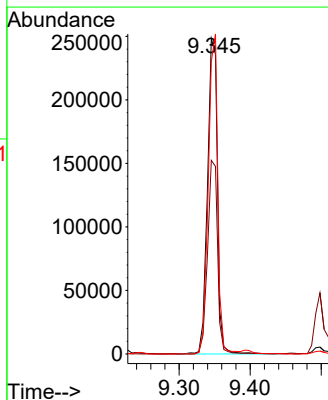
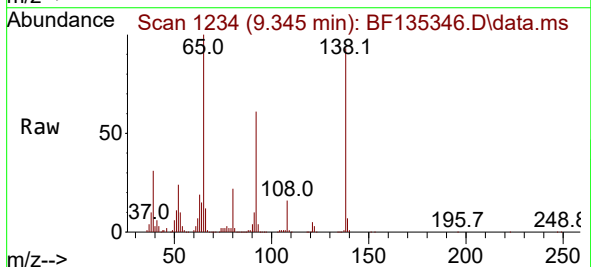
09/20/2023
Supervised By :mohammad
ahmed

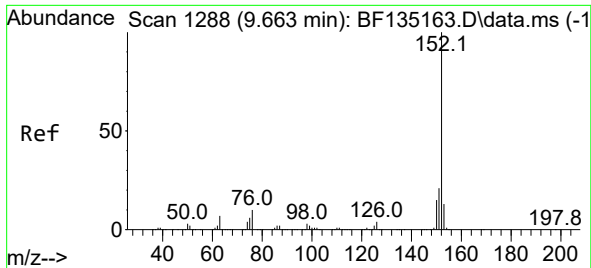
09/20/2023



#48
2-Nitroaniline
Concen: 53.575 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

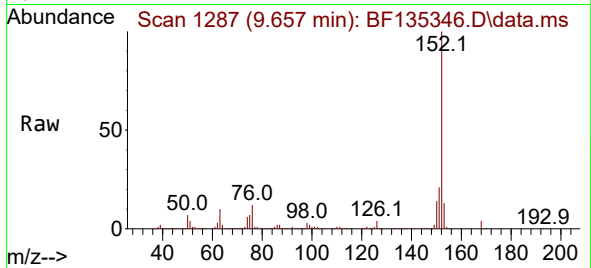
Tgt Ion: 65 Resp: 241661
Ion Ratio Lower Upper
65 100
92 61.4 49.4 74.0
138 92.7 77.4 116.0





#49
Acenaphthylene
Concen: 50.242 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



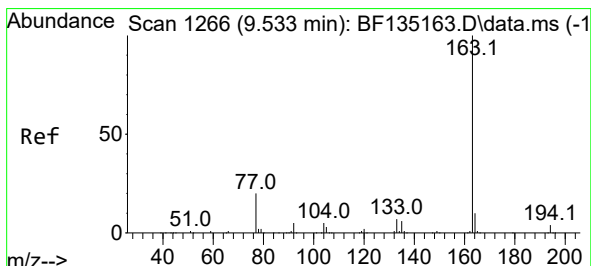
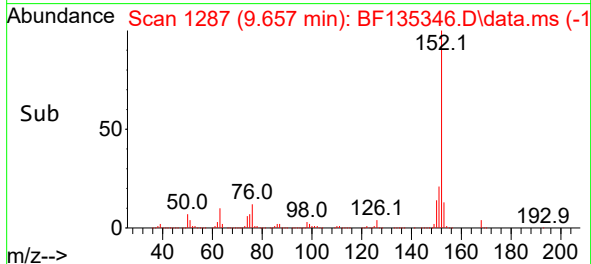
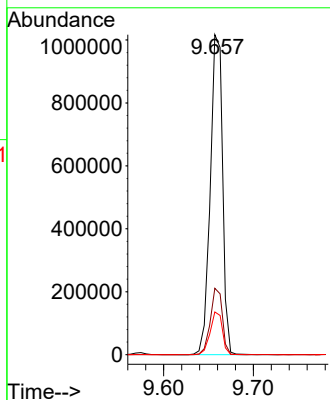
Tgt Ion:152 Resp: 96948
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.3 10.4 15.6

Manual Integrations
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Reviewed By :Yogesh
Patel

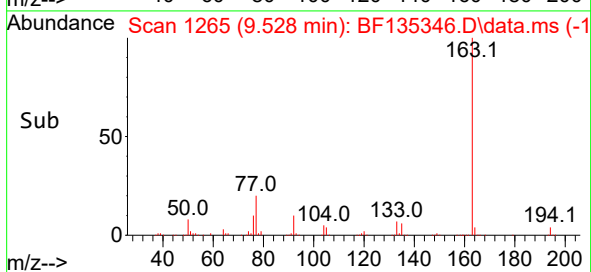
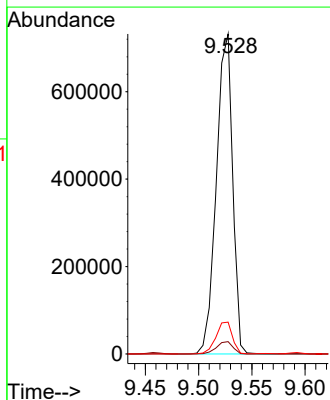
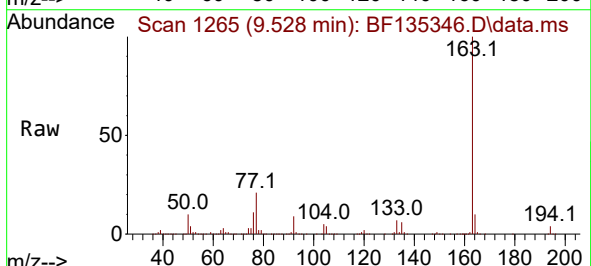
09/20/2023
Supervised By :mohammad
ahmed

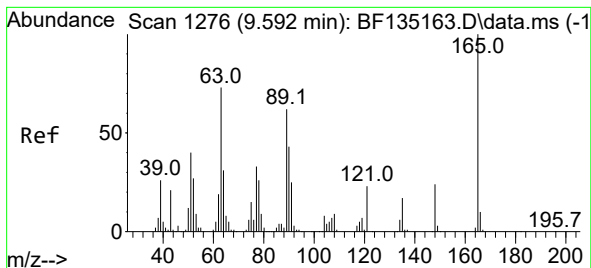
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#50
Dimethylphthalate
Concen: 55.067 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

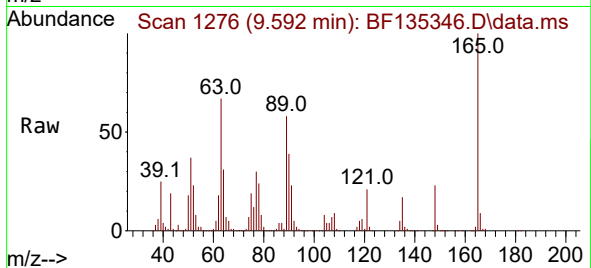
Tgt Ion:163 Resp: 775276
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.810 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



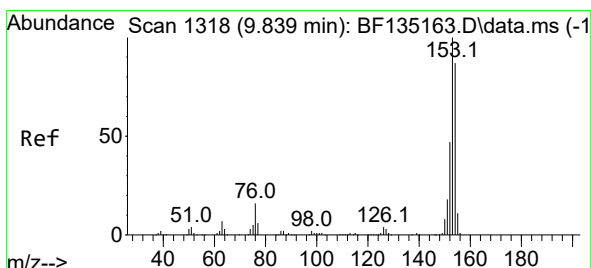
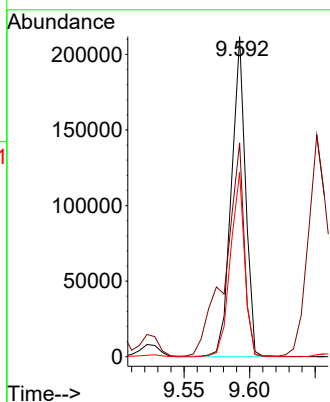
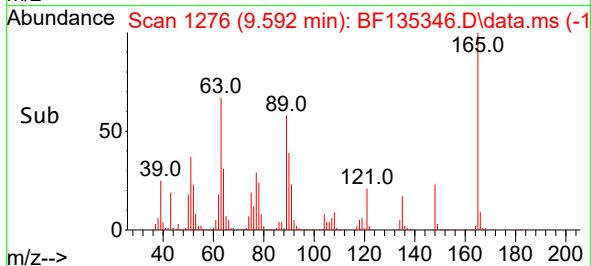
Tgt Ion:165 Resp: 15979
Ion Ratio Lower Upper
165 100
63 66.8 59.4 89.2
89 57.7 49.8 74.8

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Reviewed By :Yogesh
Patel

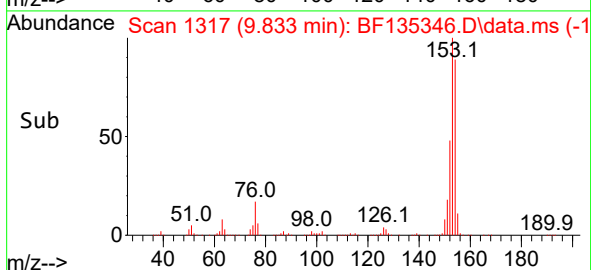
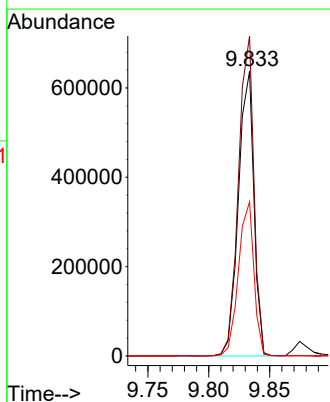
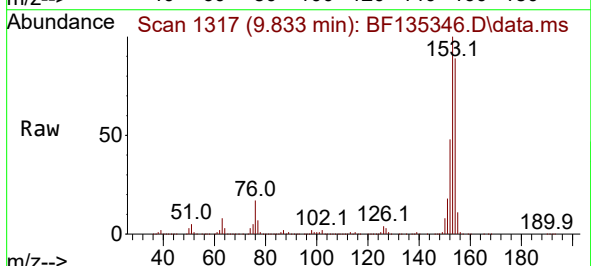
09/20/2023
Supervised By :mohammad
ahmed

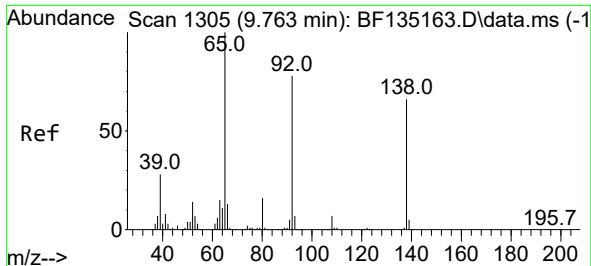
09/20/2023



#52
Acenaphthene
Concen: 49.544 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

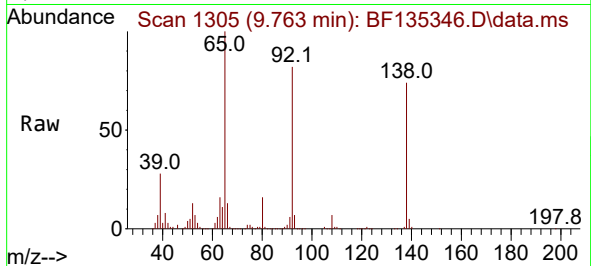
Tgt Ion:154 Resp: 564758
Ion Ratio Lower Upper
154 100
153 112.4 92.1 138.1
152 54.1 43.1 64.7





#53
3-Nitroaniline
Concen: 44.871 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



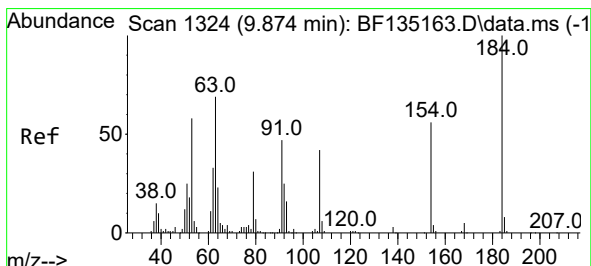
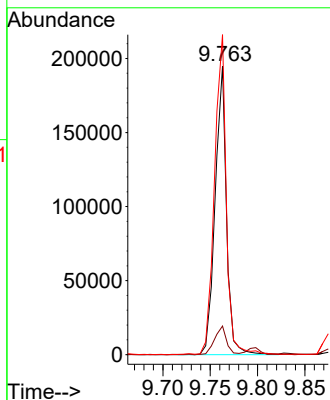
Tgt Ion:138 Resp: 162449
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 110.9 95.4 143.0

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Patel

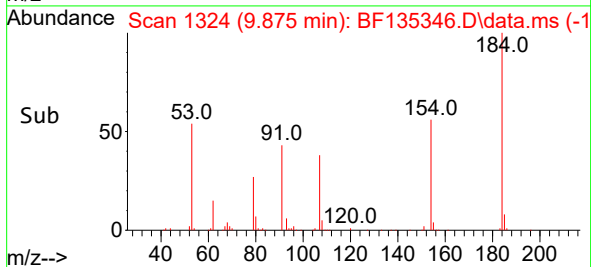
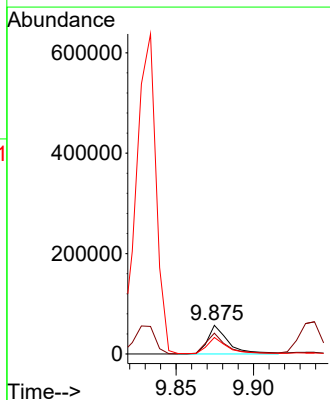
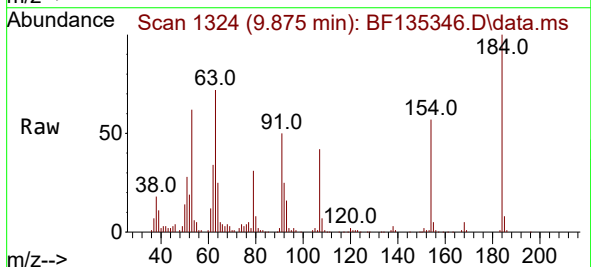
09/20/2023
Supervised By :mohammad
ahmed

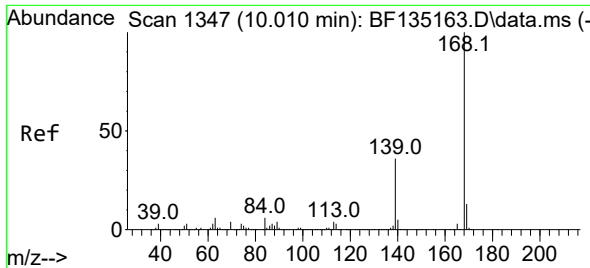
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#54
2,4-Dinitrophenol
Concen: 33.946 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

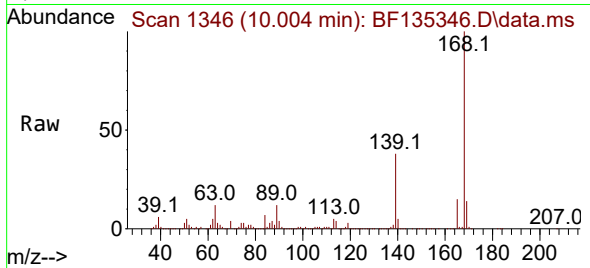
Tgt Ion:184 Resp: 52604
Ion Ratio Lower Upper
184 100
63 72.5 55.1 82.7
154 57.2 48.4 72.6





#55
Dibenzofuran
Concen: 46.982 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



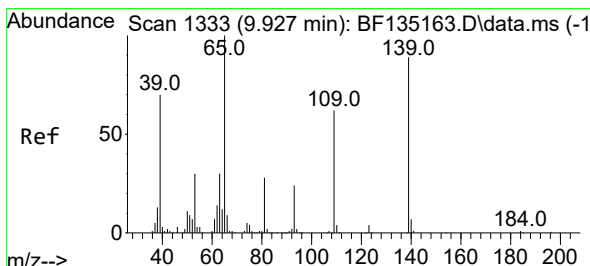
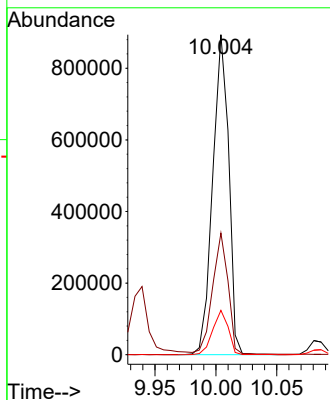
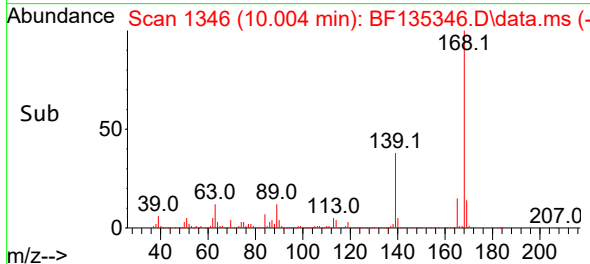
Tgt Ion:168 Resp: 81724
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.8 10.4 15.6

Manual Integrations
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Reviewed By :Yogesh
Patel

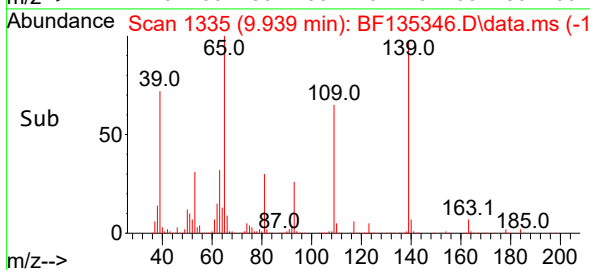
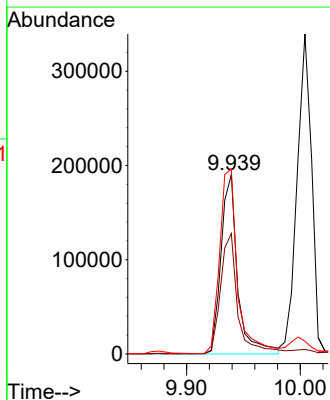
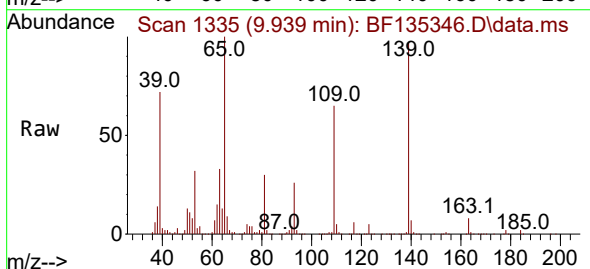
09/20/2023
Supervised By :mohammad
ahmed

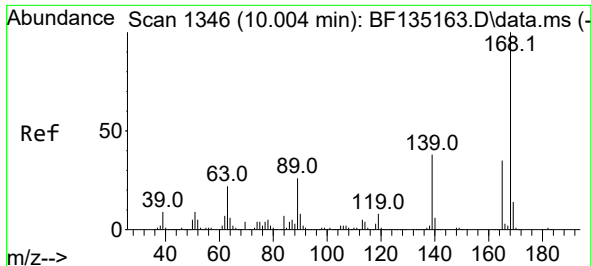
09/20/2023



#56
4-Nitrophenol
Concen: 84.803 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

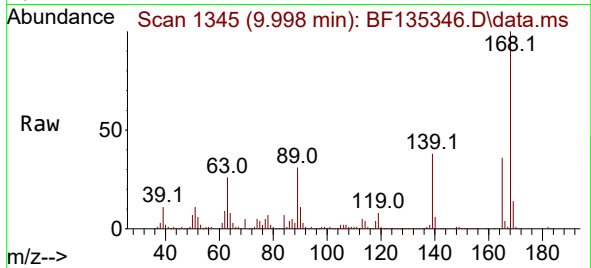
Tgt Ion:139 Resp: 195123
Ion Ratio Lower Upper
139 100
109 67.2 49.8 89.8
65 103.1 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 44.287 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



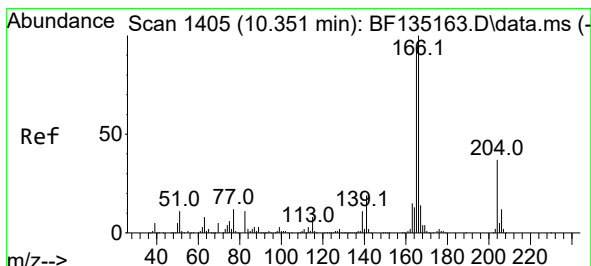
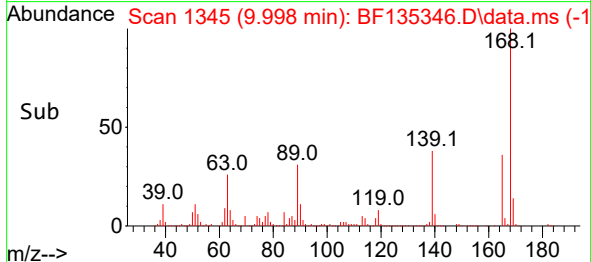
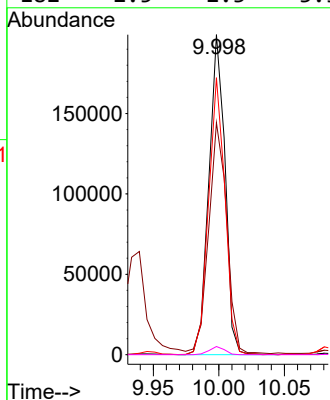
Tgt Ion:165 Resp: 170999
Ion Ratio Lower Upper
165 100
63 72.5 50.1 75.1
89 86.6 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations
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Reviewed By :Yogesh
Patel

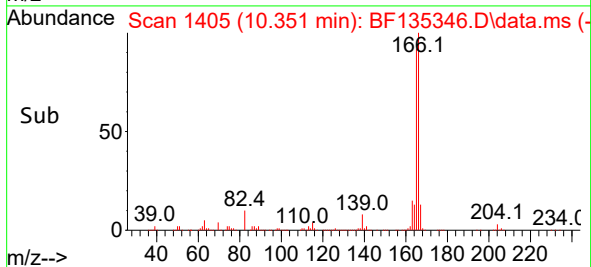
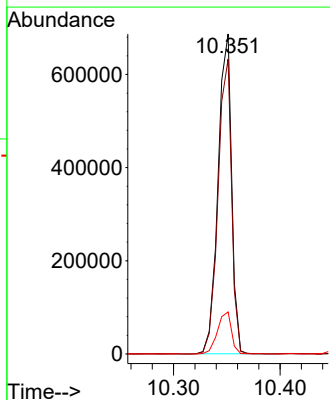
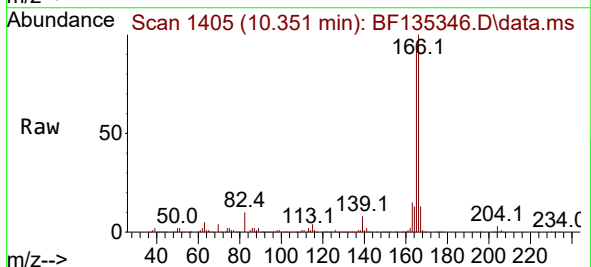
09/20/2023
Supervised By :mohammad
ahmed

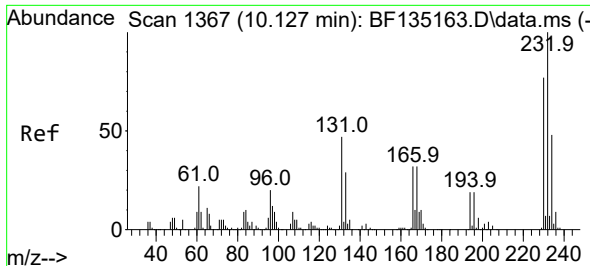
09/20/2023



#58
Fluorene
Concen: 45.255 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

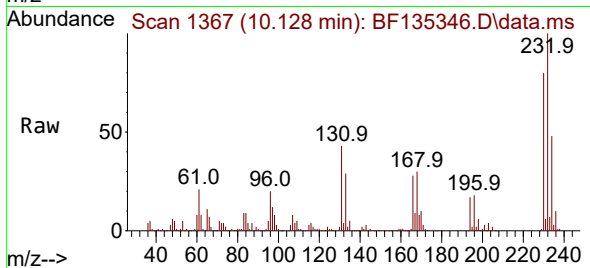
Tgt Ion:166 Resp: 605168
Ion Ratio Lower Upper
166 100
165 92.2 74.3 111.5
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.670 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



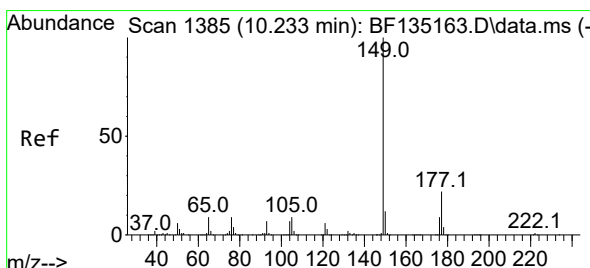
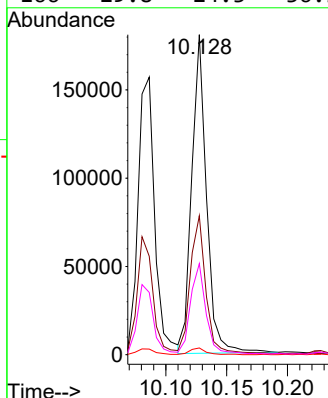
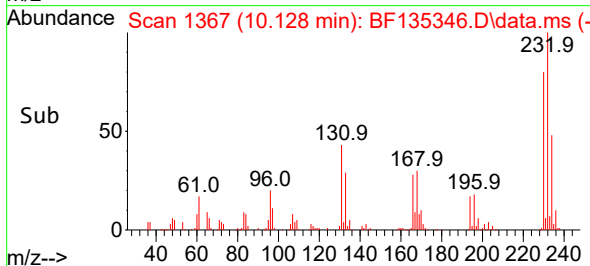
Tgt Ion:232 Resp: 152809
Ion Ratio Lower Upper
232 100
131 45.9 35.4 53.2
130 2.4 1.8 2.8
166 29.8 24.3 36.5

Manual Integrations
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Reviewed By :Yogesh
Patel

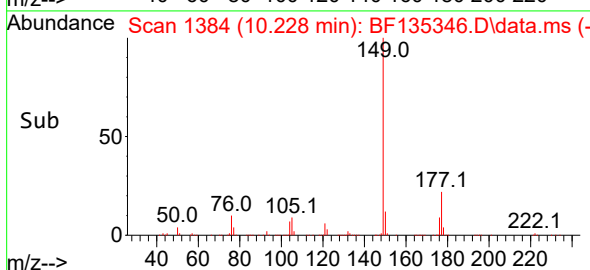
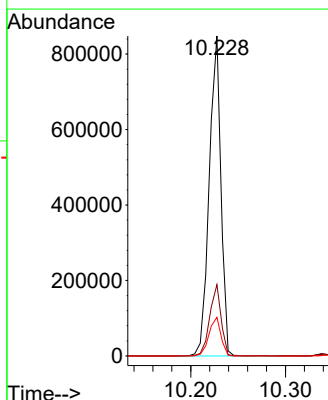
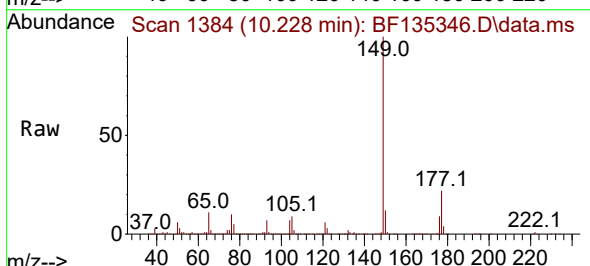
09/20/2023
Supervised By :mohammad
ahmed

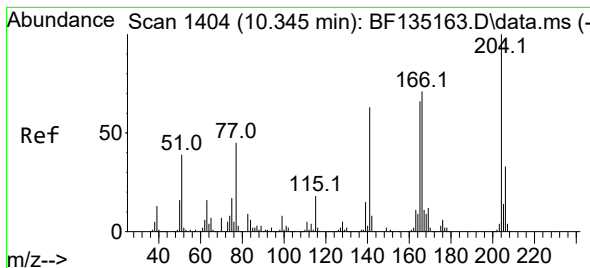
09/20/2023



#60
Diethylphthalate
Concen: 51.347 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

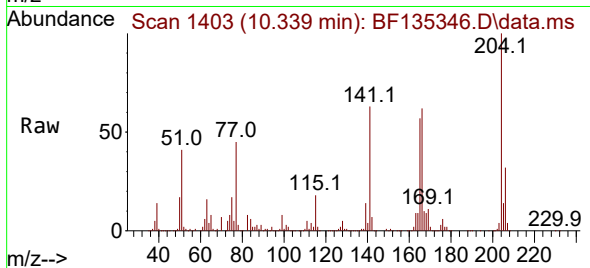
Tgt Ion:149 Resp: 725489
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.263 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



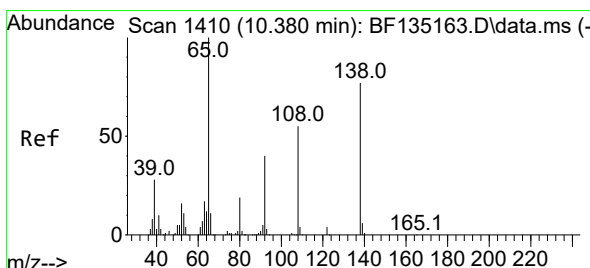
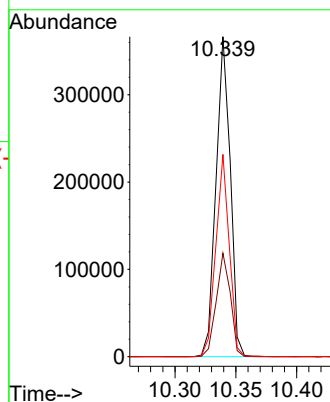
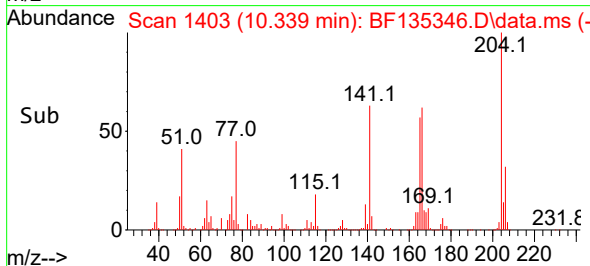
Tgt Ion:204 Resp: 297179
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 63.2 50.6 75.8

Manual Integrations
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Reviewed By :Yogesh
Patel

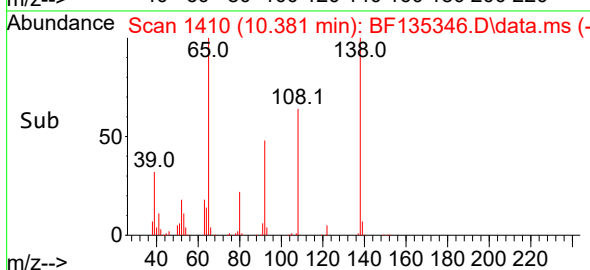
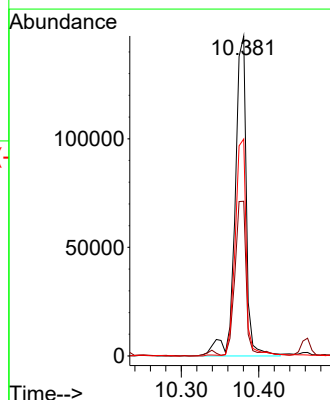
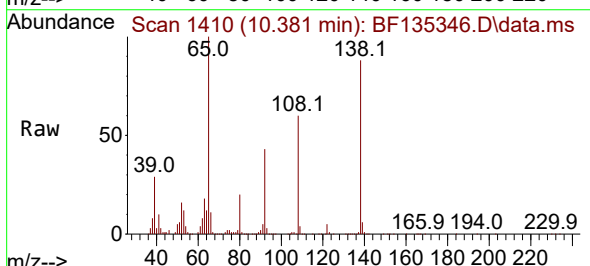
09/20/2023
Supervised By :mohammad
ahmed

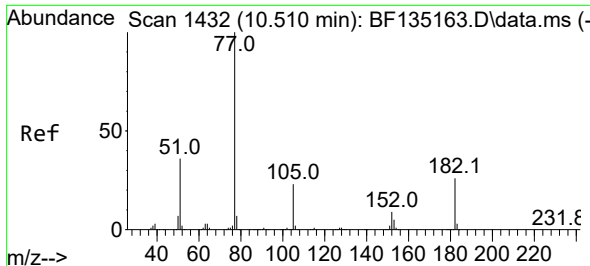
09/20/2023



#62
4-Nitroaniline
Concen: 42.946 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

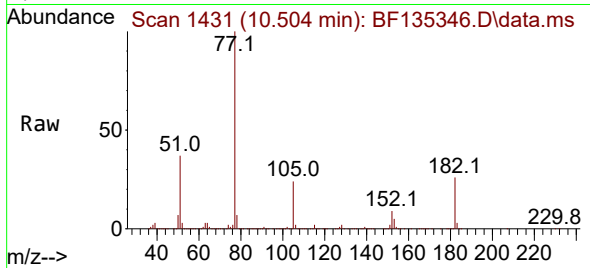
Tgt Ion:138 Resp: 149453
Ion Ratio Lower Upper
138 100
92 48.3 31.8 71.8
108 67.8 52.0 92.0





#63
Azobenzene
Concen: 48.541 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



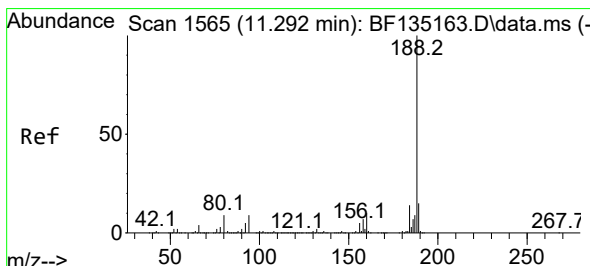
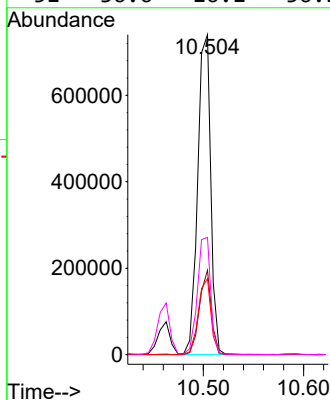
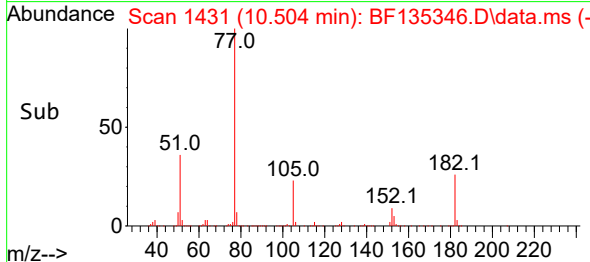
Tgt Ion: 77 Resp: 671238
Ion Ratio Lower Upper
77 100
182 26.4 6.4 46.4
105 23.8 3.1 43.1
51 36.6 16.1 56.1

Manual Integrations
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Reviewed By :Yogesh
Patel

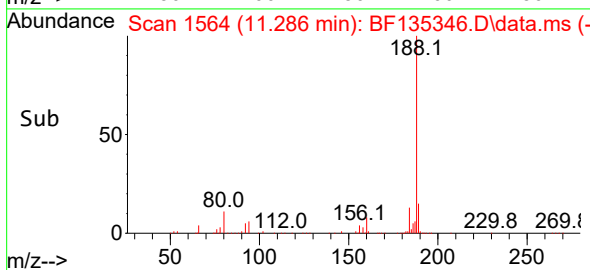
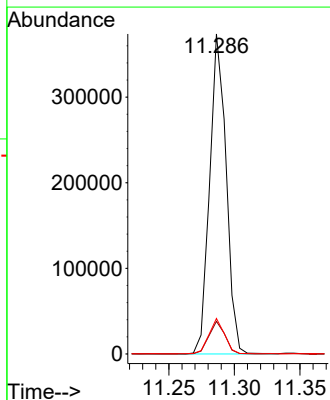
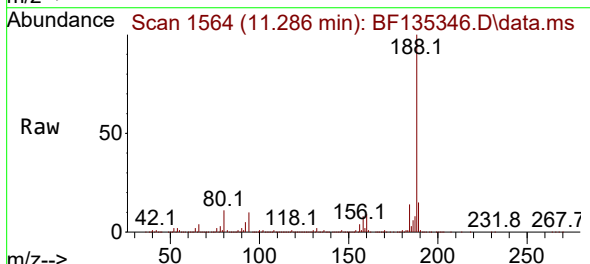
09/20/2023
Supervised By :mohammad
ahmed

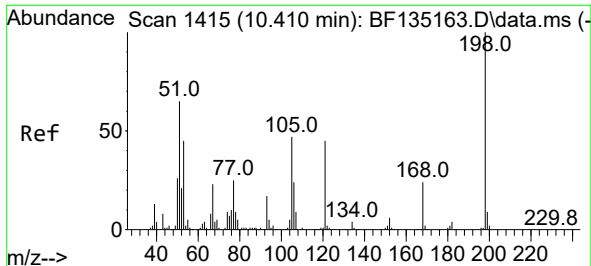
09/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Tgt Ion:188 Resp: 327831
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.1 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 22.331 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD

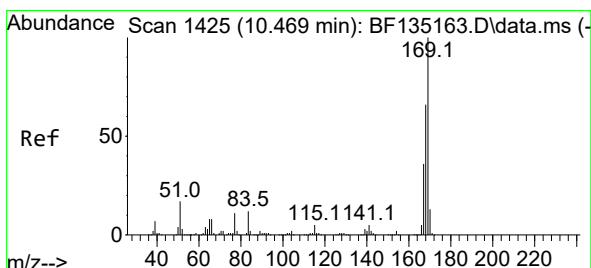
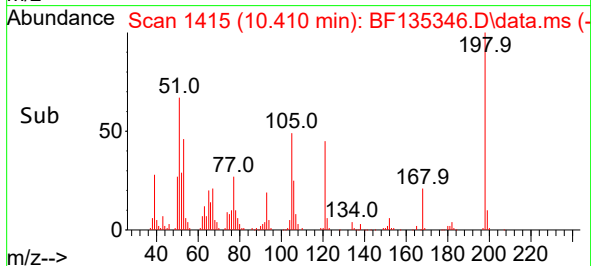
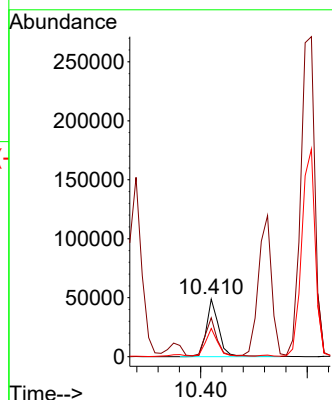
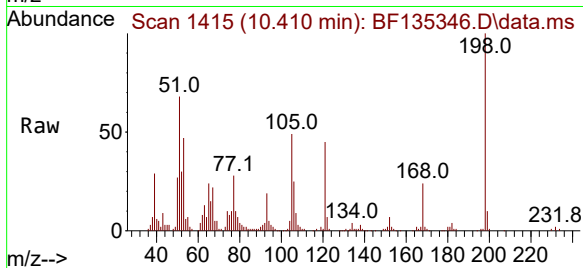
Tgt Ion:198 Resp: 3888
Ion Ratio Lower Upper
198 100
51 67.7 47.7 87.7
105 48.9 27.4 67.4

Manual Integrations
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Reviewed By :Yogesh
Patel

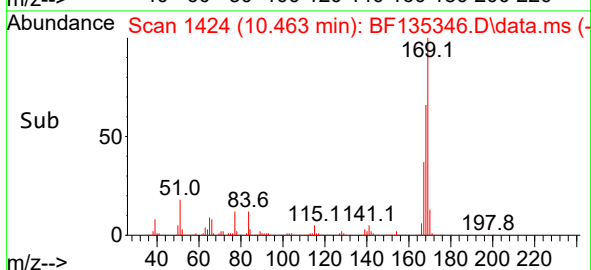
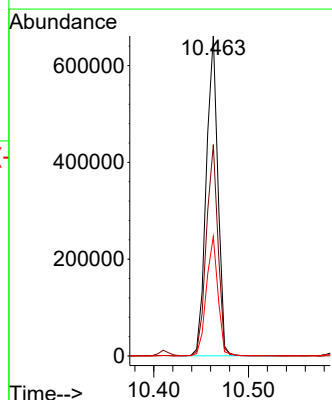
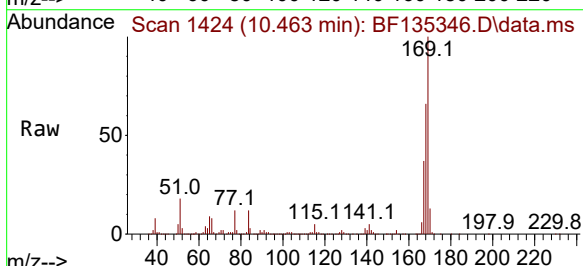
09/20/2023
Supervised By :mohammad
ahmed

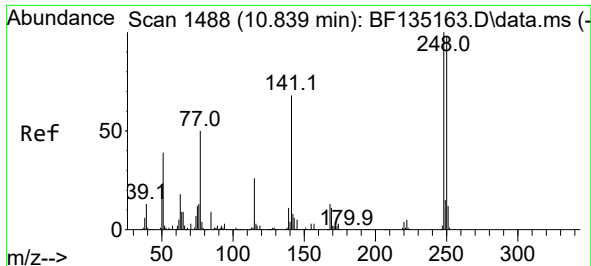
09/20/2023



#66
n-Nitrosodiphenylamine
Concen: 56.605 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

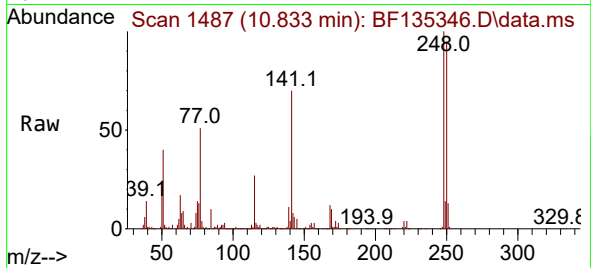
Tgt Ion:169 Resp: 561801
Ion Ratio Lower Upper
169 100
168 66.1 52.8 79.2
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 54.936 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



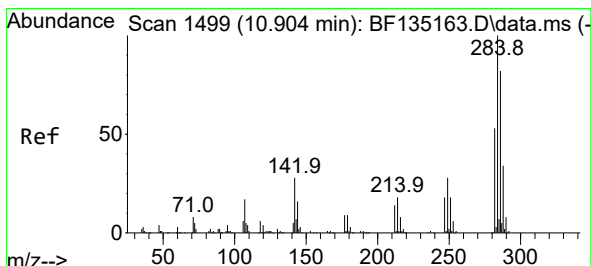
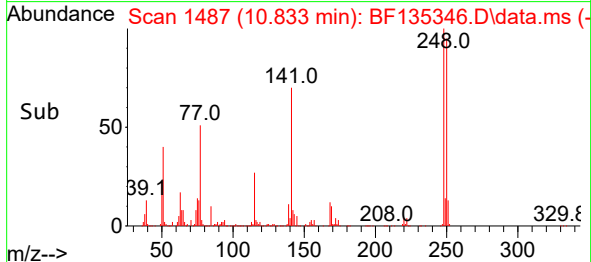
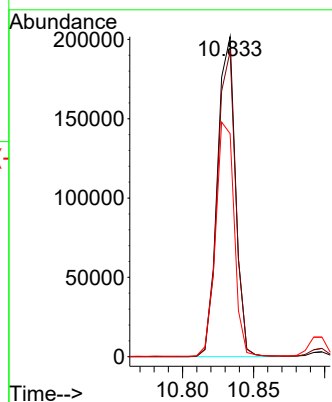
Tgt Ion:248 Resp: 17912
Ion Ratio Lower Upper
248 100
250 95.5 78.6 117.8
141 69.7 54.2 81.2

Manual Integrations
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Reviewed By :Yogesh
Patel

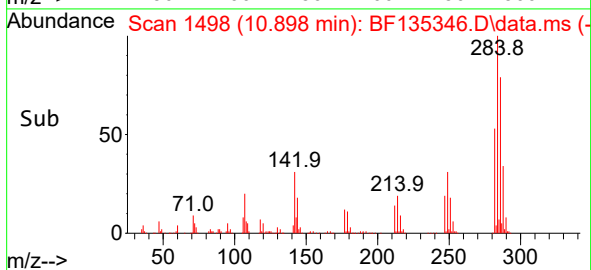
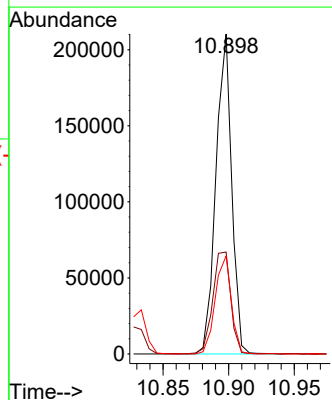
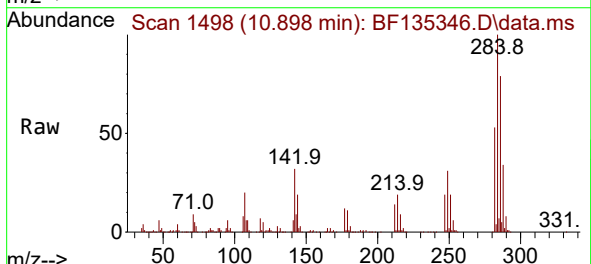
09/20/2023
Supervised By :mohammad
ahmed

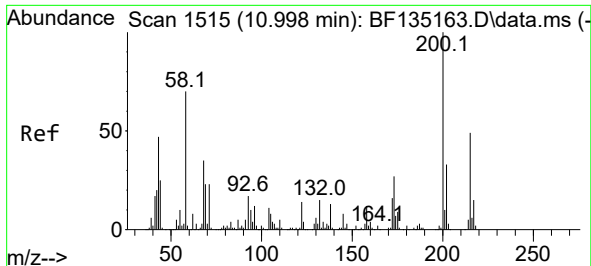
09/20/2023



#68
Hexachlorobenzene
Concen: 52.770 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

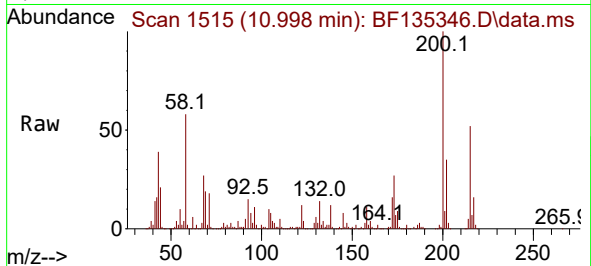
Tgt Ion:284 Resp: 175286
Ion Ratio Lower Upper
284 100
142 31.8 22.2 33.4
249 30.6 22.5 33.7





#69
 Atrazine
 Concen: 59.605 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF135346.D
 Acq: 19 Sep 2023 21:05

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDEMSD



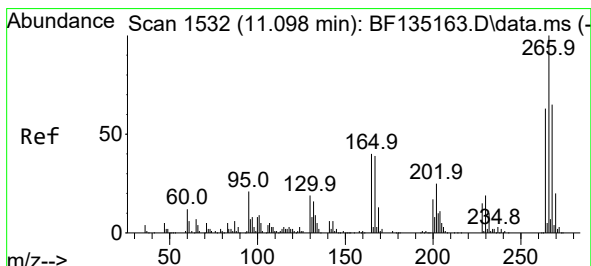
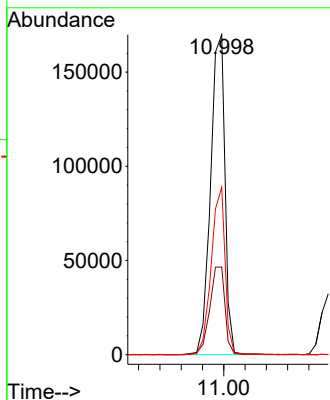
Tgt Ion:200 Resp: 15917
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.4 47.4
 215 52.3 28.6 68.6

Manual Integrations
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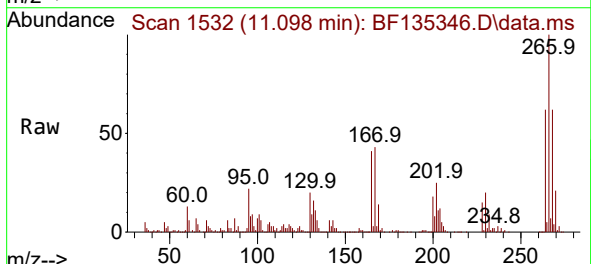
Reviewed By :Yogesh
 Patel

09/20/2023
 Supervised By :mohammad
 ahmed

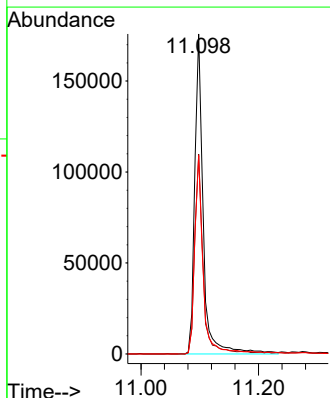
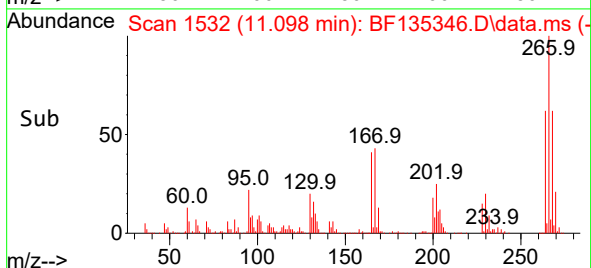
09/20/2023

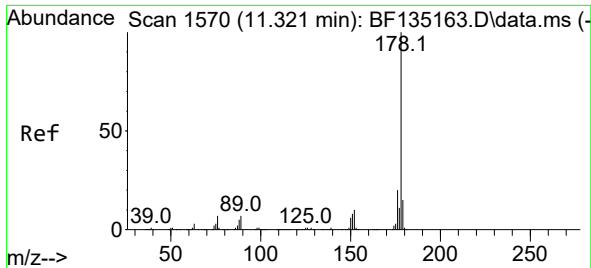


#70
 Pentachlorophenol
 Concen: 89.245 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF135346.D
 Acq: 19 Sep 2023 21:05



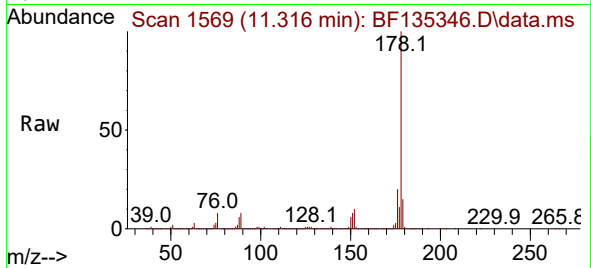
Tgt Ion:266 Resp: 177364
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.1 78.1
 264 62.0 50.8 76.2





#71
Phenanthrene
Concen: 52.209 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



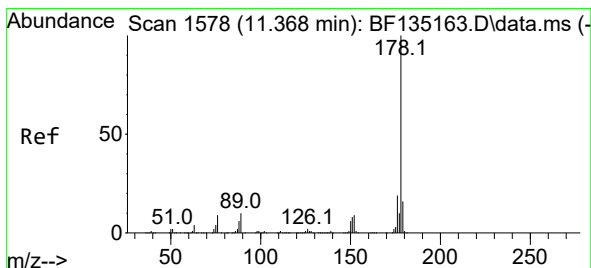
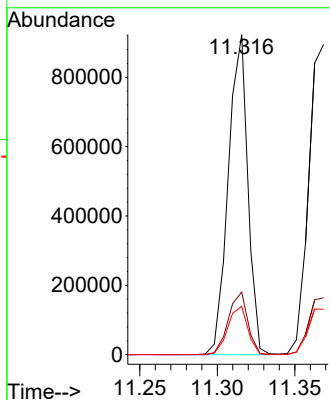
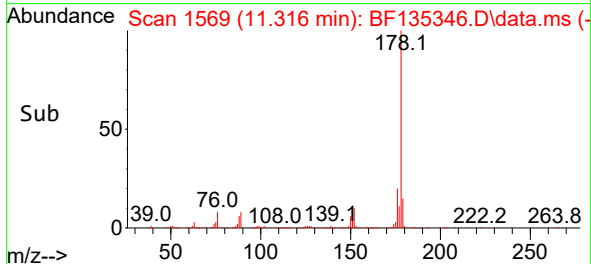
Tgt Ion:178 Resp: 809499
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.1 12.0 18.0

Manual Integrations
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Reviewed By :Yogesh
Patel

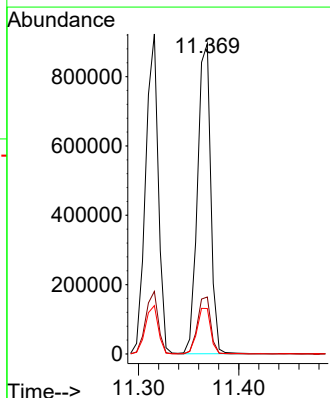
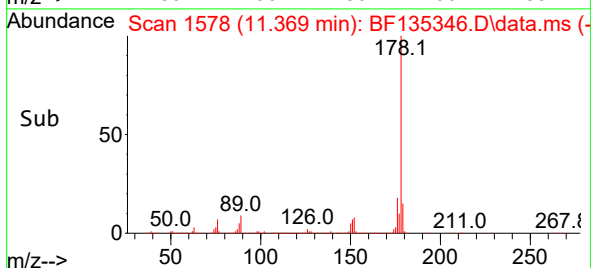
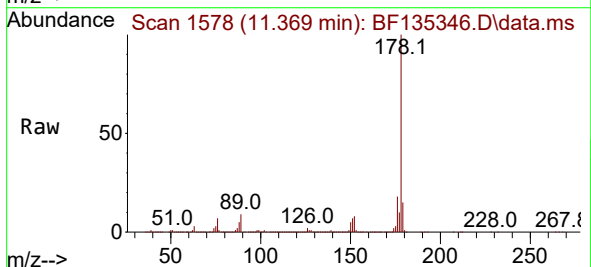
09/20/2023
Supervised By :mohammad
ahmed

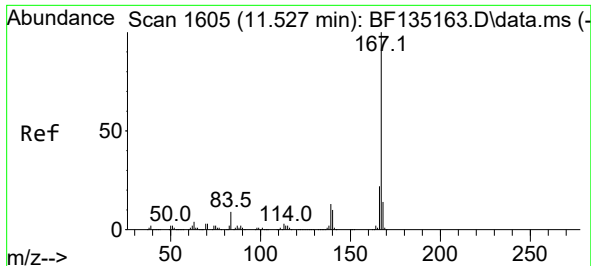
09/20/2023



#72
Anthracene
Concen: 51.617 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

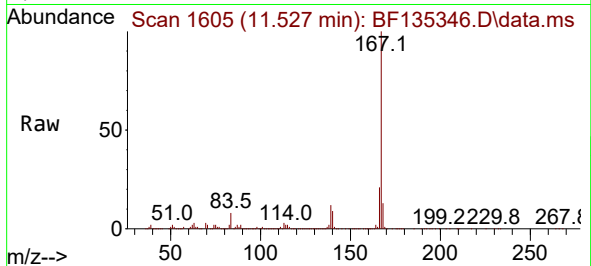
Tgt Ion:178 Resp: 822638
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 14.7 12.6 19.0





#73
 Carbazole
 Concen: 50.962 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135346.D
 Acq: 19 Sep 2023 21:05

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDEMSD



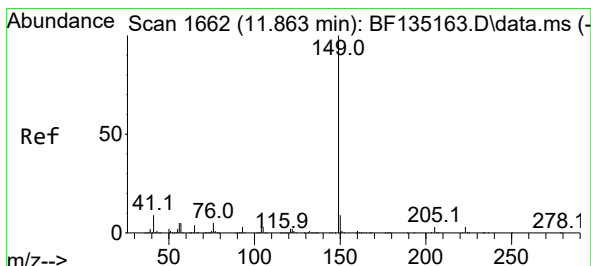
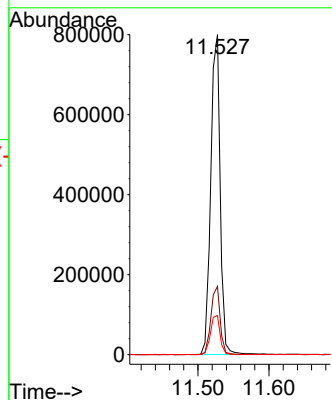
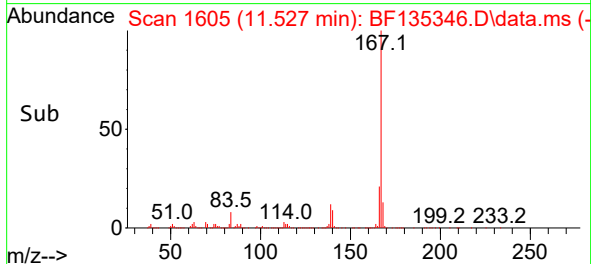
Tgt Ion:167 Resp: 73937
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.3 10.6 15.8

Manual Integrations
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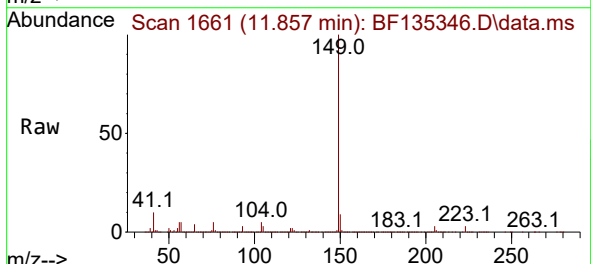
Reviewed By :Yogesh
 Patel

09/20/2023
 Supervised By :mohammad
 ahmed

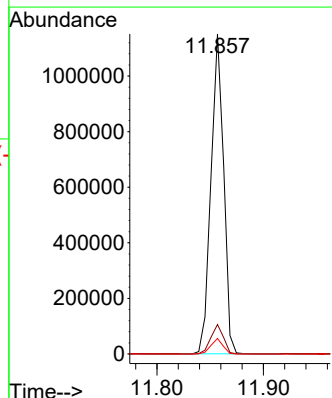
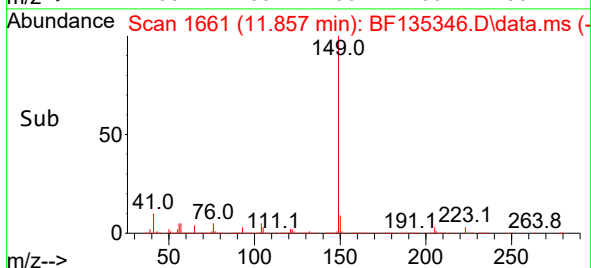
09/20/2023

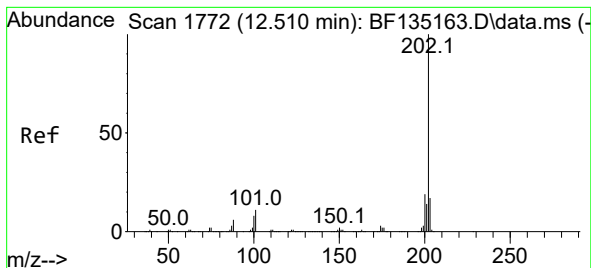


#74
 Di-n-butylphthalate
 Concen: 55.686 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135346.D
 Acq: 19 Sep 2023 21:05



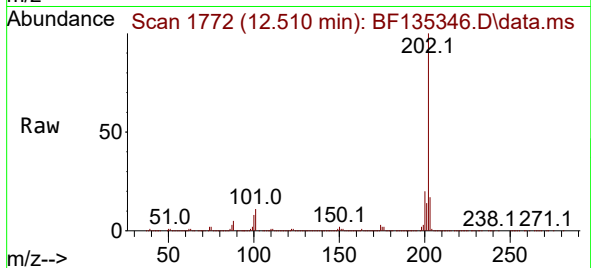
Tgt Ion:149 Resp: 951998
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 53.638 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



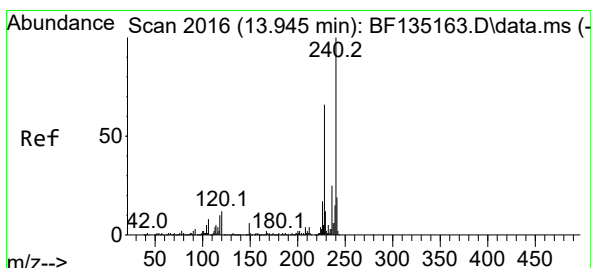
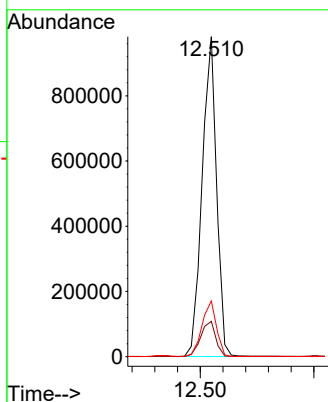
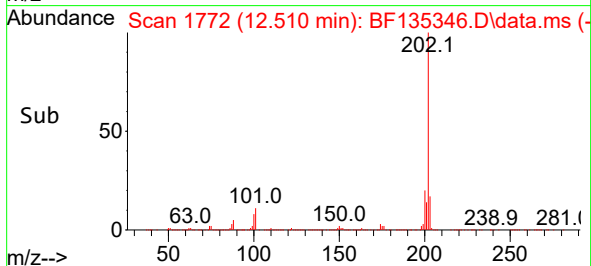
Tgt Ion:202 Resp: 866572
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 17.4 0.0 37.4

Manual Integrations
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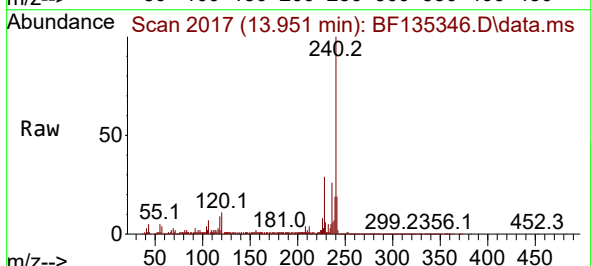
Reviewed By :Yogesh
Patel

09/20/2023
Supervised By :mohammad
ahmed

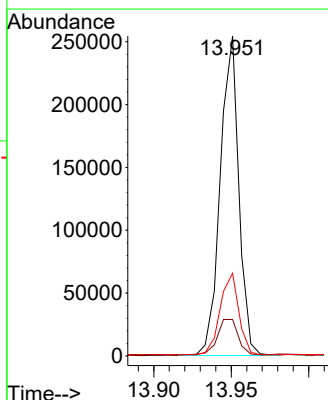
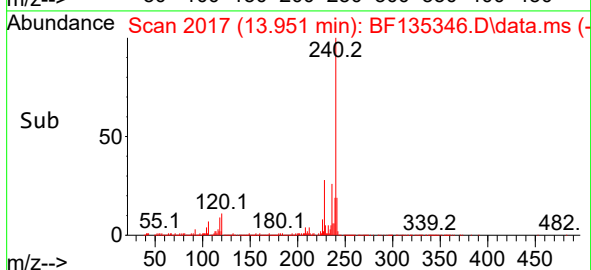
09/20/2023

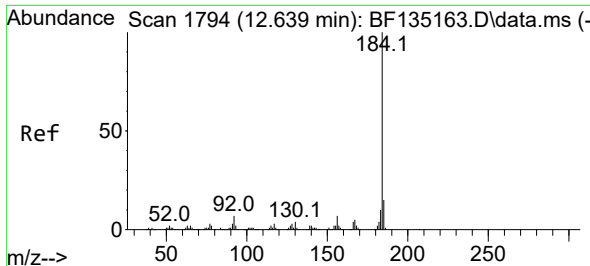


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05



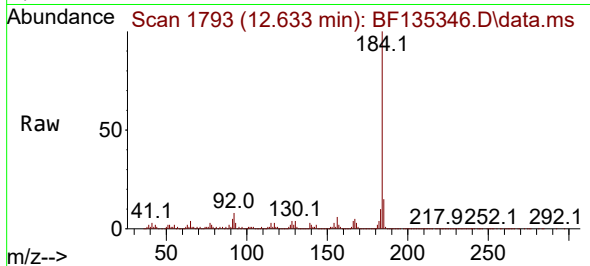
Tgt Ion:240 Resp: 211688
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.9 19.8 29.8





#77
Benzidine
Concen: 78.757 ng
RT: 12.633 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



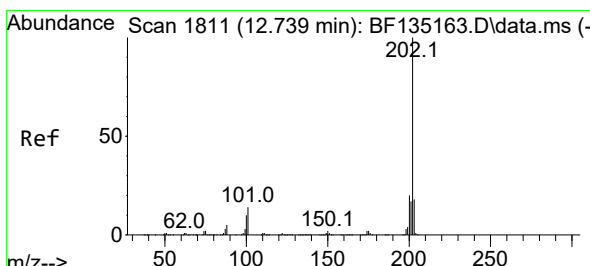
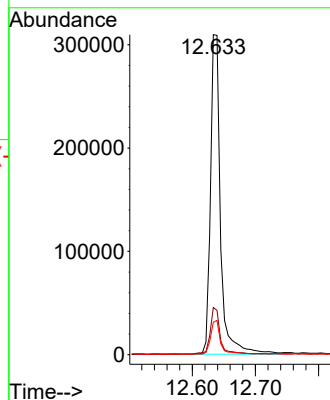
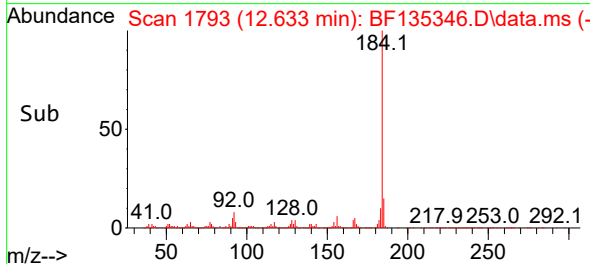
Tgt Ion:184 Resp: 34155
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 10.1 8.2 12.4

Manual Integrations
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Reviewed By :Yogesh
Patel

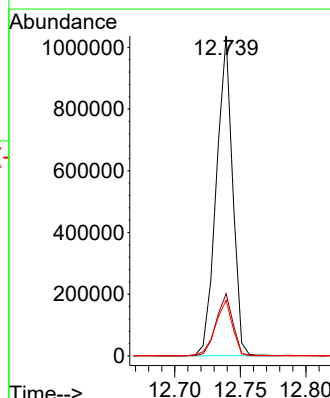
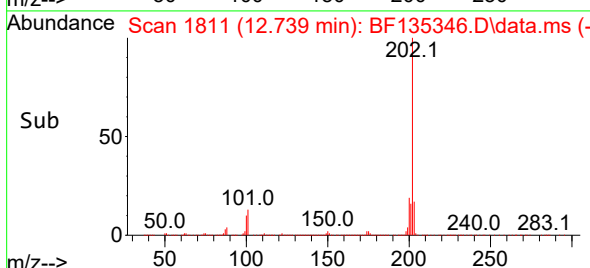
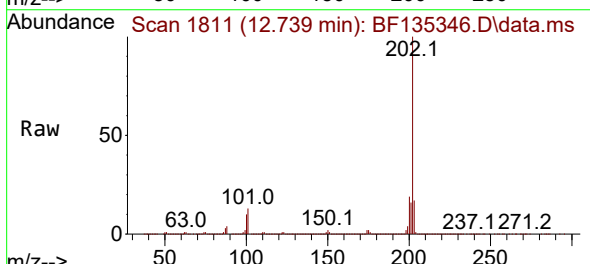
09/20/2023
Supervised By :mohammad
ahmed

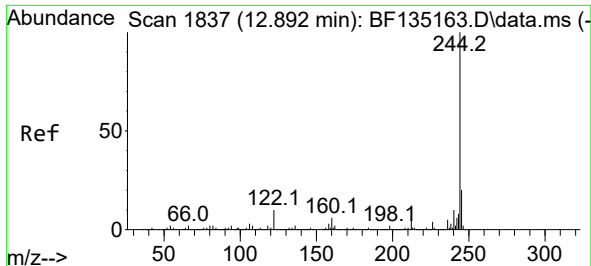
09/20/2023



#78
Pyrene
Concen: 44.248 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

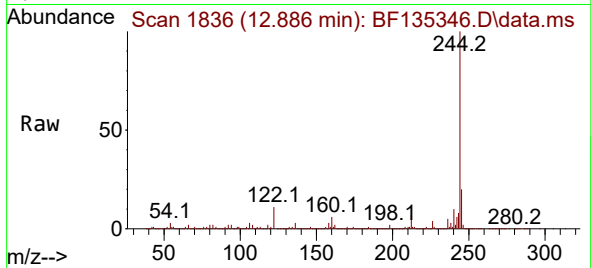
Tgt Ion:202 Resp: 891791
Ion Ratio Lower Upper
202 100
200 19.4 16.2 24.2
203 17.4 14.2 21.4





#79
 Terphenyl-d14
 Concen: 63.369 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135346.D
 Acq: 19 Sep 2023 21:05

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDEMSD



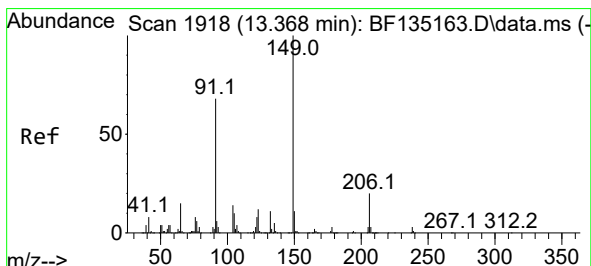
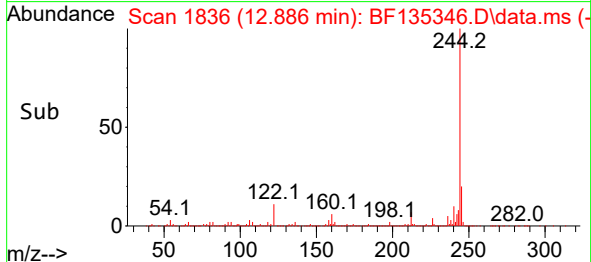
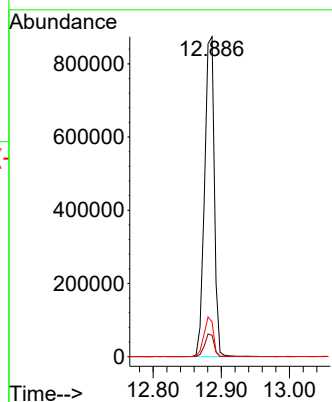
Tgt Ion:244 Resp: 86534
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.9 7.9 11.9

Manual Integrations
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Reviewed By :Yogesh
 Patel

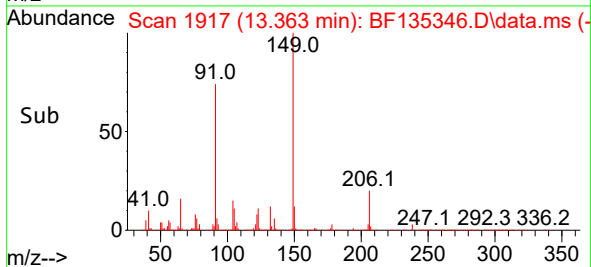
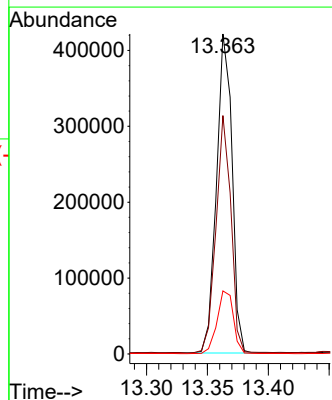
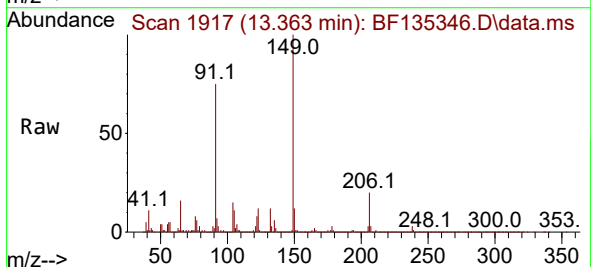
09/20/2023
 Supervised By :mohammad
 ahmed

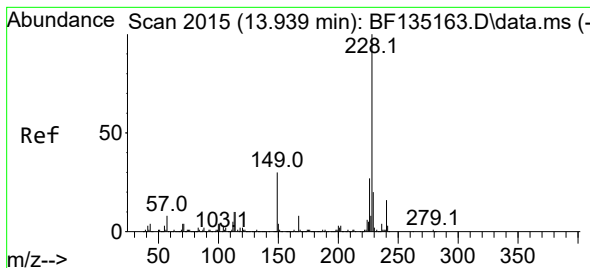
09/20/2023



#80
 Butylbenzylphthalate
 Concen: 52.576 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135346.D
 Acq: 19 Sep 2023 21:05

Tgt Ion:149 Resp: 373079
 Ion Ratio Lower Upper
 149 100
 91 74.5 54.7 82.1
 206 19.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 52.271 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDEMSD

Tgt Ion:228 Resp: 71451

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

229 19.8 15.8 23.8

Manual Integrations

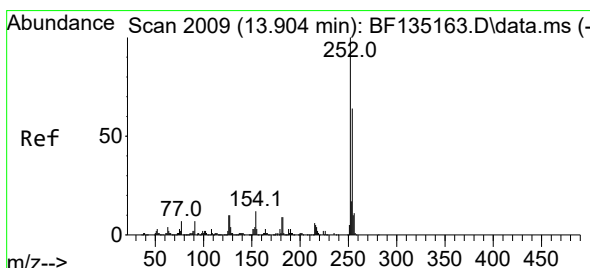
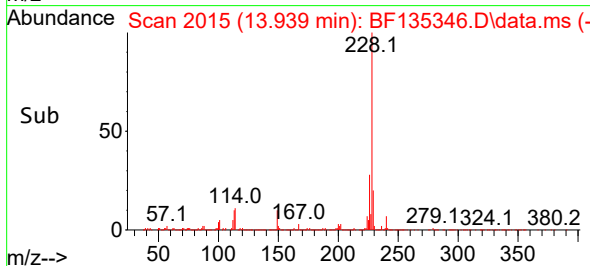
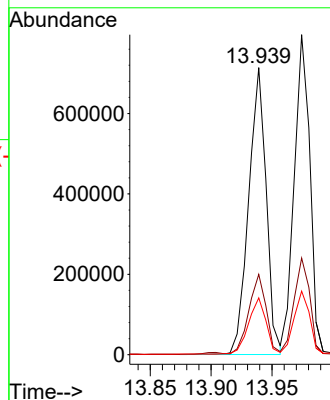
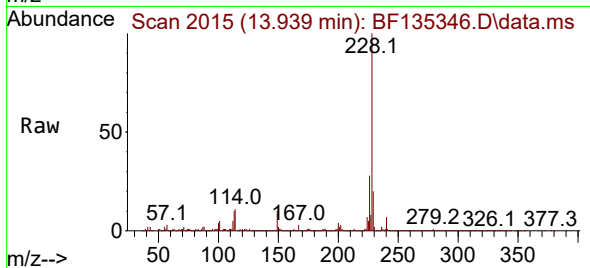
APPROVED

Reviewed By :Yogesh
Patel

09/20/2023

Supervised By :mohammad
ahmed

09/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 59.738 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

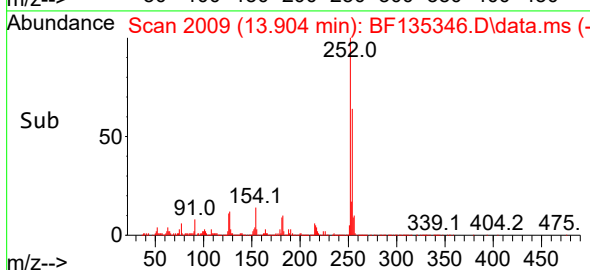
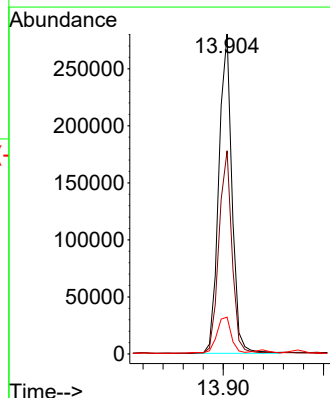
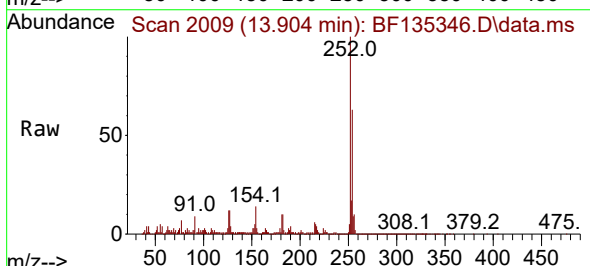
Tgt Ion:252 Resp: 255060

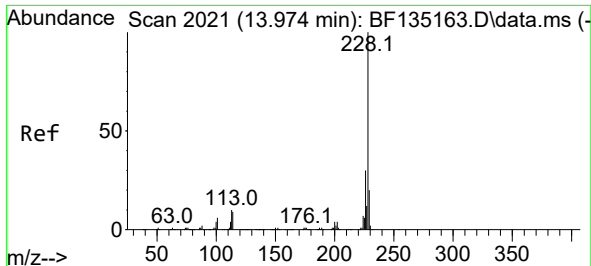
Ion Ratio Lower Upper

252 100

254 63.5 51.0 76.4

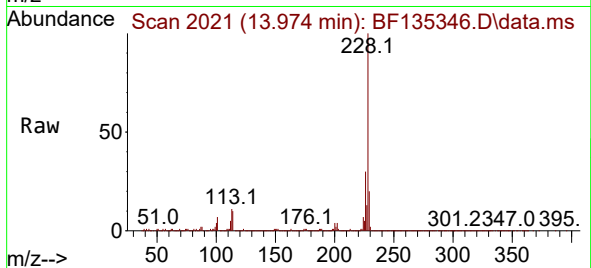
126 11.5 7.8 11.8





#83
Chrysene
Concen: 52.340 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



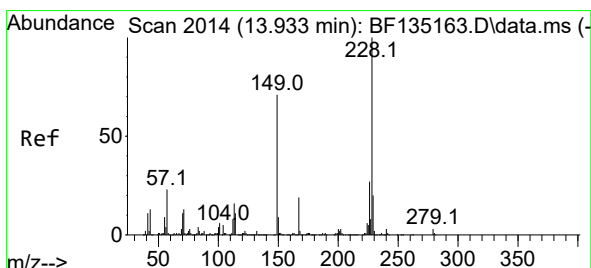
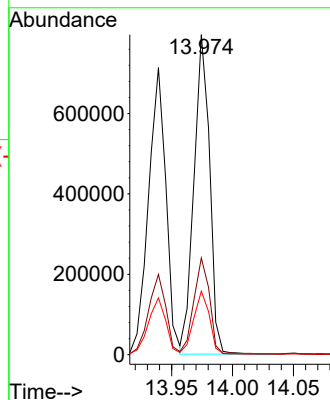
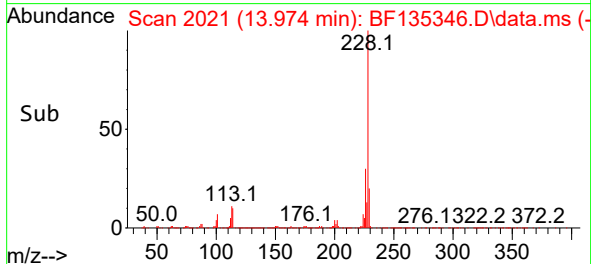
Tgt Ion:228 Resp: 711324
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.8 16.0 24.0

Manual Integrations
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Reviewed By :Yogesh
Patel

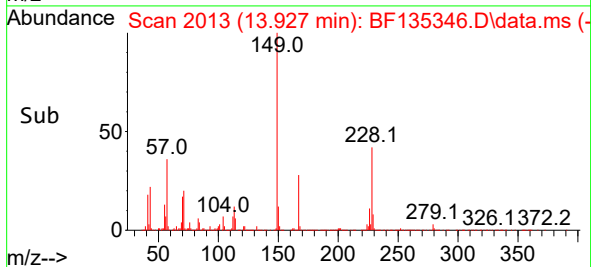
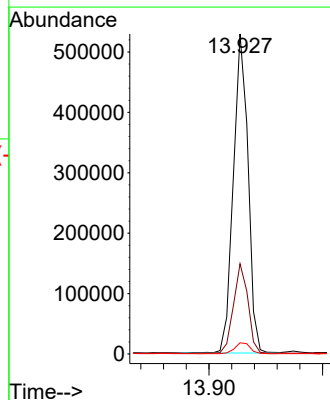
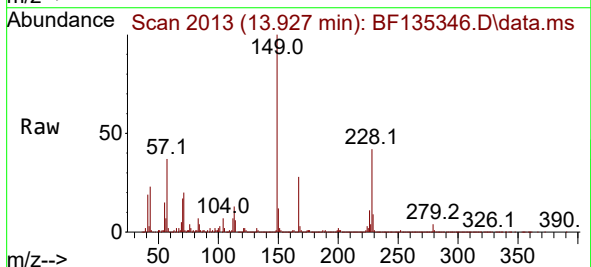
09/20/2023
Supervised By :mohammad
ahmed

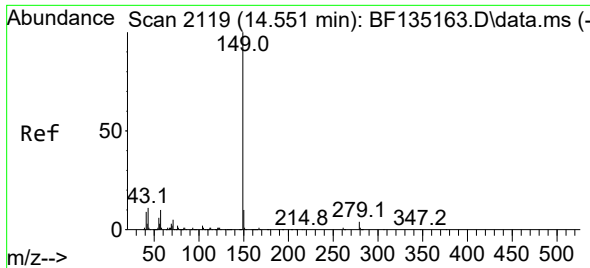
09/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 65.070 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

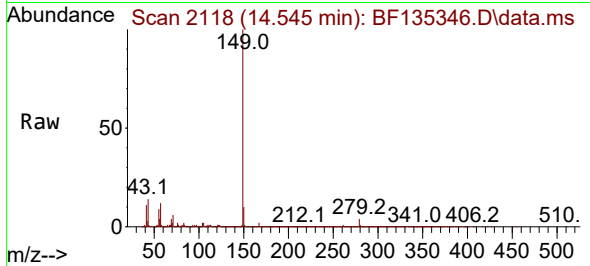
Tgt Ion:149 Resp: 473821
Ion Ratio Lower Upper
149 100
167 28.2 21.9 32.9
279 3.5 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 78.127 ng
RT: 14.545 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDEMSD



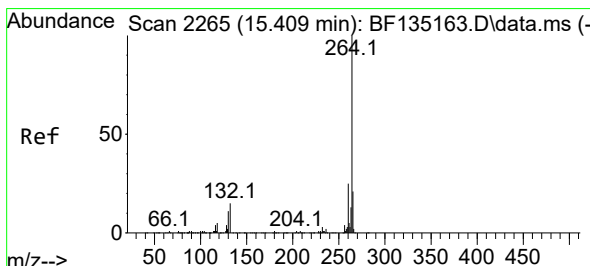
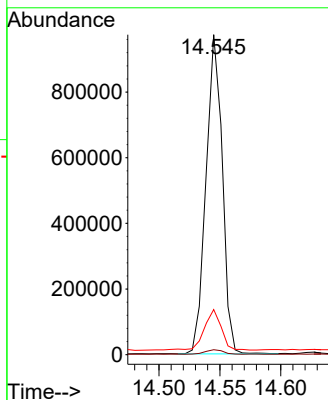
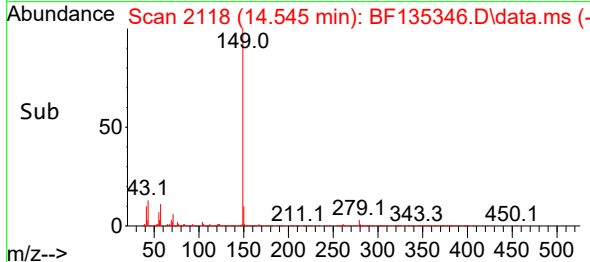
Tgt Ion:149 Resp: 90409
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.5 9.8 14.6

Manual Integrations
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Reviewed By :Yogesh
Patel

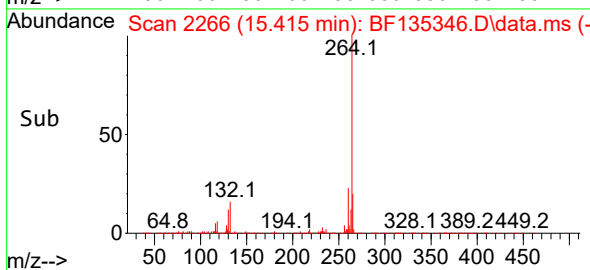
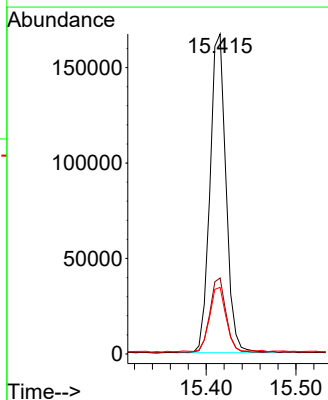
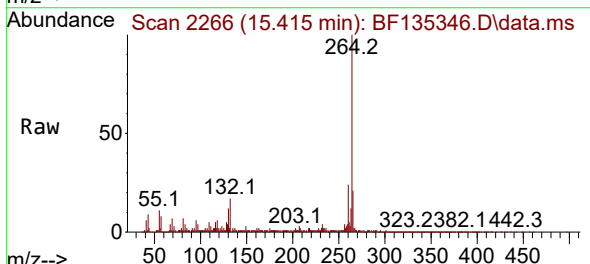
09/20/2023
Supervised By :mohammad
ahmed

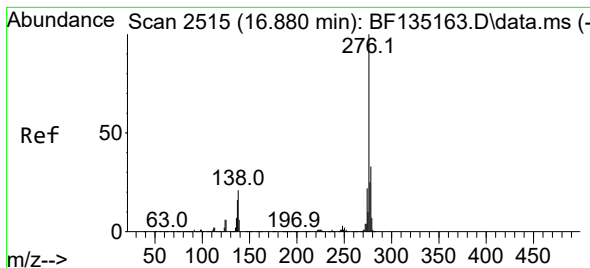
09/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135346.D
Acq: 19 Sep 2023 21:05

Tgt Ion:264 Resp: 206080
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.6
265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.392 ng

RT: 16.904 min Scan# 2194

Delta R.T. 0.024 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDEMSD

Tgt Ion:276 Resp: 54578

Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.2	28.8
277	24.9	19.7	29.5

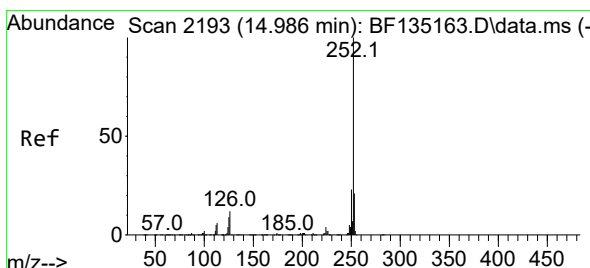
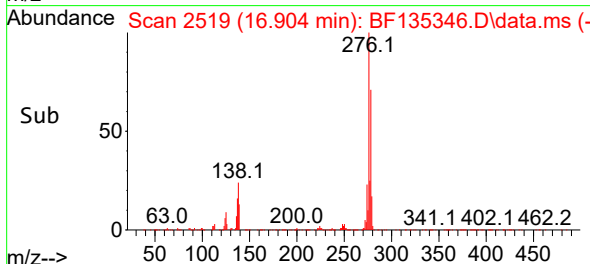
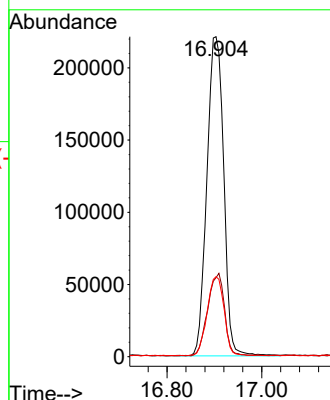
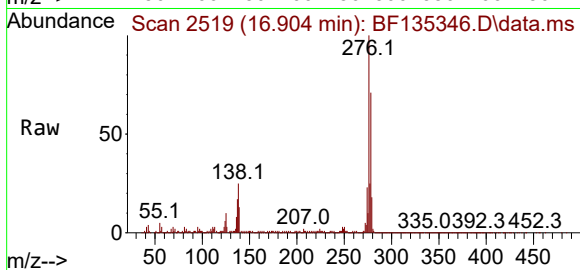
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/20/2023

Supervised By :mohammad
ahmed

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#88

Benzo(b)fluoranthene

Concen: 57.807 ng

RT: 14.992 min Scan# 2194

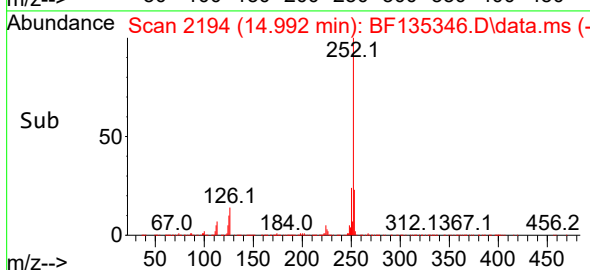
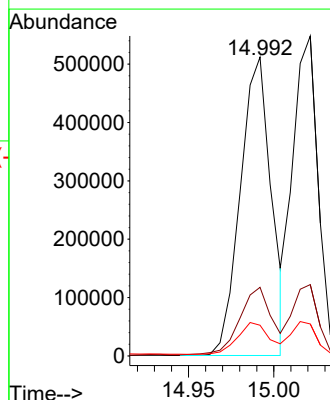
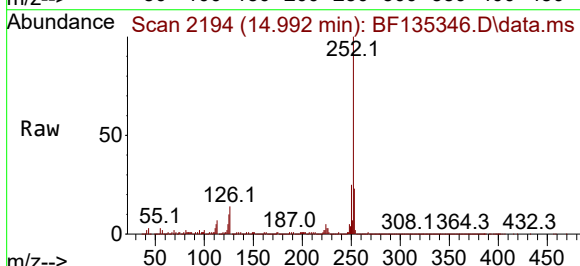
Delta R.T. 0.006 min

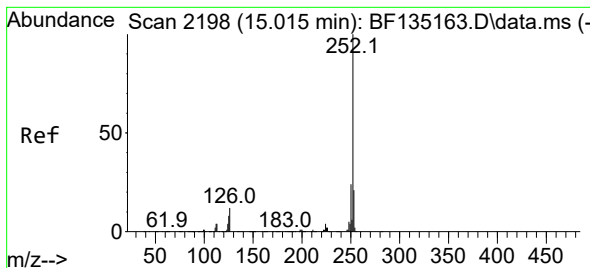
Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Tgt Ion:252 Resp: 644882

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	10.3	7.1	10.7





#89

Benzo(k)fluoranthene

Concen: 51.195 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Instrument :

BNF

ClientSampleId :

DEL-1-LEFT-SIDEMSD

Tgt Ion:	252	Resp:	56416
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	10.0	7.2	10.8

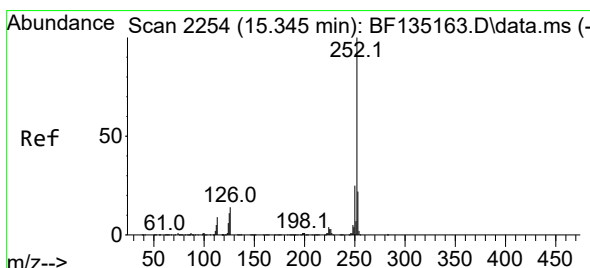
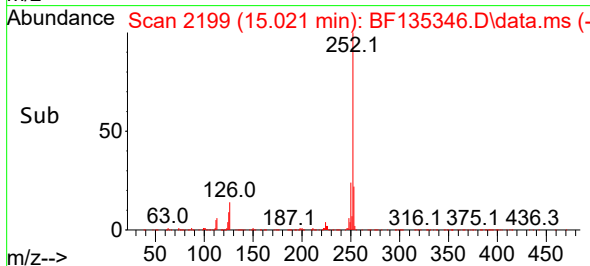
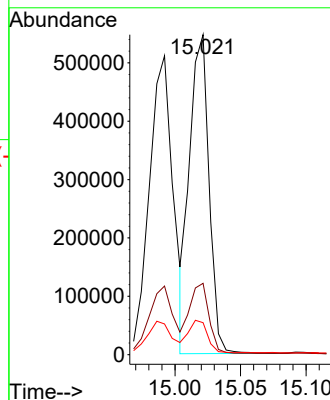
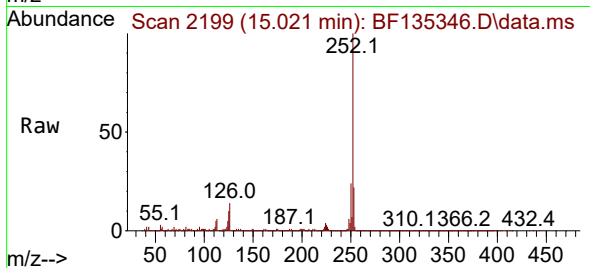
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/20/2023

Supervised By :mohammad
ahmed

09/20/2023



#90

Benzo(a)pyrene

Concen: 49.633 ng

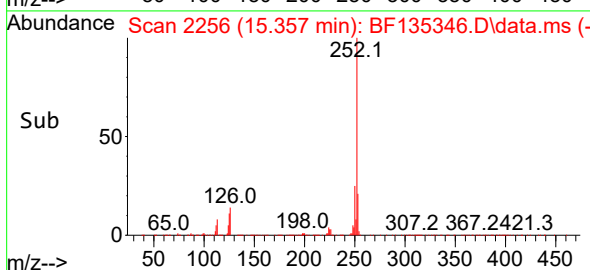
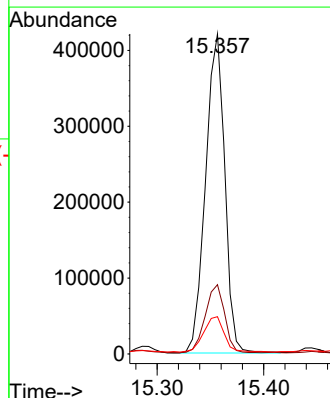
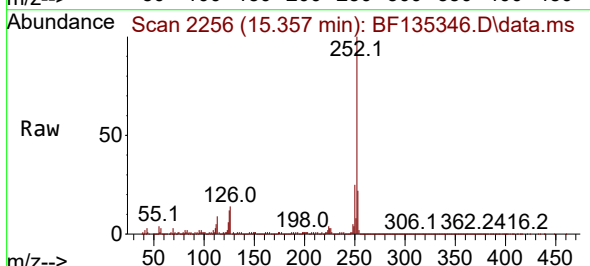
RT: 15.357 min Scan# 2256

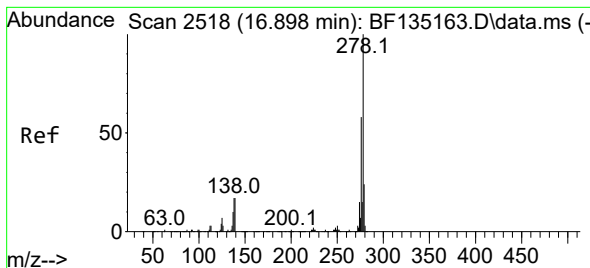
Delta R.T. 0.012 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Tgt Ion:	252	Resp:	528026
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	11.6	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 40.531 ng

RT: 16.915 min Scan# 2518

Delta R.T. 0.018 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Instrument :

BNF

ClientSampleId :

DEL-1-LEFT-SIDEMSD

Tgt Ion:278 Resp: 448094
 Ion Ratio Lower Upper
 278 100
 139 17.0 13.4 20.0
 279 24.5 19.0 28.6

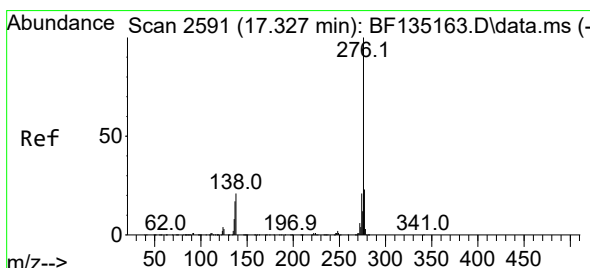
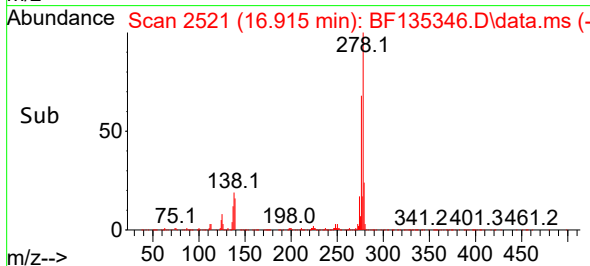
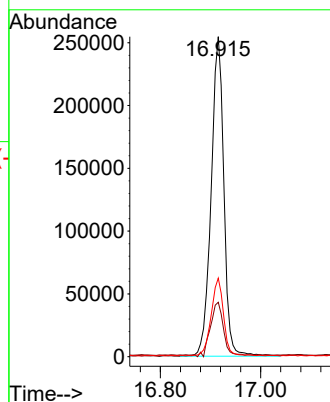
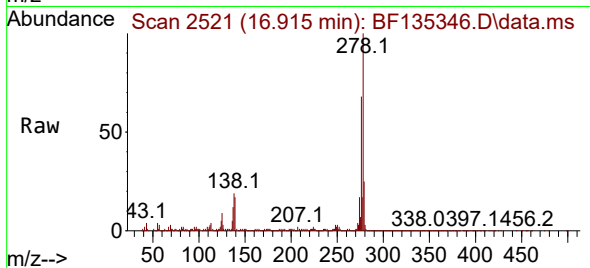
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/20/2023

Supervised By :mohammad
 ahmed

09/20/2023



#92

Benzo(g,h,i)perylene

Concen: 38.046 ng

RT: 17.351 min Scan# 2595

Delta R.T. 0.024 min

Lab File: BF135346.D

Acq: 19 Sep 2023 21:05

Tgt Ion:276 Resp: 439285
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 22.9 16.9 25.3

