

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
 Data File : BF137683.D
 Acq On : 22 Mar 2024 15:56
 Operator : CG\JU
 Sample : P1827-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

03/26/2024
 Supervised By :mohammad
 ahmed

Quant Time: Mar 22 16:25:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	188887	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	725467	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	382075	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	568287	20.000	ng	0.00
76) Chrysene-d12	13.886	240	343820	20.000	ng	# 0.01
86) Perylene-d12	15.304	264	364762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	949475	76.131	ng	0.01
7) Phenol-d6	6.375	99	1261519	70.075	ng	0.00
23) Nitrobenzene-d5	7.298	82	791030	50.663	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	248701	74.122	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1149050	47.077	ng	0.00
79) Terphenyl-d14	12.827	244	831735	33.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	241058	35.349	ng	97
3) Pyridine	3.175	79	552533	33.596	ng	95
4) n-Nitrosodimethylamine	3.146	42	249822	38.332	ng	97
6) Aniline	6.393	93	390061	17.732	ng	# 68
8) 2-Chlorophenol	6.510	128	550131	41.821	ng	95
9) Benzaldehyde	6.275	77	100598	11.406	ng	97
10) Phenol	6.387	94	736755	38.023	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	559072	39.374	ng	97
12) 1,3-Dichlorobenzene	6.669	146	577208	41.064	ng	96
13) 1,4-Dichlorobenzene	6.745	146	590575	41.064	ng	98
14) 1,2-Dichlorobenzene	6.898	146	556431	42.152	ng	96
15) Benzyl Alcohol	6.881	79	500670	44.673	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	816626	33.459	ng	91
17) 2-Methylphenol	6.993	107	432445	35.133	ng	96
18) Hexachloroethane	7.234	117	201977	42.651	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	401999	36.162	ng	99
20) 3+4-Methylphenols	7.145	107	519980	36.885	ng	98
22) Acetophenone	7.140	105	722545	41.164	ng	# 94
24) Nitrobenzene	7.316	77	618880	39.458	ng	97
25) Isophorone	7.551	82	1138348	38.376	ng	99
26) 2-Nitrophenol	7.628	139	281934	45.276	ng	98
27) 2,4-Dimethylphenol	7.675	122	381811	32.815	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	685544	39.390	ng	99
29) 2,4-Dichlorophenol	7.875	162	447976	41.951	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	477631	42.503	ng	99
31) Naphthalene	8.034	128	1532775	39.379	ng	99
32) Benzoic acid	7.822	122	270725	41.400	ng	97
33) 4-Chloroaniline	8.087	127	108603	7.116	ng	99
34) Hexachlorobutadiene	8.145	225	282542	42.587	ng	99
35) Caprolactam	8.469	113	142837m	39.447	ng	
36) 4-Chloro-3-methylphenol	8.581	107	477466	40.001	ng	99
37) 2-Methylnaphthalene	8.722	142	950608	38.310	ng	99
38) 1-Methylnaphthalene	8.822	142	878397	37.590	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	471052	44.161	ng	100
41) Hexachlorocyclopentadiene	8.875	237	228526	55.332	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	305827	44.028	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	322171	40.263	ng	97
46) 1,1'-Biphenyl	9.187	154	1169534	41.822	ng	99
47) 2-Chloronaphthalene	9.210	162	900130	42.219	ng	98
48) 2-Nitroaniline	9.316	65	300414	41.455	ng	98
49) Acenaphthylene	9.628	152	1394644	40.874	ng	100
50) Dimethylphthalate	9.492	163	1095210	41.178	ng	99
51) 2,6-Dinitrotoluene	9.557	165	229827	41.314	ng	95
52) Acenaphthene	9.798	154	788255	38.697	ng	99
53) 3-Nitroaniline	9.728	138	121819	20.703	ng	88
54) 2,4-Dinitrophenol	9.834	184	156622	60.013	ng	93
55) Dibenzofuran	9.969	168	1181708	38.089	ng	99
56) 4-Nitrophenol	9.898	139	282420	68.172	ng	97
57) 2,4-Dinitrotoluene	9.963	165	281196	41.143	ng	95
58) Fluorene	10.310	166	910068	38.195	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	242688	37.822	ng	92
60) Diethylphthalate	10.192	149	1001193	39.863	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	454672	38.936	ng	98
62) 4-Nitroaniline	10.339	138	163599	32.349	ng	98
63) Azobenzene	10.463	77	1059715	36.642	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	120795	38.138	ng	87
66) n-Nitrosodiphenylamine	10.428	169	808846	44.200	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	281101	45.415	ng	96
68) Hexachlorobenzene	10.857	284	289184	46.257	ng	# 92
69) Atrazine	10.957	200	254086	45.674	ng	99
70) Pentachlorophenol	11.057	266	289589	76.626	ng	99
71) Phenanthrene	11.275	178	1260348	40.752	ng	100
72) Anthracene	11.322	178	1254465	39.493	ng	99
73) Carbazole	11.480	167	1032786	37.959	ng	100
74) Di-n-butylphthalate	11.810	149	1394746	43.086	ng	100
75) Fluoranthene	12.457	202	1180571	39.052	ng	98
77) Benzidine	12.586	184	427111	50.762	ng	97
78) Pyrene	12.686	202	1158870	34.351	ng	100
80) Butylbenzylphthalate	13.304	149	449301	52.148	ng	100
81) Benzo(a)anthracene	13.874	228	1004956	41.703	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	282360	44.000	ng	98
83) Chrysene	13.910	228	993004	40.771	ng	100
84) Bis(2-ethylhexyl)phtha...	13.869	149	611971	55.883	ng	# 98
85) Di-n-octyl phthalate	14.480	149	1152428	53.832	ng	96
87) Indeno(1,2,3-cd)pyrene	16.704	276	821509	34.224	ng	96
88) Benzo(b)fluoranthene	14.898	252	1070268	49.602	ng	98
89) Benzo(k)fluoranthene	14.927	252	908787	39.213	ng	99
90) Benzo(a)pyrene	15.251	252	905457	42.583	ng	98
91) Dibenzo(a,h)anthracene	16.715	278	648176	33.287	ng	96
92) Benzo(g,h,i)perylene	17.121	276	601533	30.080	ng	96

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

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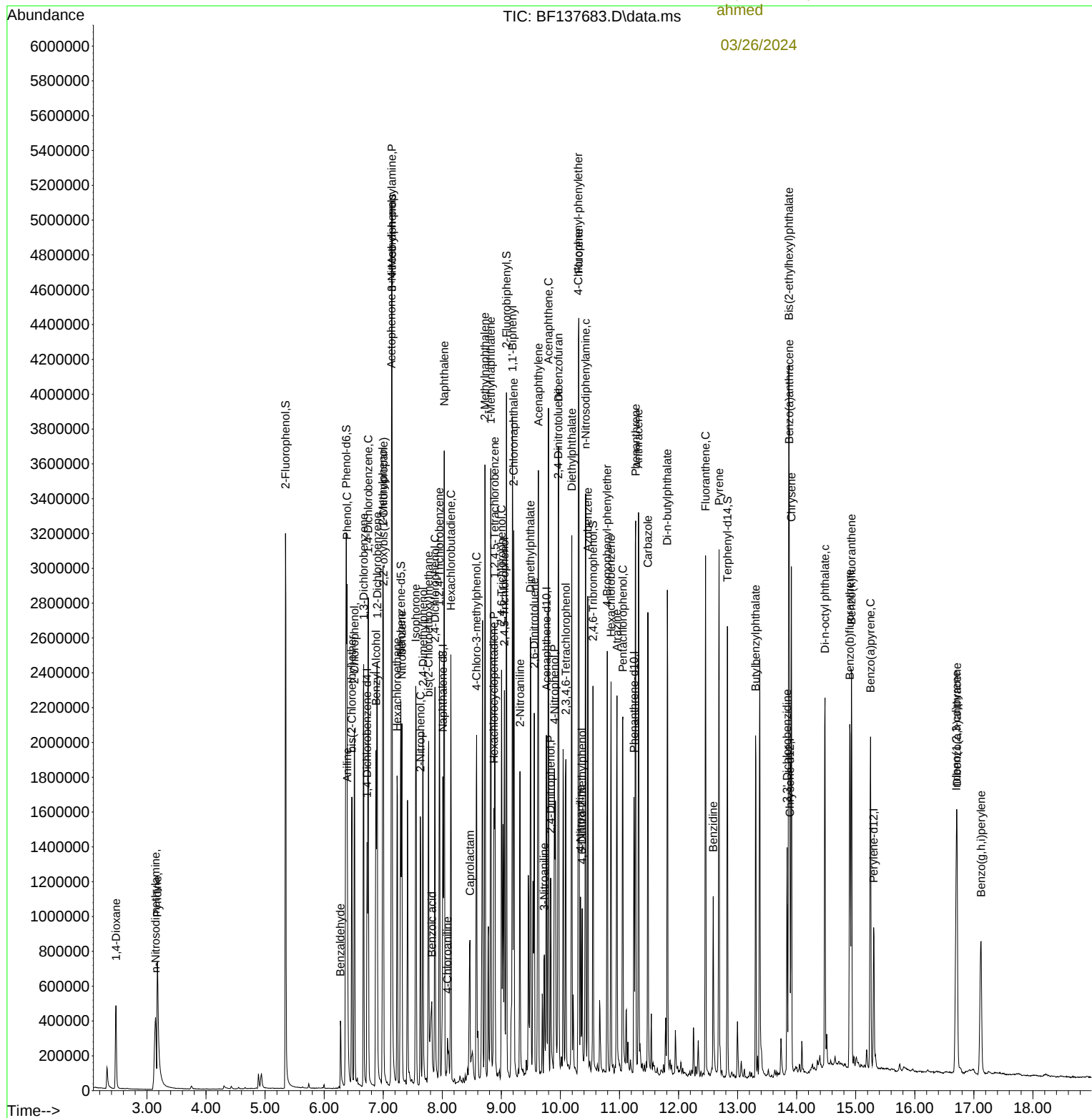
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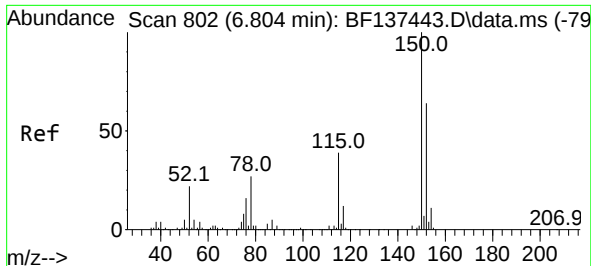
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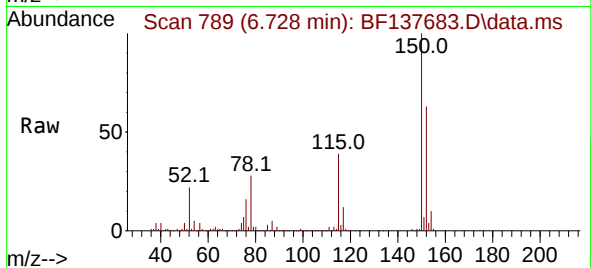
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137683.D
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Instrument :
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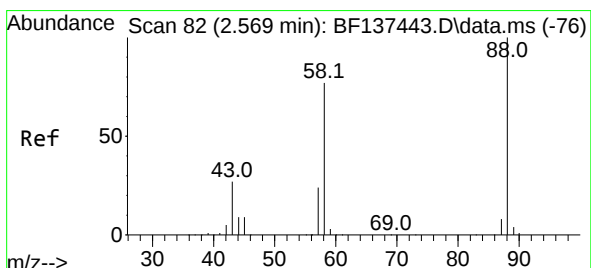
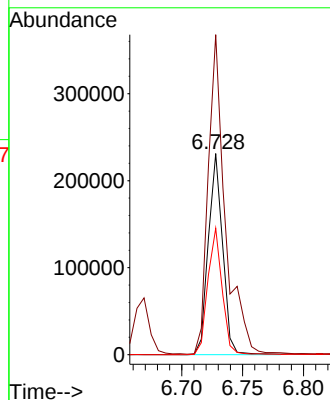
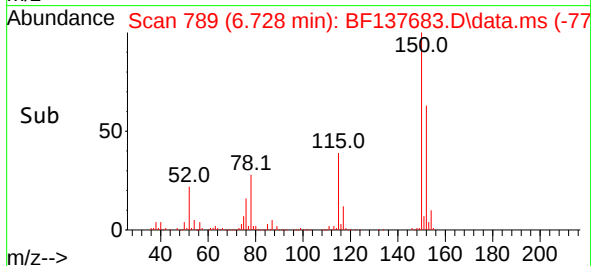
Tgt Ion:152 Resp: 18888
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 62.8 48.8 73.2

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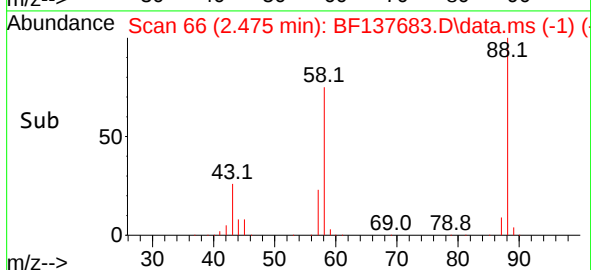
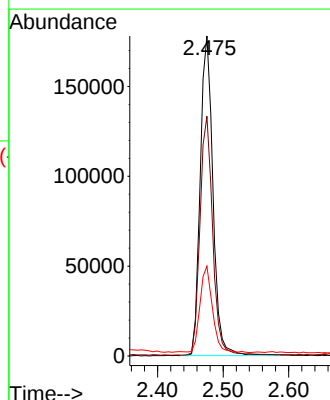
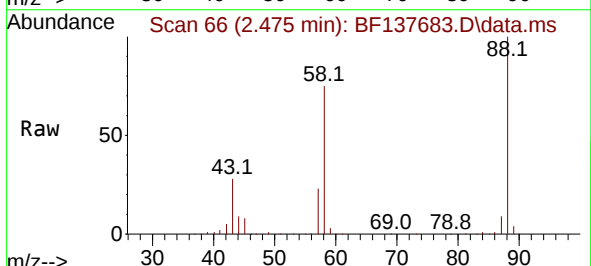
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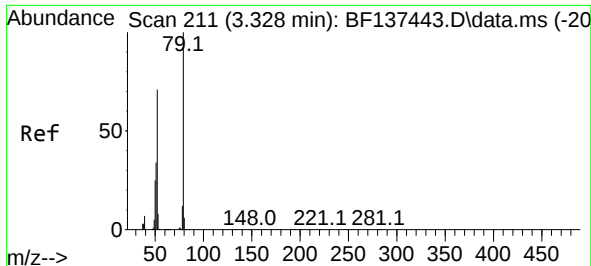
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#2
1,4-Dioxane
Concen: 35.349 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.106 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

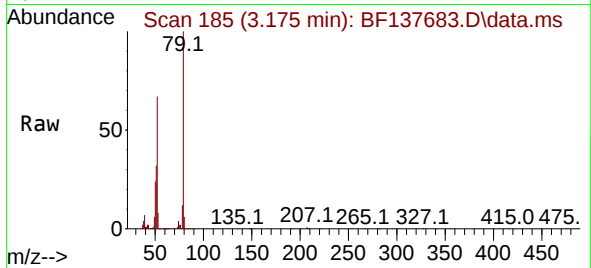
Tgt Ion: 88 Resp: 241058
Ion Ratio Lower Upper
88 100
58 74.4 61.8 92.8
43 26.5 22.2 33.4





#3
Pyridine
Concen: 33.596 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.106 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

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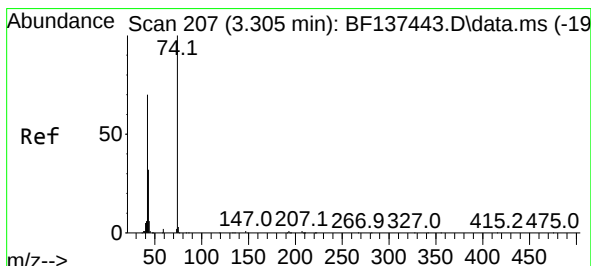
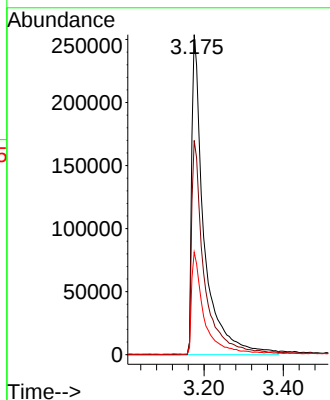
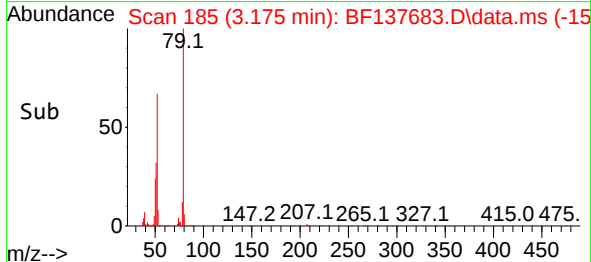
Tgt Ion: 79 Resp: 55253
Ion Ratio Lower Upper
79 100
52 66.9 57.0 85.4
51 32.0 27.5 41.3

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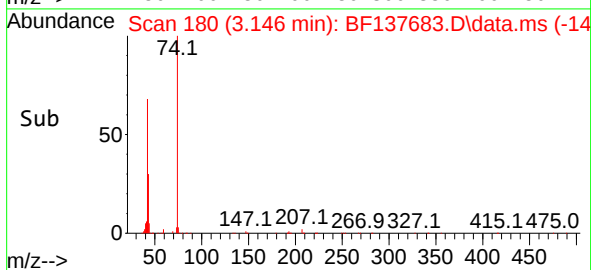
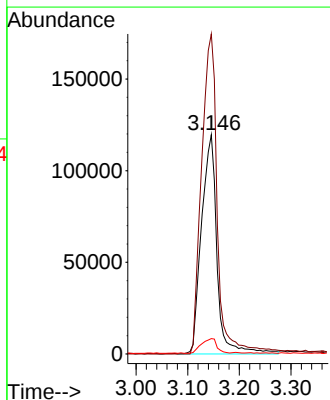
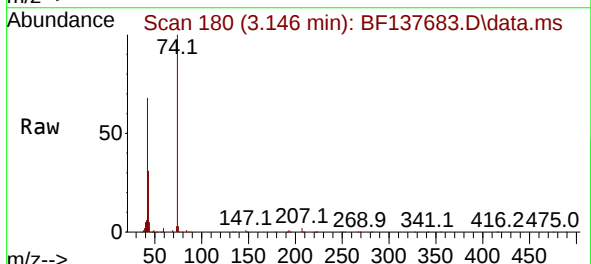
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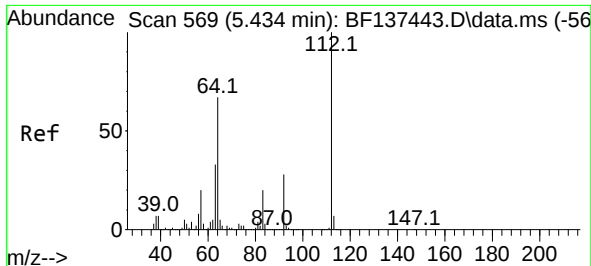
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#4
n-Nitrosodimethylamine
Concen: 38.332 ng
RT: 3.146 min Scan# 180
Delta R.T. 0.106 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 42 Resp: 249822
Ion Ratio Lower Upper
42 100
74 146.0 114.0 171.0
44 7.0 7.0 10.4





#5
2-Fluorophenol
Concen: 76.131 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:112 Resp: 94947
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 32.3 26.2 39.2

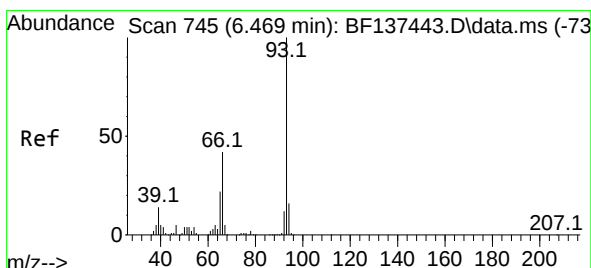
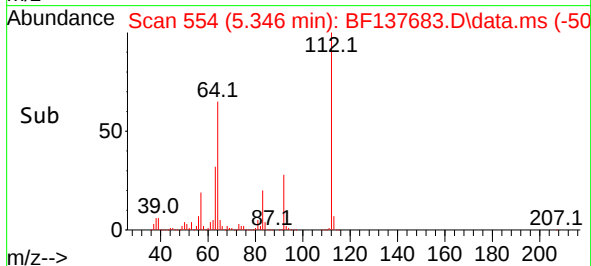
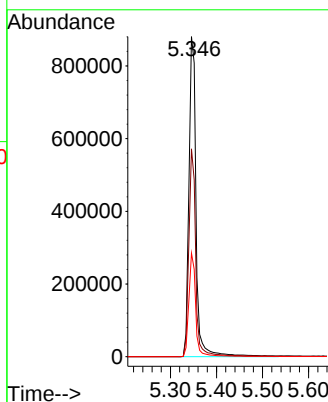
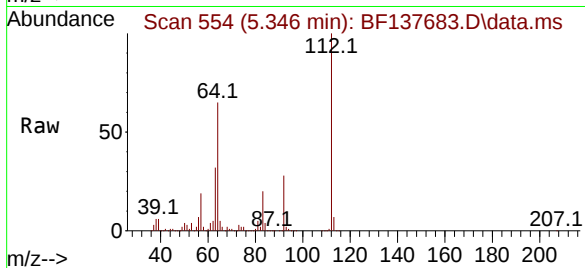
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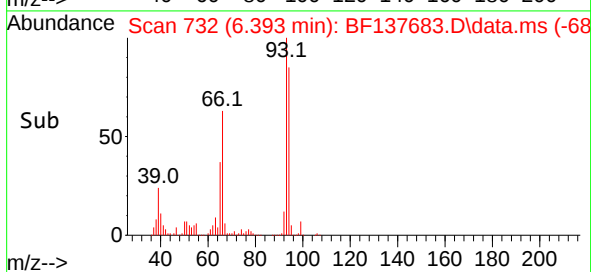
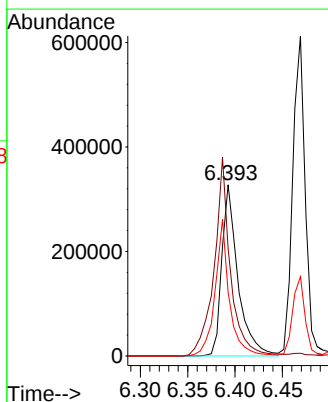
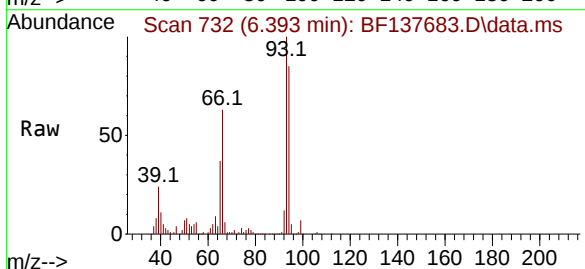
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#6
Aniline
Concen: 17.732 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF137683.D
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Tgt Ion: 93 Resp: 390061
Ion Ratio Lower Upper
93 100
66 62.8 34.0 51.0#
65 37.2 17.8 26.8#





#7

Phenol-d6

Concen: 70.075 ng

RT: 6.375 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF137683.D

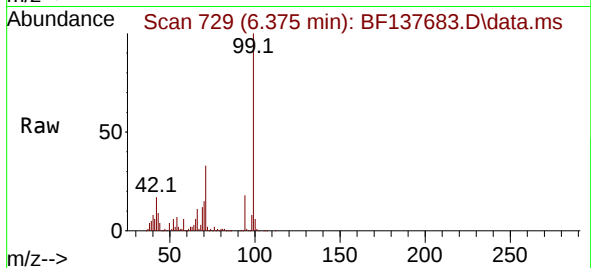
Acq: 22 Mar 2024 15:56

Instrument :

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Tgt Ion: 99 Resp: 1261519

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.6	21.8
71	32.6	25.3	37.9

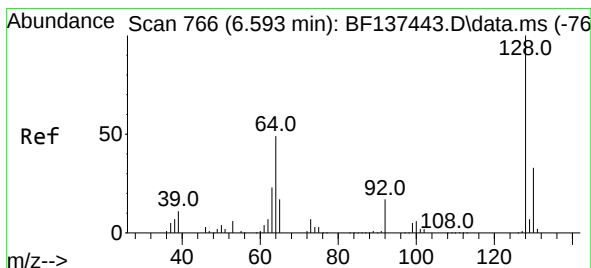
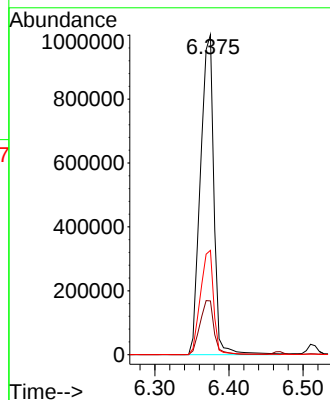
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#8

2-Chlorophenol

Concen: 41.821 ng

RT: 6.510 min Scan# 752

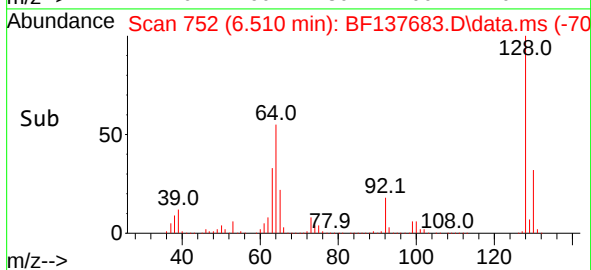
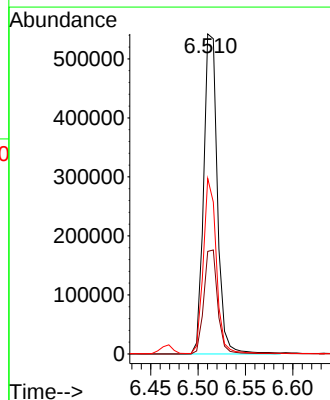
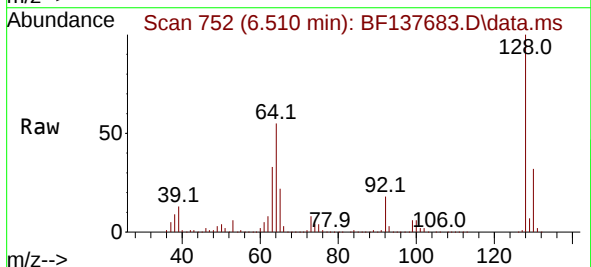
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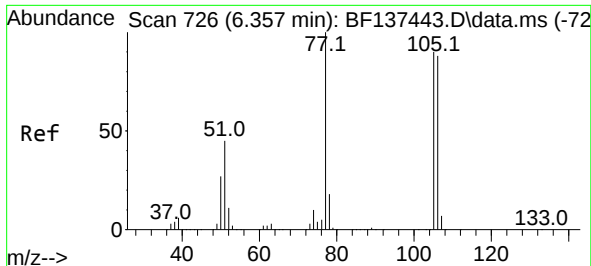
Lab File: BF137683.D

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Tgt Ion:128 Resp: 550131

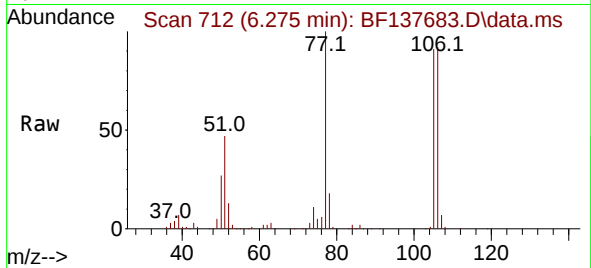
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.4	53.4
64	54.9	30.0	70.0





#9
Benzaldehyde
Concen: 11.406 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
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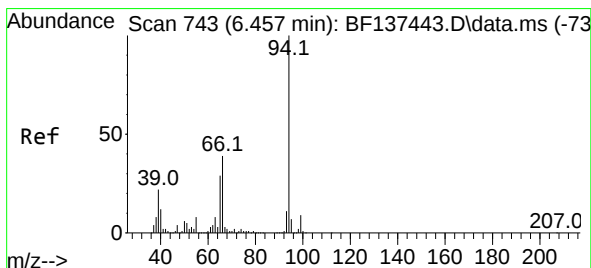
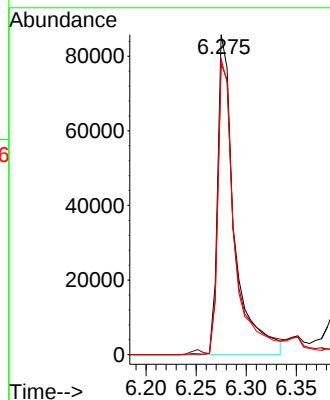
Tgt Ion: 77 Resp: 100598
Ion Ratio Lower Upper
77 100
105 90.9 69.8 109.8
106 92.3 67.8 107.8

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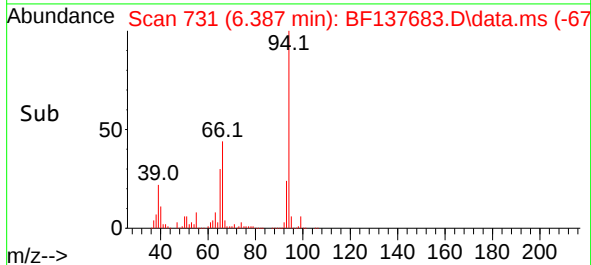
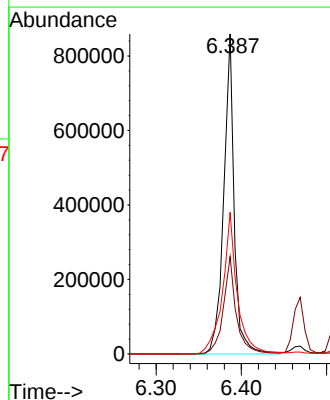
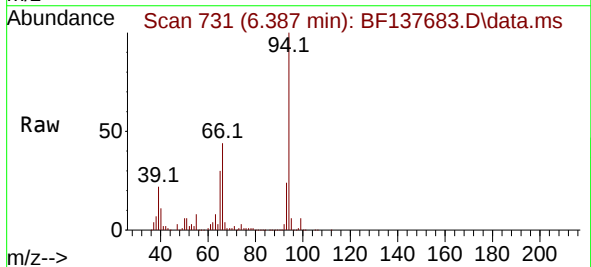
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Supervised By :mohammad
ahmed

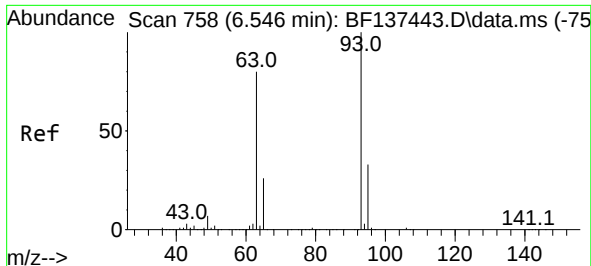
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#10
Phenol
Concen: 38.023 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 94 Resp: 736755
Ion Ratio Lower Upper
94 100
65 30.4 8.7 48.7
66 44.2 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 39.374 ng

RT: 6.469 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:	93	Resp:	55907
Ion Ratio	Lower	Upper	
93	100		
63	75.8	58.9	98.9
95	32.3	12.2	52.2

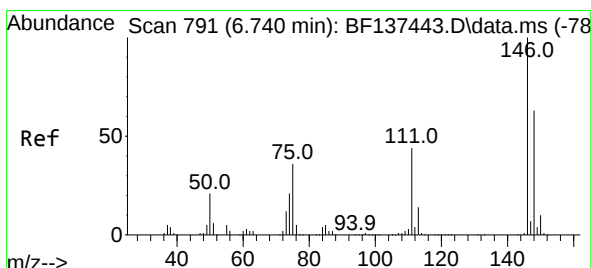
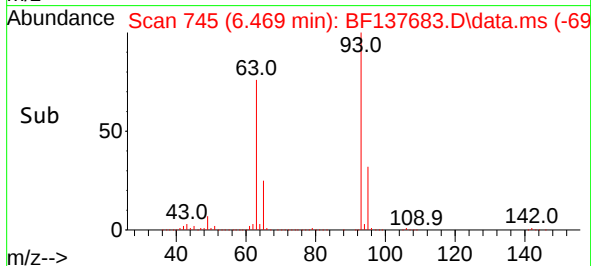
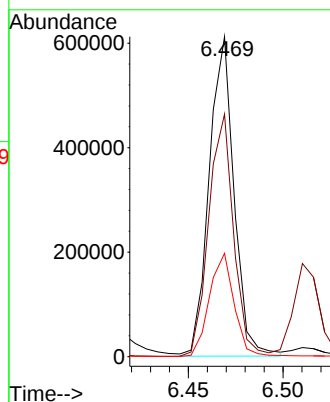
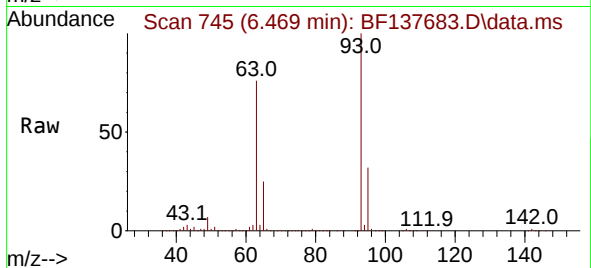
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Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#12

1,3-Dichlorobenzene

Concen: 41.064 ng

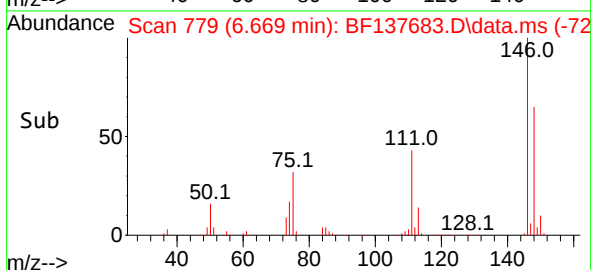
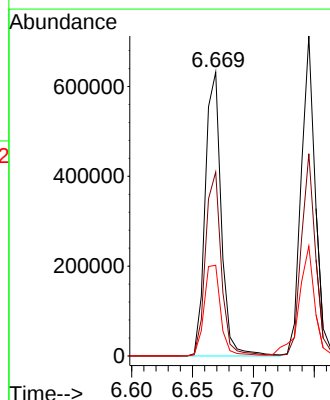
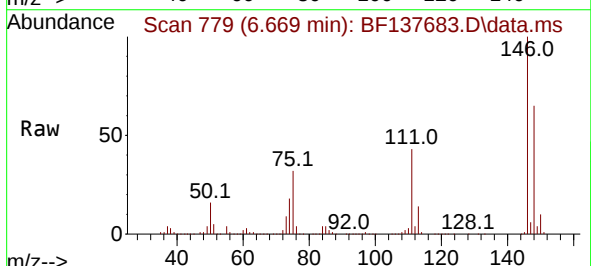
RT: 6.669 min Scan# 779

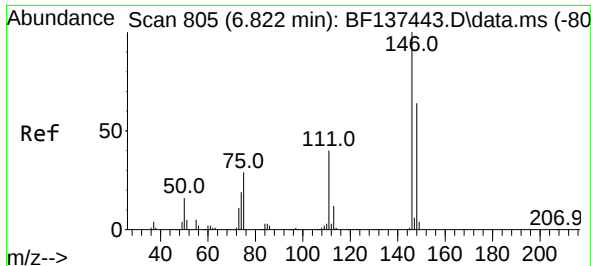
Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

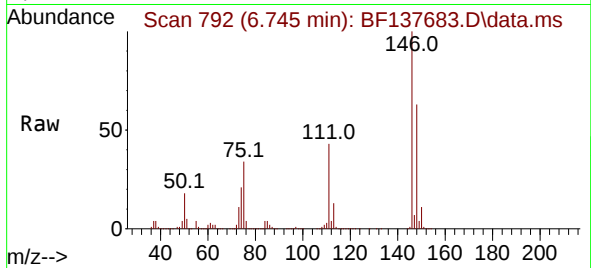
Tgt Ion:	146	Resp:	577208
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.3	75.5
75	32.0	29.0	43.4





#13
1,4-Dichlorobenzene
Concen: 41.064 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



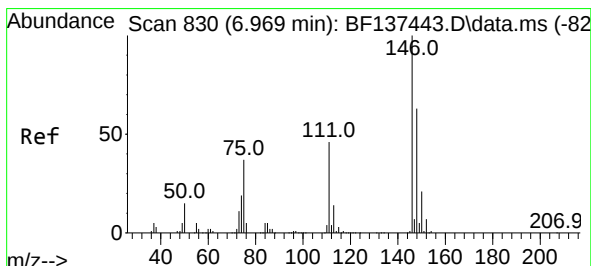
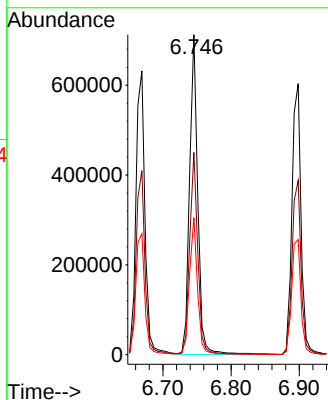
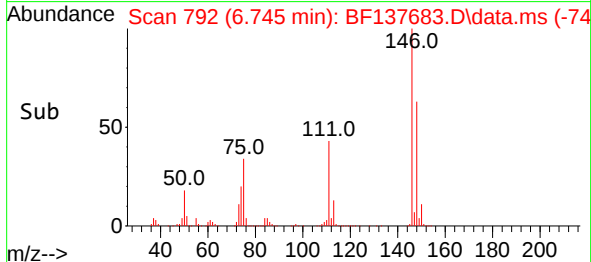
Tgt Ion:146 Resp: 59057
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 42.8 32.4 48.6

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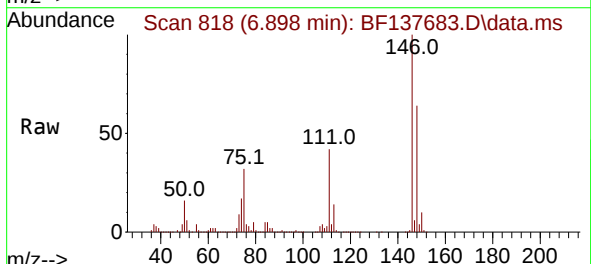
Reviewed By :Yogesh
Patel

03/26/2024
Supervised By :mohammad
ahmed

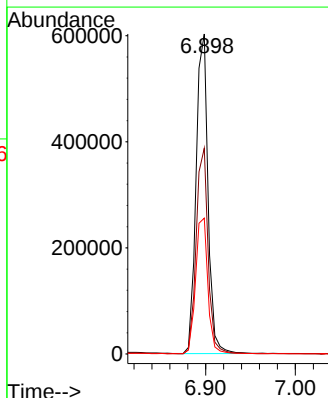
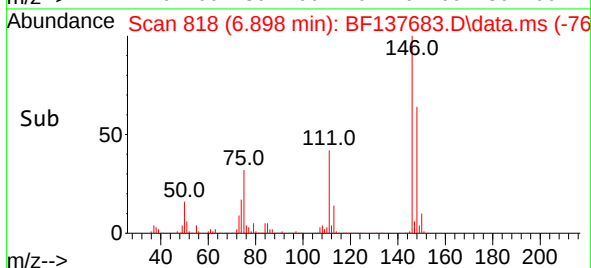
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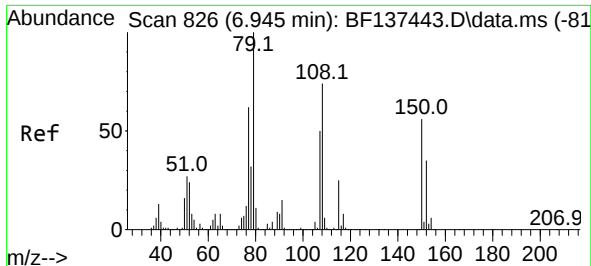


#14
1,2-Dichlorobenzene
Concen: 42.152 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56



Tgt Ion:146 Resp: 556431
Ion Ratio Lower Upper
146 100
148 64.3 50.0 75.0
111 42.5 36.8 55.2





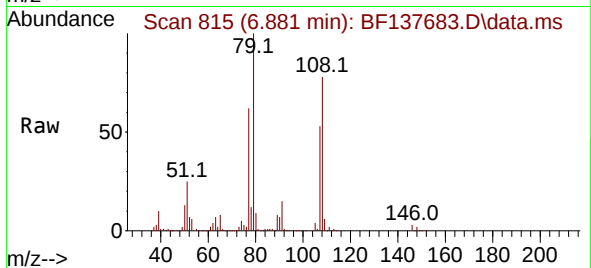
#15
Benzyl Alcohol
Concen: 44.673 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD



Tgt Ion: 79 Resp: 500670
Ion Ratio Lower Upper
79 100
108 77.8 59.5 89.3
77 61.6 50.0 75.0

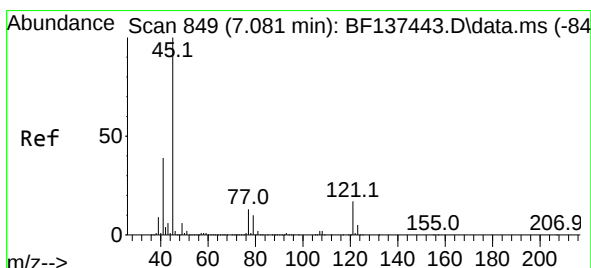
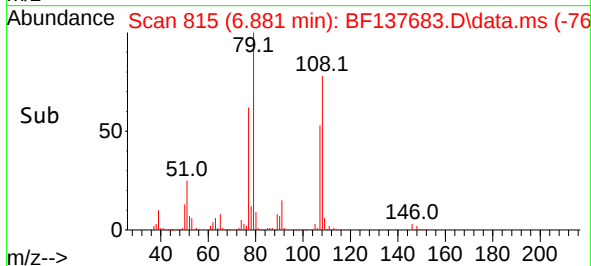
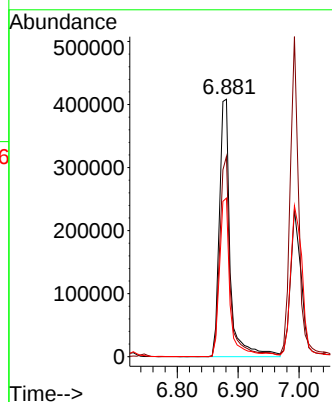
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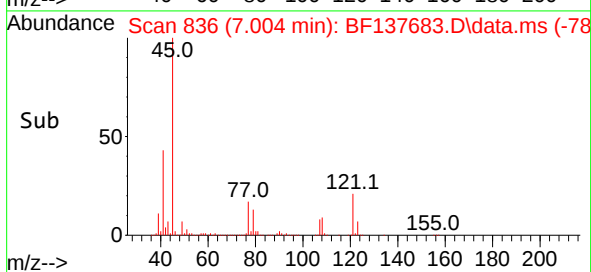
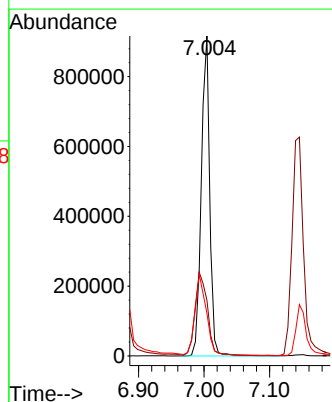
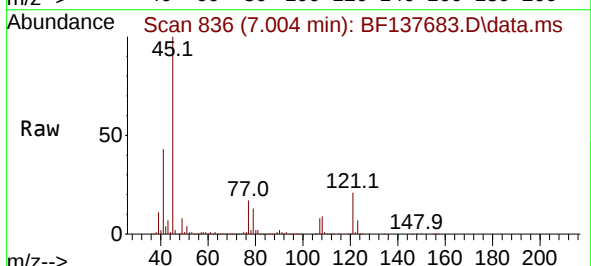
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ahmed

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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.459 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 45 Resp: 816626
Ion Ratio Lower Upper
45 100
77 17.5 0.0 33.4
79 13.4 0.0 30.9





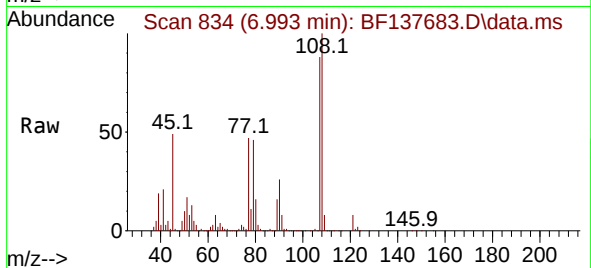
#17
2-Methylphenol
Concen: 35.133 ng
RT: 6.993 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD



Tgt Ion:107 Resp: 432445
Ion Ratio Lower Upper
107 100
108 113.2 92.2 138.4
77 53.4 38.6 57.8
79 52.1 38.8 58.2

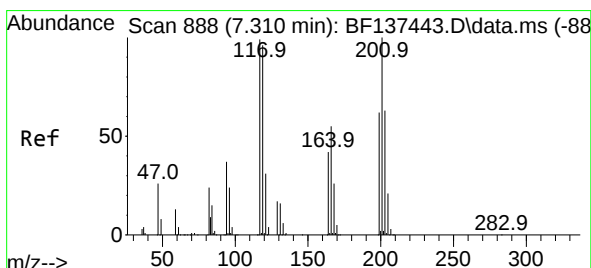
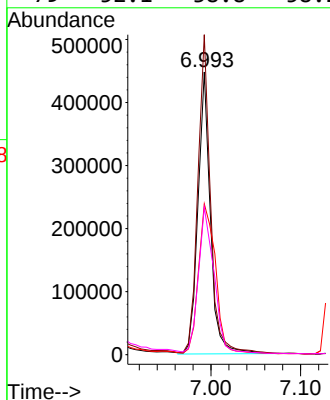
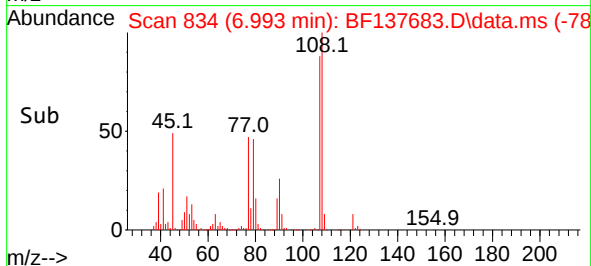
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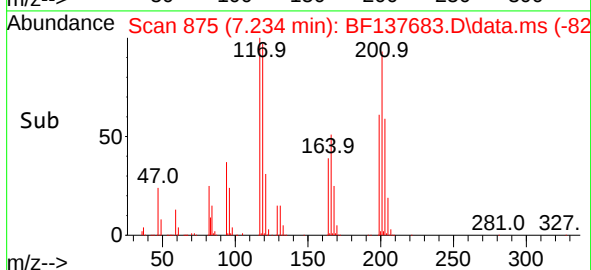
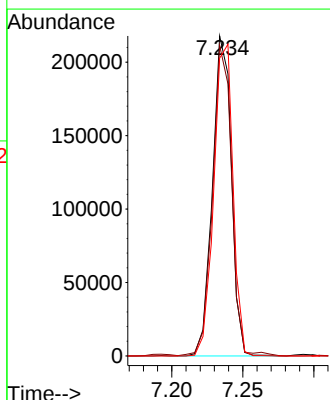
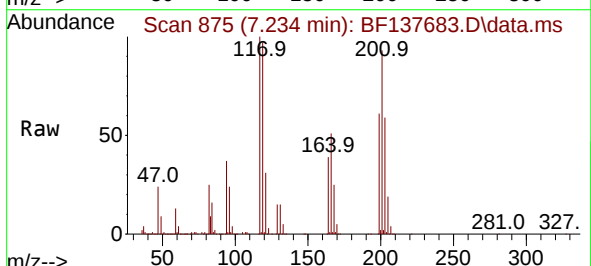
Supervised By :mohammad
ahmed

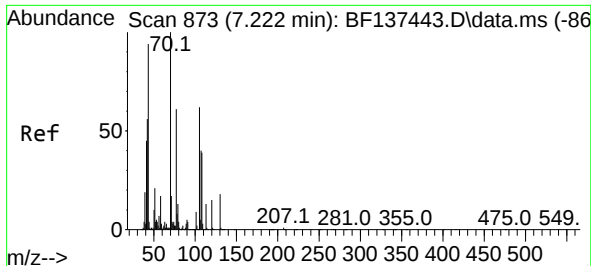
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#18
Hexachloroethane
Concen: 42.651 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

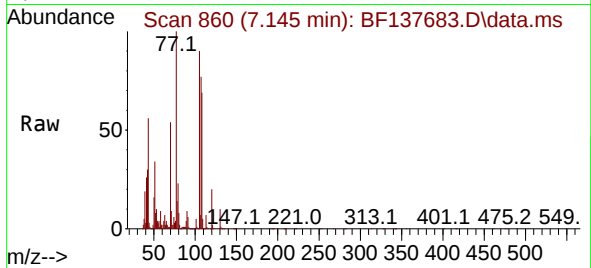
Tgt Ion:117 Resp: 201977
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3
201 93.1 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 36.162 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



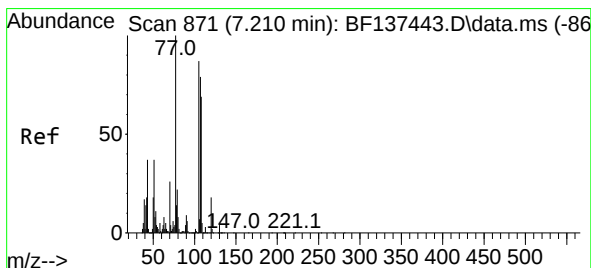
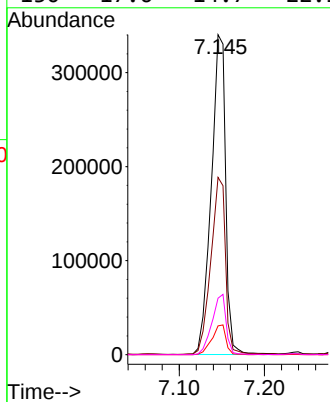
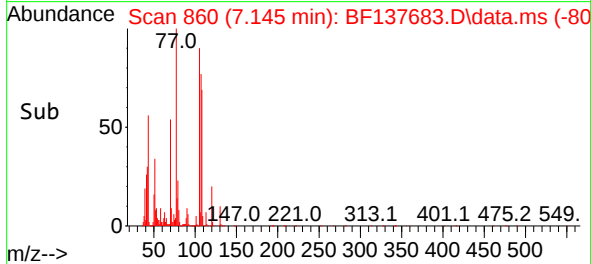
Tgt Ion: 70 Resp: 401999
Ion Ratio Lower Upper
70 100
42 55.4 45.2 67.8
101 9.0 7.3 10.9
130 17.6 14.7 22.1

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Patel

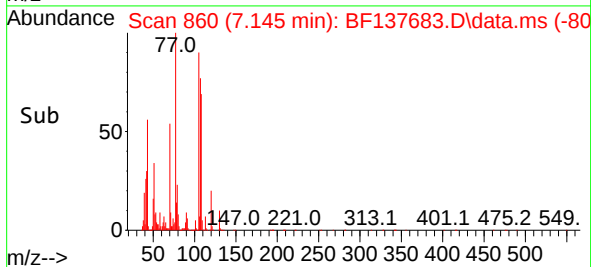
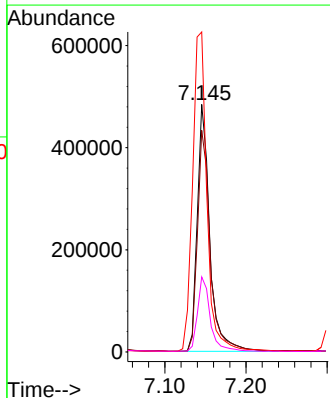
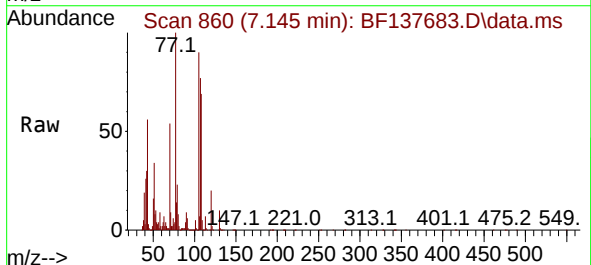
03/26/2024
Supervised By :mohammad
ahmed

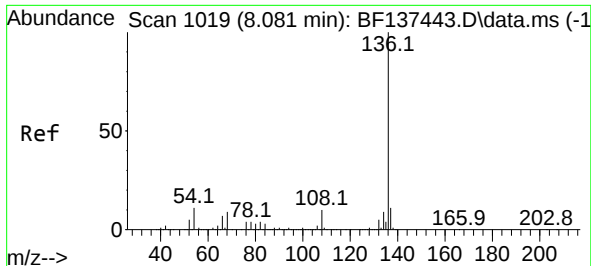
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#20
3+4-Methylphenols
Concen: 36.885 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

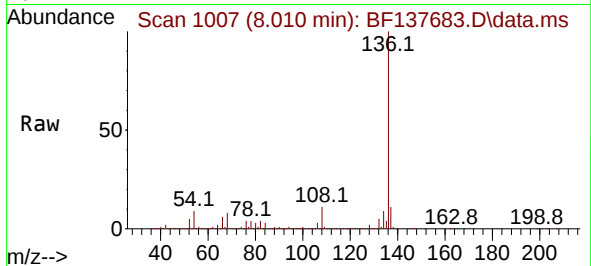
Tgt Ion:107 Resp: 519980
Ion Ratio Lower Upper
107 100
108 89.6 67.6 107.6
77 129.3 107.1 147.1
79 30.3 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



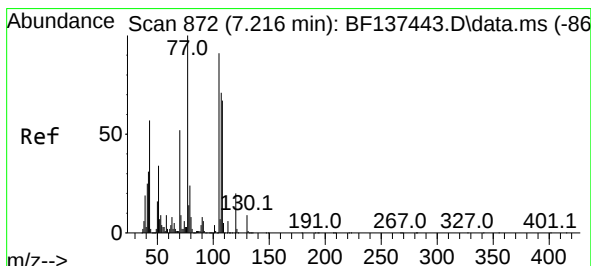
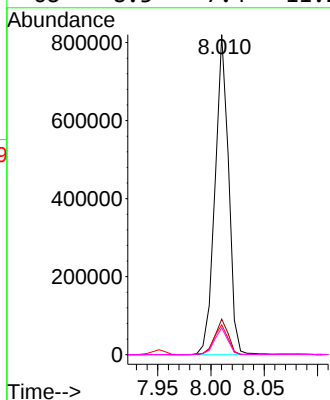
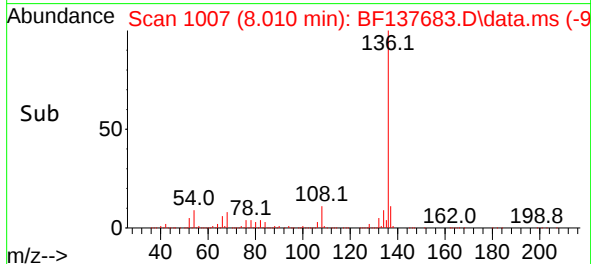
Tgt Ion:136 Resp: 72546
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.3 8.5 12.7
68 8.3 7.4 11.2

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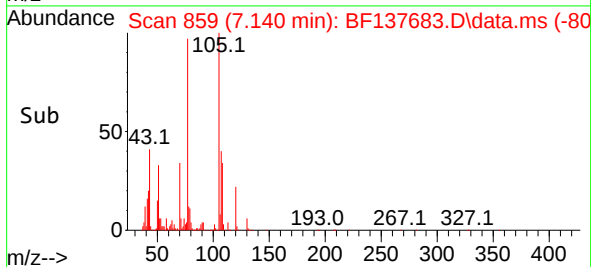
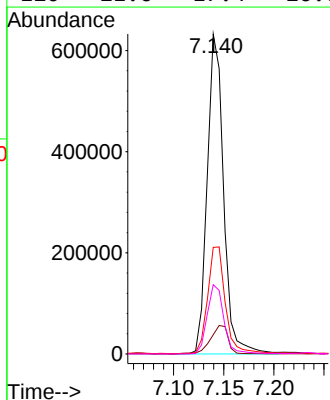
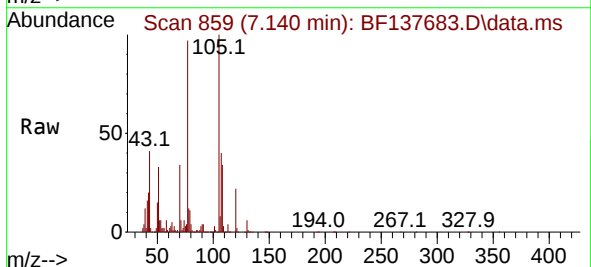
03/26/2024
Supervised By :mohammad
ahmed

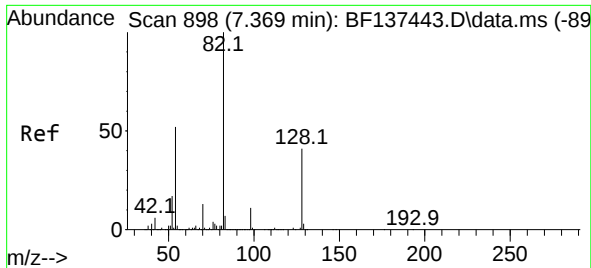
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#22
Acetophenone
Concen: 41.164 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:105 Resp: 722545
Ion Ratio Lower Upper
105 100
71 6.0 7.7 11.5#
51 33.3 30.4 45.6
120 21.6 17.4 26.0





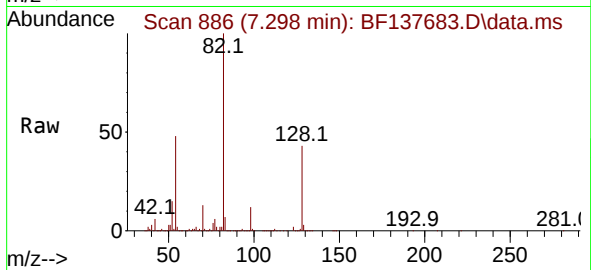
#23
Nitrobenzene-d5
Concen: 50.663 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD



Tgt Ion: 82 Resp: 791030
Ion Ratio Lower Upper
82 100
128 43.1 32.5 48.7
54 48.3 41.5 62.3

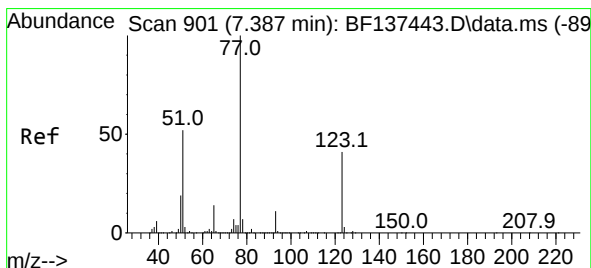
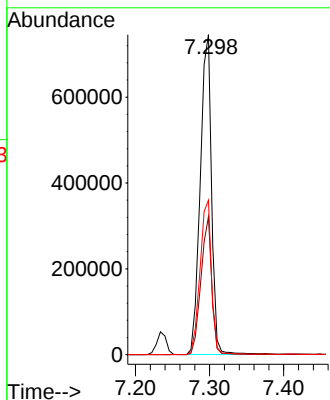
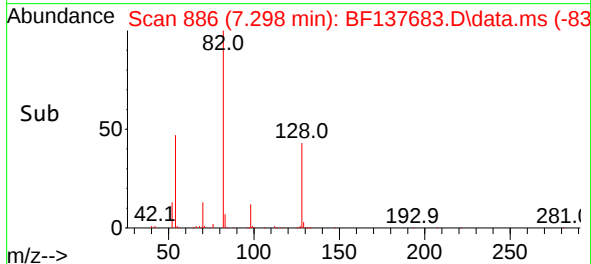
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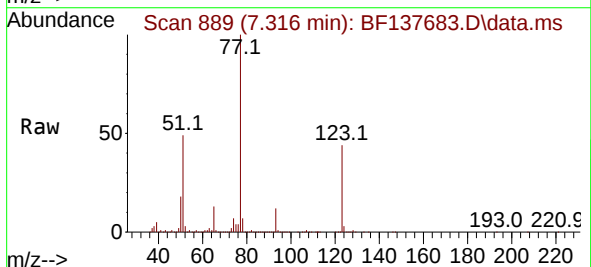
03/26/2024

Supervised By :mohammad
ahmed

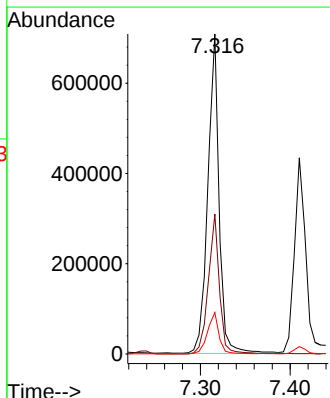
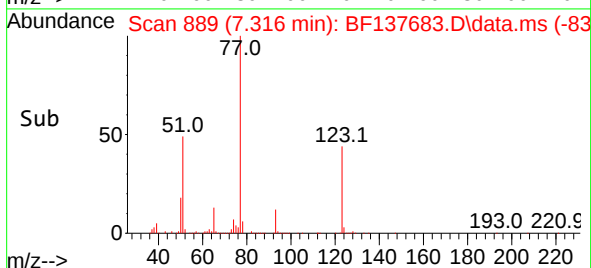
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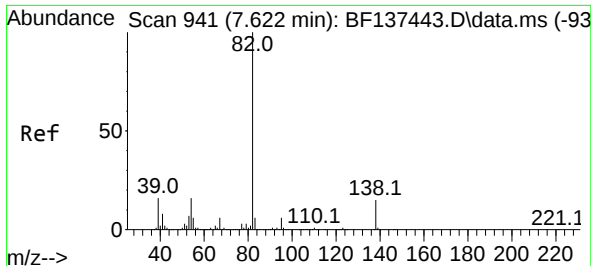


#24
Nitrobenzene
Concen: 39.458 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56



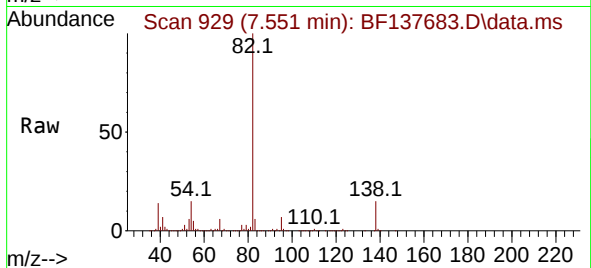
Tgt Ion: 77 Resp: 618880
Ion Ratio Lower Upper
77 100
123 43.8 33.0 49.6
65 13.0 10.9 16.3





#25
Isophorone
Concen: 38.376 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



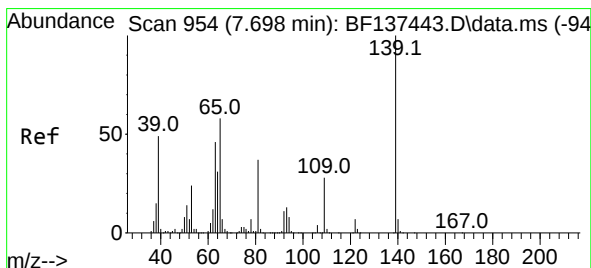
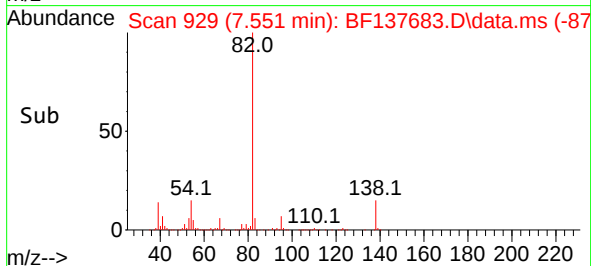
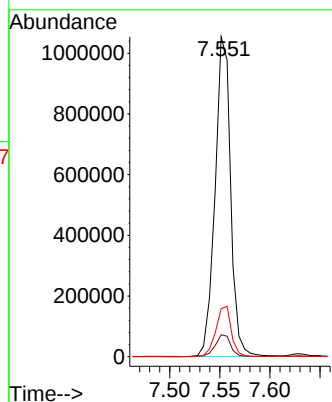
Tgt Ion: 82 Resp: 113834
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 15.0 11.8 17.8

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Patel

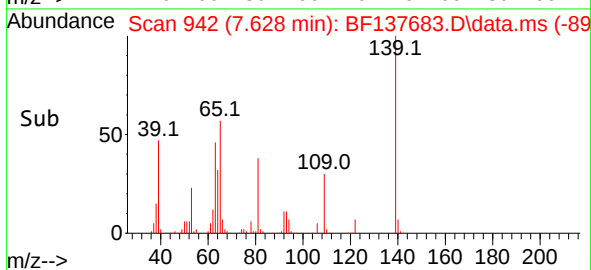
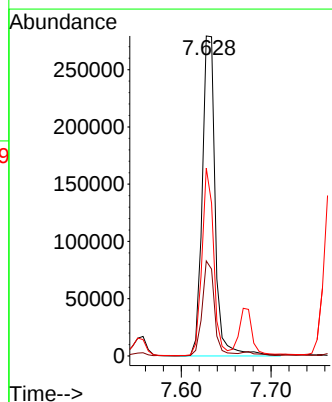
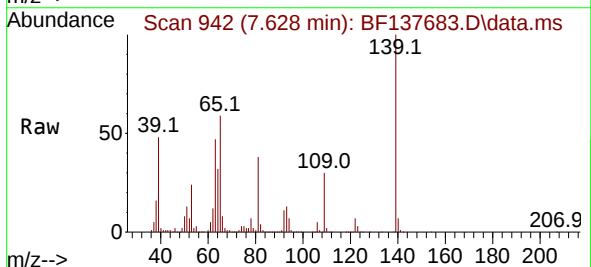
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Supervised By :mohammad
ahmed

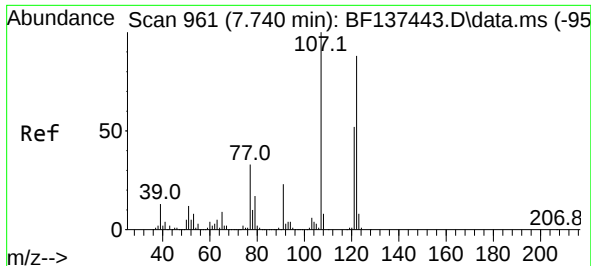
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#26
2-Nitrophenol
Concen: 45.276 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:139 Resp: 281934
Ion Ratio Lower Upper
139 100
109 29.7 22.2 33.4
65 58.7 46.2 69.2





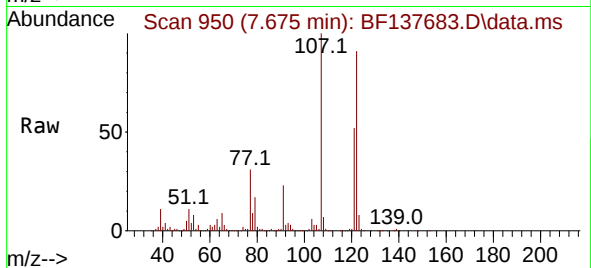
#27
2,4-Dimethylphenol
Concen: 32.815 ng
RT: 7.675 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD



Tgt Ion:122 Resp: 38181
Ion Ratio Lower Upper
122 100
107 110.4 90.9 136.3
121 57.0 47.0 70.6

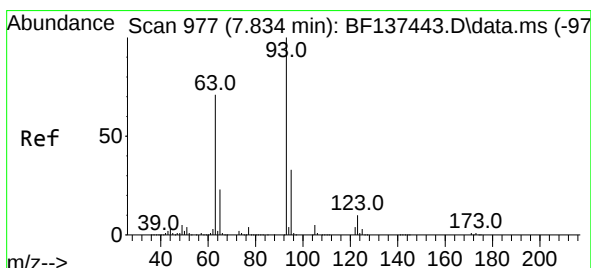
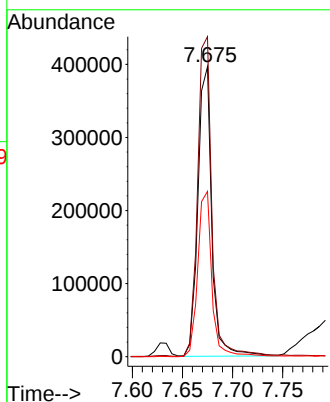
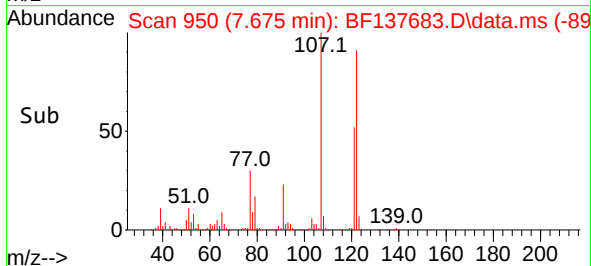
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Reviewed By :Yogesh
Patel

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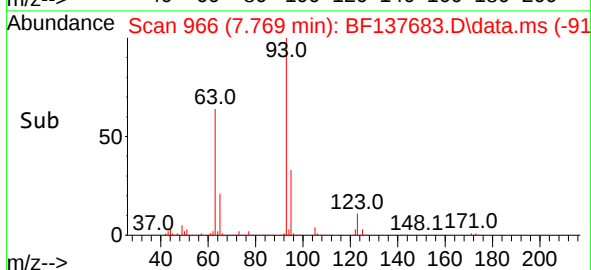
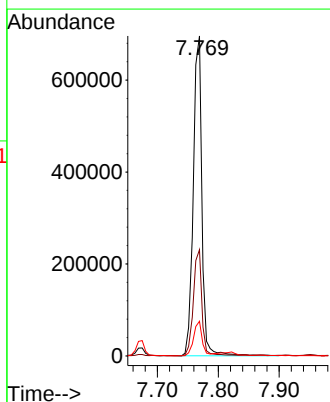
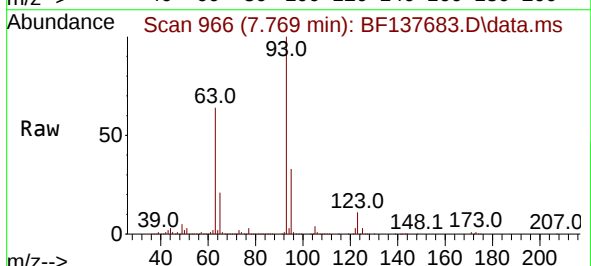
Supervised By :mohammad
ahmed

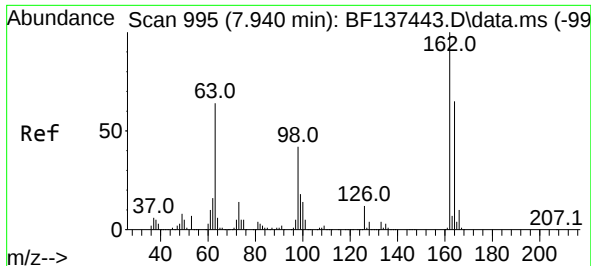
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#28
bis(2-Chloroethoxy)methane
Concen: 39.390 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 93 Resp: 685544
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 10.8 8.0 12.0





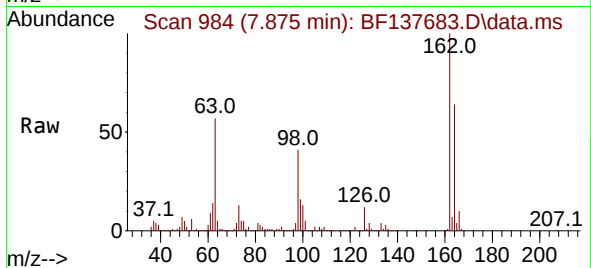
#29
2,4-Dichlorophenol
Concen: 41.951 ng
RT: 7.875 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD



Tgt Ion:162 Resp: 447970
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 40.8 22.0 62.0

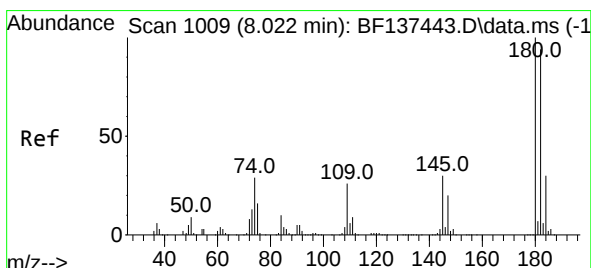
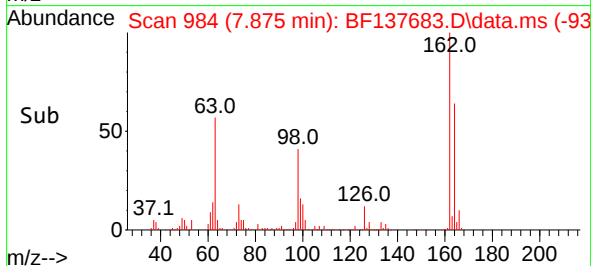
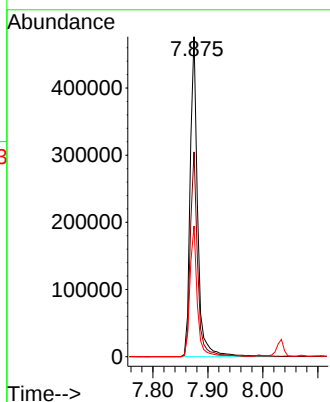
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Reviewed By :Yogesh
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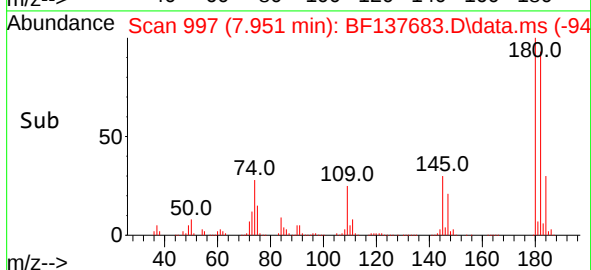
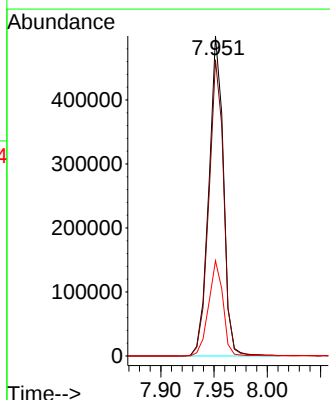
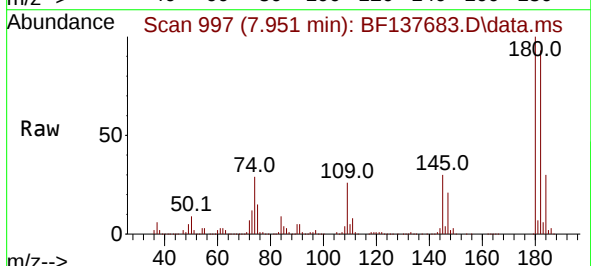
Supervised By :mohammad
ahmed

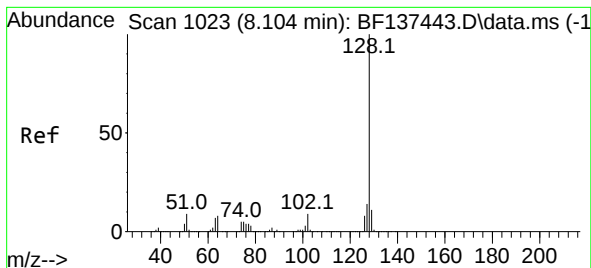
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#30
1,2,4-Trichlorobenzene
Concen: 42.503 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

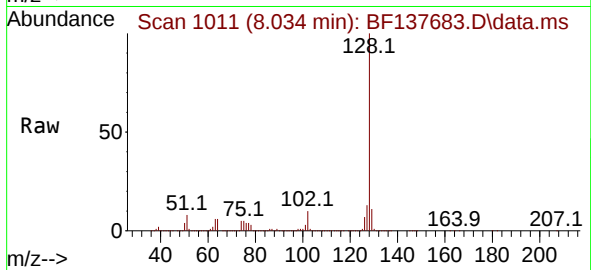
Tgt Ion:180 Resp: 477631
Ion Ratio Lower Upper
180 100
182 92.6 75.0 112.6
145 29.8 23.7 35.5





#31
Naphthalene
Concen: 39.379 ng
RT: 8.034 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



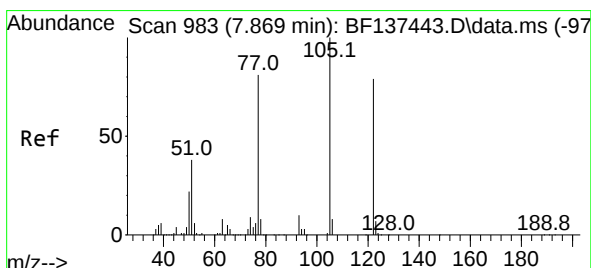
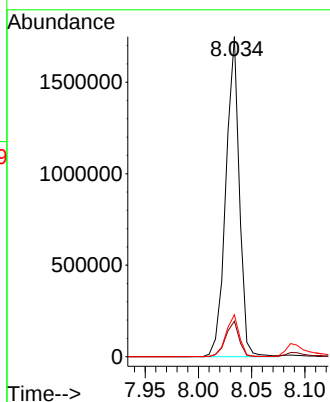
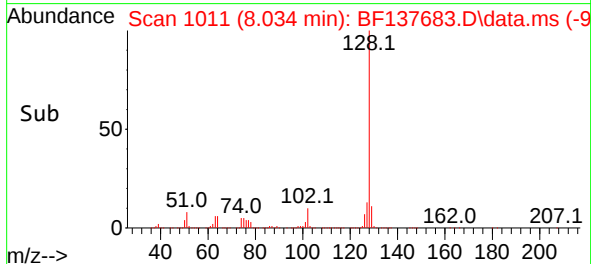
Tgt Ion:128 Resp: 1532775
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.8 16.2

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Reviewed By :Yogesh
Patel

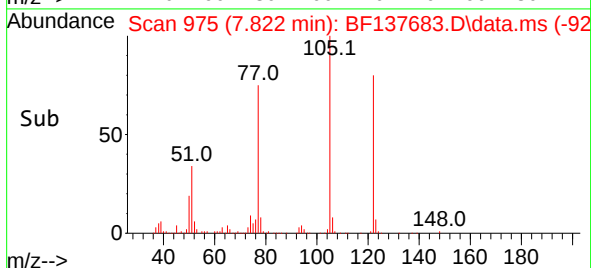
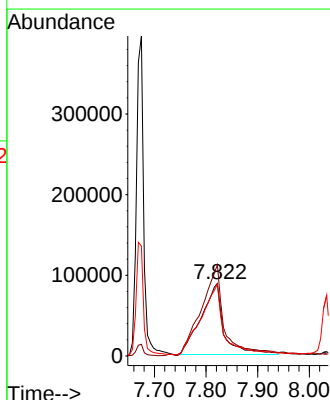
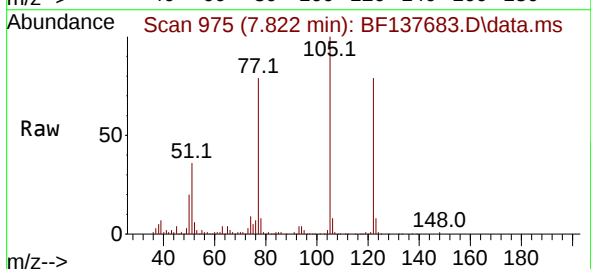
03/26/2024
Supervised By :mohammad
ahmed

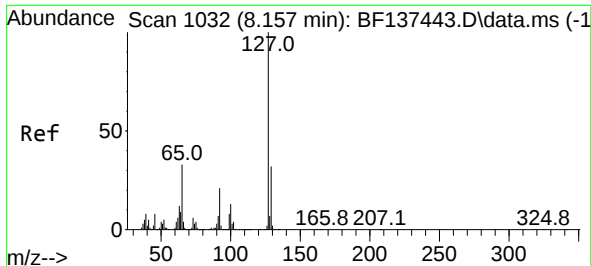
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#32
Benzoic acid
Concen: 41.400 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.024 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:122 Resp: 270725
Ion Ratio Lower Upper
122 100
105 125.8 102.4 142.4
77 98.8 81.1 121.1





#33

4-Chloroaniline

Concen: 7.116 ng

RT: 8.087 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:127 Resp: 10860

Ion Ratio Lower Upper

127 100

129 32.2 26.0 39.0

65 33.3 26.8 40.2

92 22.3 17.0 25.6

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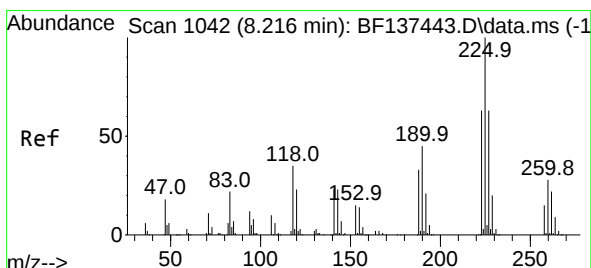
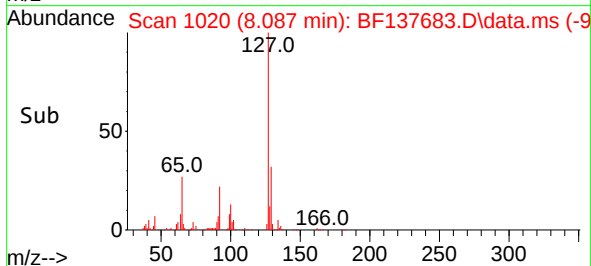
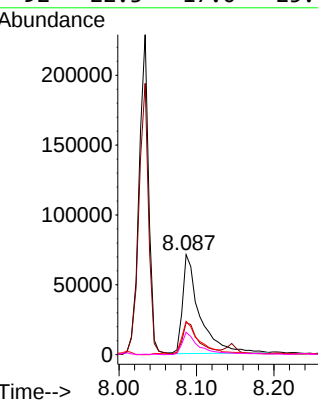
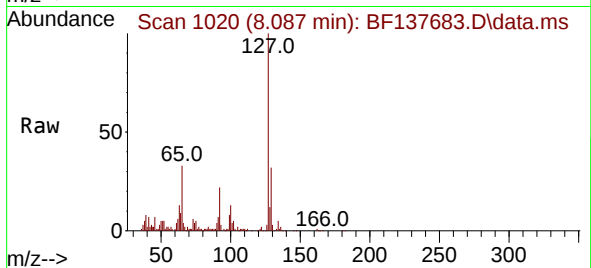
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#34

Hexachlorobutadiene

Concen: 42.587 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

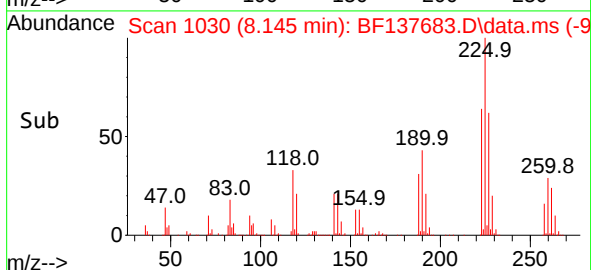
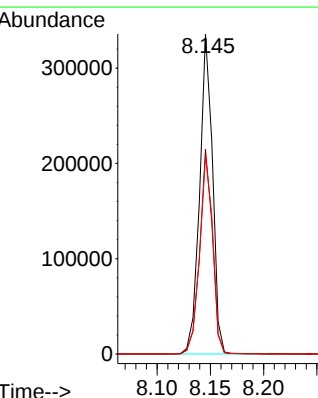
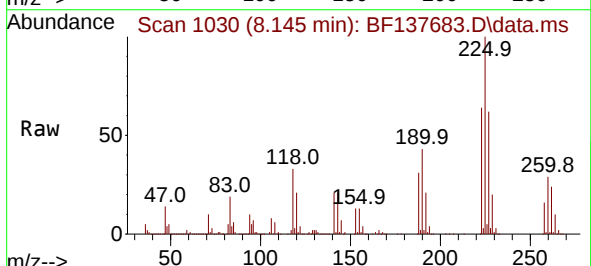
Tgt Ion:225 Resp: 282542

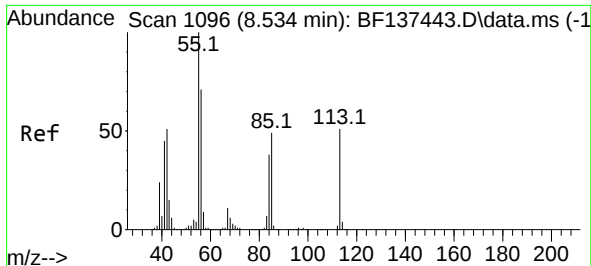
Ion Ratio Lower Upper

225 100

223 63.9 50.7 76.1

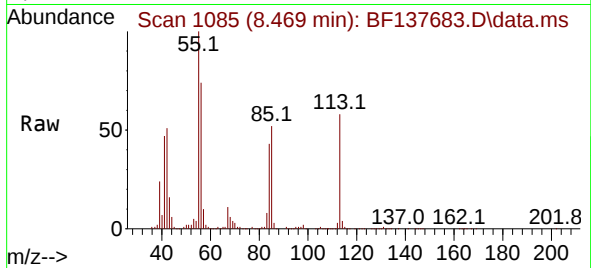
227 61.9 50.6 75.8





#35
Caprolactam
Concen: 39.447 ng m
RT: 8.469 min Scan# 1104
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



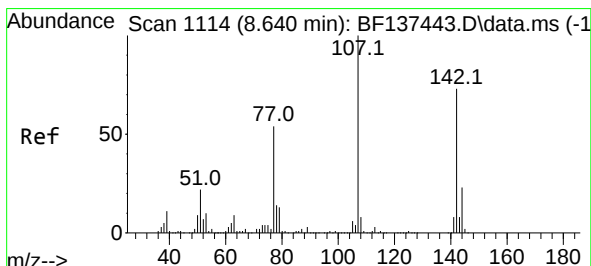
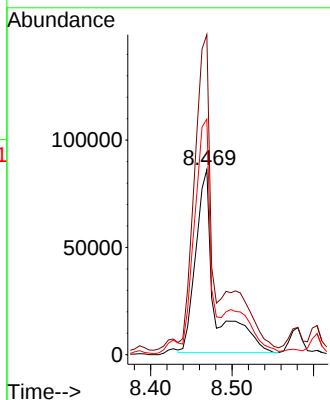
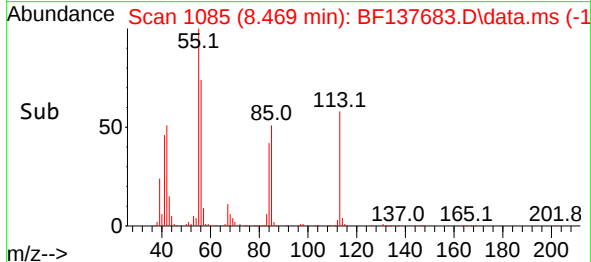
Tgt Ion:113 Resp: 14283
Ion Ratio Lower Upper
113 100
55 172.9 176.7 216.7
56 127.2 120.6 160.6

Manual Integrations
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Patel

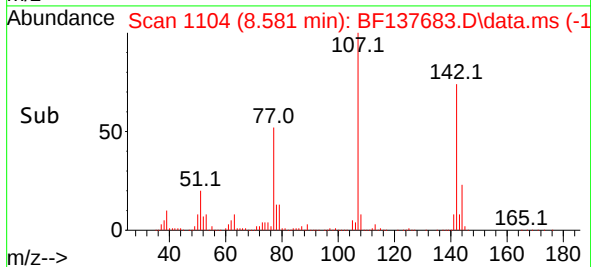
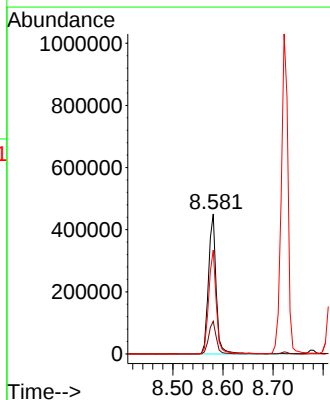
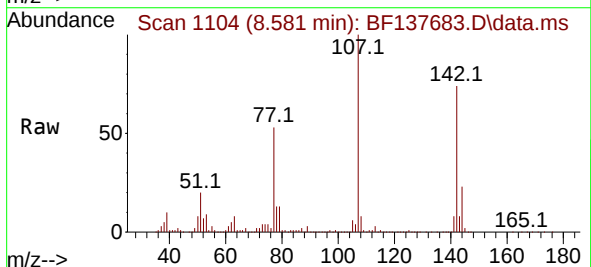
03/26/2024
Supervised By :mohammad
ahmed

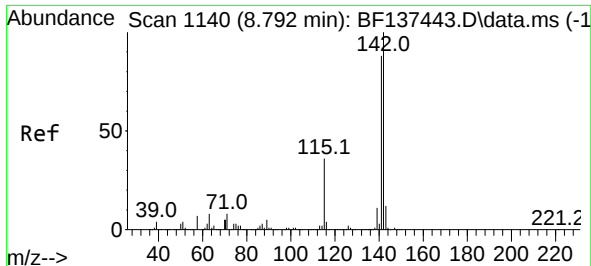
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#36
4-Chloro-3-methylphenol
Concen: 40.001 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:107 Resp: 477466
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 74.2 58.2 87.2





#37

2-Methylnaphthalene

Concen: 38.310 ng

RT: 8.722 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:142 Resp: 950608

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

Manual Integrations

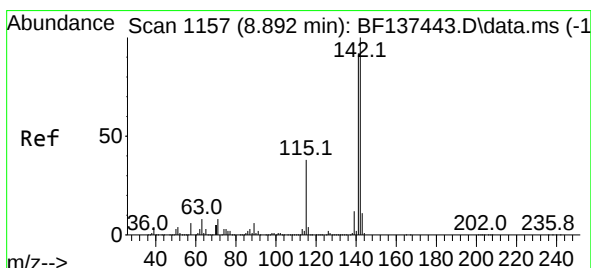
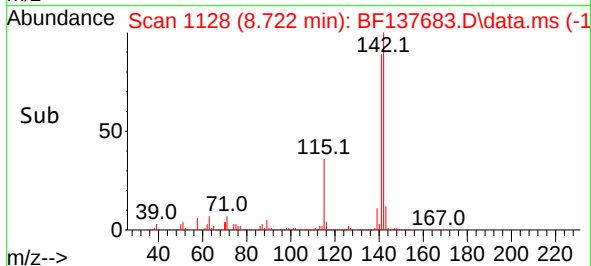
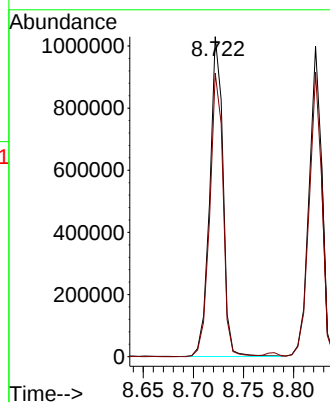
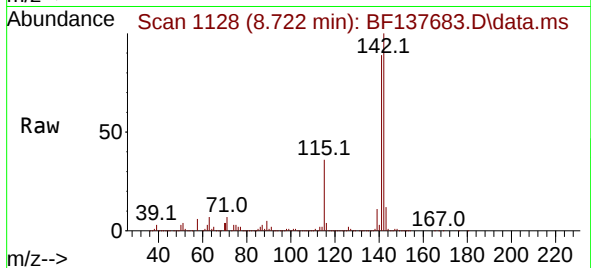
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Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#38

1-Methylnaphthalene

Concen: 37.590 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF137683.D

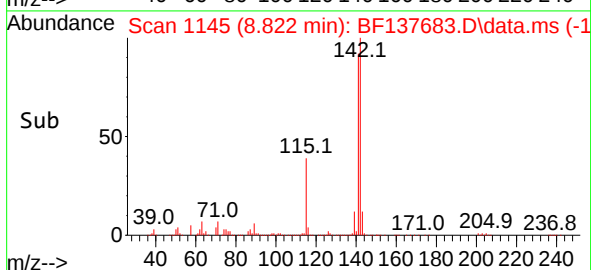
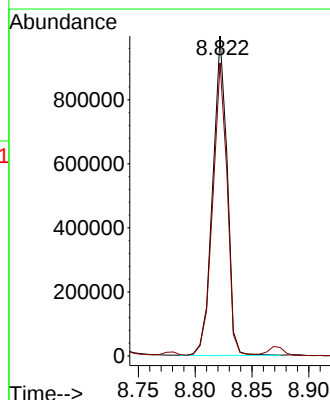
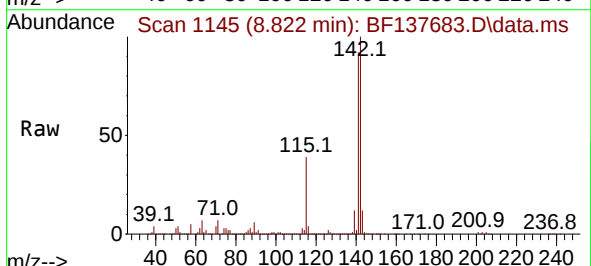
Acq: 22 Mar 2024 15:56

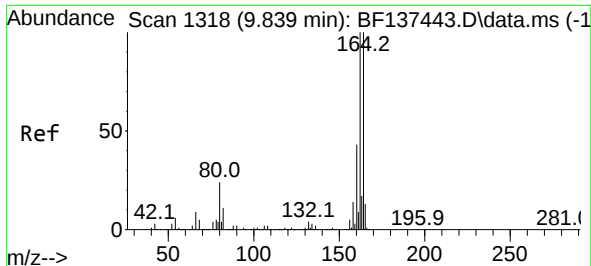
Tgt Ion:142 Resp: 878397

Ion Ratio Lower Upper

142 100

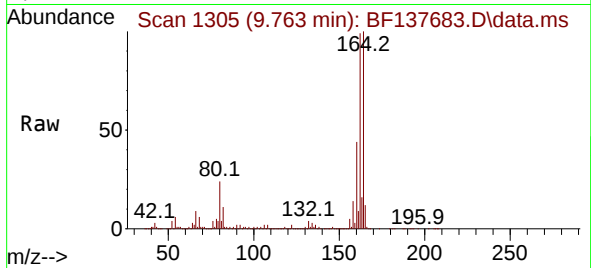
141 91.6 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



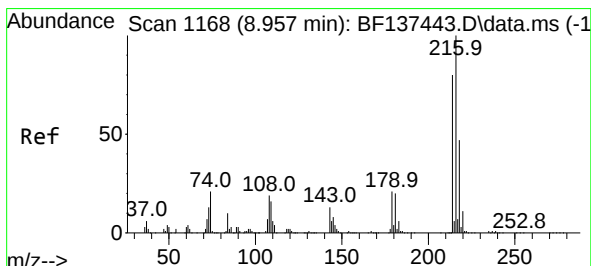
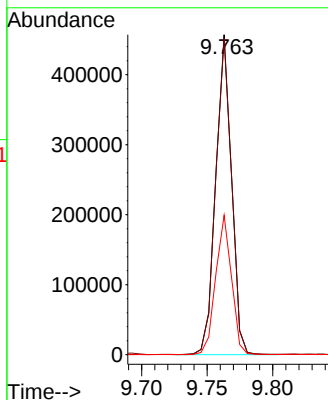
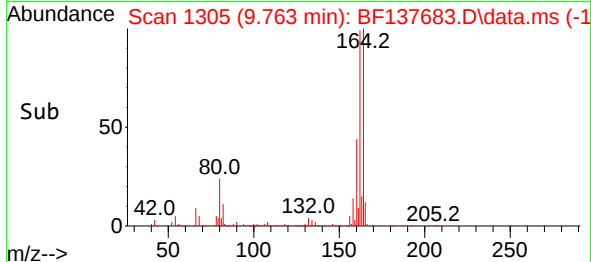
Tgt Ion:164 Resp: 382079
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.6 34.4 51.6

Manual Integrations
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Patel

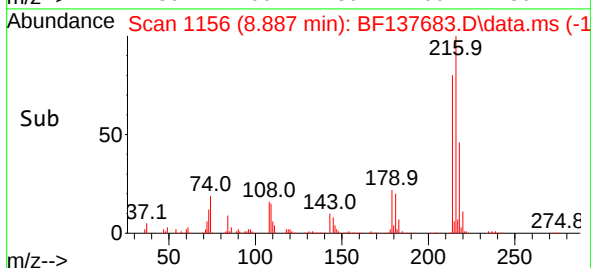
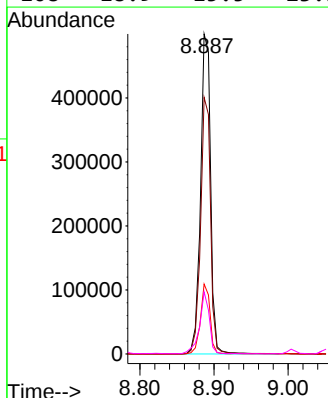
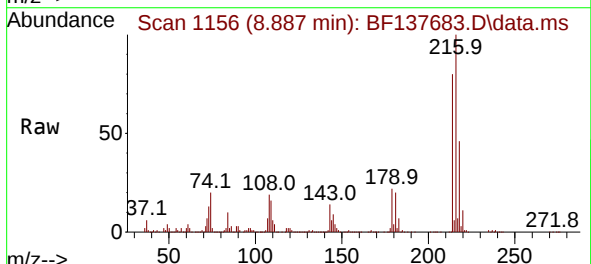
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Supervised By :mohammad
ahmed

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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.161 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

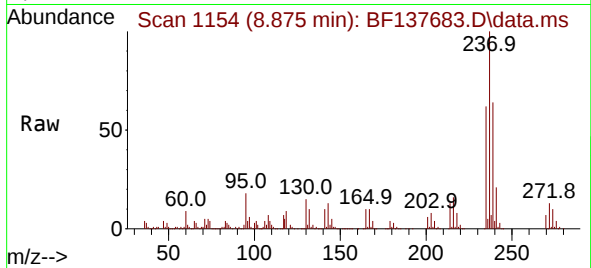
Tgt Ion:216 Resp: 471052
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 20.8 16.6 25.0
108 18.9 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 55.332 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



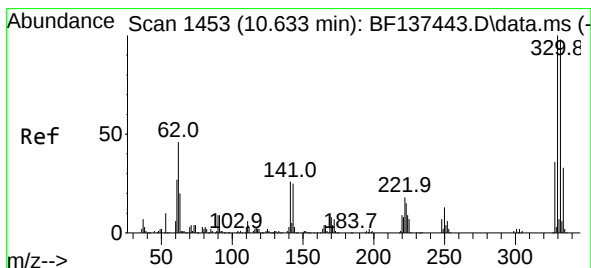
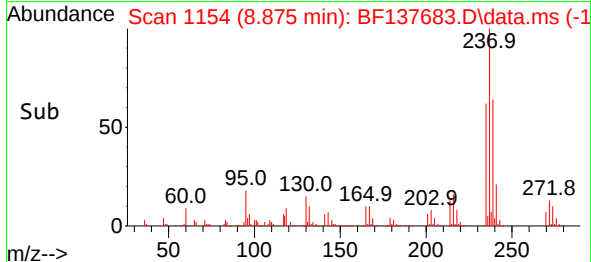
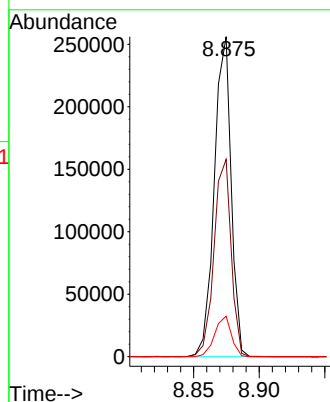
Tgt Ion:237 Resp: 228520
Ion Ratio Lower Upper
237 100
235 61.6 43.6 83.6
272 12.7 0.0 31.9

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Patel

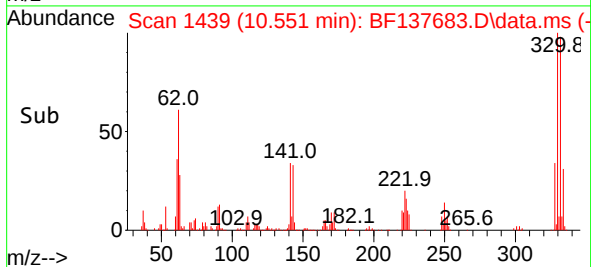
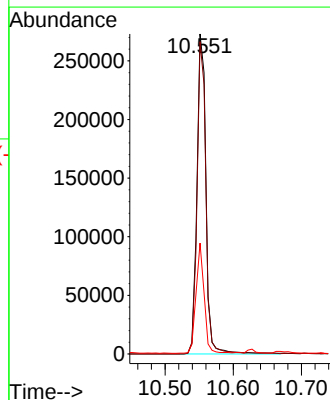
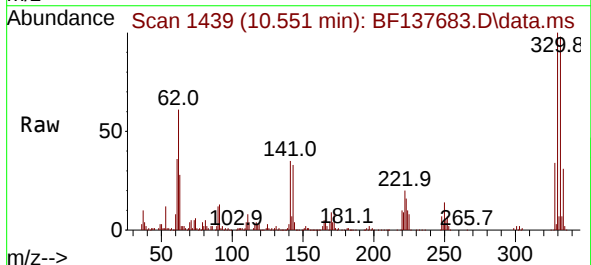
03/26/2024
Supervised By :mohammad
ahmed

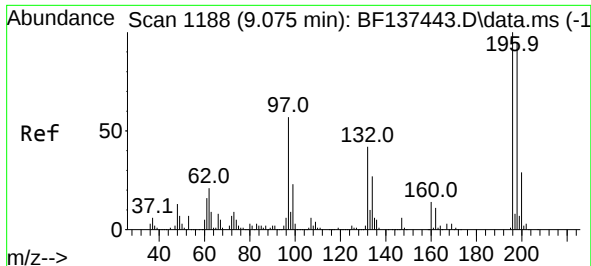
03/26/2024



#42
2,4,6-Tribromophenol
Concen: 74.122 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:330 Resp: 248701
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 31.1 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 44.028 ng

RT: 9.004 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:196 Resp: 305827
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.8 113.8
 200 28.7 23.5 35.3

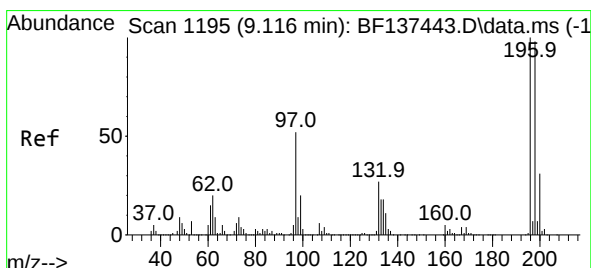
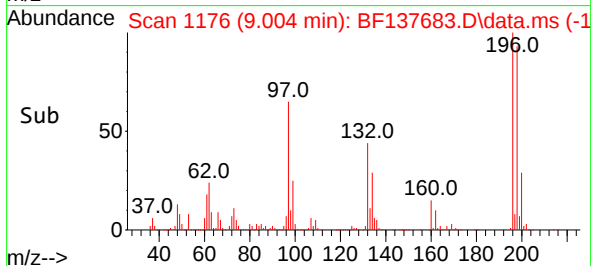
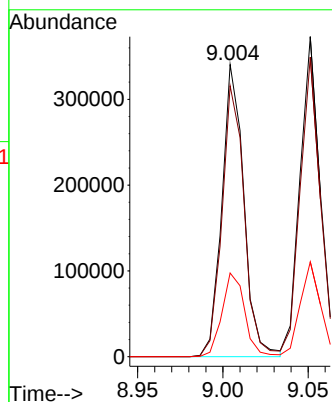
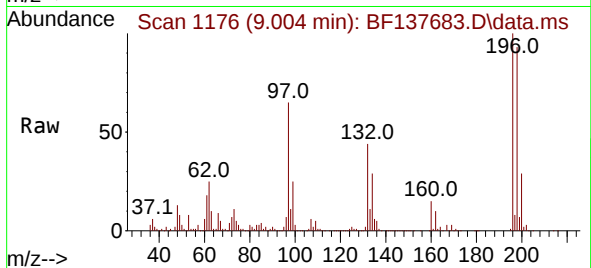
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

03/26/2024

Supervised By :mohammad
 ahmed

03/26/2024



#44

2,4,5-Trichlorophenol

Concen: 40.263 ng

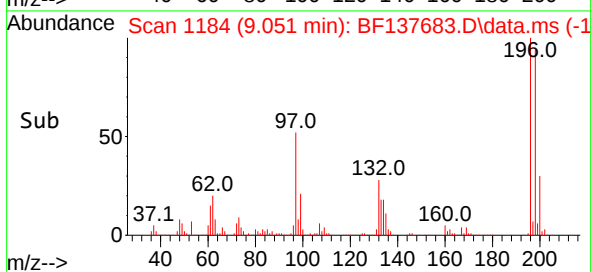
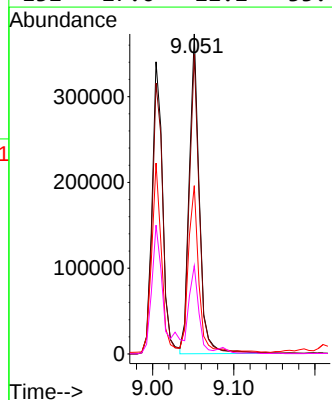
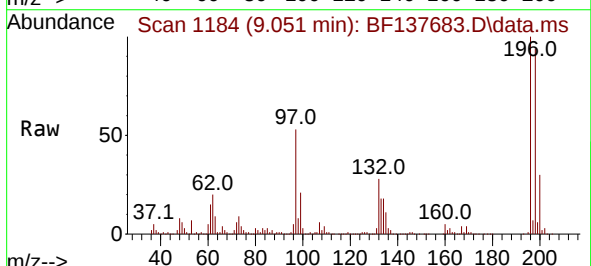
RT: 9.051 min Scan# 1184

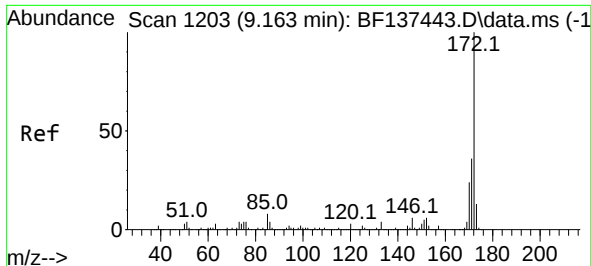
Delta R.T. 0.012 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

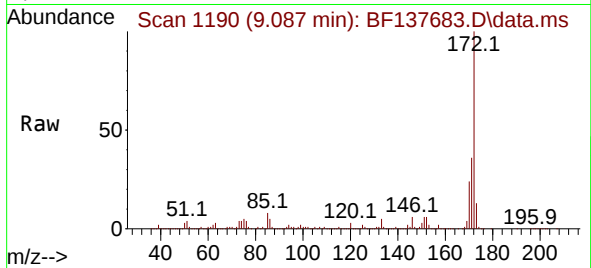
Tgt Ion:196 Resp: 322171
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.6 117.8
 97 52.6 41.8 62.8
 132 27.6 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 47.077 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



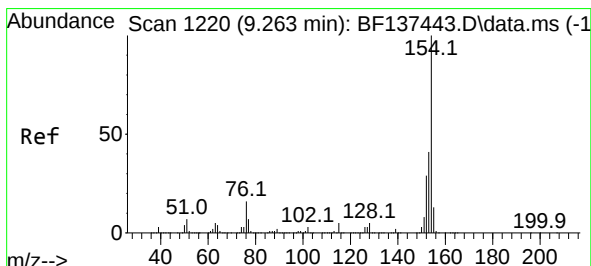
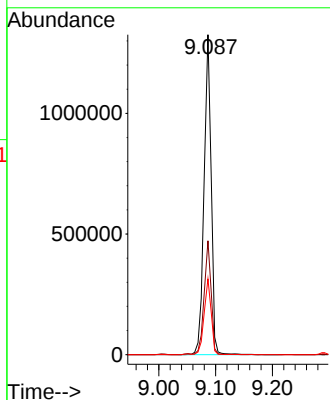
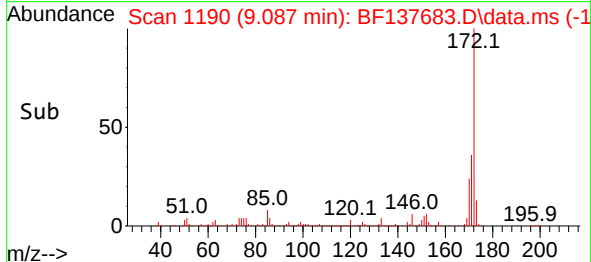
Tgt Ion:172 Resp: 1149050
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 19.0 28.6

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Reviewed By :Yogesh
Patel

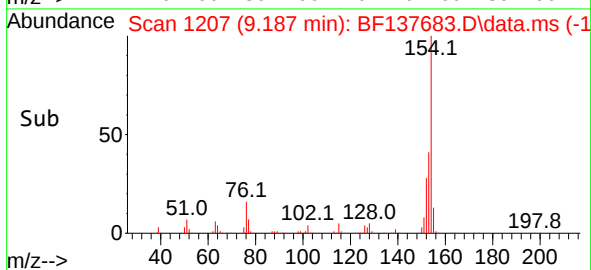
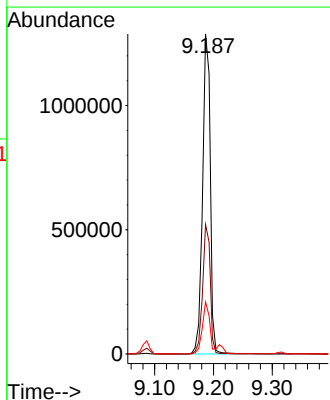
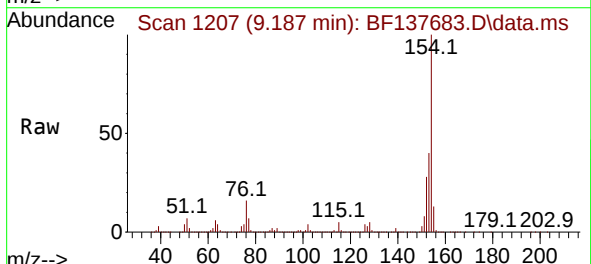
03/26/2024
Supervised By :mohammad
ahmed

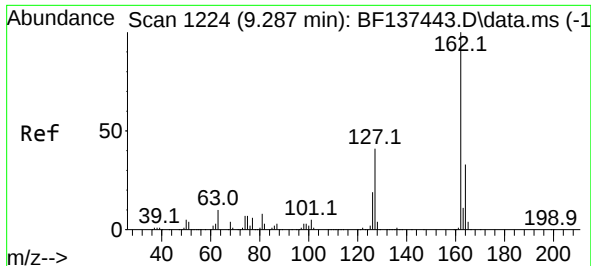
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#46
1,1'-Biphenyl
Concen: 41.822 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:154 Resp: 1169534
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 16.3 0.0 35.8





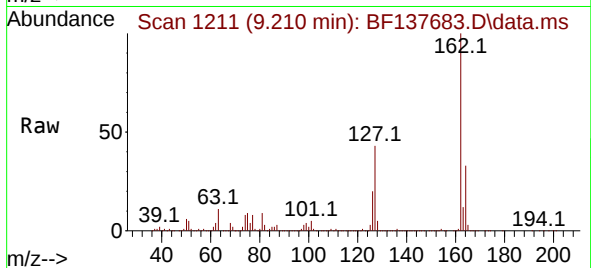
#47
2-Chloronaphthalene
Concen: 42.219 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD



Tgt Ion:162 Resp: 900130
Ion Ratio Lower Upper
162 100
127 43.0 32.6 49.0
164 32.6 26.5 39.7

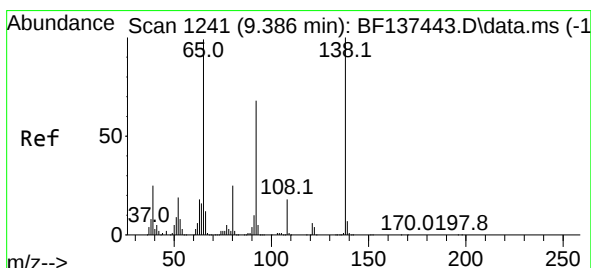
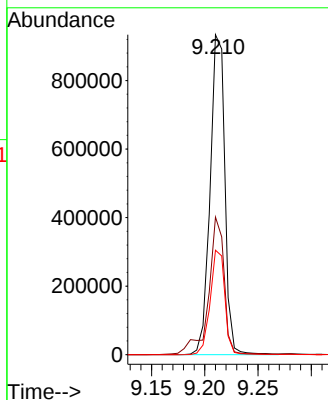
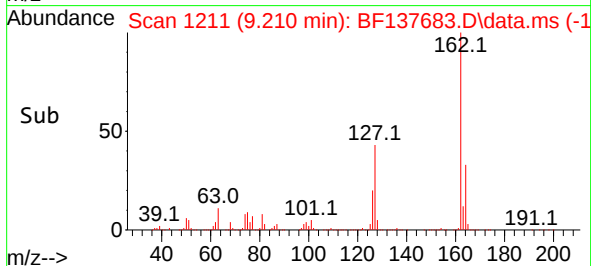
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

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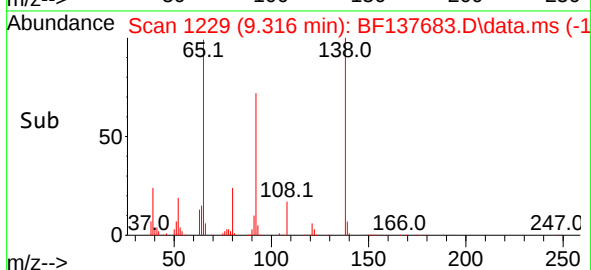
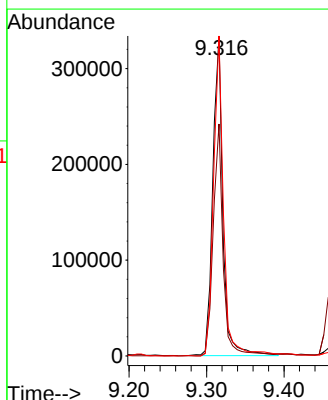
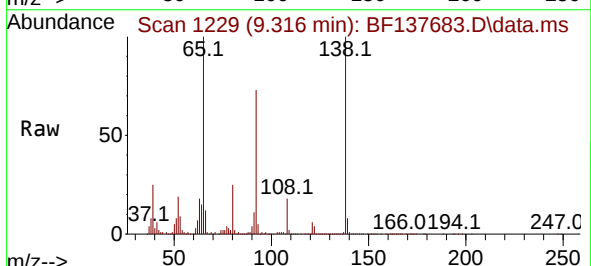
Supervised By :mohammad
ahmed

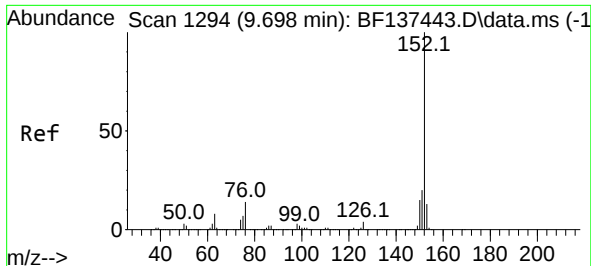
03/26/2024



#48
2-Nitroaniline
Concen: 41.455 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

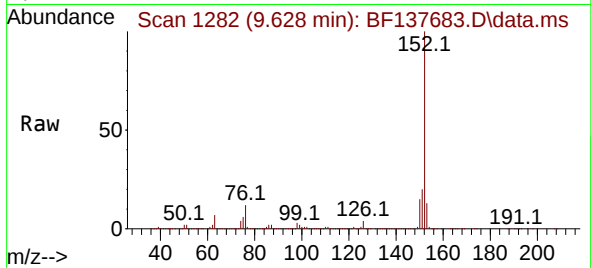
Tgt Ion: 65 Resp: 300414
Ion Ratio Lower Upper
65 100
92 72.6 55.4 83.2
138 100.1 81.0 121.6





#49
Acenaphthylene
Concen: 40.874 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



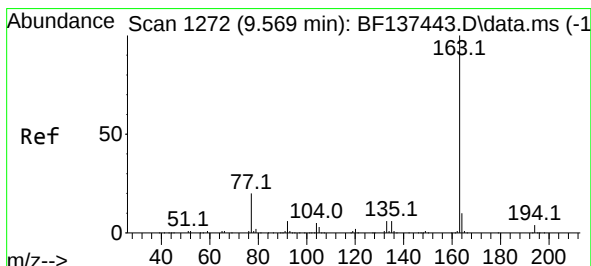
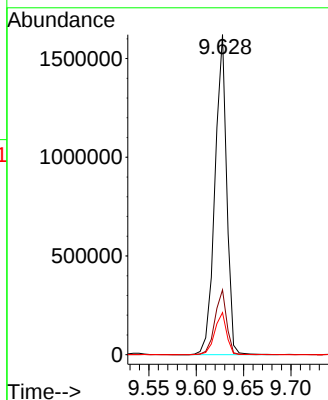
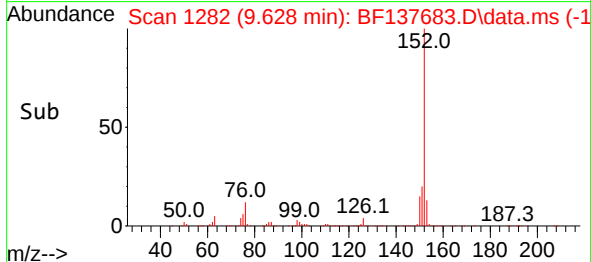
Tgt Ion:152 Resp: 1394644
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.1 10.8 16.2

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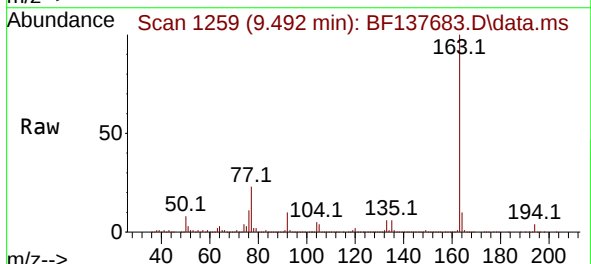
Reviewed By :Yogesh
Patel

03/26/2024
Supervised By :mohammad
ahmed

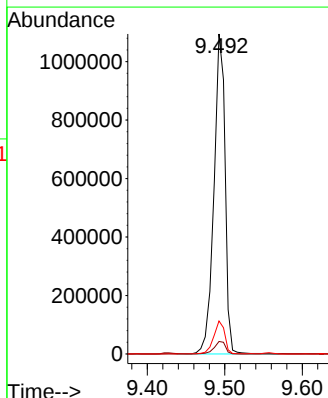
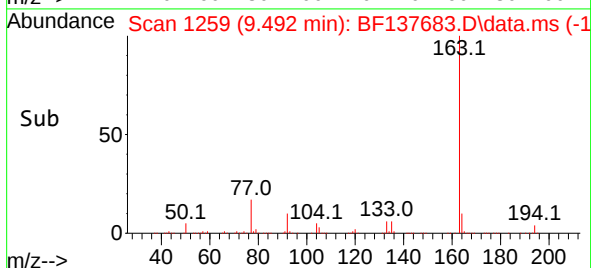
03/26/2024

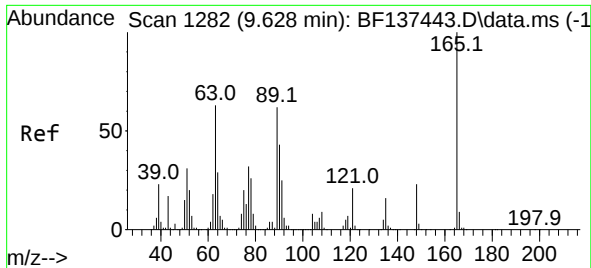


#50
Dimethylphthalate
Concen: 41.178 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56



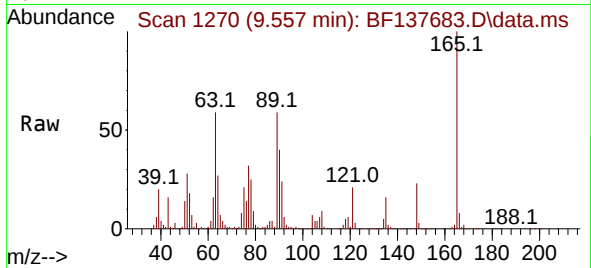
Tgt Ion:163 Resp: 1095210
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.314 ng
RT: 9.557 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



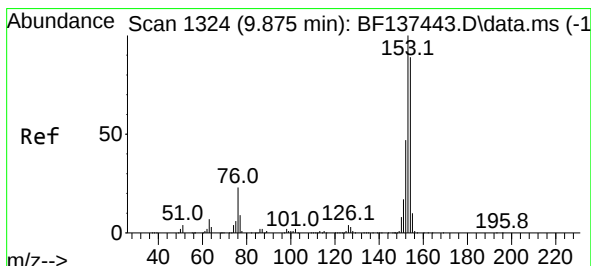
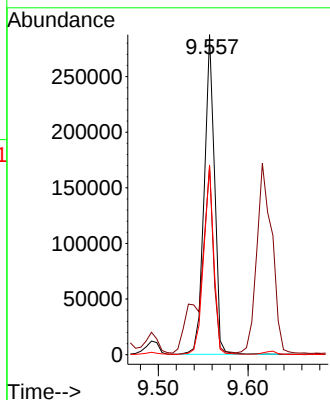
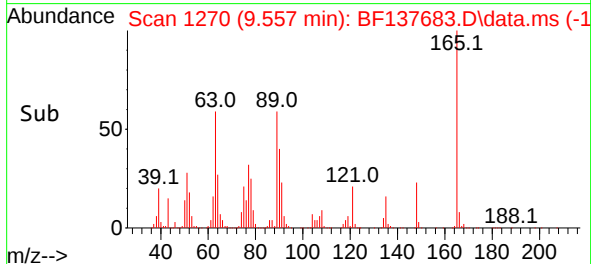
Tgt Ion:165 Resp: 229827
Ion Ratio Lower Upper
165 100
63 58.8 50.7 76.1
89 59.3 50.0 75.0

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Reviewed By :Yogesh
Patel

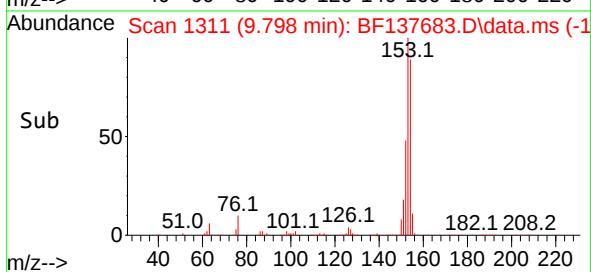
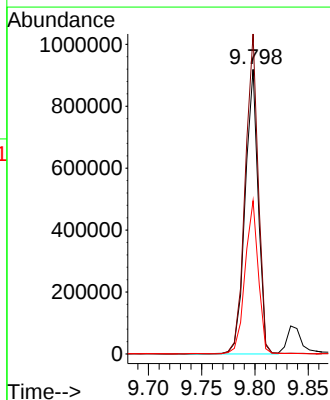
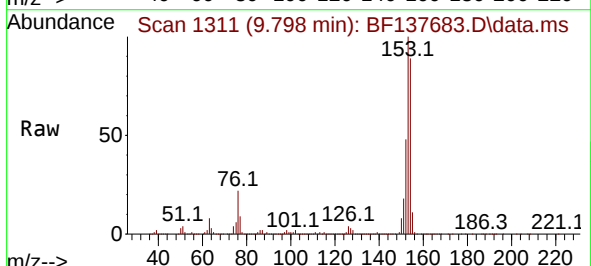
03/26/2024
Supervised By :mohammad
ahmed

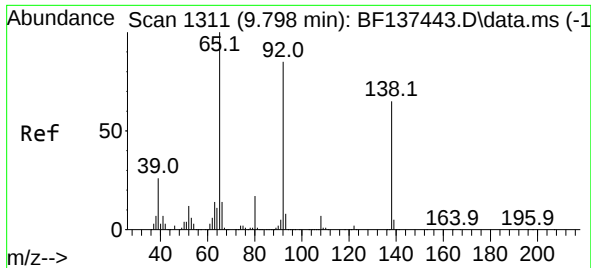
03/26/2024



#52
Acenaphthene
Concen: 38.697 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:154 Resp: 788255
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 53.8 42.7 64.1





#53
3-Nitroaniline
Concen: 20.703 ng
RT: 9.728 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:138 Resp: 121819
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 115.7 104.6 157.0

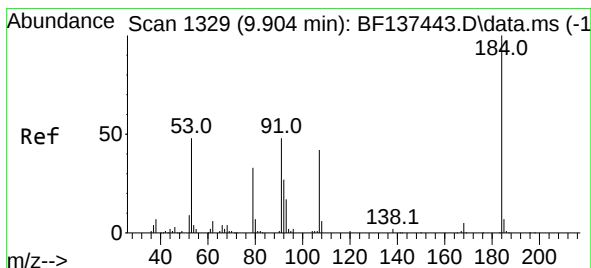
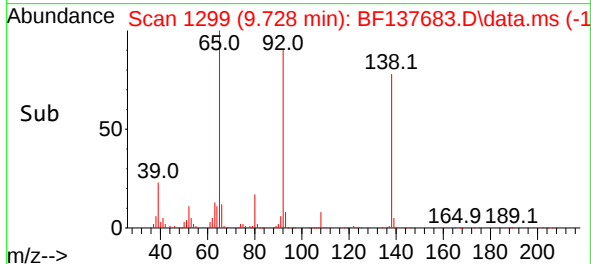
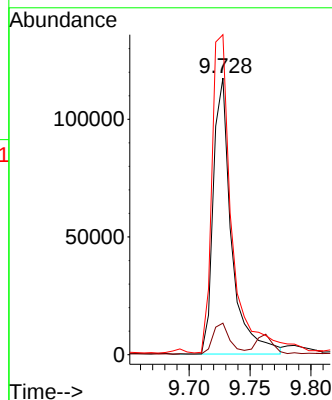
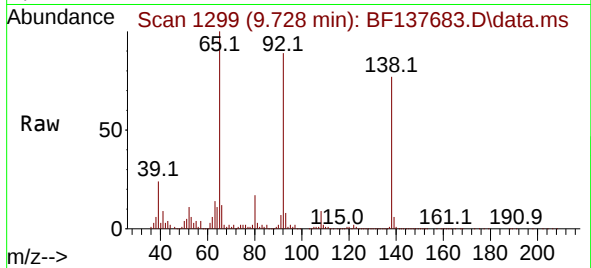
Manual Integrations
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Reviewed By :Yogesh
Patel

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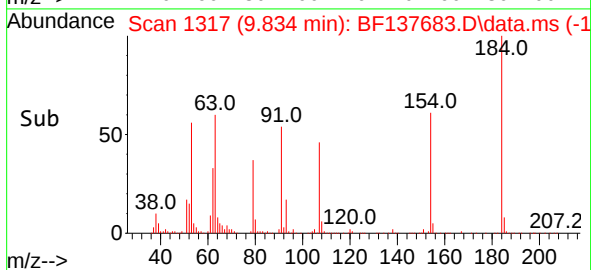
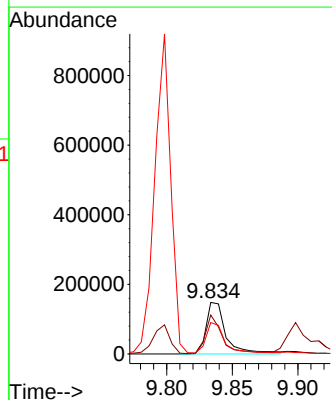
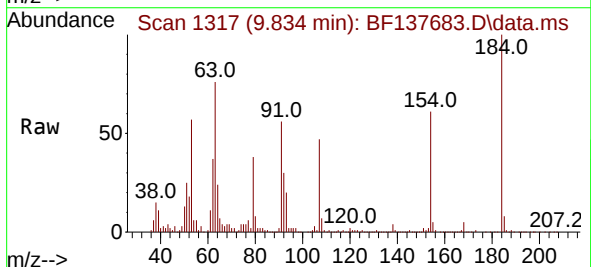
Supervised By :mohammad
ahmed

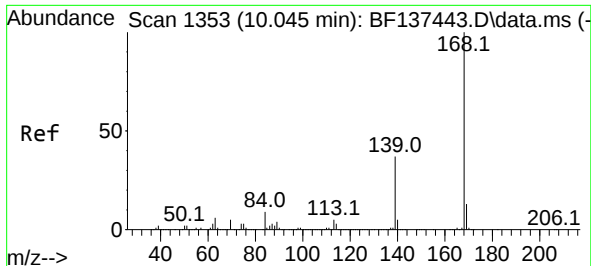
03/26/2024



#54
2,4-Dinitrophenol
Concen: 60.013 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

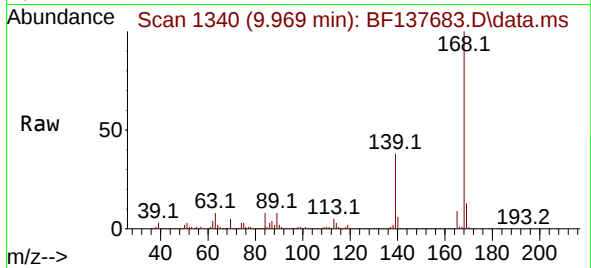
Tgt Ion:184 Resp: 156622
Ion Ratio Lower Upper
184 100
63 75.6 53.3 79.9
154 61.0 47.4 71.0





#55
Dibenzenofuran
Concen: 38.089 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



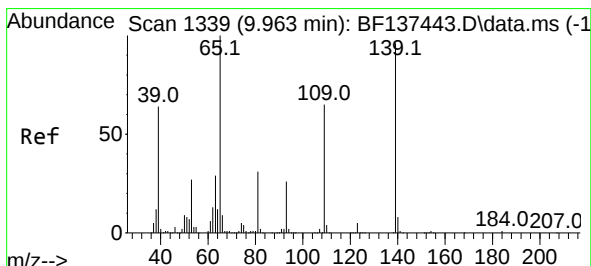
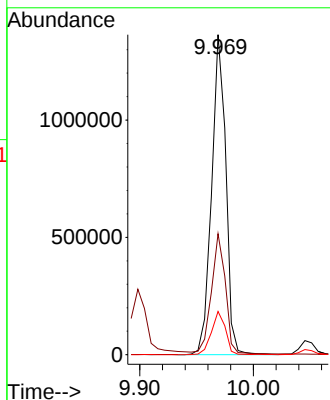
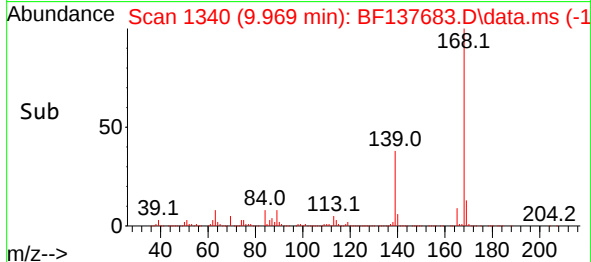
Tgt Ion:168 Resp: 1181708
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.5 10.8 16.2

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Reviewed By :Yogesh
Patel

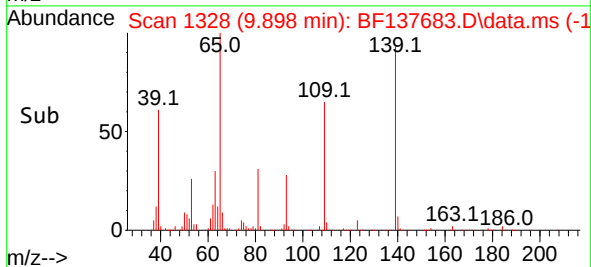
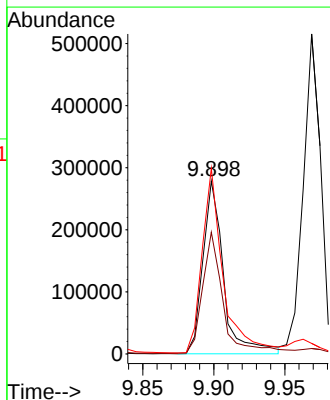
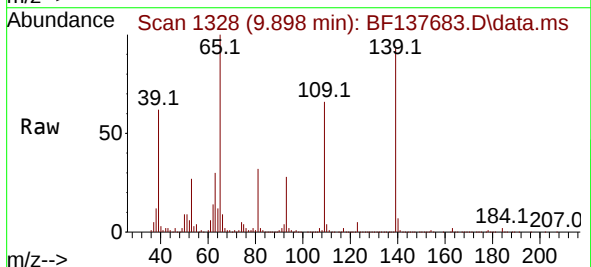
03/26/2024
Supervised By :mohammad
ahmed

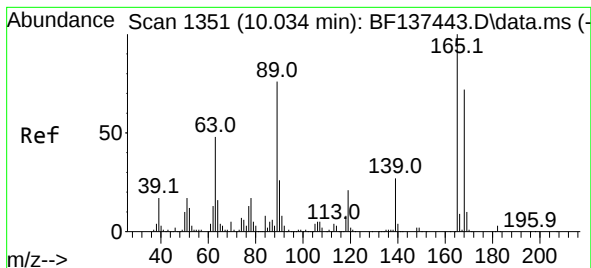
03/26/2024



#56
4-Nitrophenol
Concen: 68.172 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:139 Resp: 282420
Ion Ratio Lower Upper
139 100
109 70.4 47.1 87.1
65 107.4 85.1 125.1





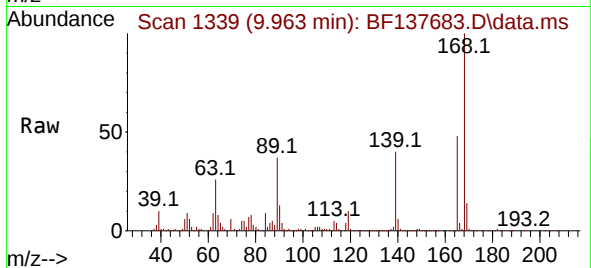
#57
2,4-Dinitrotoluene
Concen: 41.143 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD



Tgt Ion:165 Resp: 281190
Ion Ratio Lower Upper
165 100
63 55.4 39.0 58.6
89 78.4 60.9 91.3
182 2.8 2.2 3.2

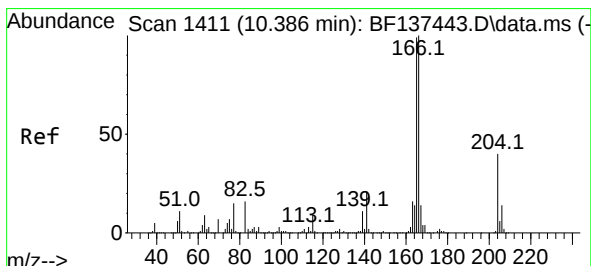
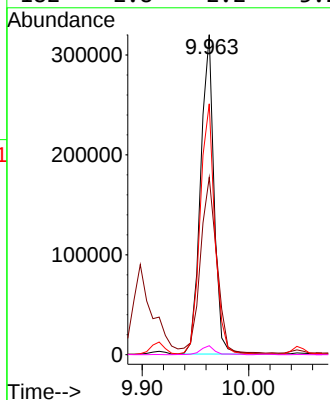
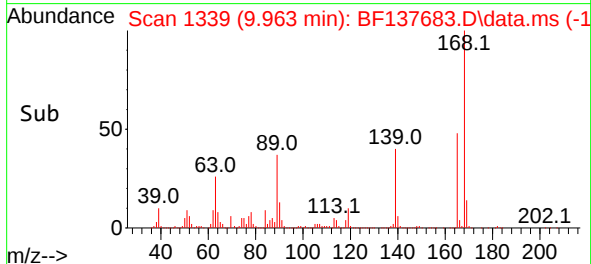
Manual Integrations
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Patel

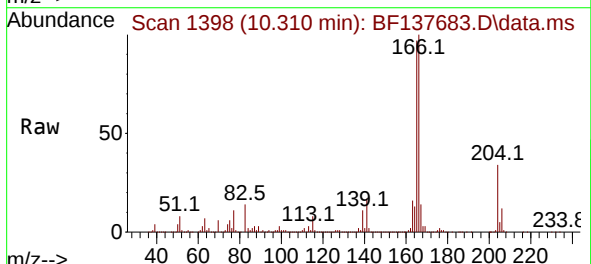
03/26/2024

Supervised By :mohammad
ahmed

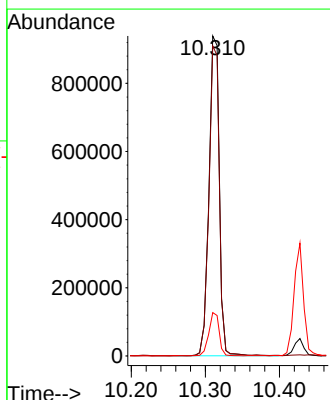
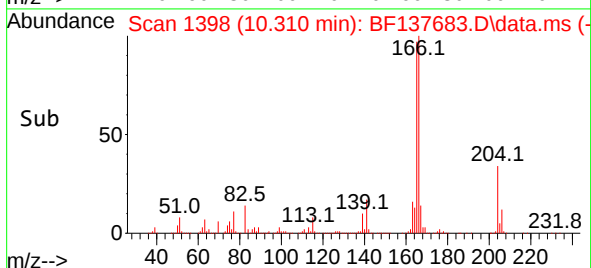
03/26/2024

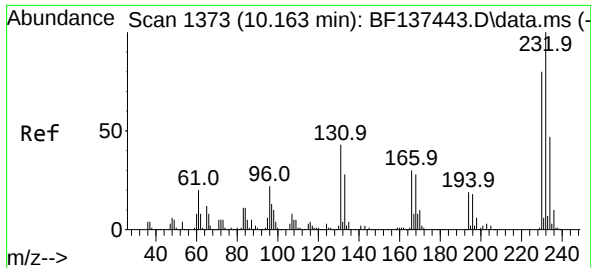


#58
Fluorene
Concen: 38.195 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56



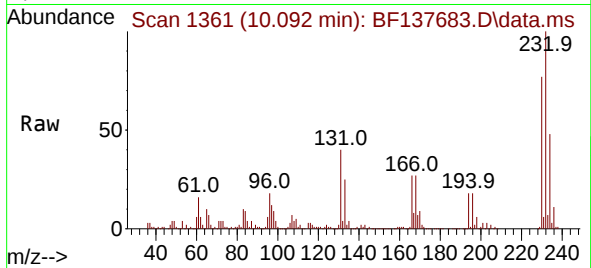
Tgt Ion:166 Resp: 910068
Ion Ratio Lower Upper
166 100
165 96.9 79.2 118.8
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.822 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



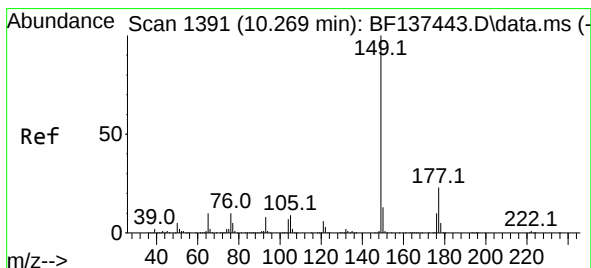
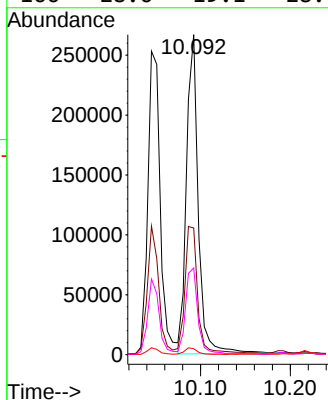
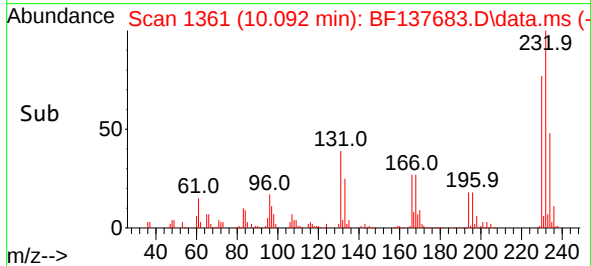
Tgt Ion:232 Resp: 242688
Ion Ratio Lower Upper
232 100
131 43.3 31.2 46.8
130 2.1 1.8 2.6
166 28.6 19.1 28.7

Manual Integrations
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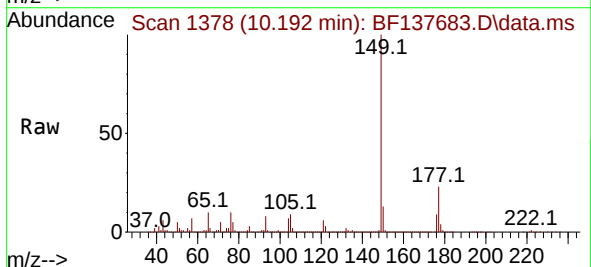
Reviewed By :Yogesh
Patel

03/26/2024
Supervised By :mohammad
ahmed

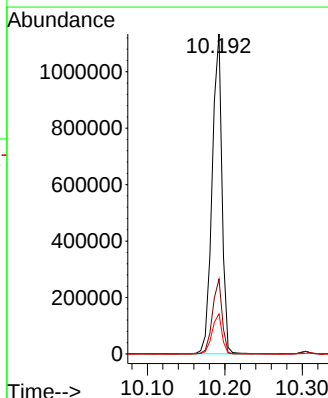
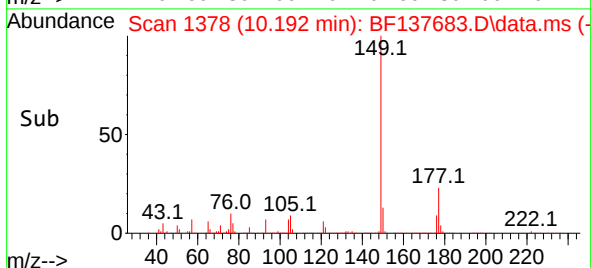
03/26/2024

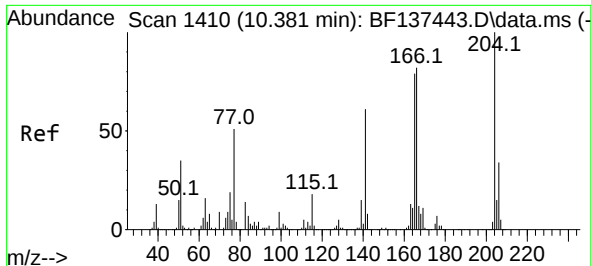


#60
Diethylphthalate
Concen: 39.863 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56



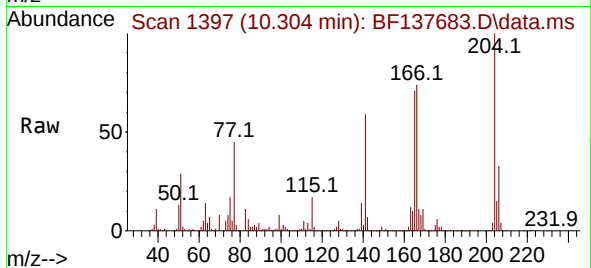
Tgt Ion:149 Resp: 1001193
Ion Ratio Lower Upper
149 100
177 23.4 18.7 28.1
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.936 ng
RT: 10.304 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



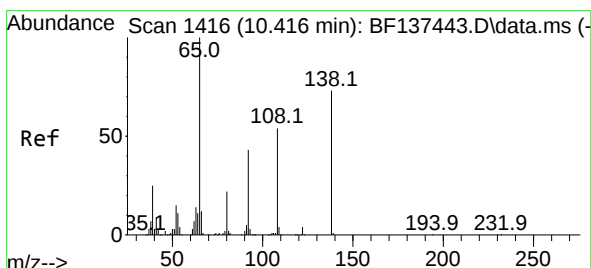
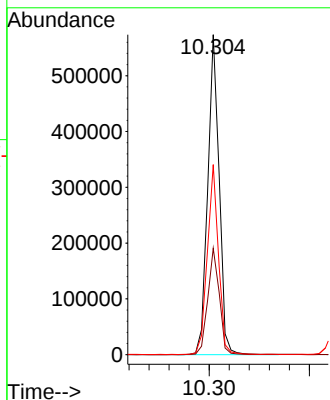
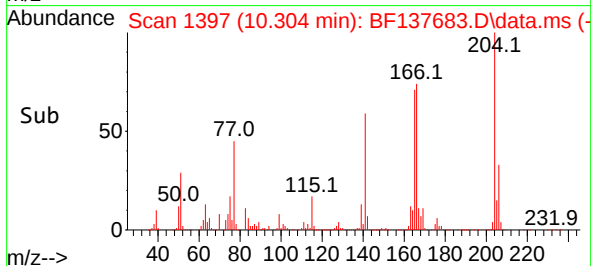
Tgt Ion:204 Resp: 454672
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.0
141 59.4 48.4 72.6

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Reviewed By :Yogesh
Patel

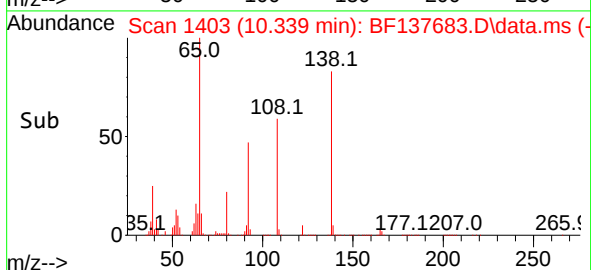
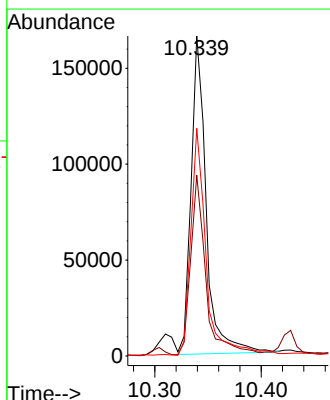
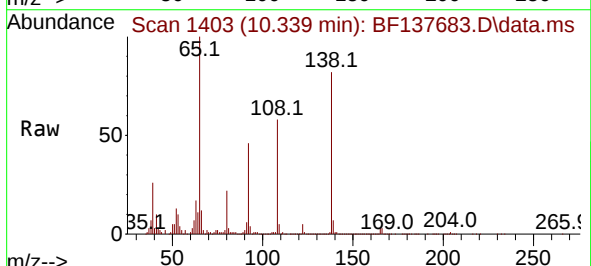
03/26/2024
Supervised By :mohammad
ahmed

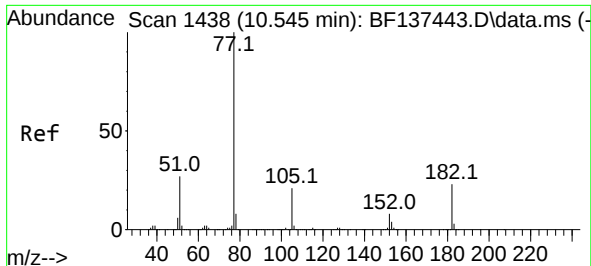
03/26/2024



#62
4-Nitroaniline
Concen: 32.349 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

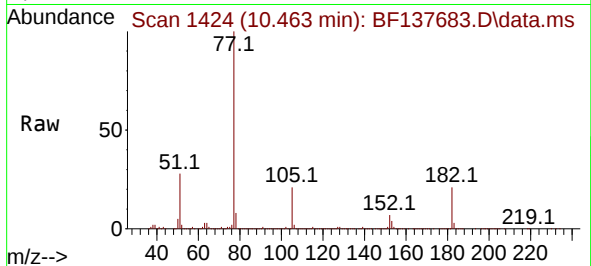
Tgt Ion:138 Resp: 163599
Ion Ratio Lower Upper
138 100
92 56.5 37.9 77.9
108 71.1 53.2 93.2





#63
Azobenzene
Concen: 36.642 ng
RT: 10.463 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



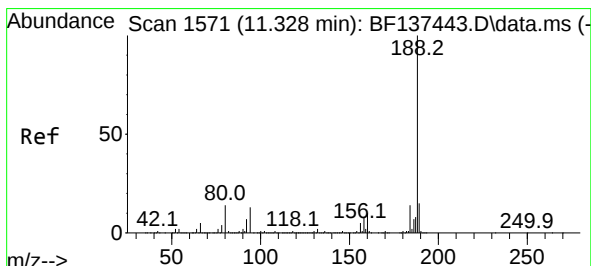
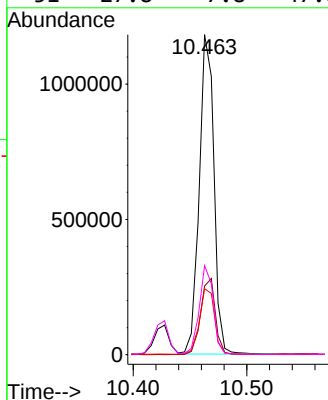
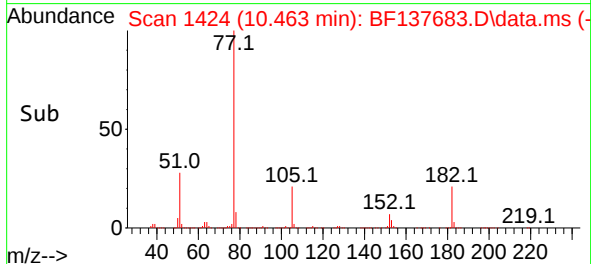
Tgt Ion: 77 Resp: 105971
Ion Ratio Lower Upper
77 100
182 21.4 3.2 43.2
105 20.6 1.2 41.2
51 27.8 7.8 47.8

Manual Integrations
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Reviewed By :Yogesh
Patel

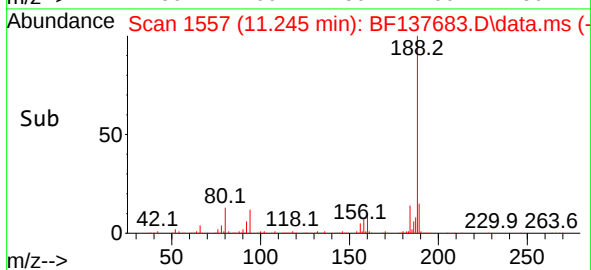
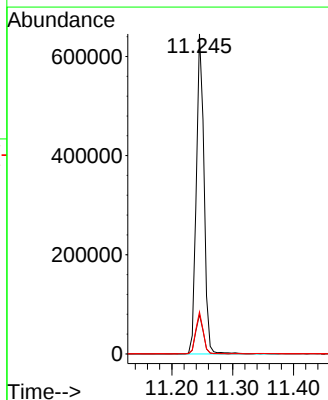
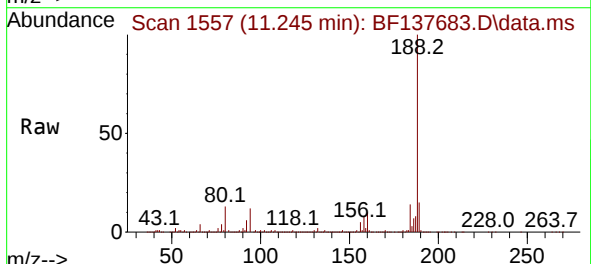
03/26/2024
Supervised By :mohammad
ahmed

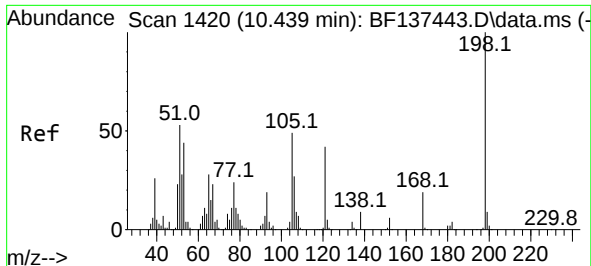
03/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

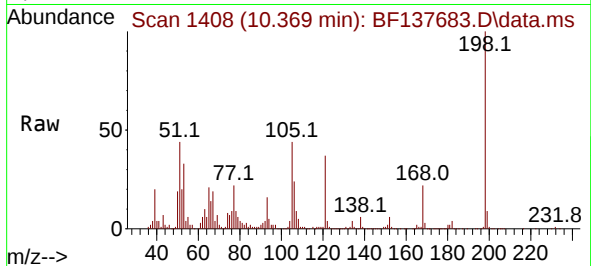
Tgt Ion:188 Resp: 568287
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 13.2 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 38.138 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



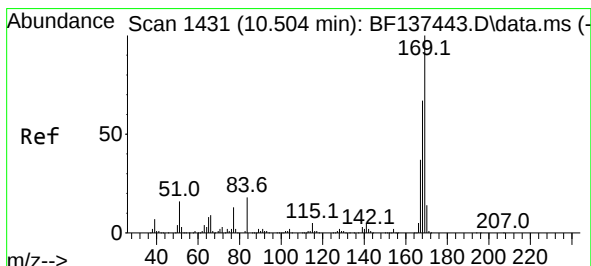
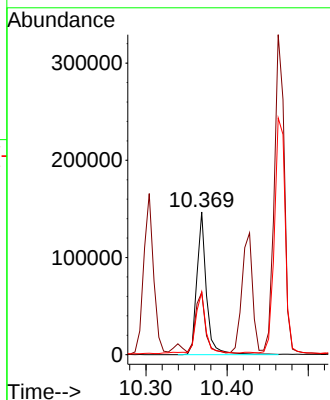
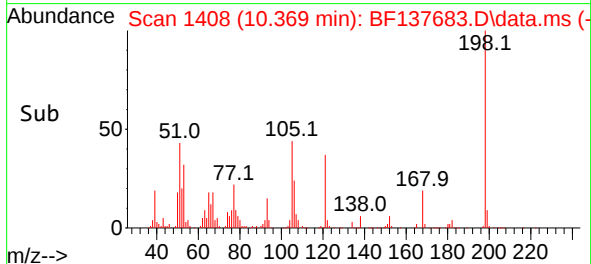
Tgt Ion:198 Resp: 120795
Ion Ratio Lower Upper
198 100
51 43.6 37.2 77.2
105 43.9 29.2 69.2

Manual Integrations
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Reviewed By :Yogesh
Patel

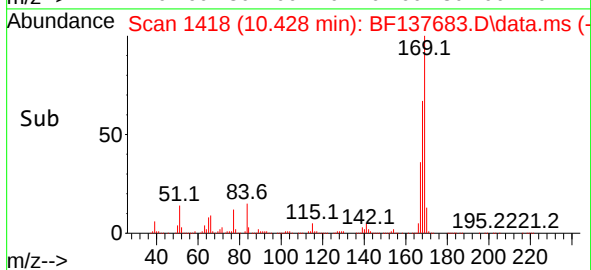
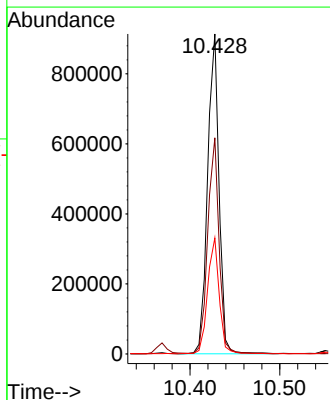
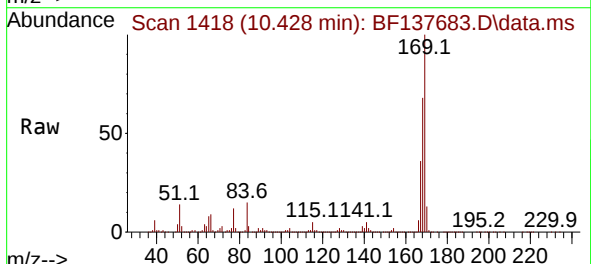
03/26/2024
Supervised By :mohammad
ahmed

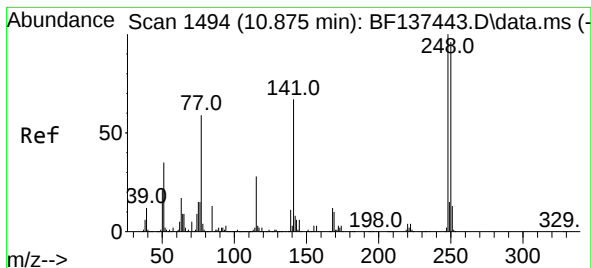
03/26/2024



#66
n-Nitrosodiphenylamine
Concen: 44.200 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

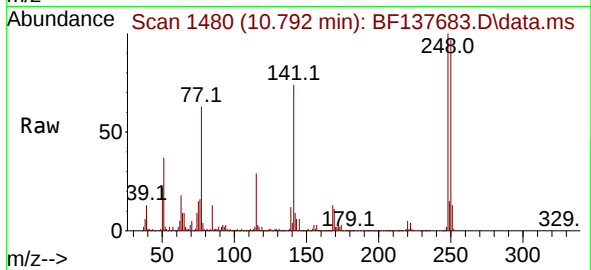
Tgt Ion:169 Resp: 808846
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.6
167 36.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 45.415 ng
RT: 10.792 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



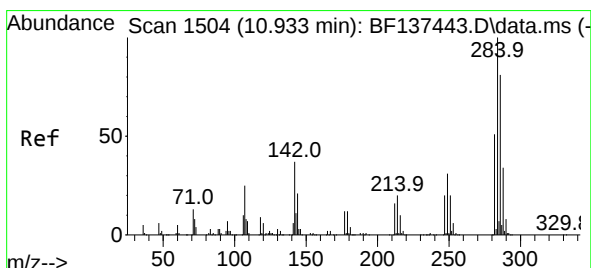
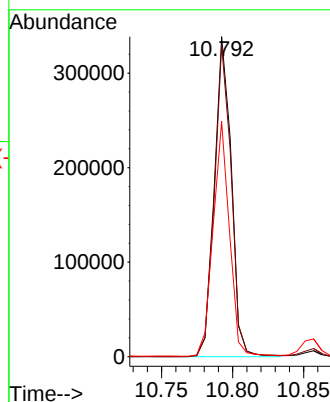
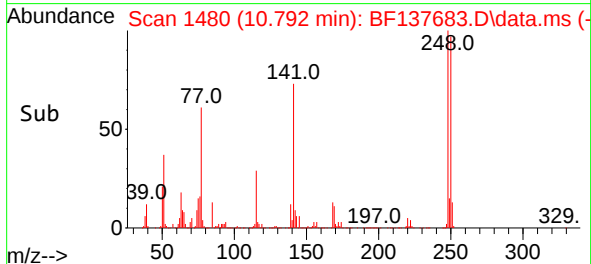
Tgt Ion:248 Resp: 28110
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 73.5 53.4 80.0

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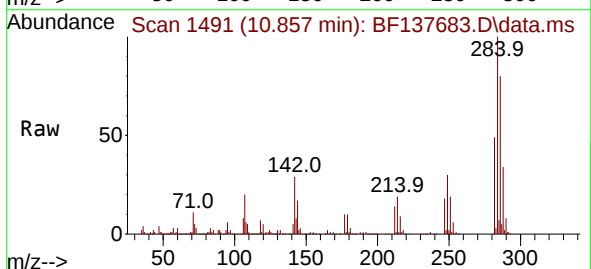
Reviewed By :Yogesh
Patel

03/26/2024
Supervised By :mohammad
ahmed

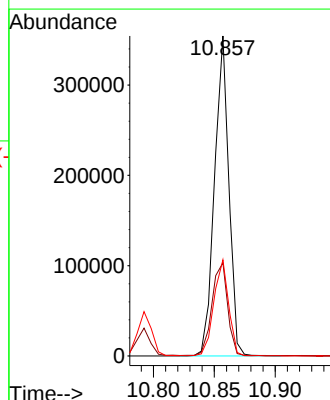
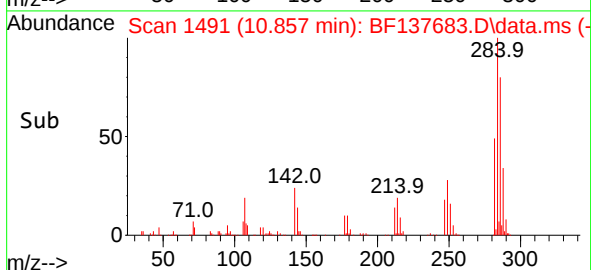
03/26/2024

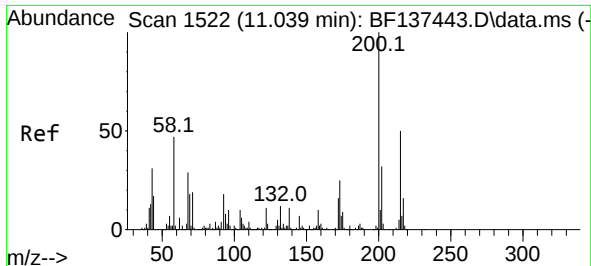


#68
Hexachlorobenzene
Concen: 46.257 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56



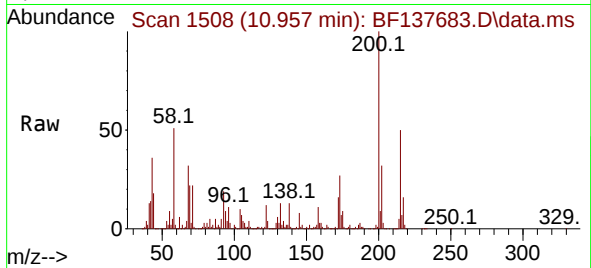
Tgt Ion:284 Resp: 289184
Ion Ratio Lower Upper
284 100
142 29.1 29.4 44.0#
249 30.0 25.0 37.4





#69
Atrazine
Concen: 45.674 ng
RT: 10.957 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



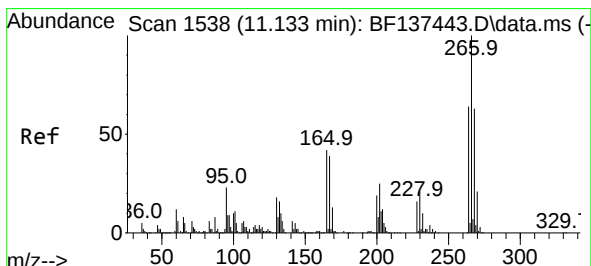
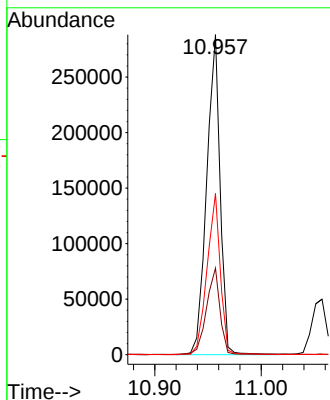
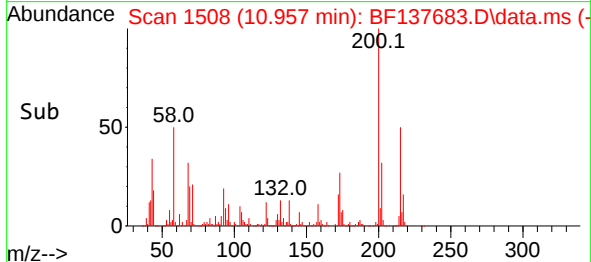
Tgt Ion:200 Resp: 254080
Ion Ratio Lower Upper
200 100
173 27.1 5.1 45.1
215 50.3 30.4 70.4

Manual Integrations
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Reviewed By :Yogesh
Patel

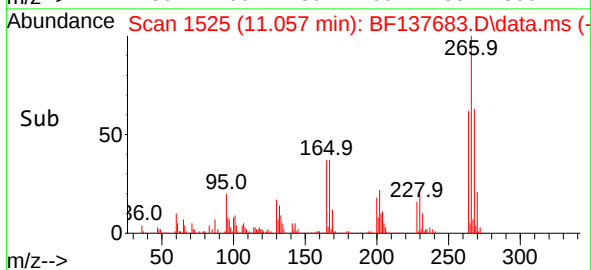
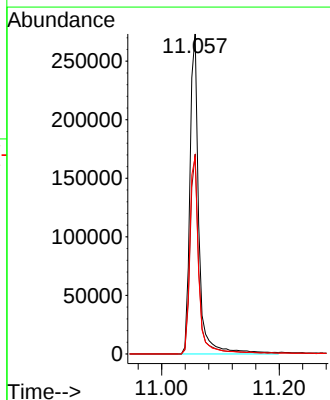
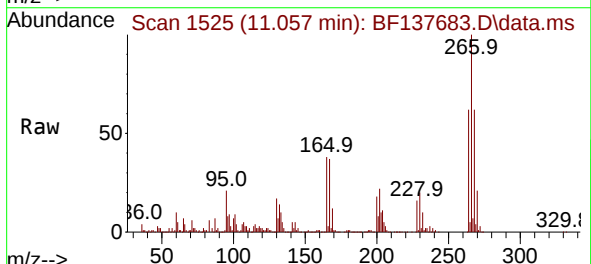
03/26/2024
Supervised By :mohammad
ahmed

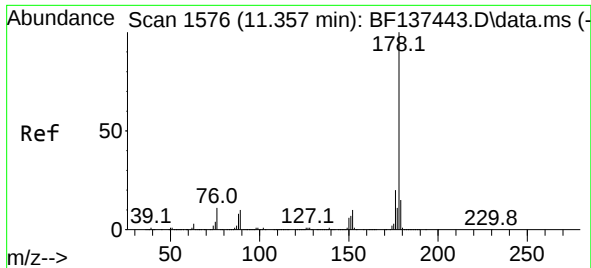
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#70
Pentachlorophenol
Concen: 76.626 ng
RT: 11.057 min Scan# 1525
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

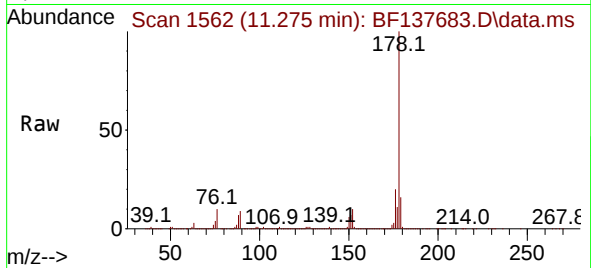
Tgt Ion:266 Resp: 289589
Ion Ratio Lower Upper
266 100
268 62.5 50.2 75.2
264 61.6 50.9 76.3





#71
Phenanthrene
Concen: 40.752 ng
RT: 11.275 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



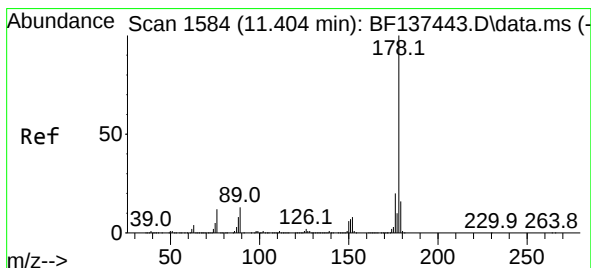
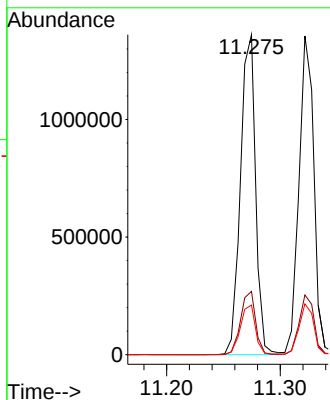
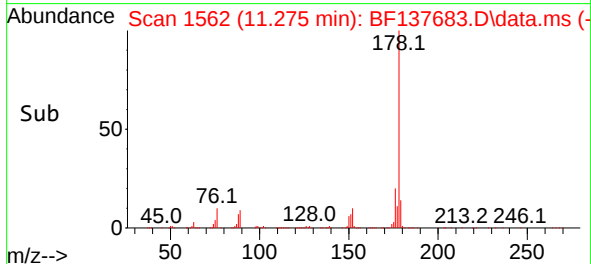
Tgt Ion:178 Resp: 1260348
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.5 12.2 18.2

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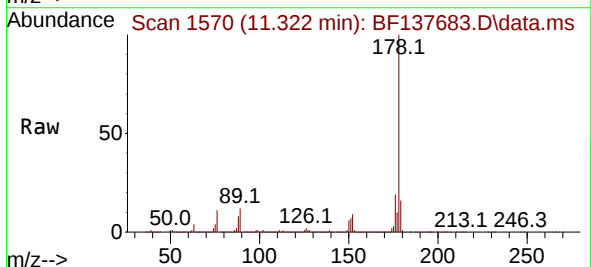
Reviewed By :Yogesh
Patel

03/26/2024
Supervised By :mohammad
ahmed

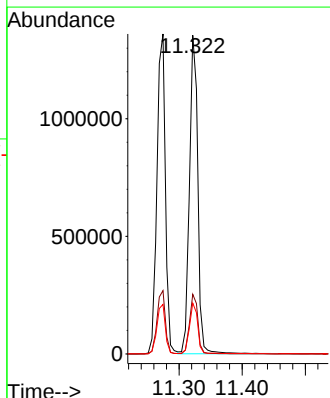
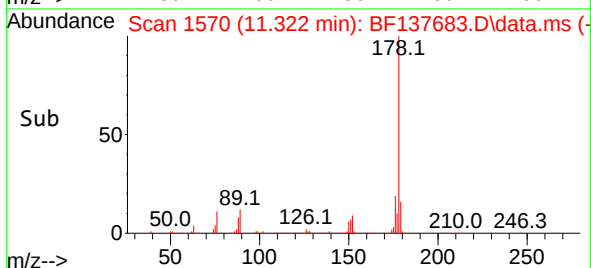
03/26/2024

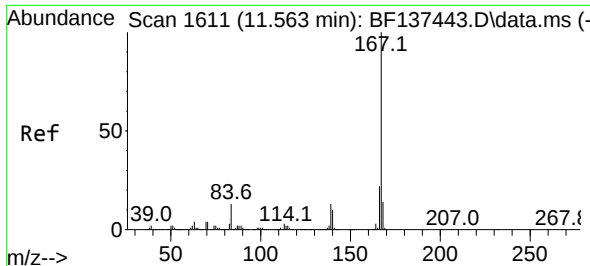


#72
Anthracene
Concen: 39.493 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56



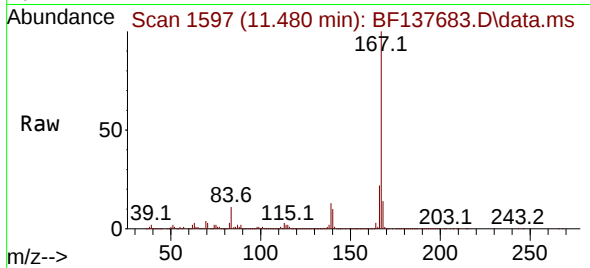
Tgt Ion:178 Resp: 1254465
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 37.959 ng
 RT: 11.480 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF137683.D
 Acq: 22 Mar 2024 15:56

Instrument :
 BNA_F
 ClientSampleId :
 72-11933MSD



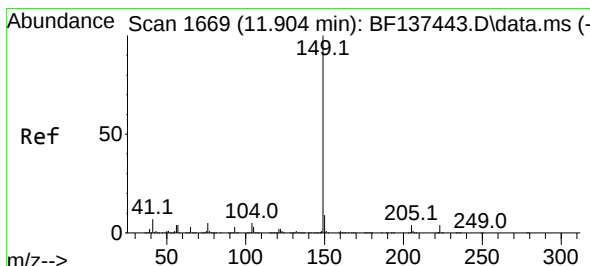
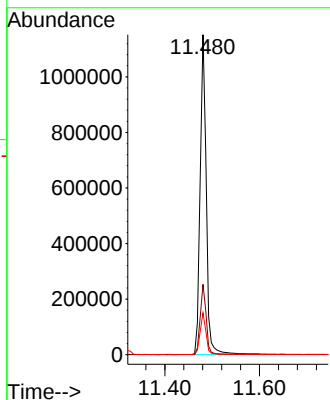
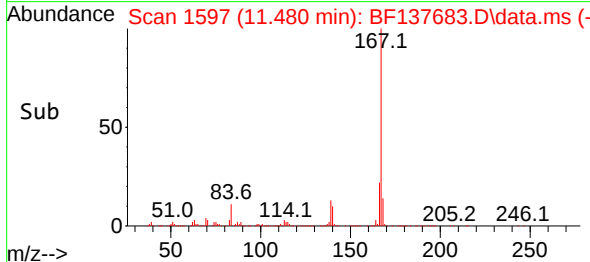
Tgt Ion:167 Resp: 1032780
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.1 10.5 15.7

Manual Integrations
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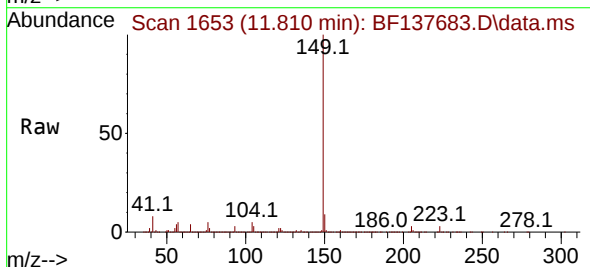
Reviewed By :Yogesh
 Patel

03/26/2024
 Supervised By :mohammad
 ahmed

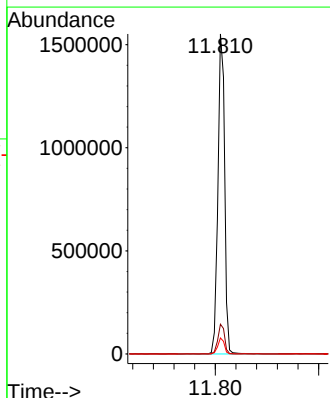
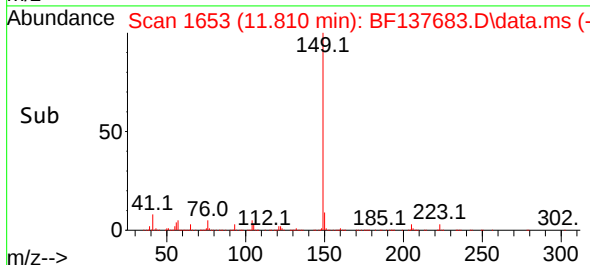
03/26/2024

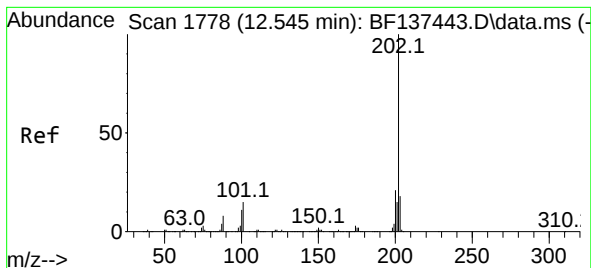


#74
 Di-n-butylphthalate
 Concen: 43.086 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF137683.D
 Acq: 22 Mar 2024 15:56



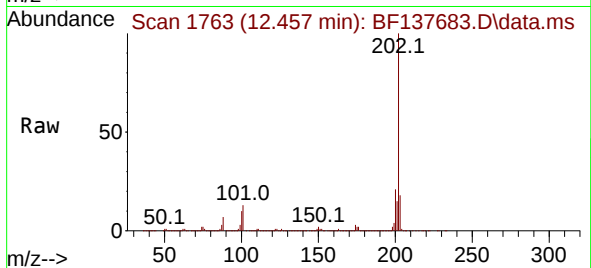
Tgt Ion:149 Resp: 1394746
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.0 3.8 5.6





#75
Fluoranthene
Concen: 39.052 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



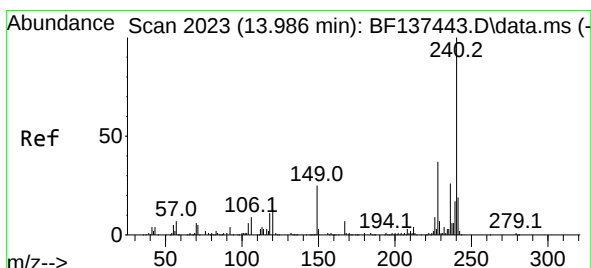
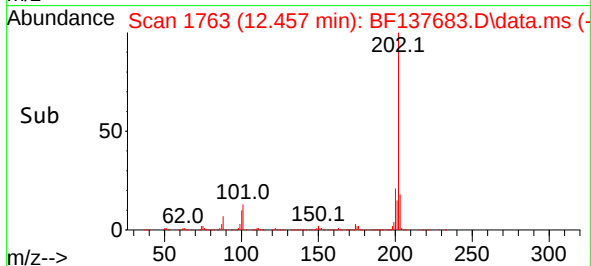
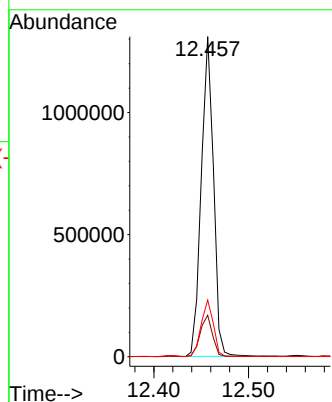
Tgt Ion:202 Resp: 118057
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.0
203 17.7 0.0 37.7

Manual Integrations
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Reviewed By :Yogesh
Patel

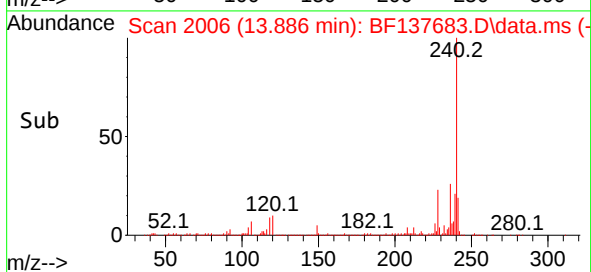
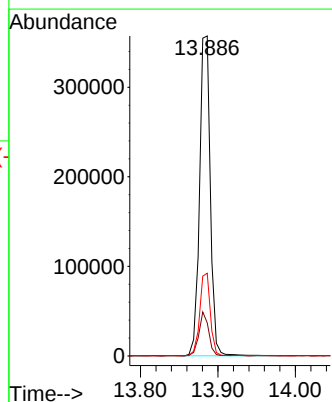
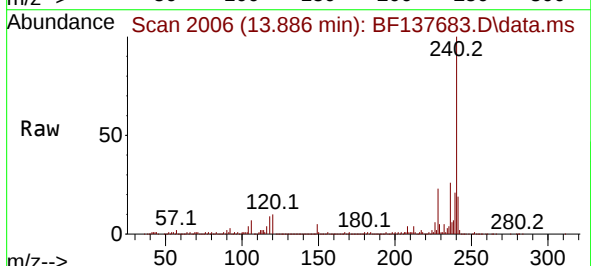
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Supervised By :mohammad
ahmed

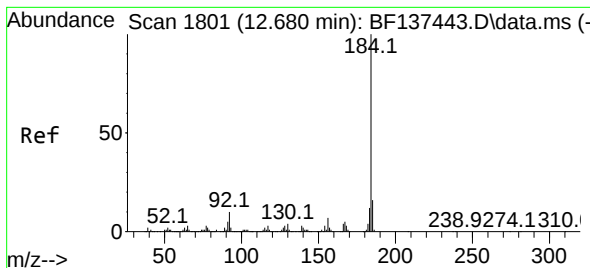
03/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:240 Resp: 343820
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6#
236 25.8 20.9 31.3





#77

Benzidine

Concen: 50.762 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:184 Resp: 427111
 Ion Ratio Lower Upper
 184 100
 185 14.7 13.2 19.8
 183 11.5 9.3 13.9

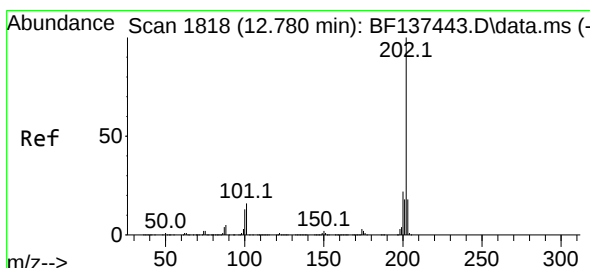
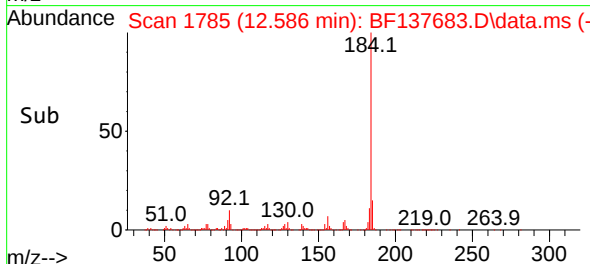
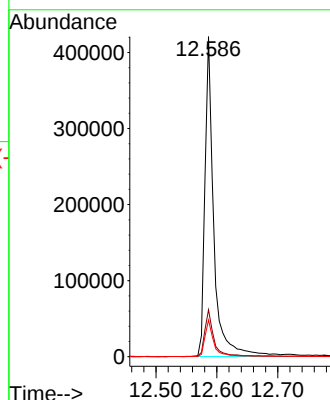
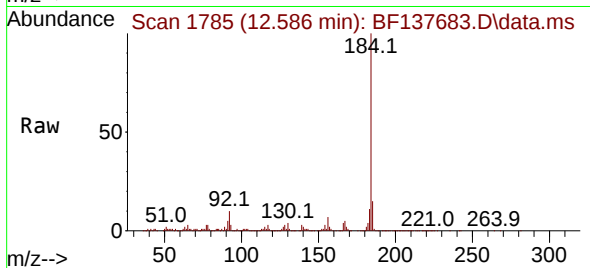
Manual Integrations
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Reviewed By :Yogesh
 Patel

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Supervised By :mohammad
 ahmed

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#78

Pyrene

Concen: 34.351 ng

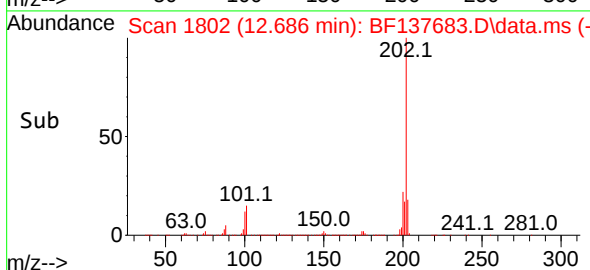
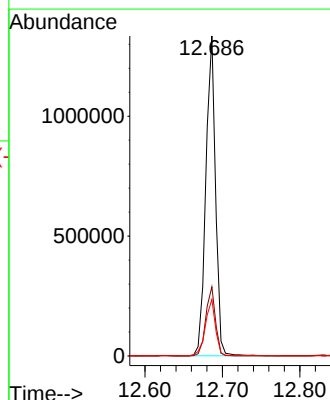
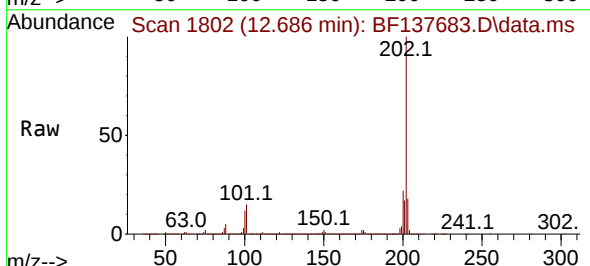
RT: 12.686 min Scan# 1802

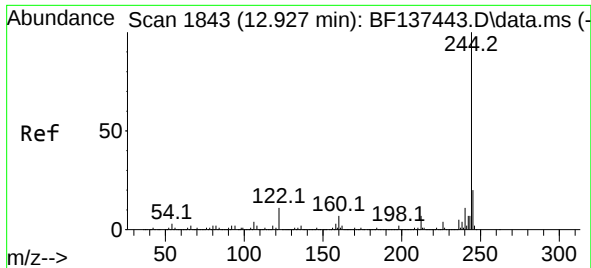
Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

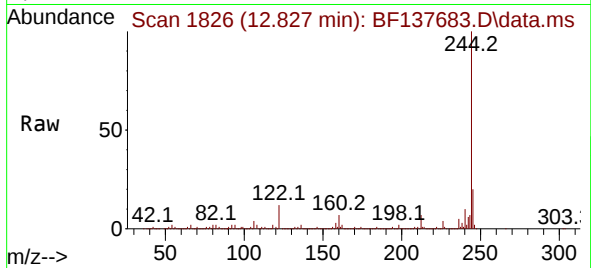
Tgt Ion:202 Resp: 1158870
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.7 14.1 21.1





#79
Terphenyl-d14
Concen: 33.265 ng
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



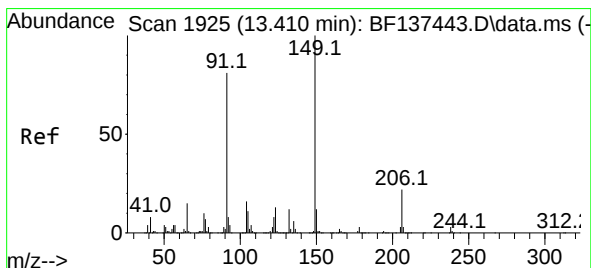
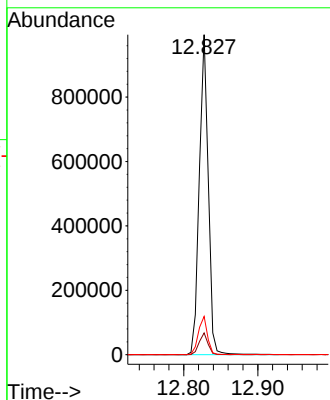
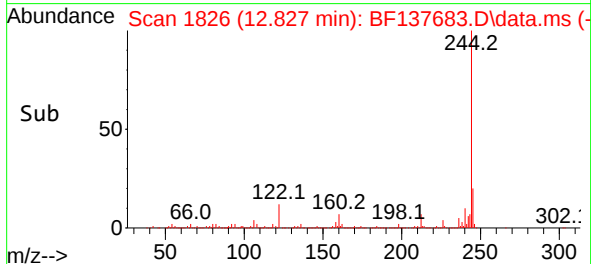
Tgt Ion:244 Resp: 831735
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 12.0 9.1 13.7

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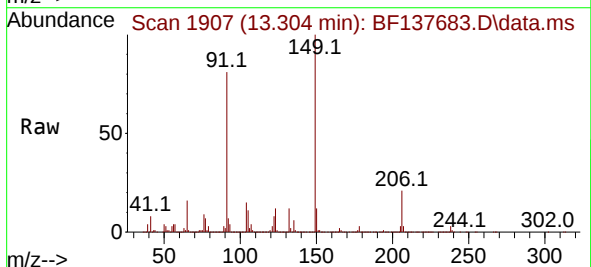
Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

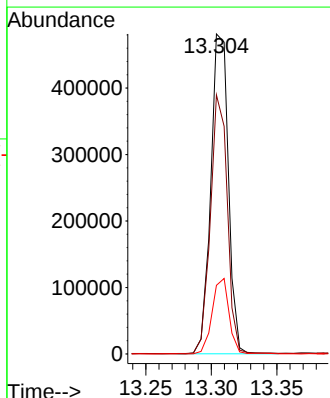
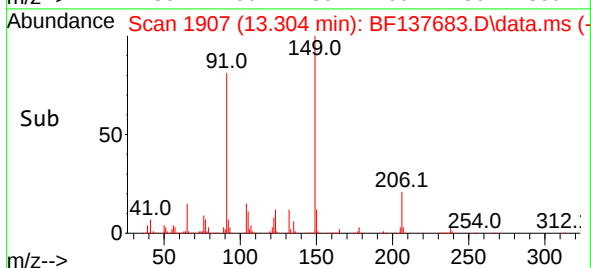
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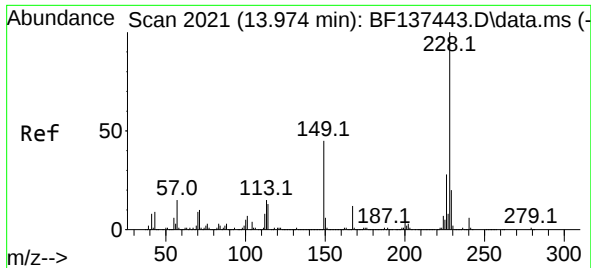


#80
Butylbenzylphthalate
Concen: 52.148 ng
RT: 13.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56



Tgt Ion:149 Resp: 449301
Ion Ratio Lower Upper
149 100
91 81.0 64.7 97.1
206 21.4 17.5 26.3





#81
Benzo(a)anthracene
Concen: 41.703 ng
RT: 13.874 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:228 Resp: 1004950
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.3 16.3 24.5

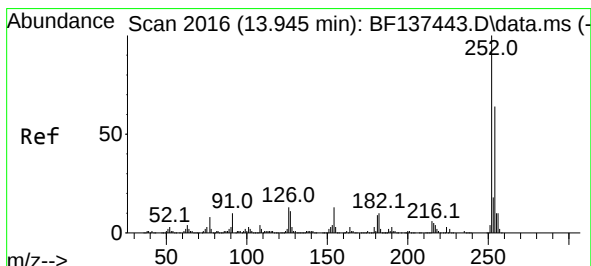
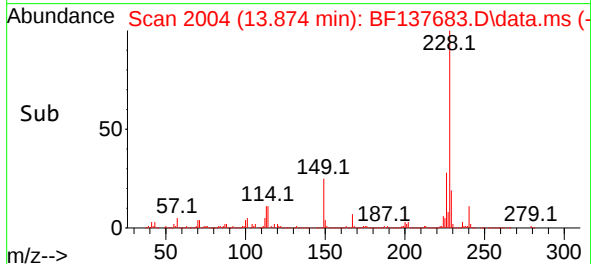
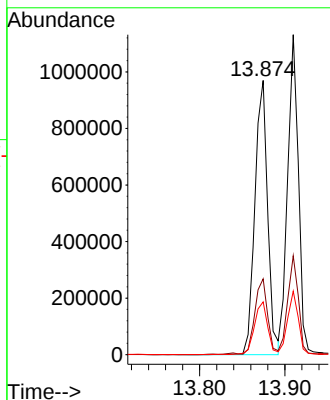
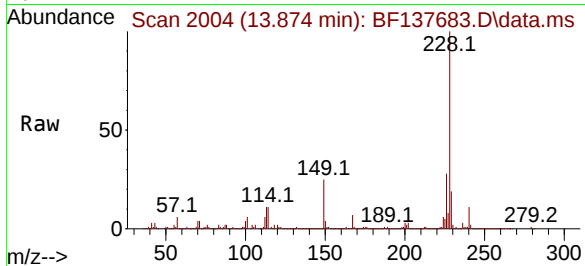
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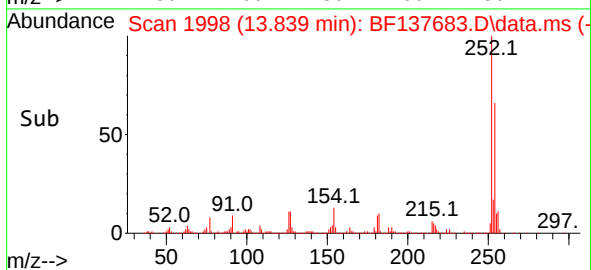
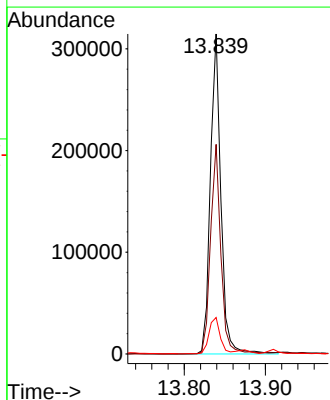
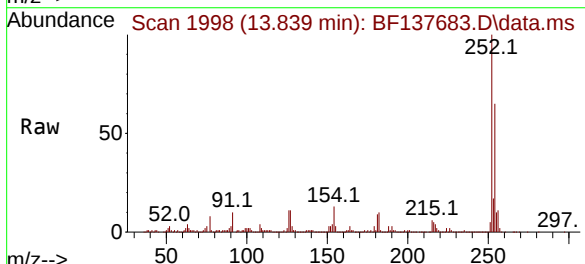
Supervised By :mohammad
ahmed

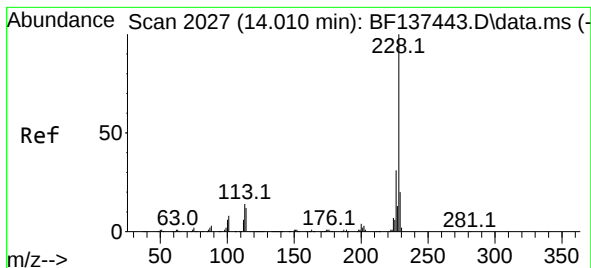
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#82
3,3'-Dichlorobenzidine
Concen: 44.000 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:252 Resp: 282360
Ion Ratio Lower Upper
252 100
254 65.5 51.4 77.2
126 11.4 10.4 15.6





#83

Chrysene

Concen: 40.771 ng

RT: 13.910 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:228 Resp: 993004
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.7 37.1
 229 19.8 15.9 23.9

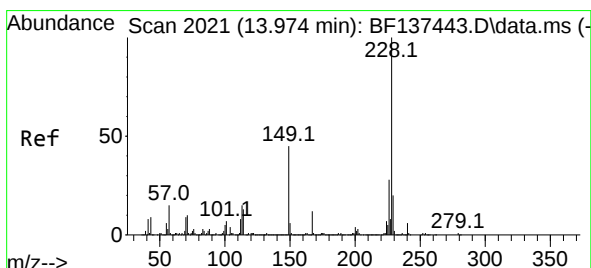
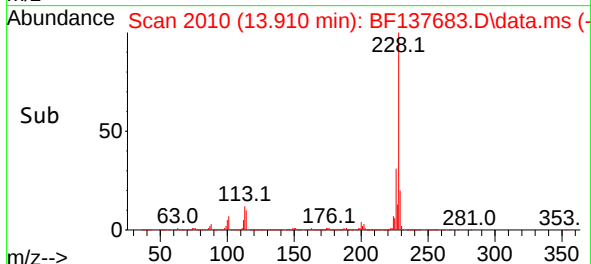
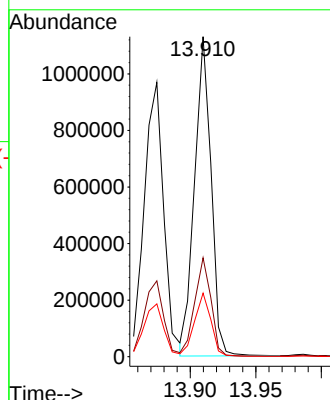
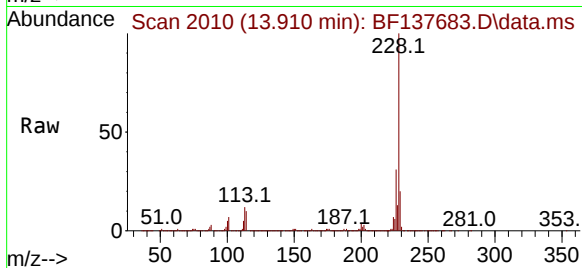
Manual Integrations
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Reviewed By :Yogesh
 Patel

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Supervised By :mohammad
 ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 55.883 ng

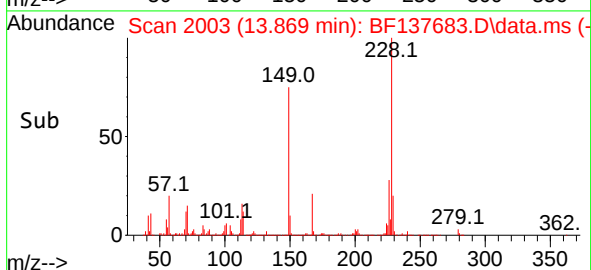
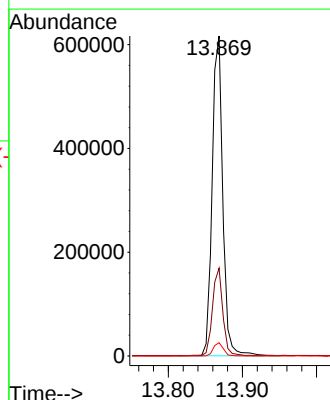
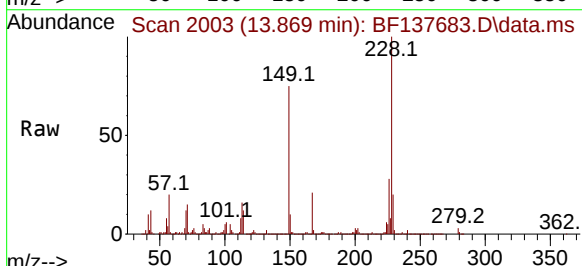
RT: 13.869 min Scan# 2003

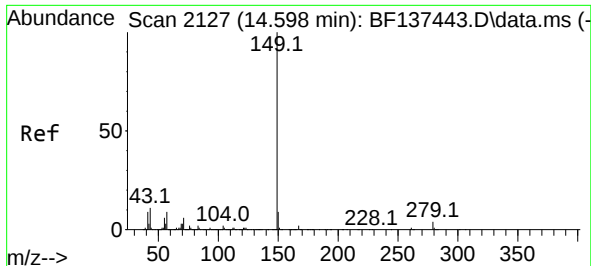
Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

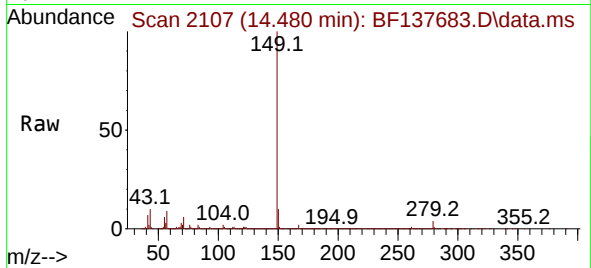
Tgt Ion:149 Resp: 611971
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.3 31.9
 279 4.1 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 53.832 ng
RT: 14.480 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



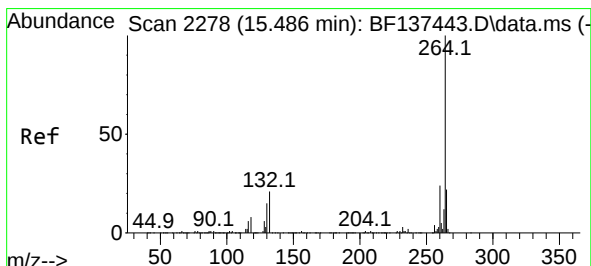
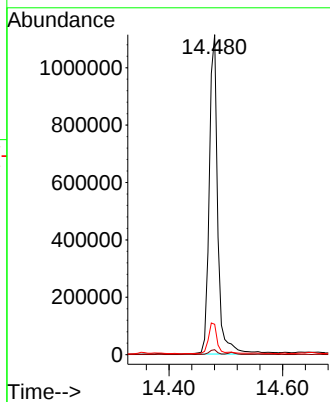
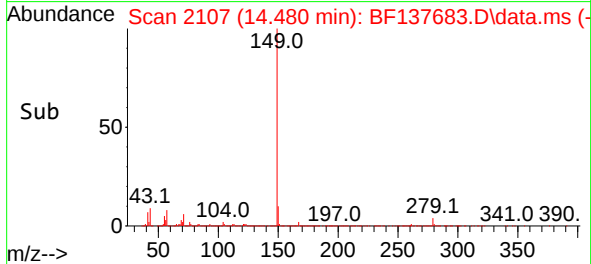
Tgt Ion:149 Resp: 1152428
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.1 9.6 14.4

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Patel

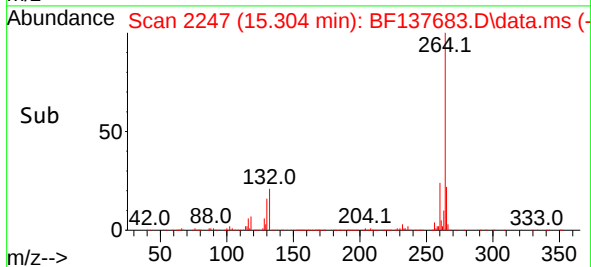
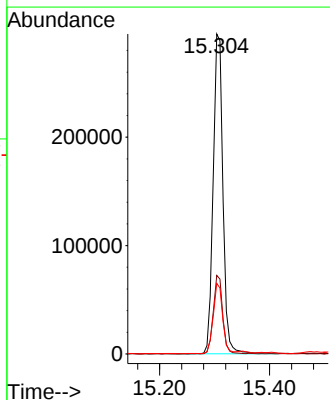
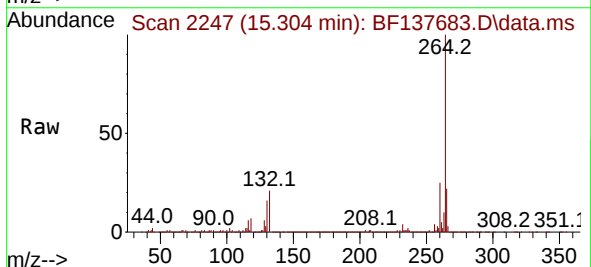
03/26/2024
Supervised By :mohammad
ahmed

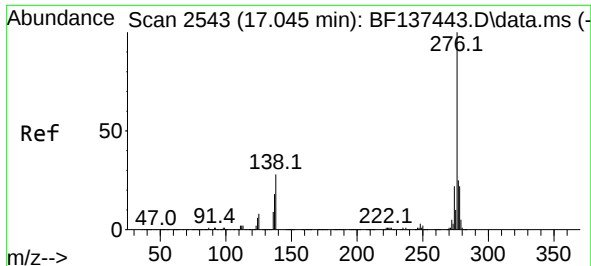
03/26/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

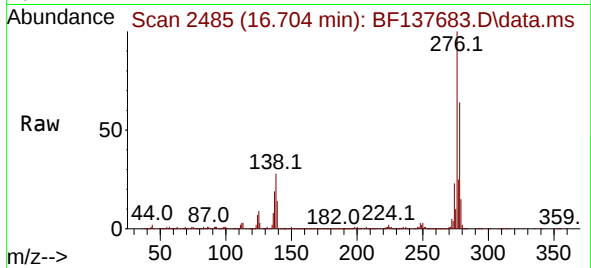
Tgt Ion:264 Resp: 364762
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 22.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.224 ng
RT: 16.704 min Scan# 2485
Delta R.T. 0.018 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



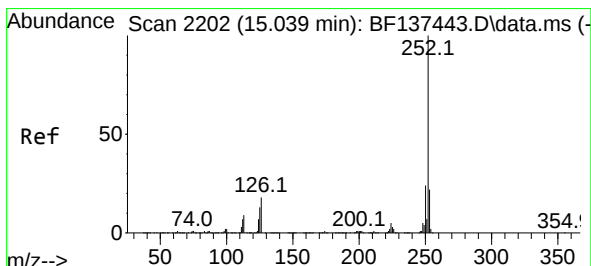
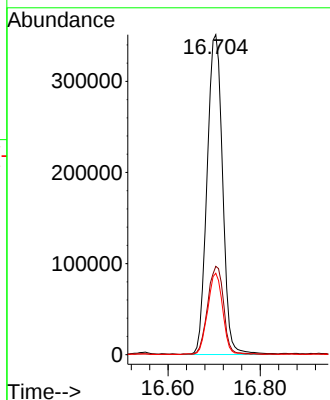
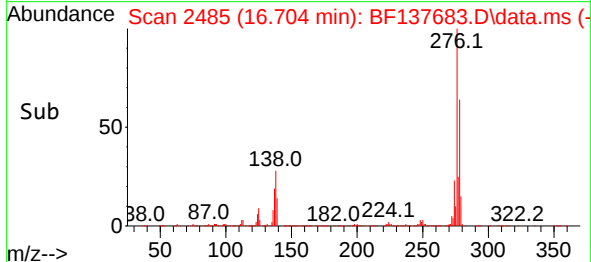
Tgt Ion:276 Resp: 821509
Ion Ratio Lower Upper
276 100
138 28.6 25.8 38.8
277 24.6 20.2 30.2

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Patel

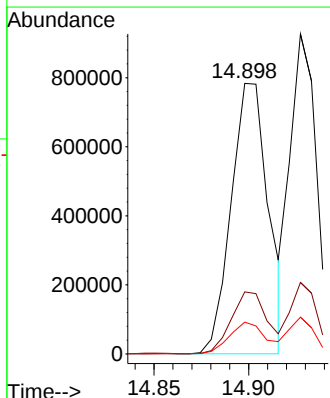
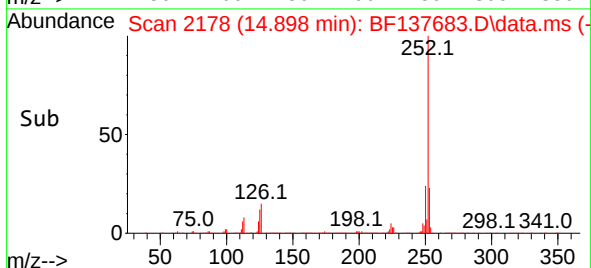
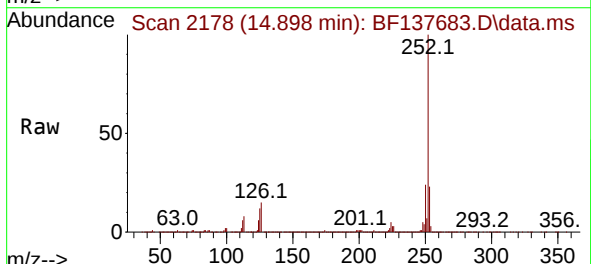
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Supervised By :mohammad
ahmed

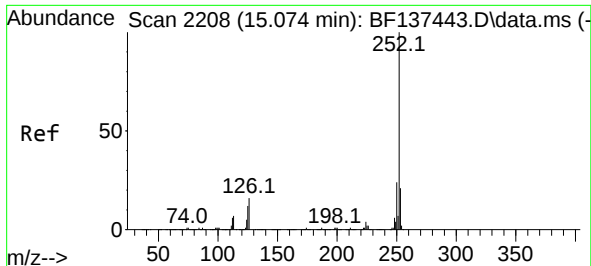
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#88
Benzo(b)fluoranthene
Concen: 49.602 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:252 Resp: 1070268
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.7 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 39.213 ng

RT: 14.927 min Scan# 2118

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

Tgt Ion:252 Resp: 90878

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 11.5 9.6 14.4

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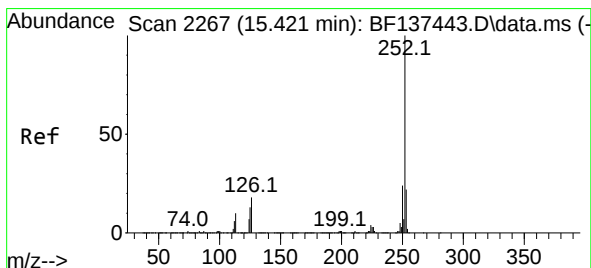
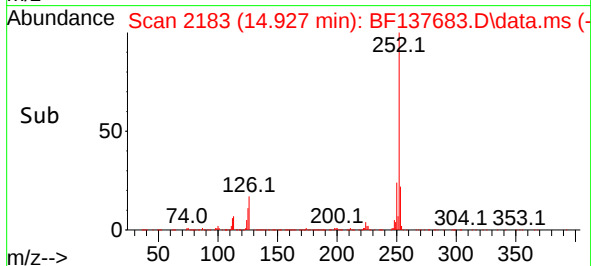
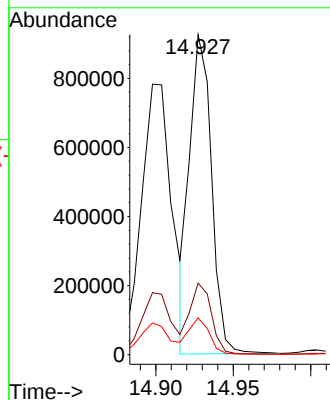
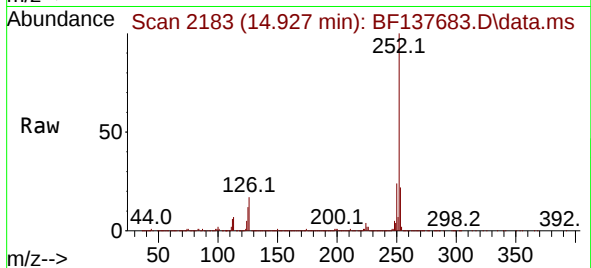
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#90

Benzo(a)pyrene

Concen: 42.583 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.012 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

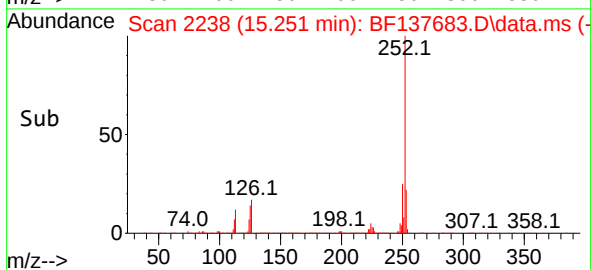
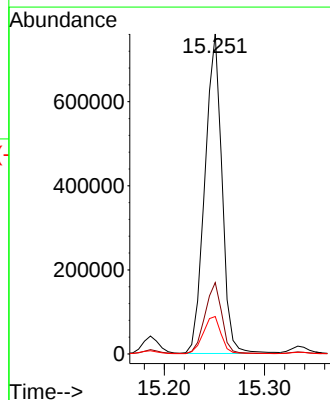
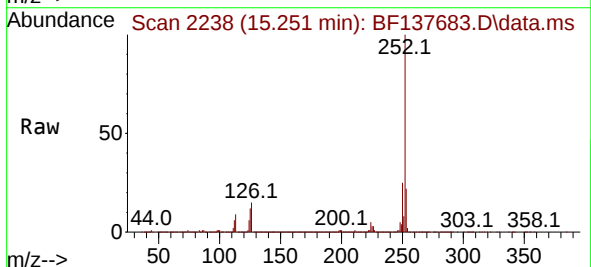
Tgt Ion:252 Resp: 905457

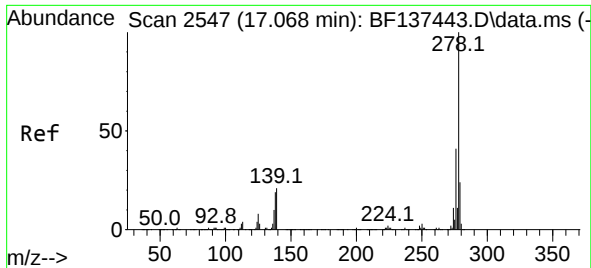
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

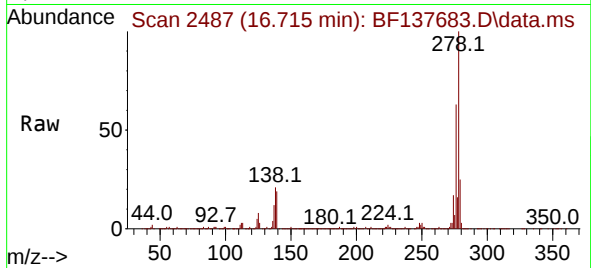
125 11.7 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 33.287 ng
RT: 16.715 min Scan# 24
Delta R.T. 0.018 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD



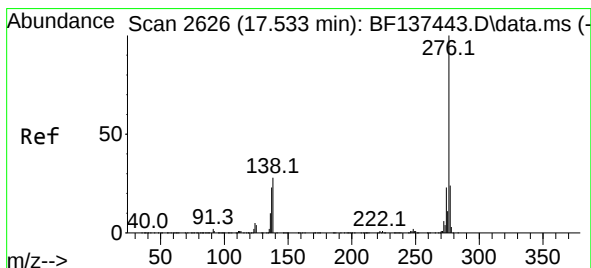
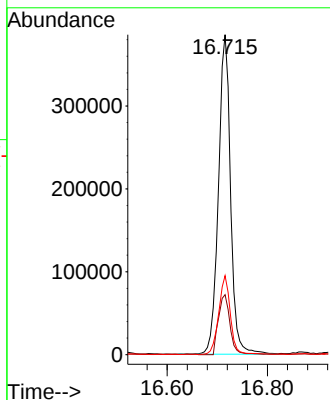
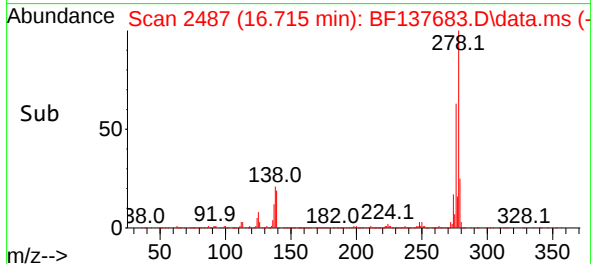
Tgt Ion:278 Resp: 648170
Ion Ratio Lower Upper
278 100
139 18.8 17.0 25.6
279 24.7 18.8 28.2

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Reviewed By :Yogesh
Patel

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ahmed

03/26/2024



#92
Benzo(g,h,i)perylene
Concen: 30.080 ng
RT: 17.121 min Scan# 2556
Delta R.T. 0.018 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:276 Resp: 601533
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.4
138 24.5 22.2 33.2

