

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137429.D
 Acq On : 28 Feb 2024 18:22
 Operator : CG\JU
 Sample : P1585-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS

Quant Time: Feb 29 03:13:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

02/29/2024
 Supervised By :mohammad
 ahmed

03/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	133531	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	543497	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	328567	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	630892	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	418571	20.000	ng	0.00
86) Perylene-d12	15.457	264	409131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1219691	140.942	ng	-0.01
7) Phenol-d6	6.422	99	1604745	126.061	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1075551	98.798	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	456313	159.484	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1864658	88.353	ng	-0.01
79) Terphenyl-d14	12.916	244	2586188	86.419	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.587	88	198430	41.857	ng	# 85
3) Pyridine	3.322	79	371614	31.412	ng	99
4) n-Nitrosodimethylamine	3.257	42	214441	47.132	ng	98
6) Aniline	6.451	93	352747	23.366	ng	94
8) 2-Chlorophenol	6.569	128	469768	50.612	ng	98
9) Benzaldehyde	6.339	77	26317	4.294	ng	94
10) Phenol	6.434	94	612717	43.979	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	498097	49.202	ng	97
12) 1,3-Dichlorobenzene	6.722	146	483931	48.551	ng	98
13) 1,4-Dichlorobenzene	6.798	146	479549	46.729	ng	99
14) 1,2-Dichlorobenzene	6.951	146	466060	49.098	ng	96
15) Benzyl Alcohol	6.928	79	442862	58.362	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.057	45	840175	49.930	ng	99
17) 2-Methylphenol	7.039	107	396650	45.166	ng	99
18) Hexachloroethane	7.286	117	162153	45.854	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	385225	49.108	ng	99
20) 3+4-Methylphenols	7.192	107	478676	47.822	ng	90
22) Acetophenone	7.192	105	661922	50.224	ng	# 95
24) Nitrobenzene	7.363	77	556062	50.269	ng	95
25) Isophorone	7.604	82	1104232	49.049	ng	99
26) 2-Nitrophenol	7.681	139	224900	52.892	ng	97
27) 2,4-Dimethylphenol	7.722	122	365206	44.109	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	645610	49.753	ng	100
29) 2,4-Dichlorophenol	7.922	162	409500	52.770	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	400888	48.130	ng	99
31) Naphthalene	8.081	128	1375157	47.148	ng	99
32) Benzoic acid	7.845	122	248018	48.816	ng	98
33) 4-Chloroaniline	8.139	127	113078	10.193	ng	96
34) Hexachlorobutadiene	8.198	225	231195	46.723	ng	98
35) Caprolactam	8.504	113	151220m	63.014	ng	
36) 4-Chloro-3-methylphenol	8.628	107	472623	53.722	ng	96
37) 2-Methylnaphthalene	8.775	142	884935	47.085	ng	98
38) 1-Methylnaphthalene	8.875	142	830232	46.723	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	416731	46.049	ng	98
41) Hexachlorocyclopentadiene	8.928	237	271507	66.172	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	305605	52.083	ng	98

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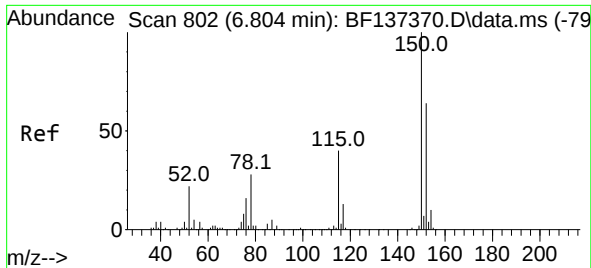
Reviewed By :Jagrut
 Upadhyay

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 Supervised By :mohammad
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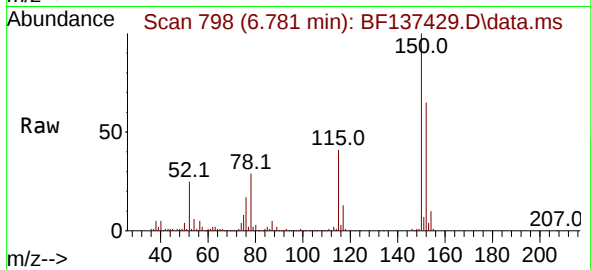
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	330410	49.083	ng	98
46) 1,1'-Biphenyl	9.245	154	1136080	47.474	ng	98
47) 2-Chloronaphthalene	9.269	162	887760	49.123	ng	97
48) 2-Nitroaniline	9.369	65	331114	59.235	ng	98
49) Acenaphthylene	9.680	152	1512374	51.507	ng	100
50) Dimethylphthalate	9.551	163	1173836	51.702	ng	98
51) 2,6-Dinitrotoluene	9.610	165	246805	58.433	ng	# 87
52) Acenaphthene	9.857	154	842979	48.095	ng	99
53) 3-Nitroaniline	9.780	138	186374	39.078	ng	96
54) 2,4-Dinitrophenol	9.886	184	226310	105.612	ng	95
55) Dibenzofuran	10.027	168	1321102	48.768	ng	98
56) 4-Nitrophenol	9.951	139	389385	107.095	ng	95
57) 2,4-Dinitrotoluene	10.016	165	338136	62.981	ng	98
58) Fluorene	10.374	166	1026003	49.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	297838m	53.429	ng	
60) Diethylphthalate	10.257	149	1170226	55.207	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	489075	48.058	ng	98
62) 4-Nitroaniline	10.404	138	243496	54.551	ng	98
63) Azobenzene	10.527	77	1307482	51.555	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	165315	53.063	ng	82
66) n-Nitrosodiphenylamine	10.492	169	953161	46.519	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	325762	48.031	ng	# 92
68) Hexachlorobenzene	10.922	284	346833	49.434	ng	96
69) Atrazine	11.022	200	331334	59.921	ng	99
70) Pentachlorophenol	11.122	266	409501	92.121	ng	98
71) Phenanthrene	11.339	178	1659682	47.682	ng	100
72) Anthracene	11.392	178	1702676	47.467	ng	99
73) Carbazole	11.551	167	1577308	51.465	ng	99
74) Di-n-butylphthalate	11.886	149	1994180	65.028	ng	100
75) Fluoranthene	12.533	202	1741574	51.259	ng	98
77) Benzidine	12.668	184	57877	13.862	ng	98
78) Pyrene	12.763	202	1765335	44.603	ng	99
80) Butylbenzylphthalate	13.398	149	607142	82.291	ng	92
81) Benzo(a)anthracene	13.963	228	1468226	50.549	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	329491	48.579	ng	99
83) Chrysene	13.998	228	1460403	49.220	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	923551	94.813	ng	98
85) Di-n-octyl phthalate	14.586	149	1761117	90.418	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.962	276	1176996	41.798	ng	99
88) Benzo(b)fluoranthene	15.021	252	1327633	52.898	ng	99
89) Benzo(k)fluoranthene	15.057	252	1256405	47.762	ng	98
90) Benzo(a)pyrene	15.398	252	1141138	47.934	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	966203	41.830	ng	98
92) Benzo(g,h,i)perylene	17.421	276	890667	37.585	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137429.D
 Acq: 28 Feb 2024 18:22

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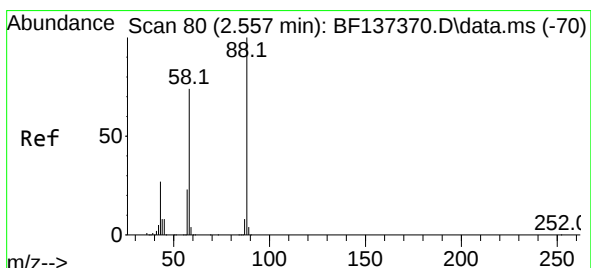
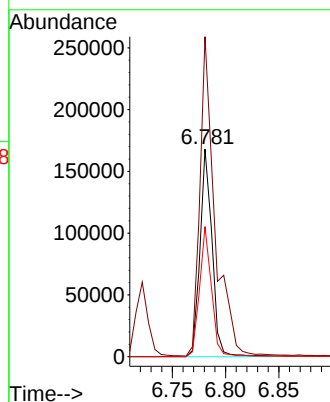
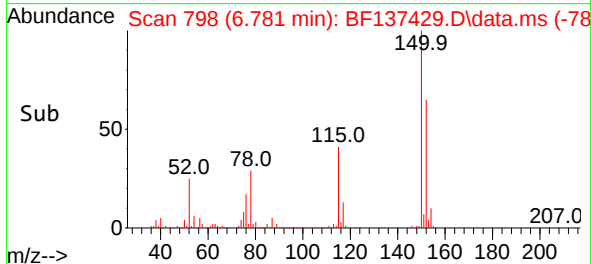
Tgt Ion:152 Resp: 13353
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.7 188.5
 115 62.6 49.8 74.8

Manual Integrations
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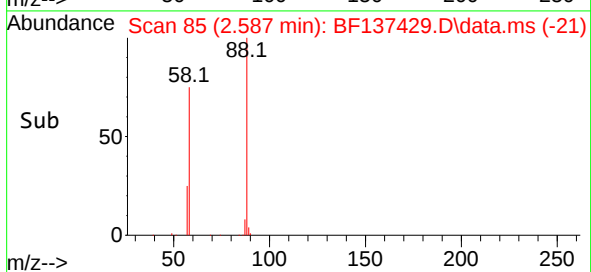
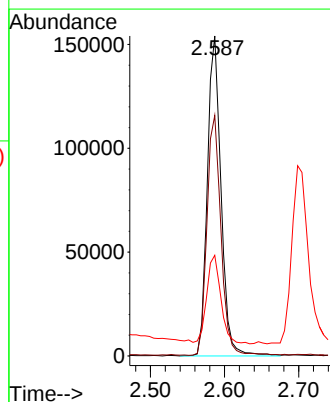
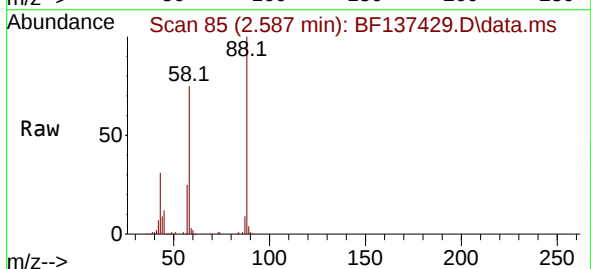
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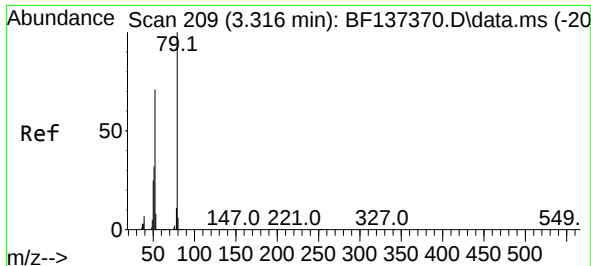
03/01/2024



#2
 1,4-Dioxane
 Concen: 41.857 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.029 min
 Lab File: BF137429.D
 Acq: 28 Feb 2024 18:22

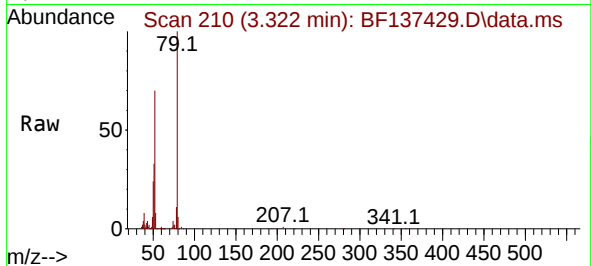
Tgt Ion: 88 Resp: 198430
 Ion Ratio Lower Upper
 88 100
 58 76.6 60.6 91.0
 43 0.0 22.0 33.0





#3
Pyridine
Concen: 31.412 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

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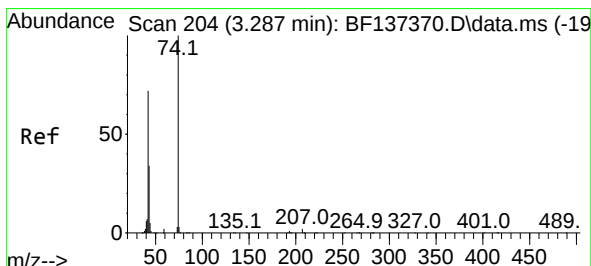
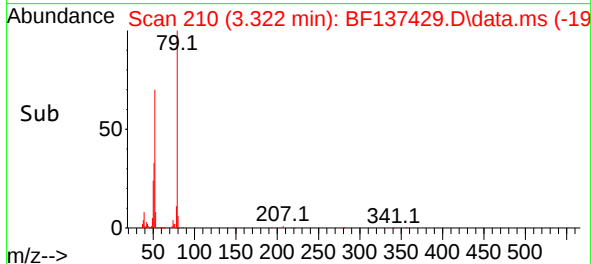
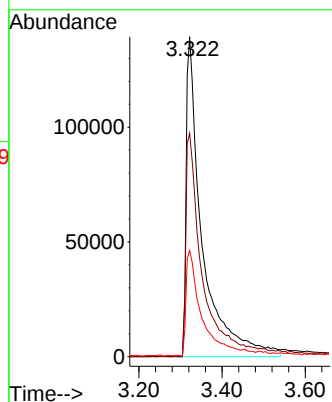
Tgt Ion: 79 Resp: 371614
Ion Ratio Lower Upper
79 100
52 69.8 56.5 84.7
51 33.2 26.2 39.2

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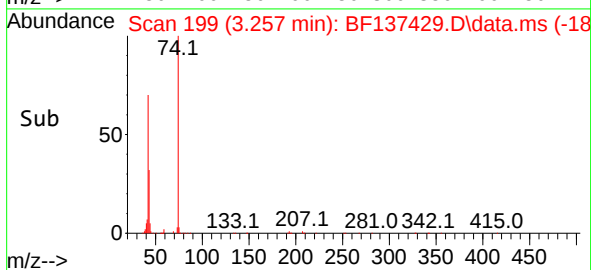
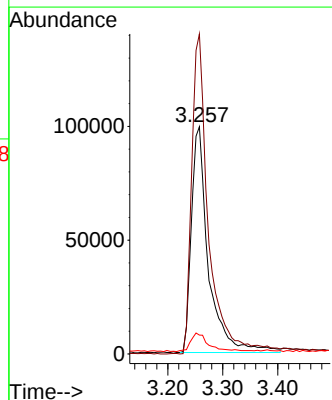
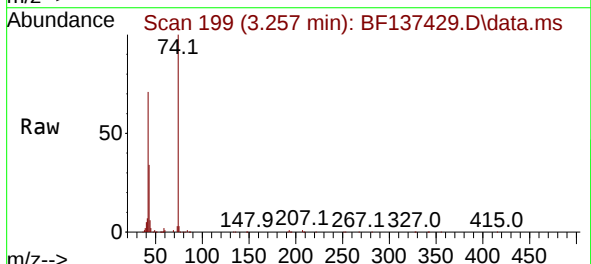
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Supervised By :mohammad
ahmed

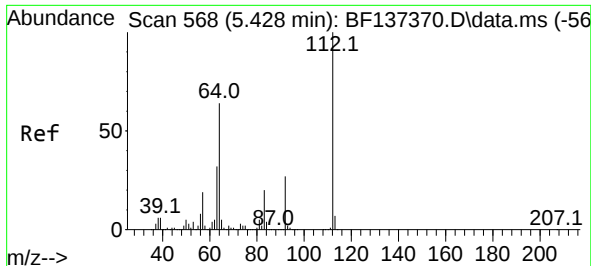
03/01/2024



#4
n-Nitrosodimethylamine
Concen: 47.132 ng
RT: 3.257 min Scan# 199
Delta R.T. -0.030 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion: 42 Resp: 214441
Ion Ratio Lower Upper
42 100
74 140.8 110.8 166.2
44 8.3 6.0 9.0





#5
2-Fluorophenol
Concen: 140.942 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:112 Resp: 121969
Ion Ratio Lower Upper
112 100
64 67.4 51.0 76.6
63 33.4 25.7 38.5

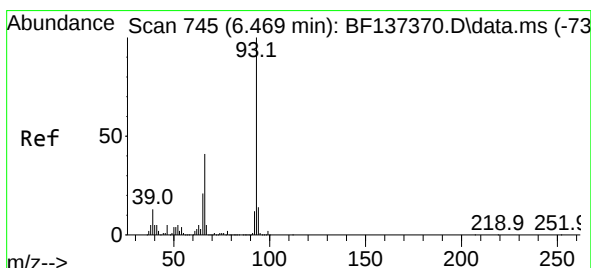
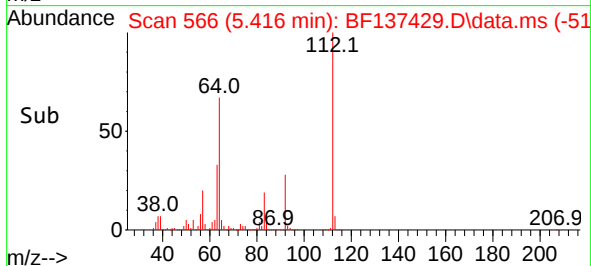
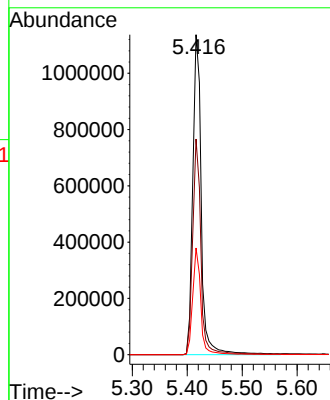
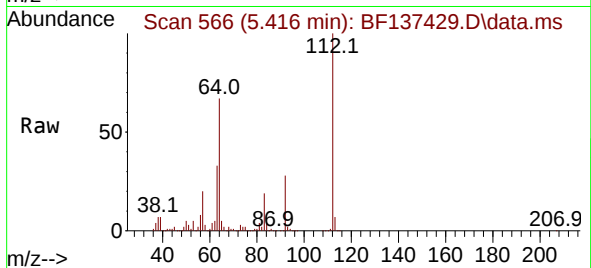
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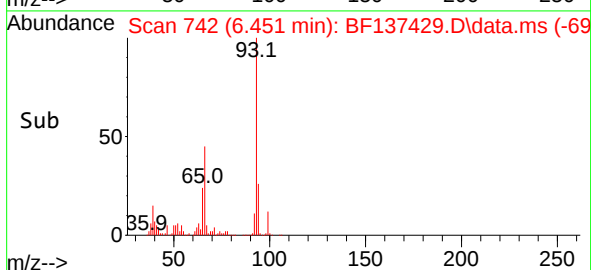
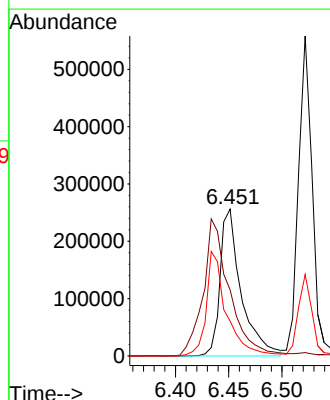
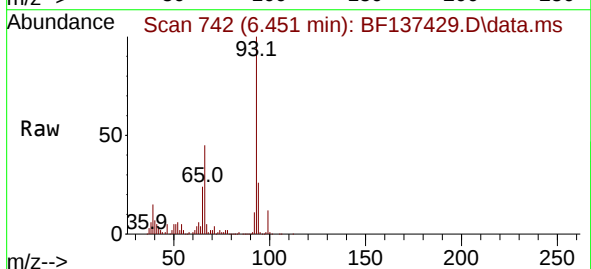
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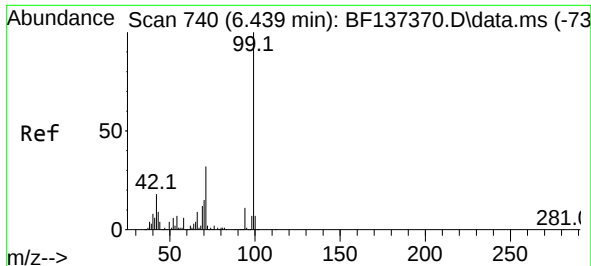
03/01/2024



#6
Aniline
Concen: 23.366 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

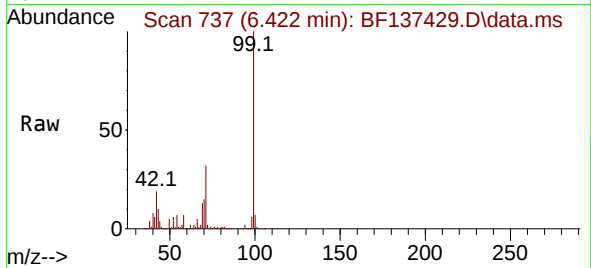
Tgt Ion: 93 Resp: 352747
Ion Ratio Lower Upper
93 100
66 45.0 33.0 49.4
65 23.8 17.0 25.6





#7
Phenol-d6
Concen: 126.061 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

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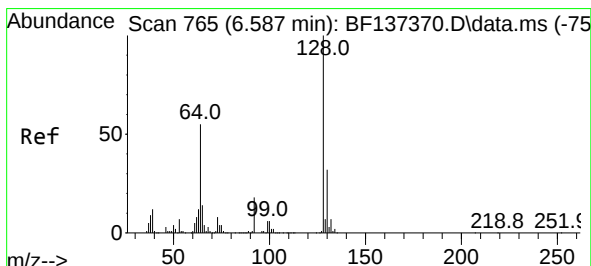
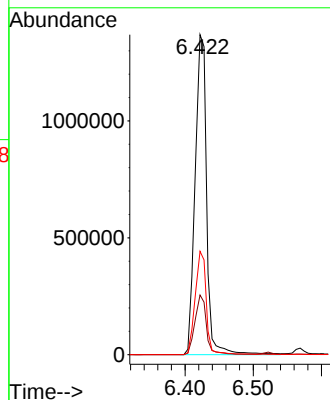
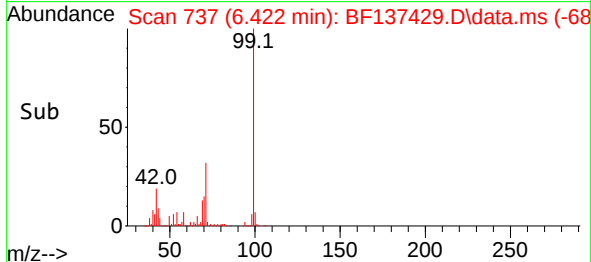
Tgt Ion: 99 Resp: 160474
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 32.3 25.2 37.8

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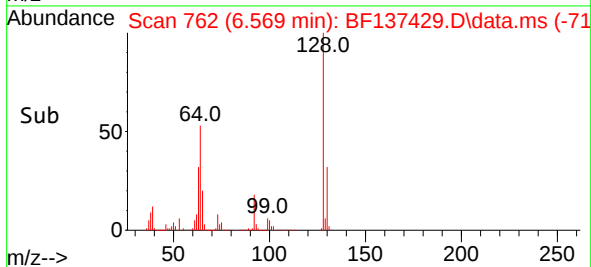
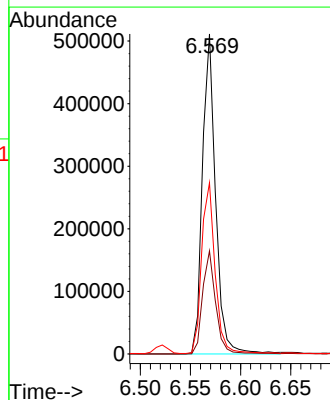
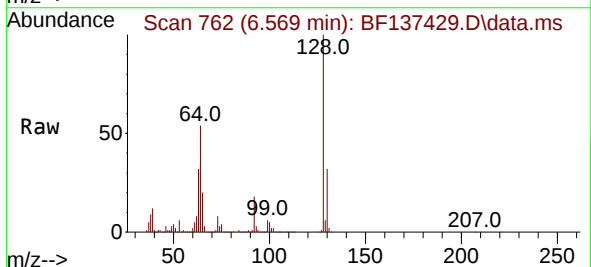
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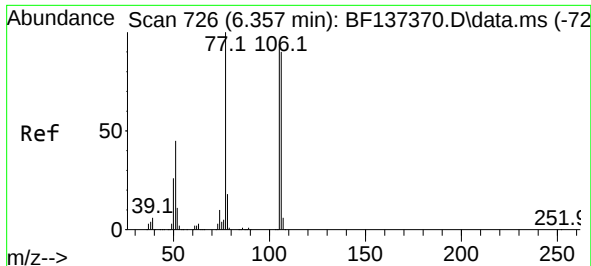
03/01/2024



#8
2-Chlorophenol
Concen: 50.612 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

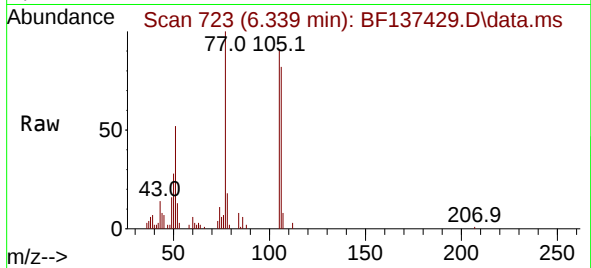
Tgt Ion:128 Resp: 469768
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 53.5 35.3 75.3





#9
Benzaldehyde
Concen: 4.294 ng
RT: 6.339 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



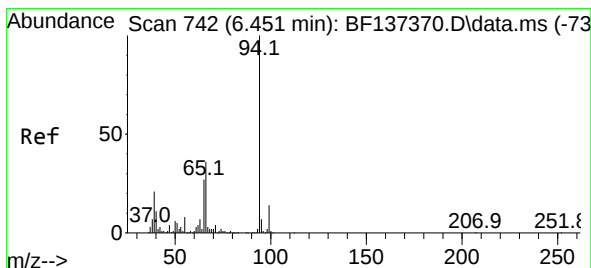
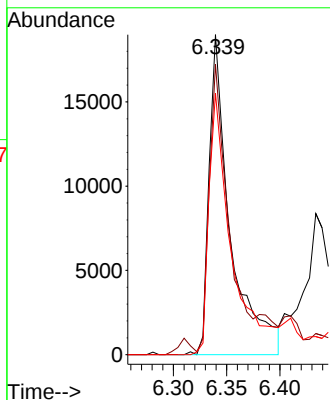
Tgt Ion: 77 Resp: 2631
Ion Ratio Lower Upper
77 100
105 90.8 74.1 114.1
106 81.7 70.2 110.2

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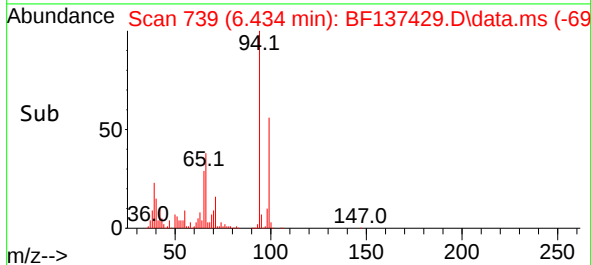
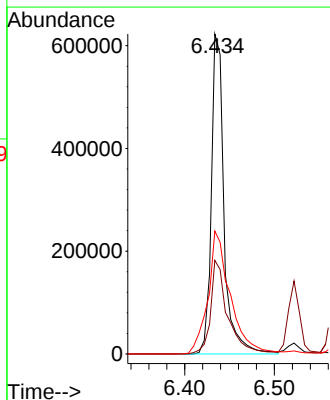
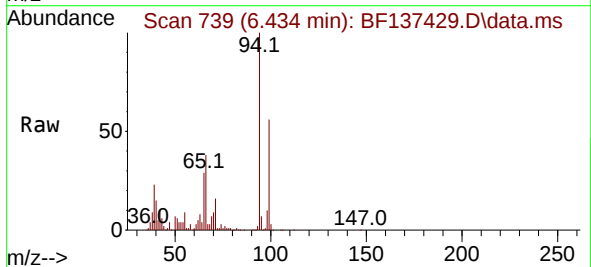
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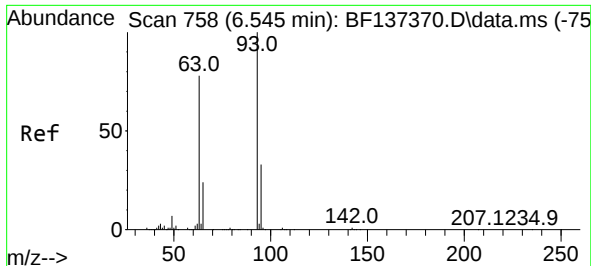
03/01/2024



#10
Phenol
Concen: 43.979 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

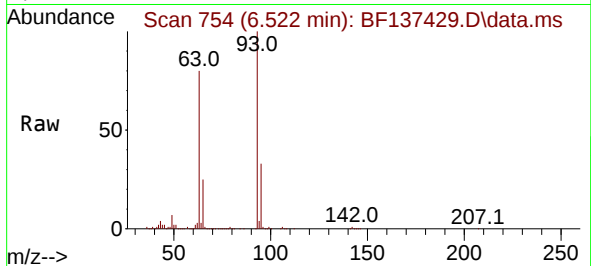
Tgt Ion: 94 Resp: 612717
Ion Ratio Lower Upper
94 100
65 29.3 7.4 47.4
66 38.4 15.6 55.6





#11
bis(2-Chloroethyl)ether
Concen: 49.202 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.024 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



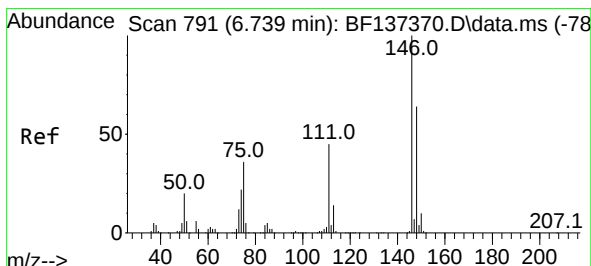
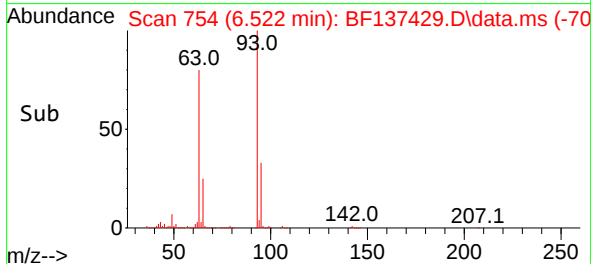
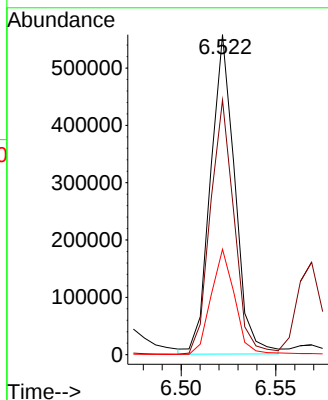
Tgt Ion: 93 Resp: 49809
Ion Ratio Lower Upper
93 100
63 79.6 56.1 96.1
95 33.0 12.7 52.7

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Upadhyay

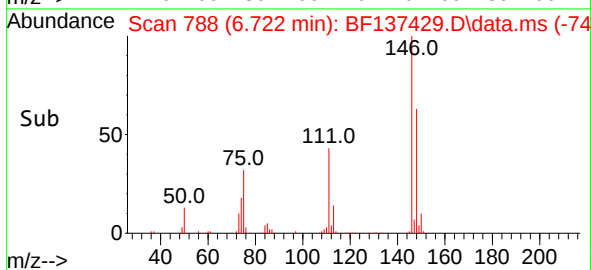
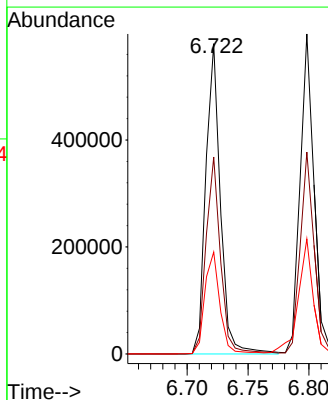
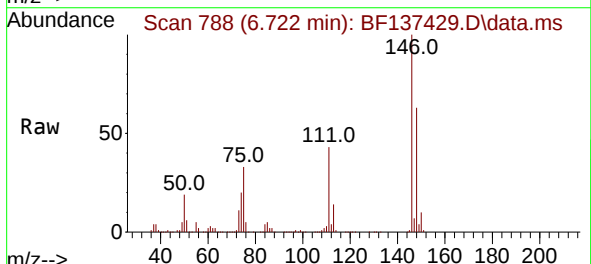
02/29/2024
Supervised By :mohammad
ahmed

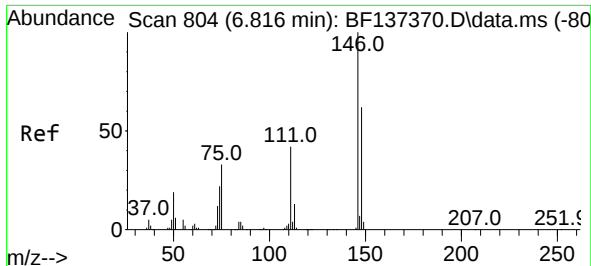
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#12
1,3-Dichlorobenzene
Concen: 48.551 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:146 Resp: 483931
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 32.8 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 46.729 ng

RT: 6.798 min Scan# 804

Delta R.T. -0.018 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:146 Resp: 479549

Ion Ratio Lower Upper

146 100

148 63.1 49.9 74.9

111 42.2 34.3 51.5

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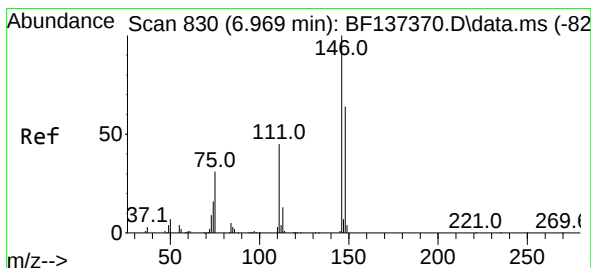
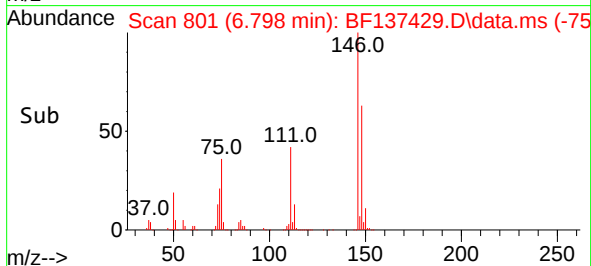
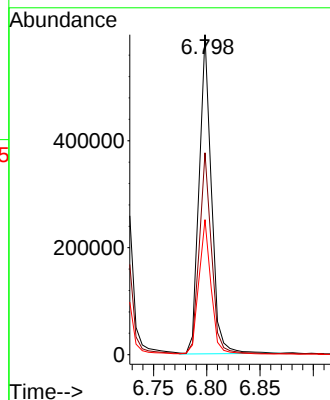
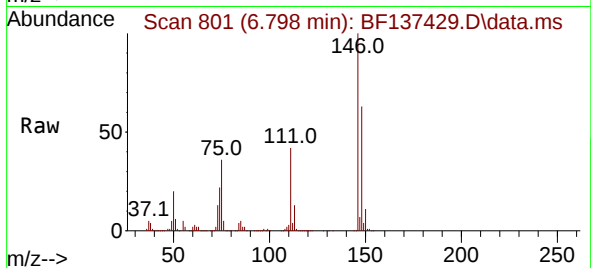
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Upadhyay

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Supervised By :mohammad
ahmed

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#14

1,2-Dichlorobenzene

Concen: 49.098 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

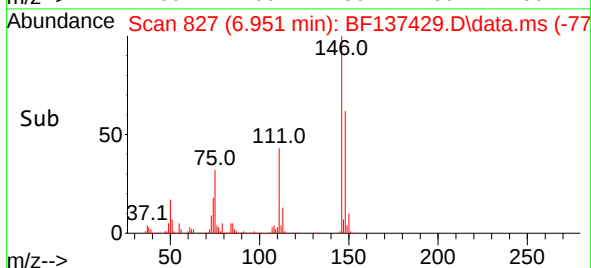
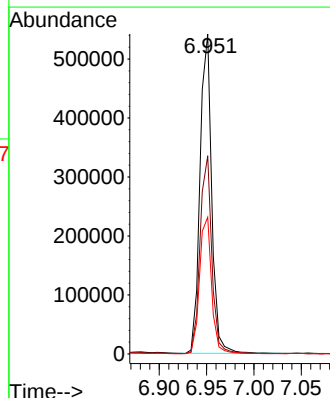
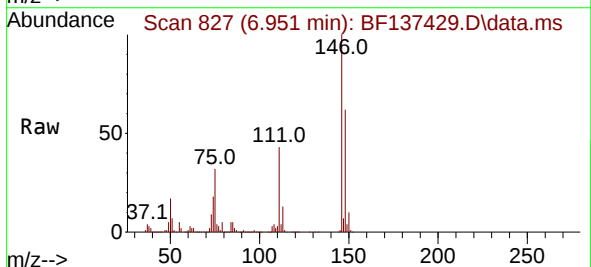
Tgt Ion:146 Resp: 466060

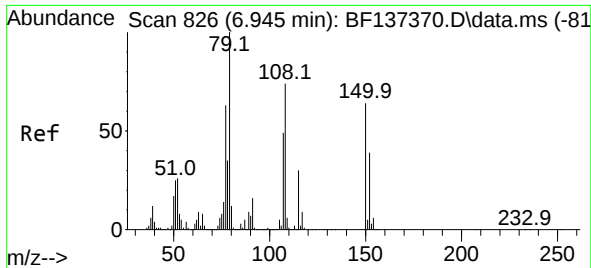
Ion Ratio Lower Upper

146 100

148 62.0 51.4 77.0

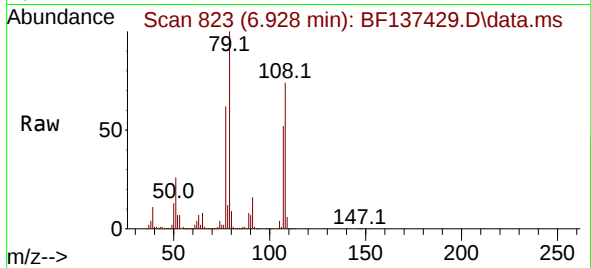
111 42.8 36.6 54.8





#15
Benzyl Alcohol
Concen: 58.362 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



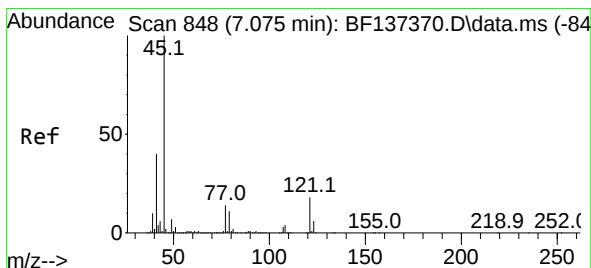
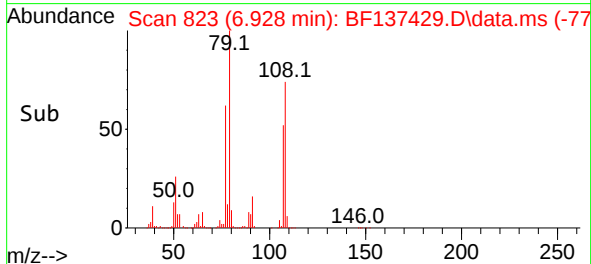
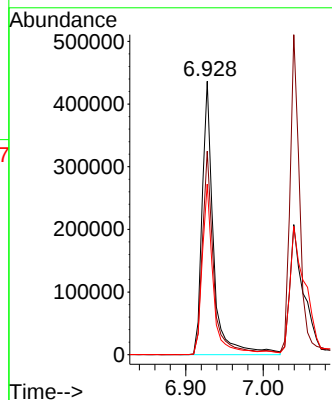
Tgt Ion: 79 Resp: 442862
Ion Ratio Lower Upper
79 100
108 74.5 59.5 89.3
77 62.4 50.5 75.7

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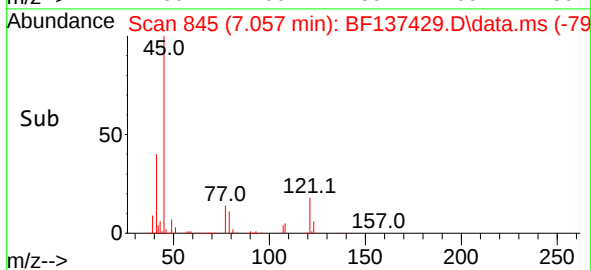
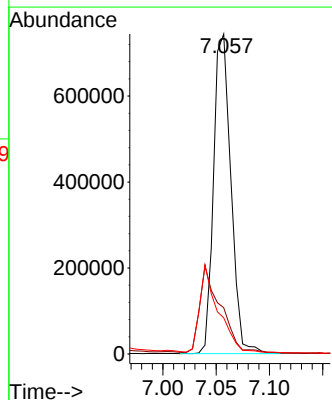
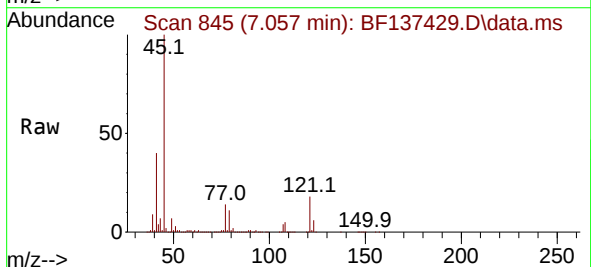
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Supervised By :mohammad
ahmed

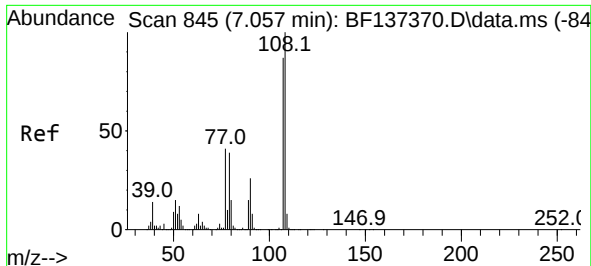
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.930 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

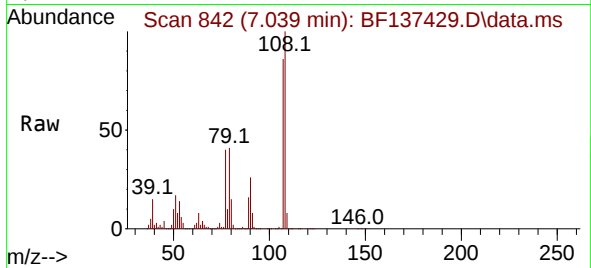
Tgt Ion: 45 Resp: 840175
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.6
79 11.3 0.0 31.6





#17
2-Methylphenol
Concen: 45.166 ng
RT: 7.039 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



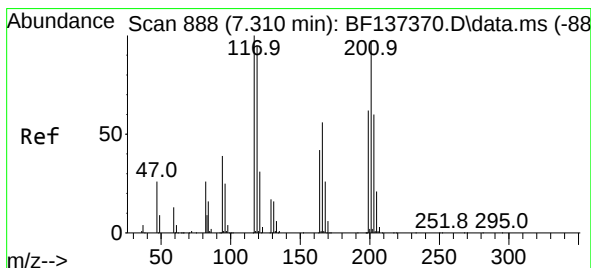
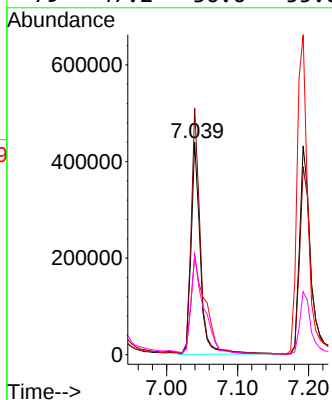
Tgt Ion:107 Resp: 396650
Ion Ratio Lower Upper
107 100
108 116.2 92.2 138.4
77 46.6 38.1 57.1
79 47.2 36.6 55.0

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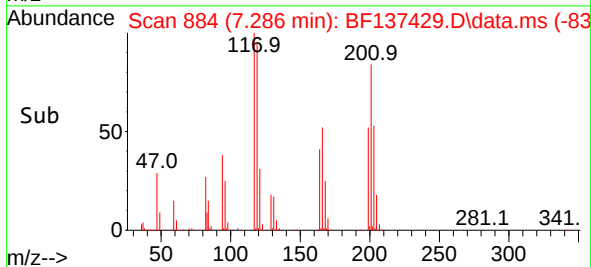
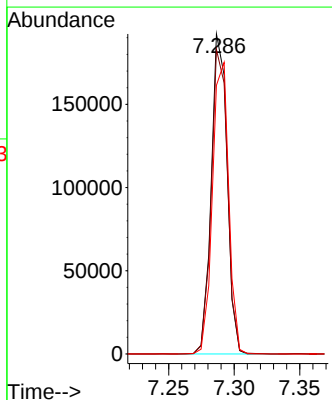
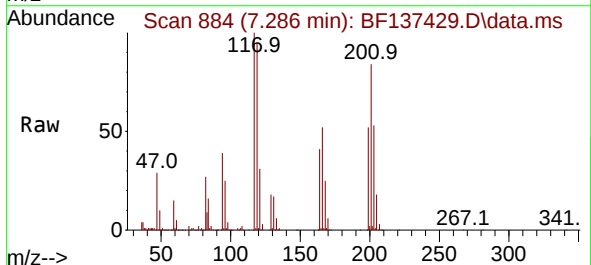
02/29/2024
Supervised By :mohammad
ahmed

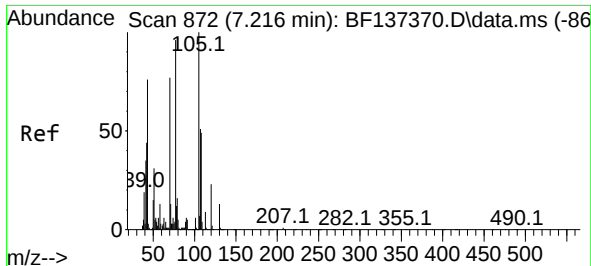
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#18
Hexachloroethane
Concen: 45.854 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.024 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

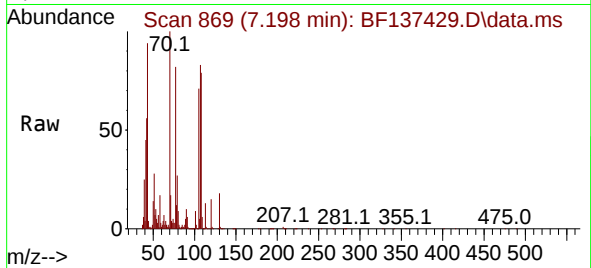
Tgt Ion:117 Resp: 162153
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4
201 84.0 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 49.108 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



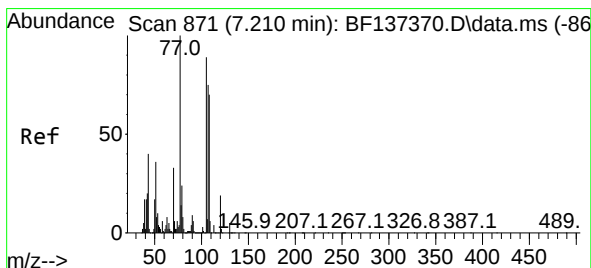
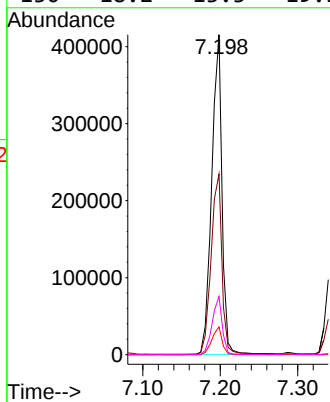
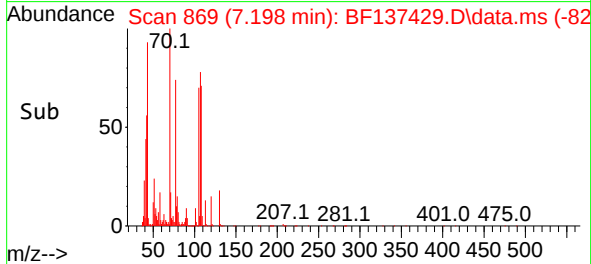
Tgt Ion: 70 Resp: 385225
Ion Ratio Lower Upper
70 100
42 56.5 45.3 67.9
101 8.7 6.5 9.7
130 18.2 13.3 19.9

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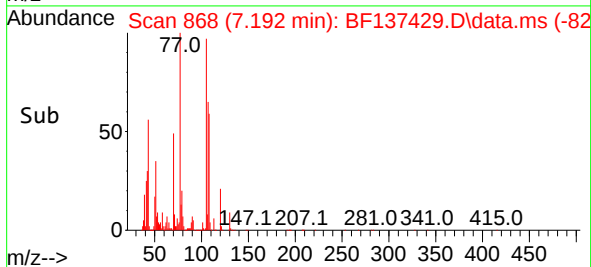
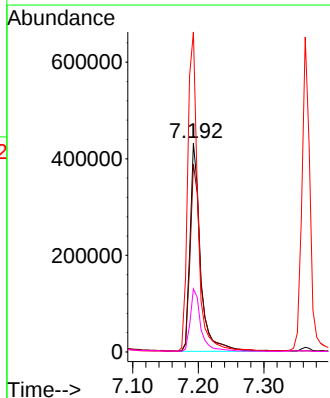
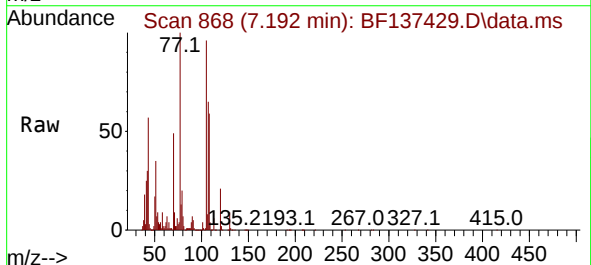
02/29/2024
Supervised By :mohammad
ahmed

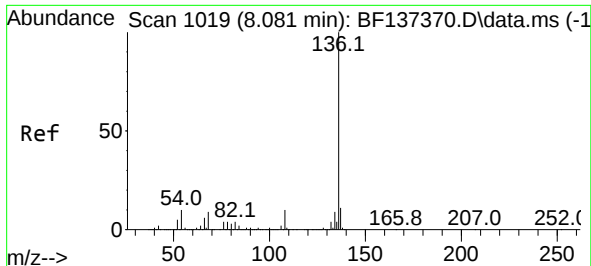
03/01/2024



#20
3+4-Methylphenols
Concen: 47.822 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

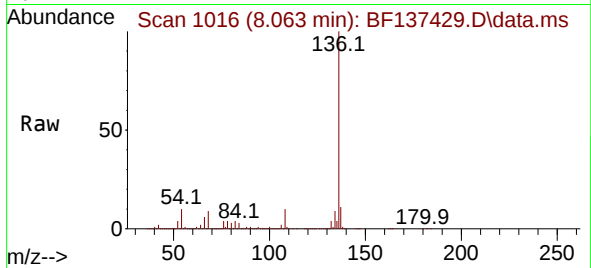
Tgt Ion:107 Resp: 478676
Ion Ratio Lower Upper
107 100
108 90.0 73.1 113.1
77 153.2 113.6 153.6
79 30.2 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



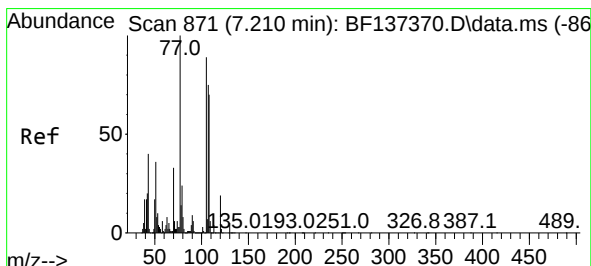
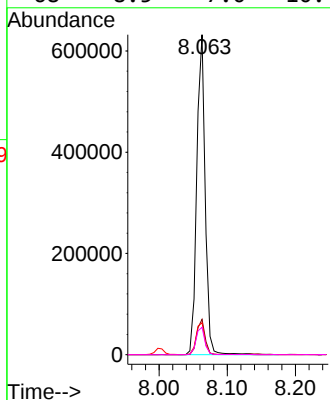
Tgt Ion:136 Resp: 54349
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.0 7.8 11.6
68 8.5 7.0 10.4

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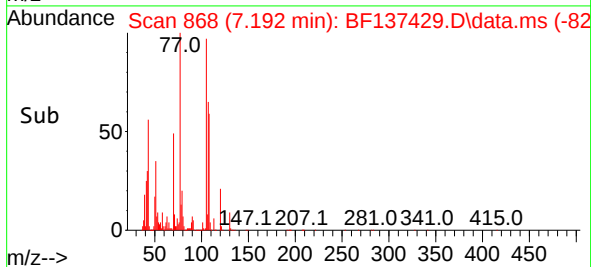
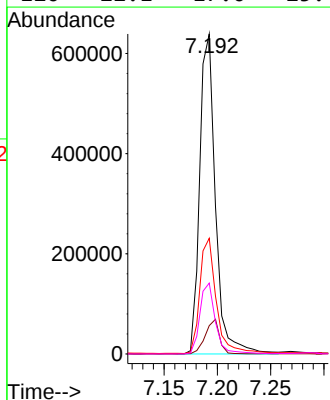
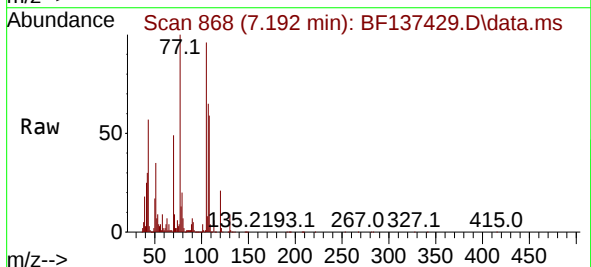
02/29/2024
Supervised By :mohammad
ahmed

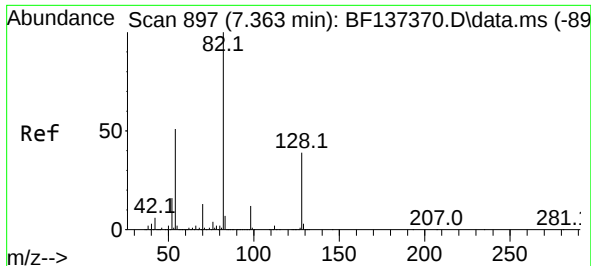
03/01/2024



#22
Acetophenone
Concen: 50.224 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:105 Resp: 661922
Ion Ratio Lower Upper
105 100
71 8.8 5.0 7.6#
51 36.1 32.2 48.4
120 22.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 98.798 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion: 82 Resp: 107555

Ion Ratio Lower Upper

82 100

128 40.8 30.8 46.2

54 52.4 40.8 61.2

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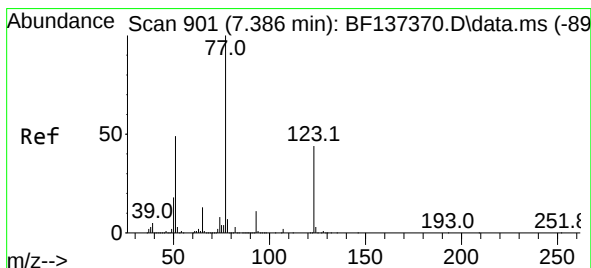
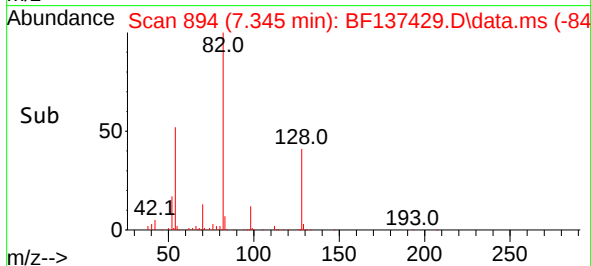
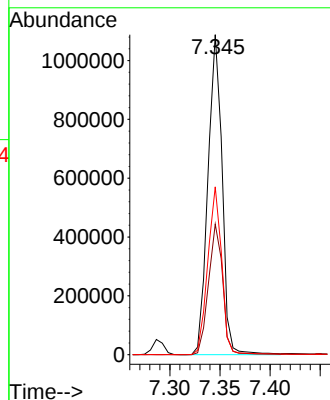
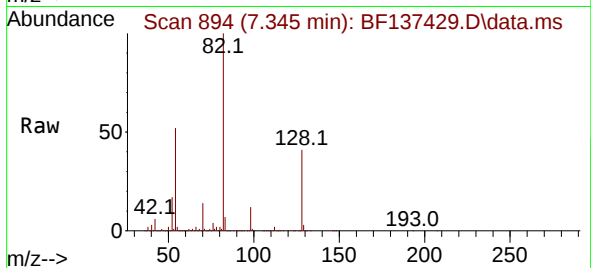
Reviewed By :Jagrut

Upadhyay

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Supervised By :mohammad
ahmed

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#24

Nitrobenzene

Concen: 50.269 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.024 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

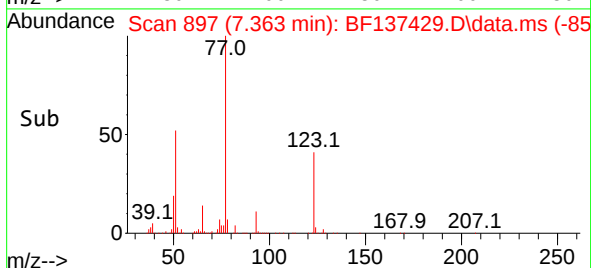
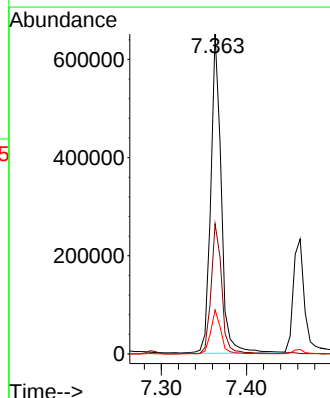
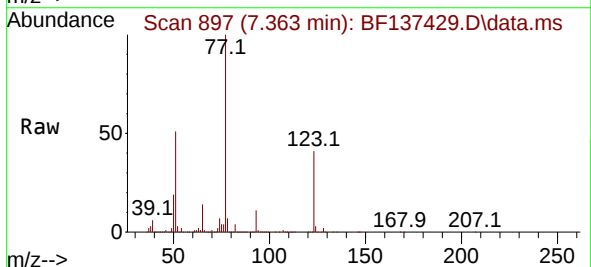
Tgt Ion: 77 Resp: 556062

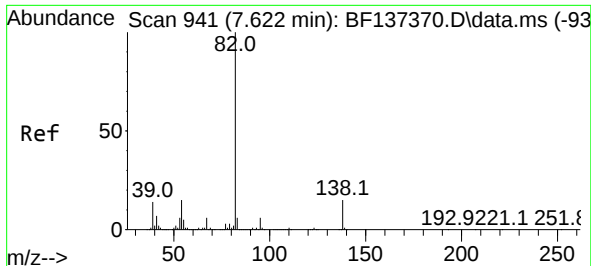
Ion Ratio Lower Upper

77 100

123 40.7 35.4 53.0

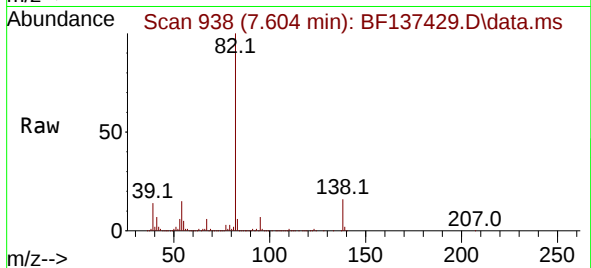
65 13.7 10.3 15.5





#25
Isophorone
Concen: 49.049 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



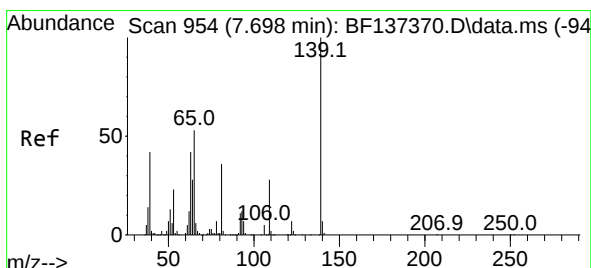
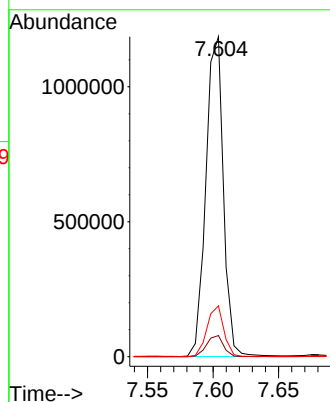
Tgt Ion: 82 Resp: 110423
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.9 12.2 18.4

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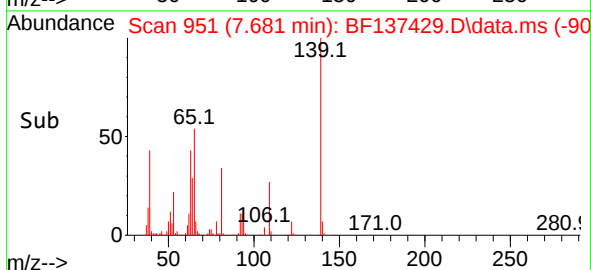
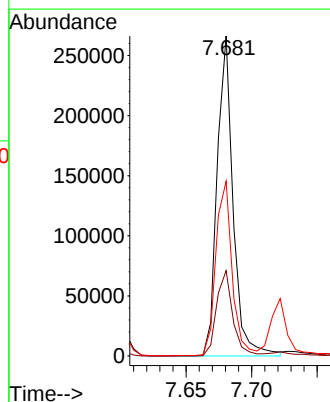
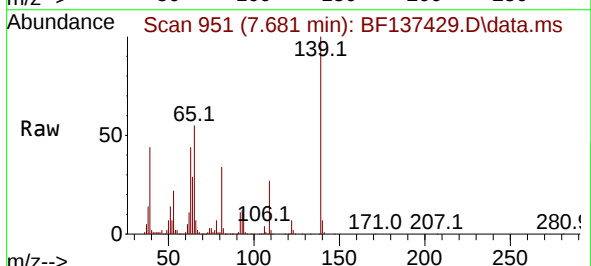
02/29/2024
Supervised By :mohammad
ahmed

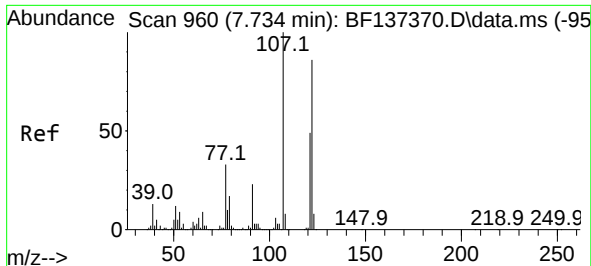
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#26
2-Nitrophenol
Concen: 52.892 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

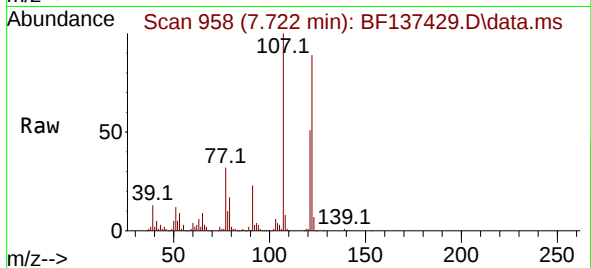
Tgt Ion:139 Resp: 224900
Ion Ratio Lower Upper
139 100
109 26.7 22.5 33.7
65 54.6 42.3 63.5





#27
2,4-Dimethylphenol
Concen: 44.109 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



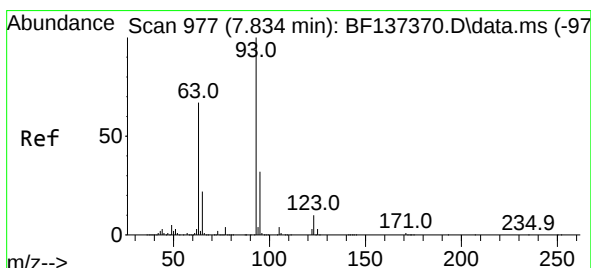
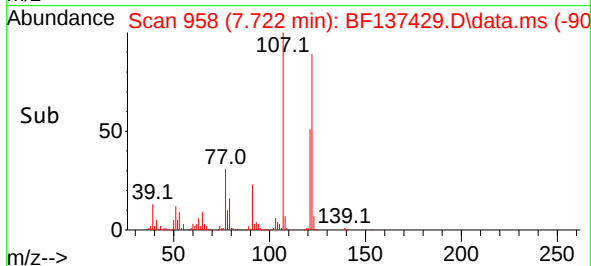
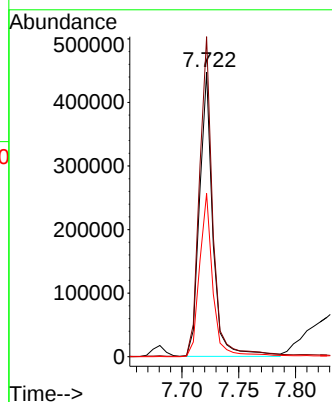
Tgt Ion:122 Resp: 365200
Ion Ratio Lower Upper
122 100
107 112.5 92.7 139.1
121 57.4 45.2 67.8

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Reviewed By :Jagrut
Upadhyay

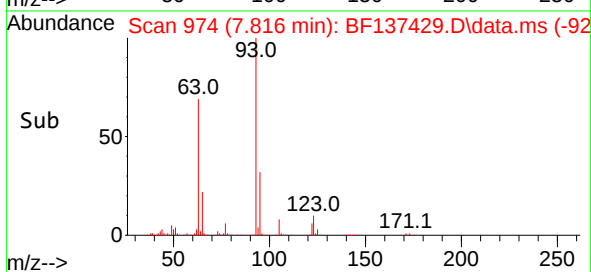
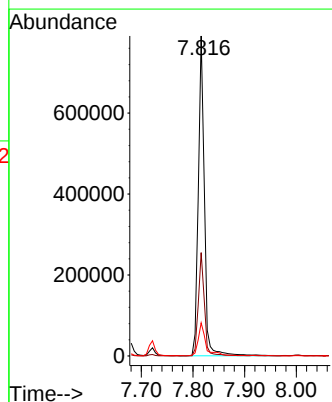
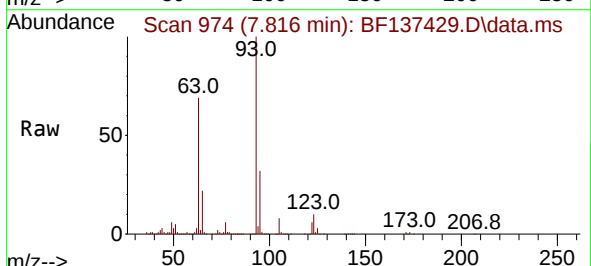
02/29/2024
Supervised By :mohammad
ahmed

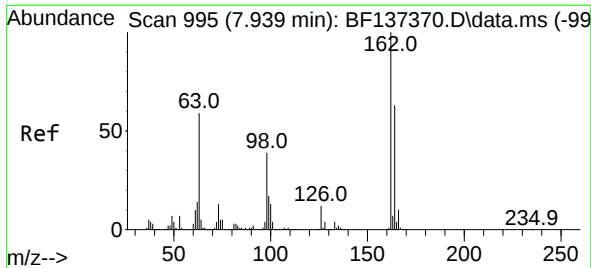
03/01/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.753 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

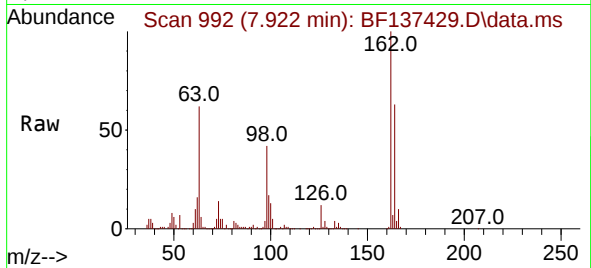
Tgt Ion: 93 Resp: 645610
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 10.4 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 52.770 ng
RT: 7.922 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



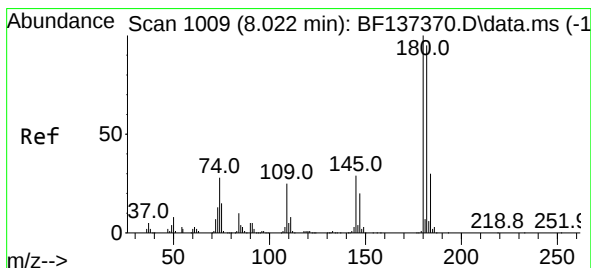
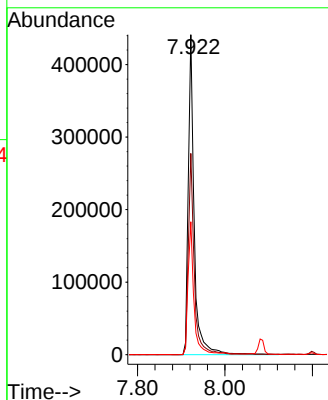
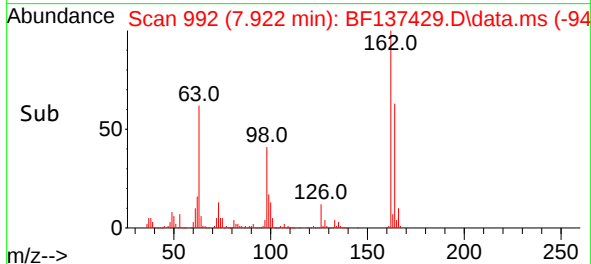
Tgt Ion:162 Resp: 409500
Ion Ratio Lower Upper
162 100
164 62.9 43.1 83.1
98 41.5 19.0 59.0

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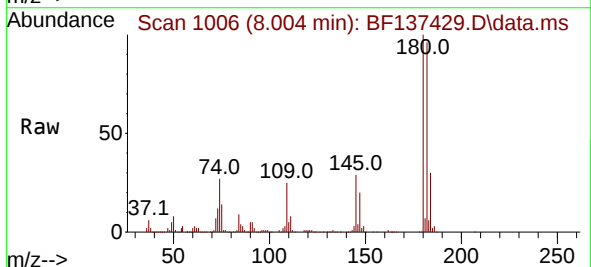
Reviewed By :Jagrut
Upadhyay

02/29/2024
Supervised By :mohammad
ahmed

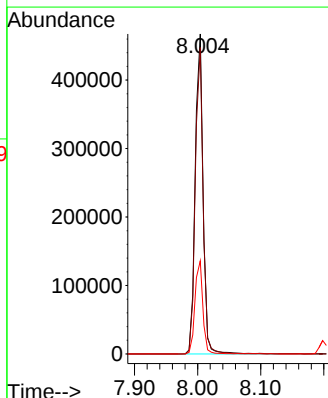
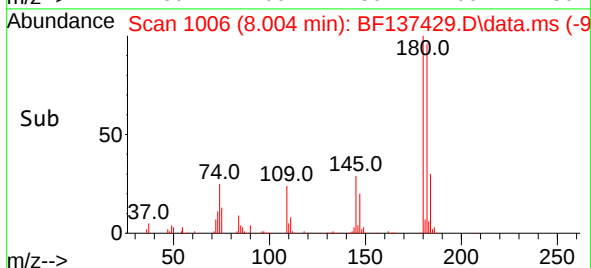
03/01/2024

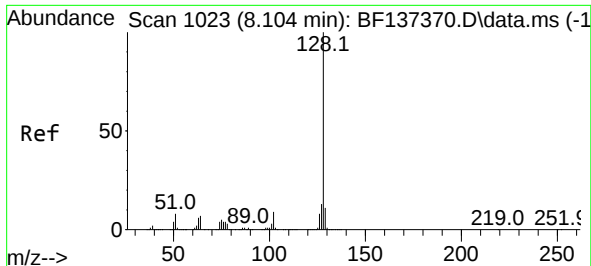


#30
1,2,4-Trichlorobenzene
Concen: 48.130 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22



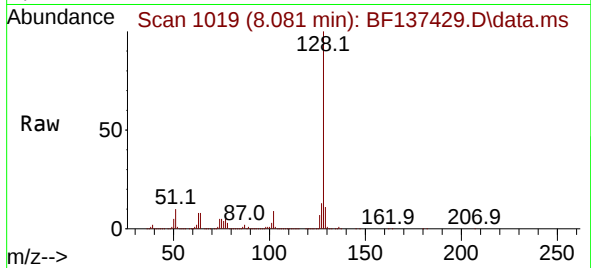
Tgt Ion:180 Resp: 400888
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.6
145 29.1 23.4 35.0





#31
Naphthalene
Concen: 47.148 ng
RT: 8.081 min Scan# 1023
Delta R.T. -0.023 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



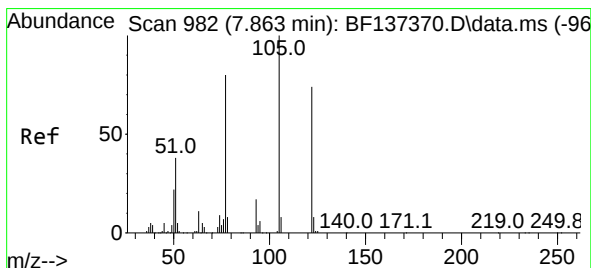
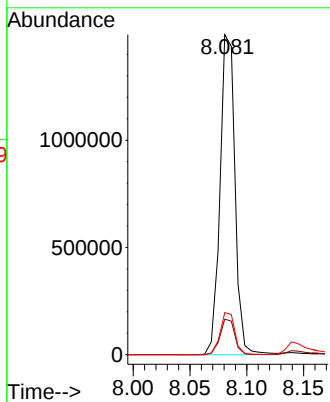
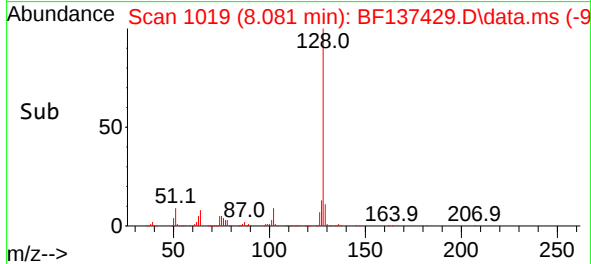
Tgt Ion:128 Resp: 137515
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.6 16.0

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Reviewed By :Jagrut
Upadhyay

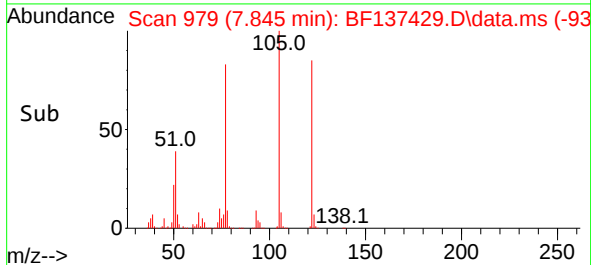
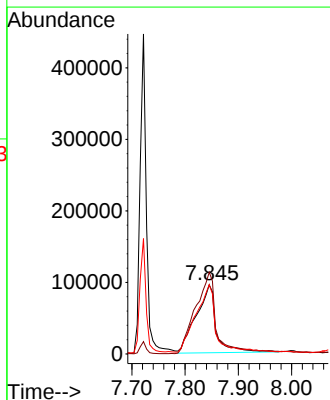
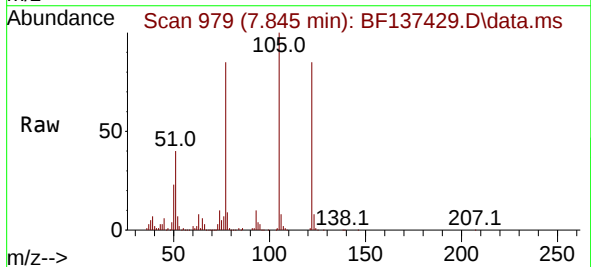
02/29/2024
Supervised By :mohammad
ahmed

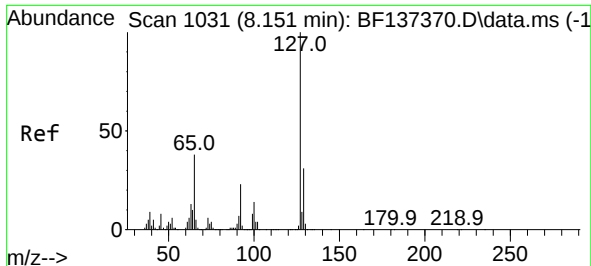
03/01/2024



#32
Benzoic acid
Concen: 48.816 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:122 Resp: 248018
Ion Ratio Lower Upper
122 100
105 118.3 101.1 141.1
77 100.4 82.8 122.8





#33

4-Chloroaniline

Concen: 10.193 ng

RT: 8.139 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:127 Resp: 113078

Ion Ratio Lower Upper

127 100

129 31.6 25.0 37.6

65 33.6 30.4 45.6

92 21.2 18.2 27.2

Manual Integrations

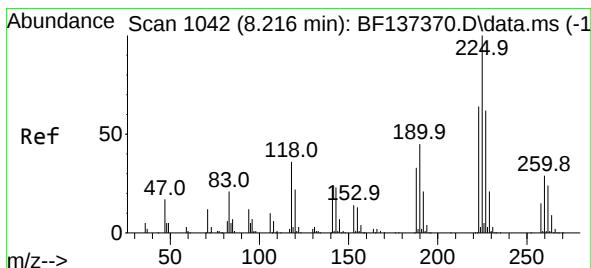
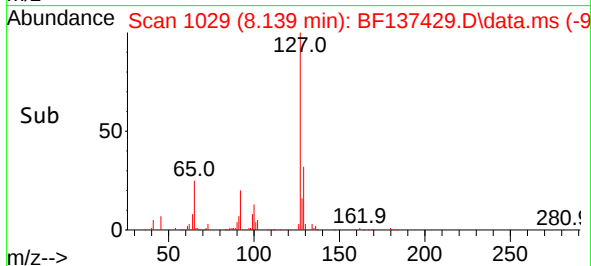
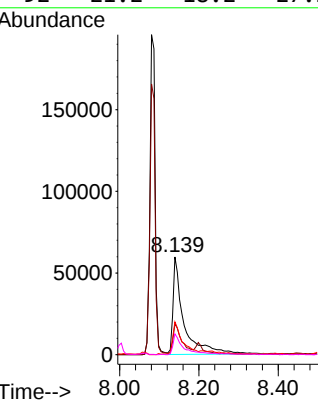
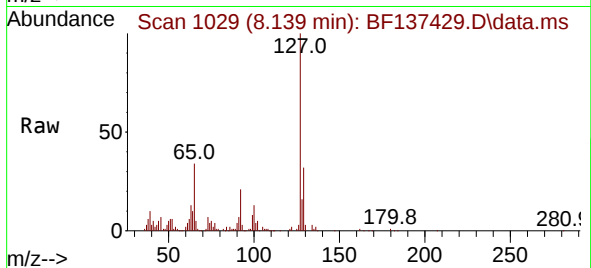
APPROVED

Reviewed By :Jagrut
Upadhyay

02/29/2024

Supervised By :mohammad
ahmed

03/01/2024



#34

Hexachlorobutadiene

Concen: 46.723 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.018 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

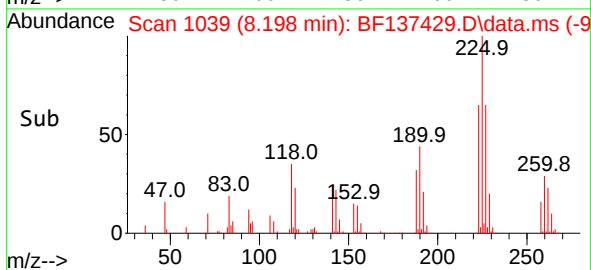
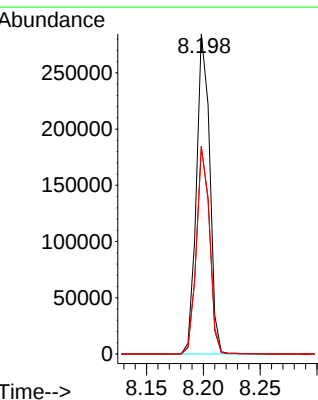
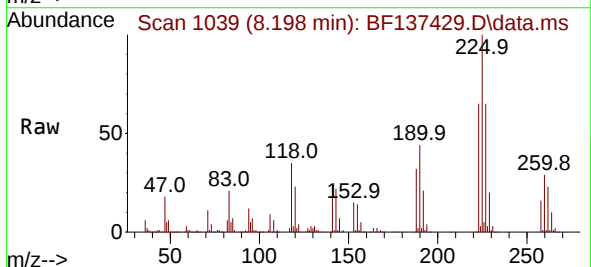
Tgt Ion:225 Resp: 231195

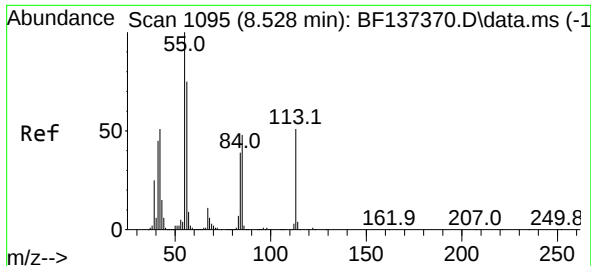
Ion Ratio Lower Upper

225 100

223 64.9 51.4 77.0

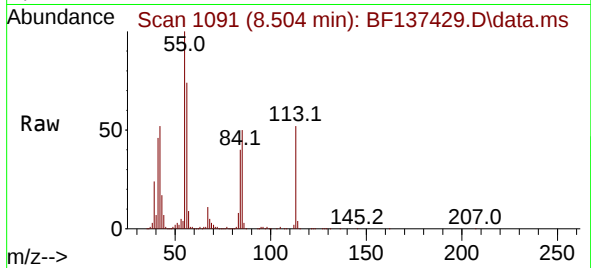
227 64.6 49.8 74.6





#35
Caprolactam
Concen: 63.014 ng m
RT: 8.504 min Scan# 1095
Delta R.T. -0.024 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



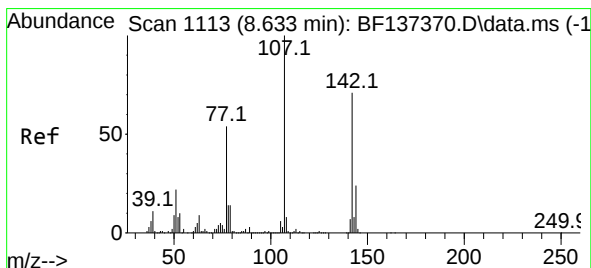
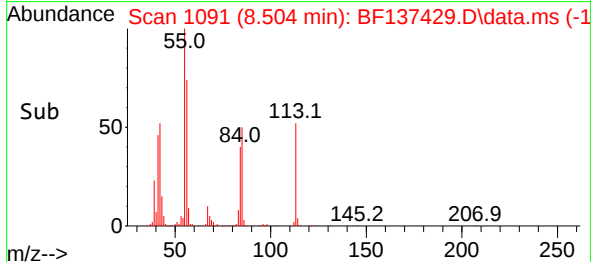
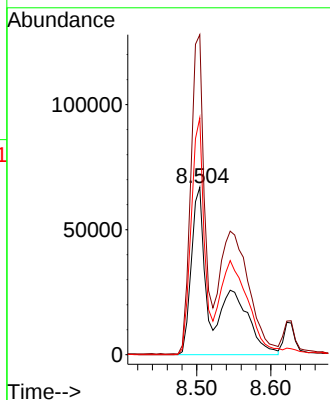
Tgt Ion:113 Resp: 151220
Ion Ratio Lower Upper
113 100
55 191.2 176.3 216.3
56 141.5 127.6 167.6

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Upadhyay

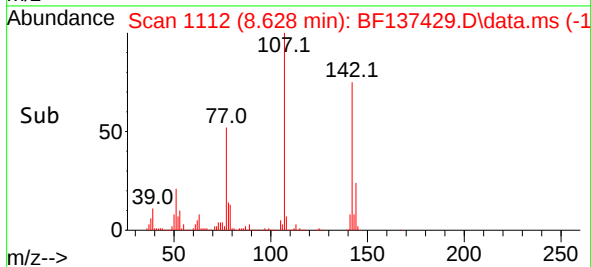
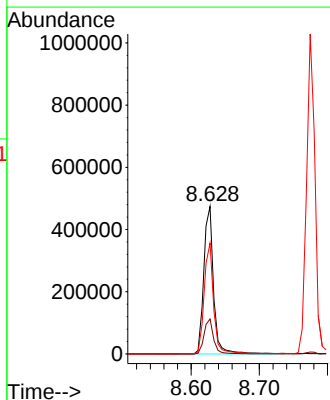
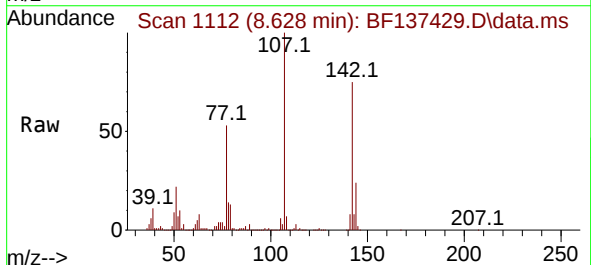
02/29/2024
Supervised By :mohammad
ahmed

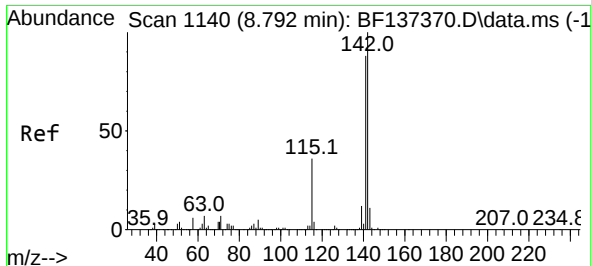
03/01/2024



#36
4-Chloro-3-methylphenol
Concen: 53.722 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

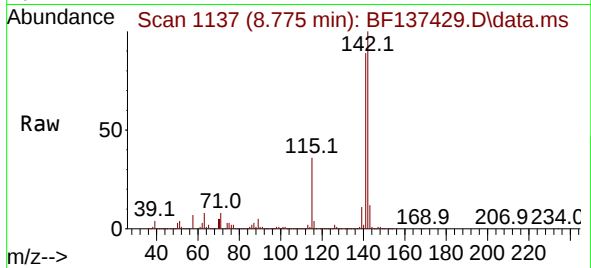
Tgt Ion:107 Resp: 472623
Ion Ratio Lower Upper
107 100
144 23.7 18.9 28.3
142 75.1 56.6 85.0





#37
2-Methylnaphthalene
Concen: 47.085 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



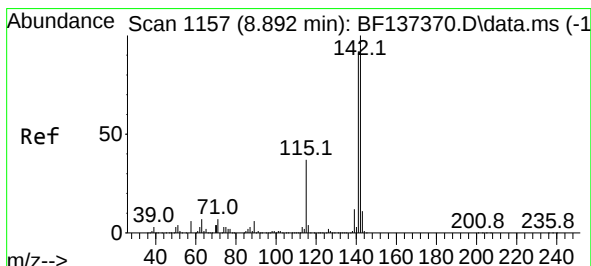
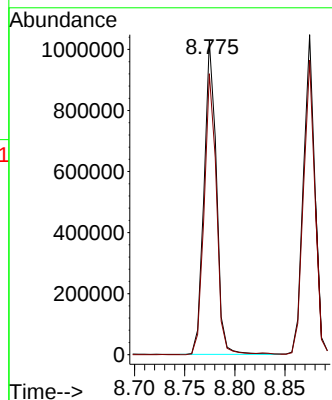
Tgt Ion:142 Resp: 884935
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5

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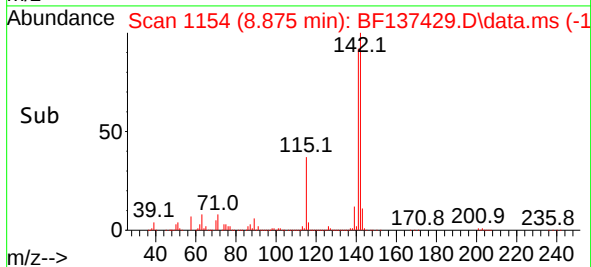
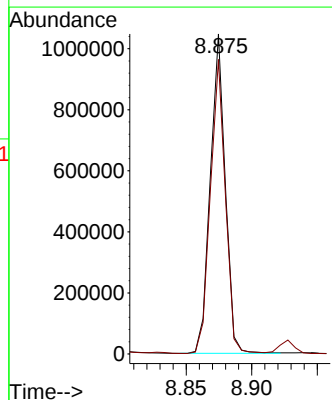
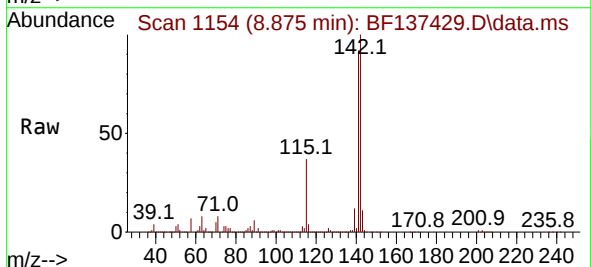
02/29/2024
Supervised By :mohammad
ahmed

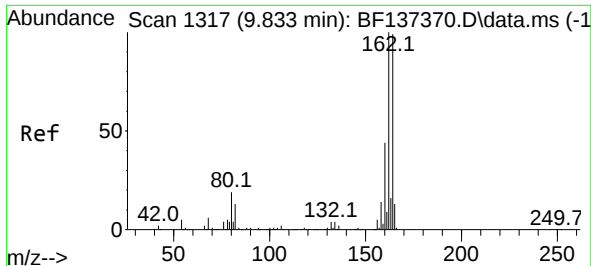
03/01/2024



#38
1-Methylnaphthalene
Concen: 46.723 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

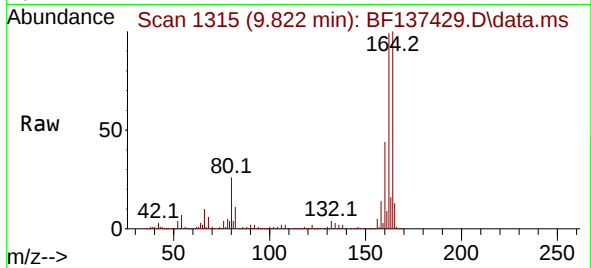
Tgt Ion:142 Resp: 830232
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



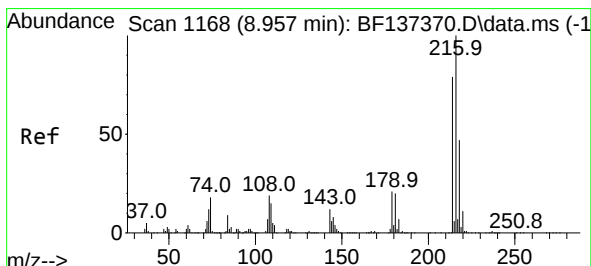
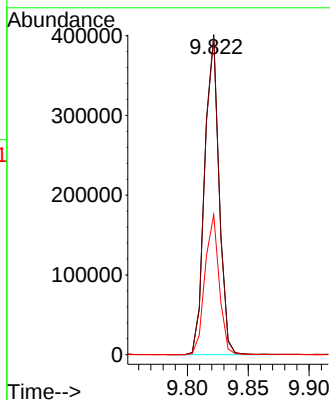
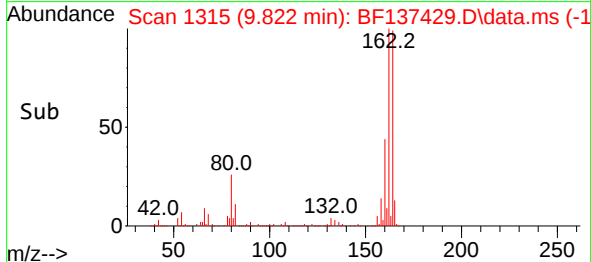
Tgt Ion:164 Resp: 32856
Ion Ratio Lower Upper
164 100
162 99.3 81.2 121.8
160 43.8 35.7 53.5

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Upadhyay

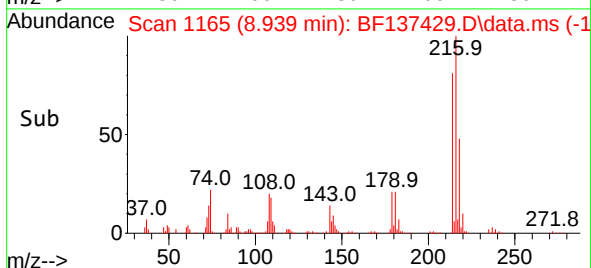
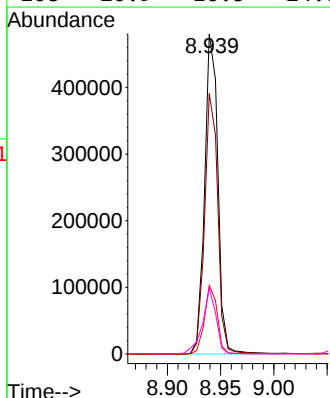
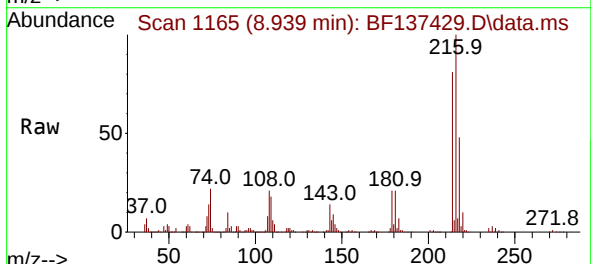
02/29/2024
Supervised By :mohammad
ahmed

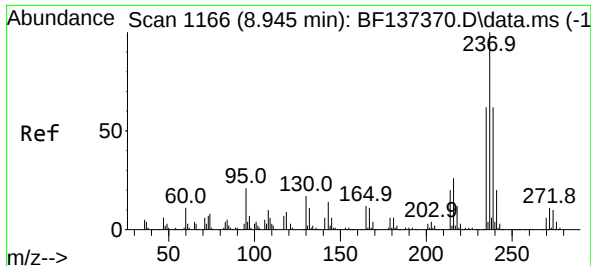
03/01/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.049 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

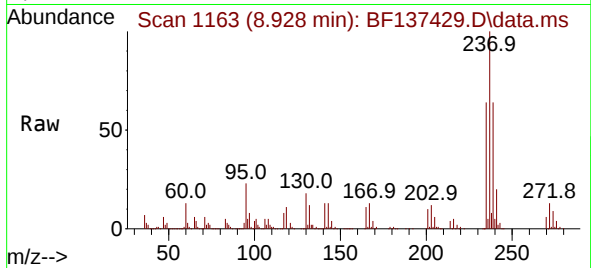
Tgt Ion:216 Resp: 416731
Ion Ratio Lower Upper
216 100
214 81.0 62.3 93.5
179 20.7 16.5 24.7
108 20.9 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 66.172 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



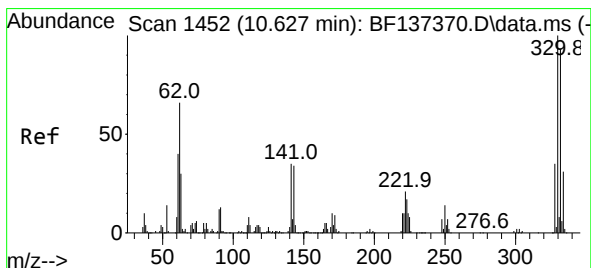
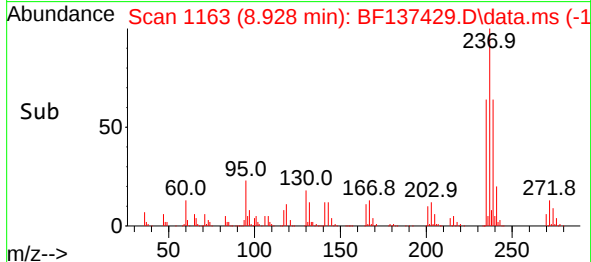
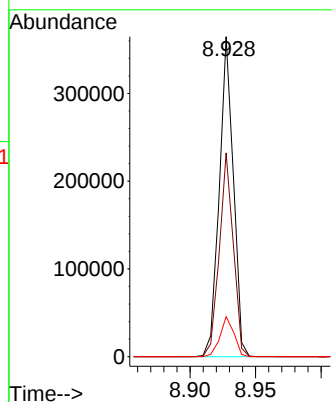
Tgt Ion: 237 Resp: 271507
Ion Ratio Lower Upper
237 100
235 63.7 42.0 82.0
272 12.5 0.0 31.3

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Upadhyay

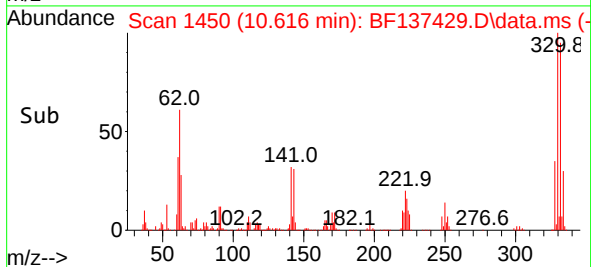
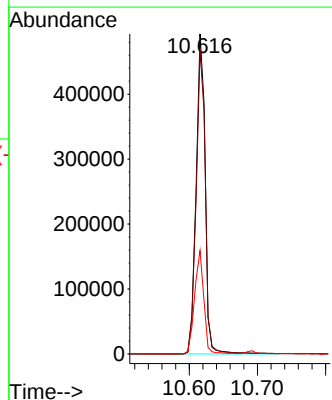
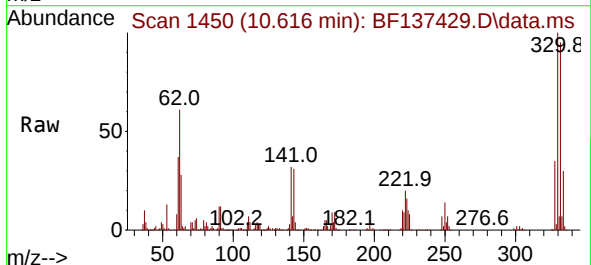
02/29/2024
Supervised By : mohammad
ahmed

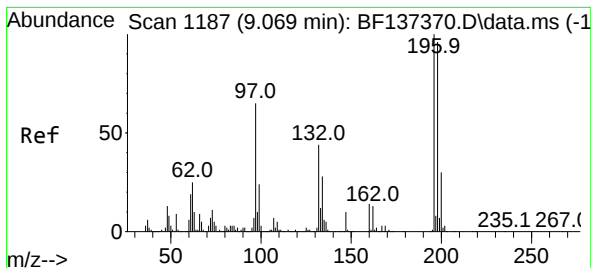
03/01/2024



#42
2,4,6-Tribromophenol
Concen: 159.484 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

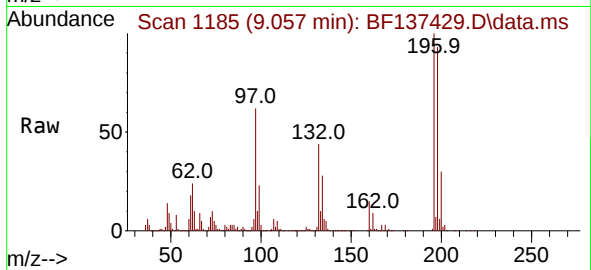
Tgt Ion: 330 Resp: 456313
Ion Ratio Lower Upper
330 100
332 95.5 75.6 113.4
141 32.8 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 52.083 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



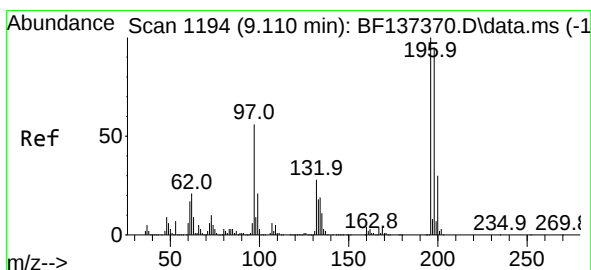
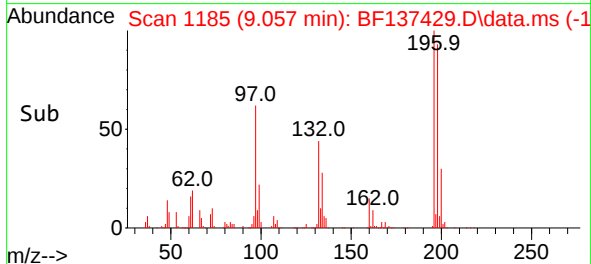
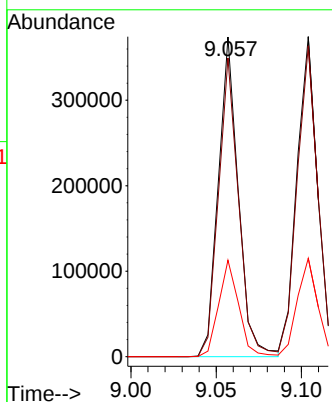
Tgt Ion:196 Resp: 305609
Ion Ratio Lower Upper
196 100
198 93.4 77.0 115.4
200 30.2 24.3 36.5

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

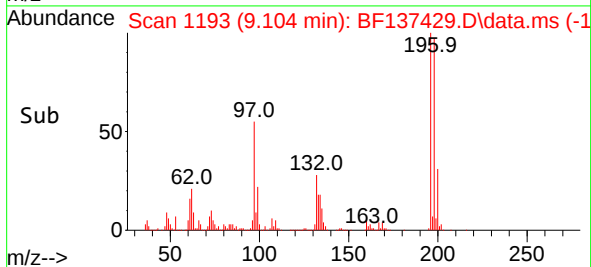
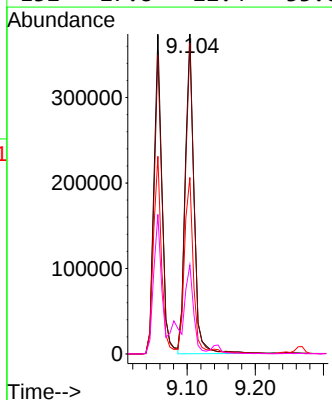
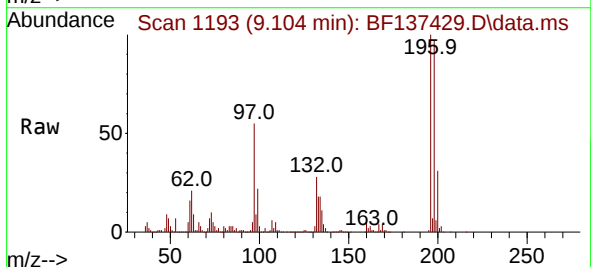
02/29/2024
Supervised By :mohammad
ahmed

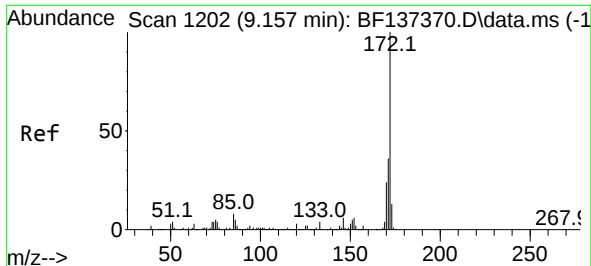
03/01/2024



#44
2,4,5-Trichlorophenol
Concen: 49.083 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:196 Resp: 330410
Ion Ratio Lower Upper
196 100
198 97.2 75.6 113.4
97 55.2 44.6 66.8
132 27.8 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 88.353 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:172 Resp: 1864658

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 24.0 19.5 29.3

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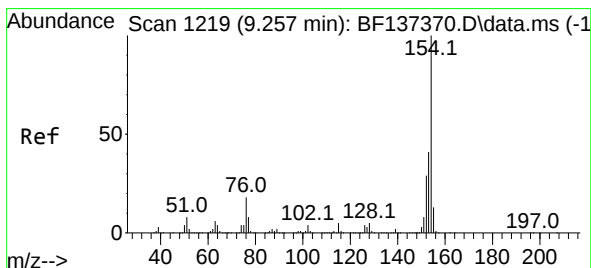
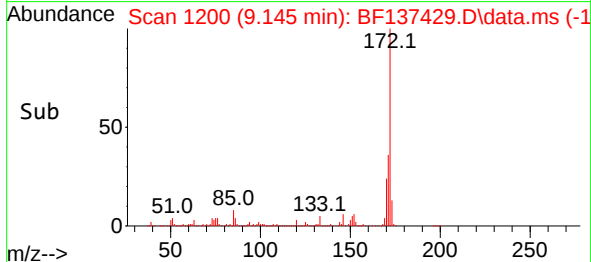
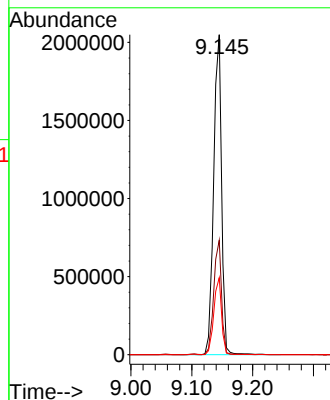
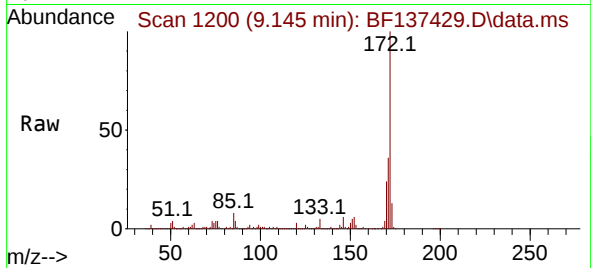
APPROVED

Reviewed By :Jagrut
Upadhyay

02/29/2024

Supervised By :mohammad
ahmed

03/01/2024



#46

1,1'-Biphenyl

Concen: 47.474 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

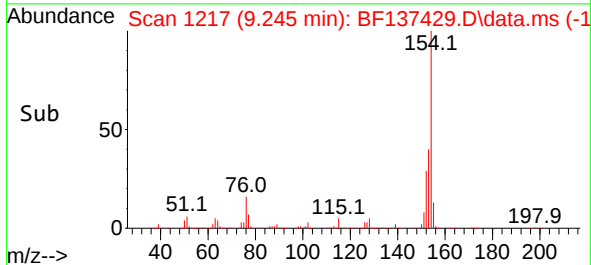
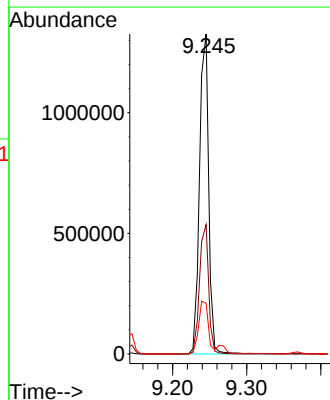
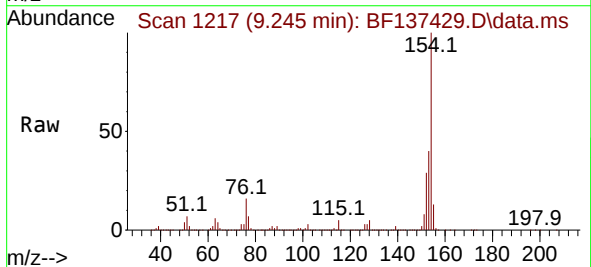
Tgt Ion:154 Resp: 1136080

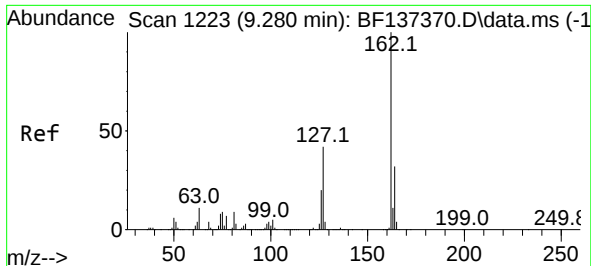
Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

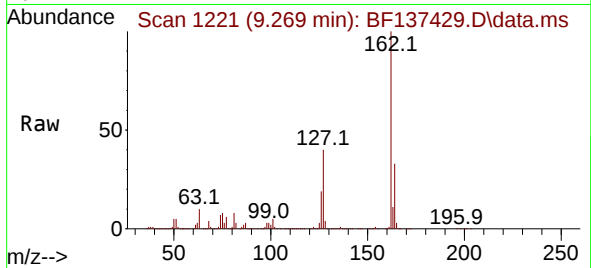
76 15.8 0.0 37.9





#47
2-Chloronaphthalene
Concen: 49.123 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



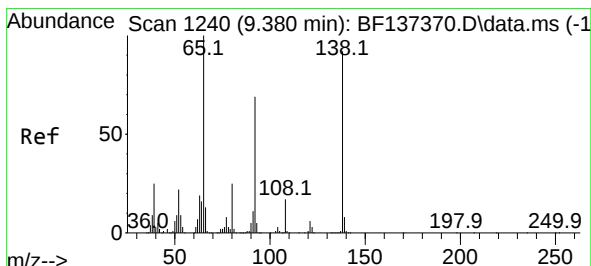
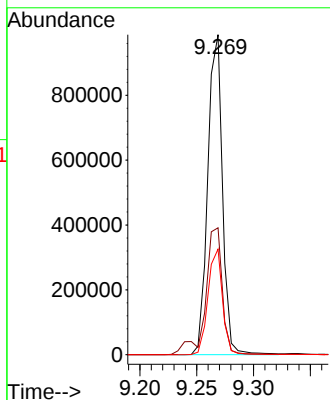
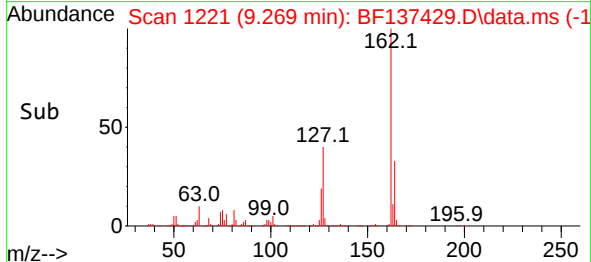
Tgt Ion:162 Resp: 887760
Ion Ratio Lower Upper
162 100
127 39.6 33.6 50.4
164 33.0 25.9 38.9

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Upadhyay

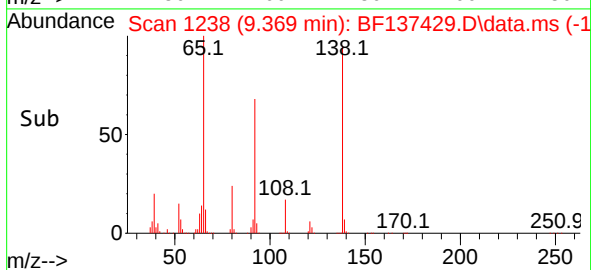
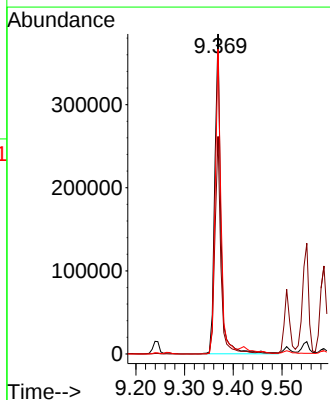
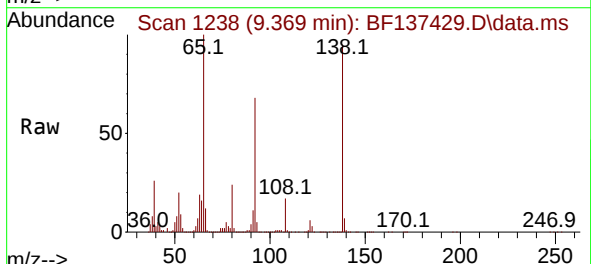
02/29/2024
Supervised By :mohammad
ahmed

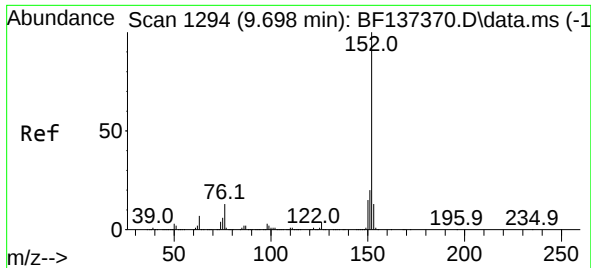
03/01/2024



#48
2-Nitroaniline
Concen: 59.235 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

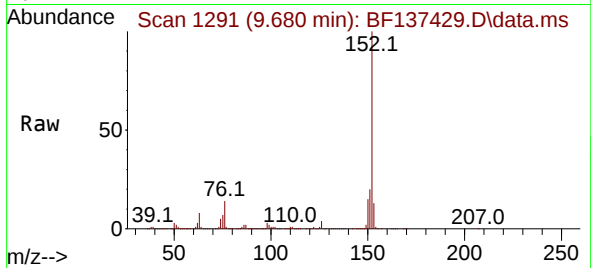
Tgt Ion: 65 Resp: 331114
Ion Ratio Lower Upper
65 100
92 68.0 55.0 82.6
138 95.2 73.7 110.5





#49
Acenaphthylene
Concen: 51.507 ng
RT: 9.680 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



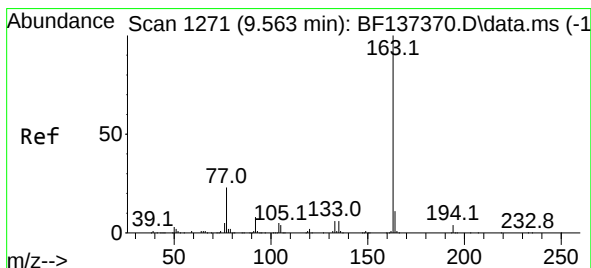
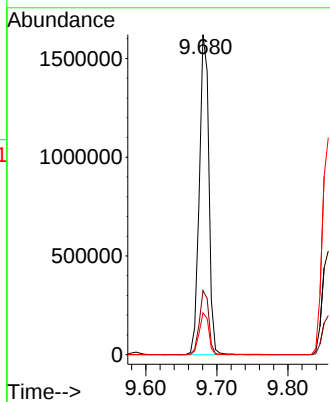
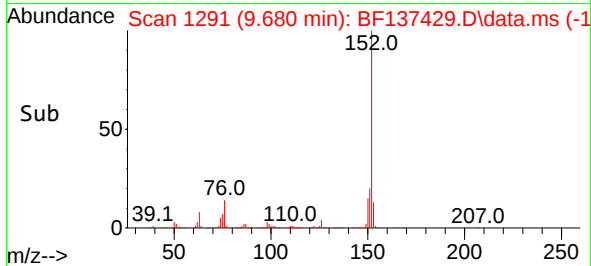
Tgt Ion:152 Resp: 1512374
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.1 10.6 15.8

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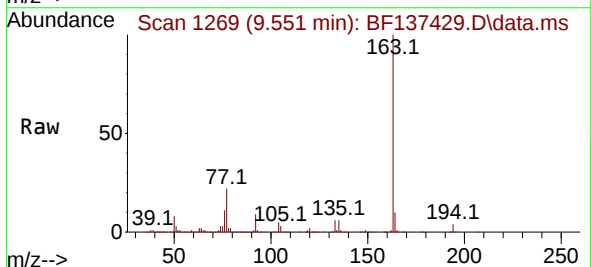
Reviewed By :Jagrut
Upadhyay

02/29/2024
Supervised By :mohammad
ahmed

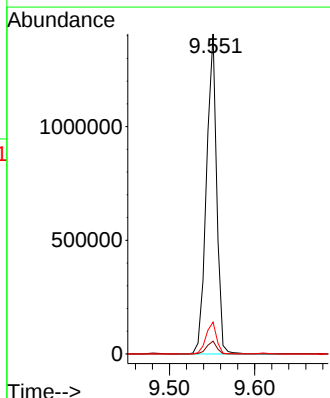
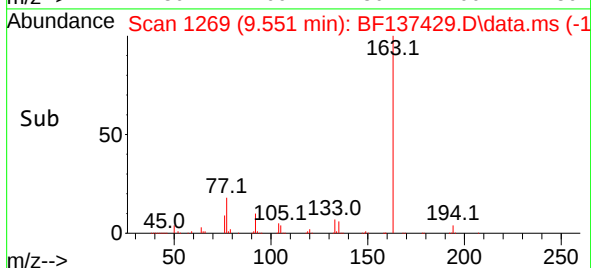
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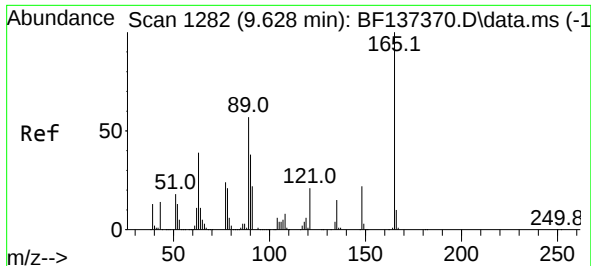


#50
Dimethylphthalate
Concen: 51.702 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22



Tgt Ion:163 Resp: 1173836
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.9 8.5 12.7





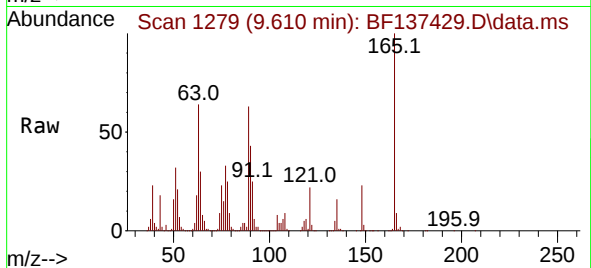
#51
2,6-Dinitrotoluene
Concen: 58.433 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:165 Resp: 246809
Ion Ratio Lower Upper
165 100
63 64.4 41.6 62.4
89 63.4 45.8 68.6

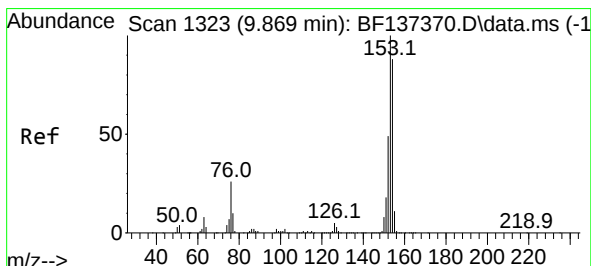
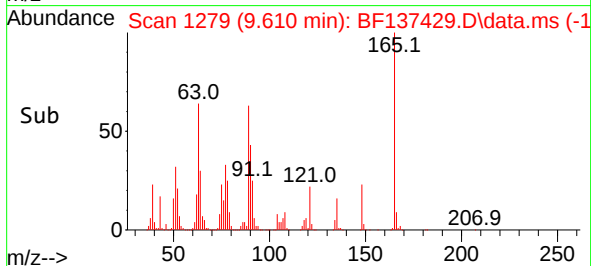
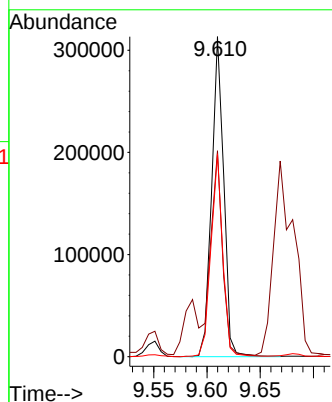
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Upadhyay

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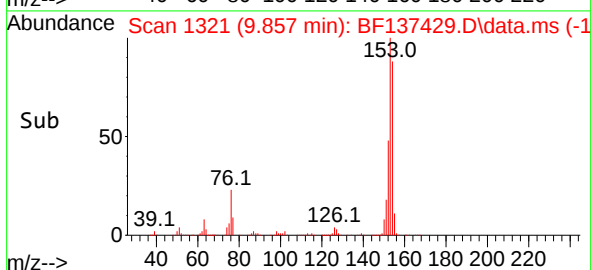
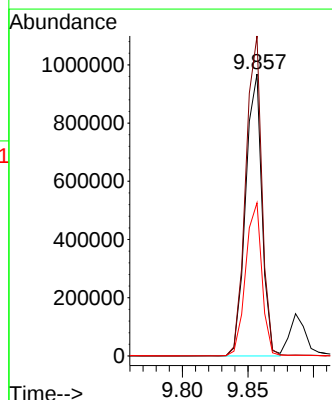
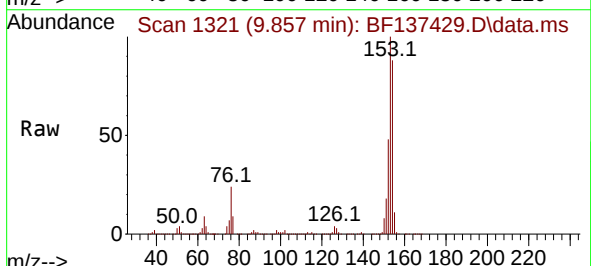
Supervised By :mohammad
ahmed

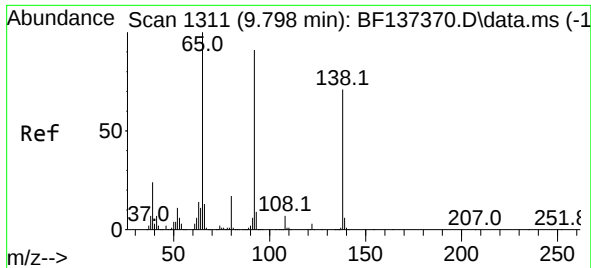
03/01/2024



#52
Acenaphthene
Concen: 48.095 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

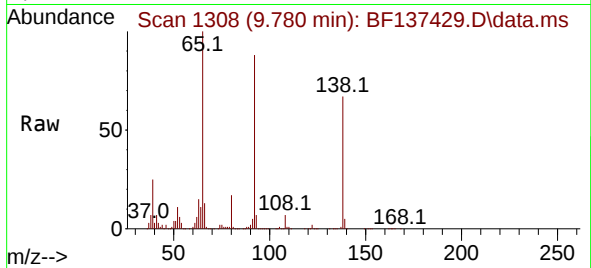
Tgt Ion:154 Resp: 842979
Ion Ratio Lower Upper
154 100
153 113.5 90.6 135.8
152 54.3 44.1 66.1





#53
3-Nitroaniline
Concen: 39.078 ng
RT: 9.780 min Scan# 1311
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



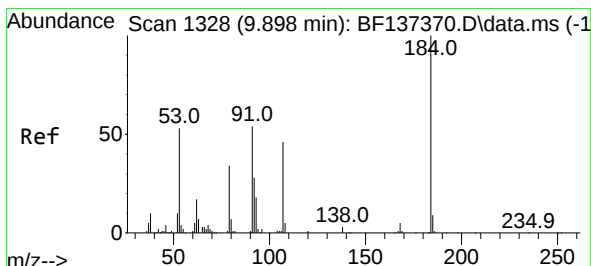
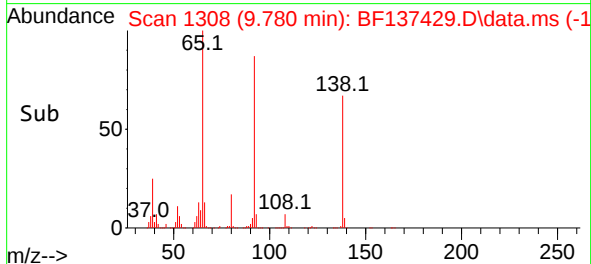
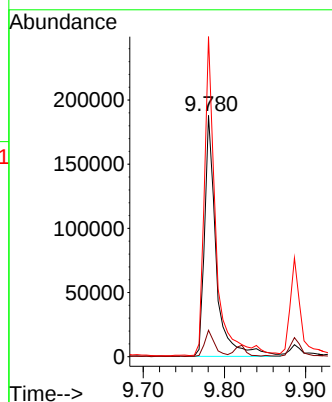
Tgt Ion:138 Resp: 186374
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 132.7 102.2 153.2

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Upadhyay

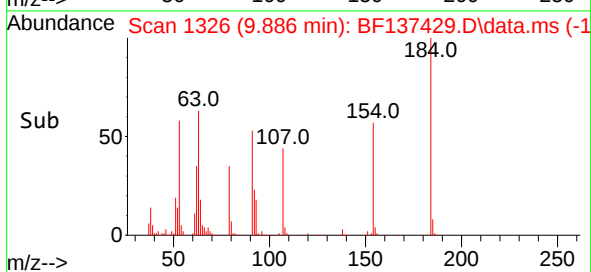
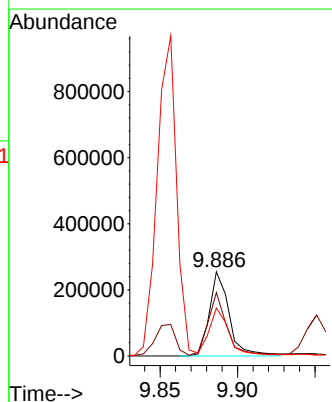
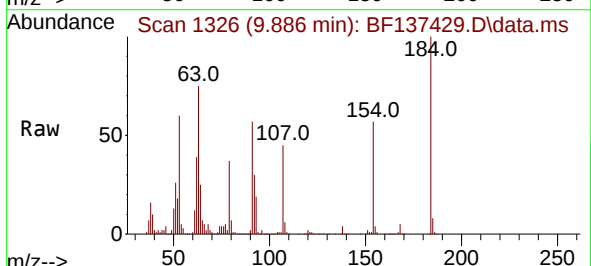
02/29/2024
Supervised By :mohammad
ahmed

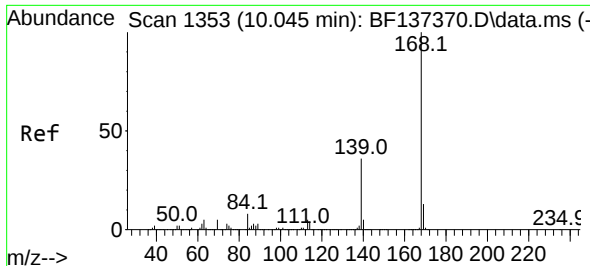
03/01/2024



#54
2,4-Dinitrophenol
Concen: 105.612 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

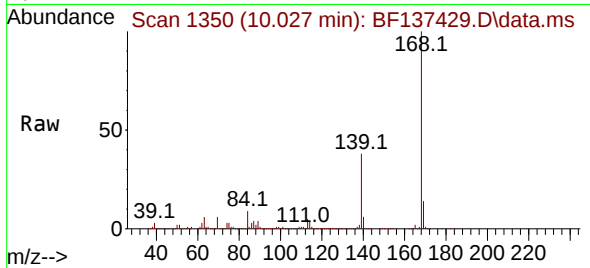
Tgt Ion:184 Resp: 226310
Ion Ratio Lower Upper
184 100
63 75.4 55.9 83.9
154 57.0 47.6 71.4





#55
Dibenzenofuran
Concen: 48.768 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



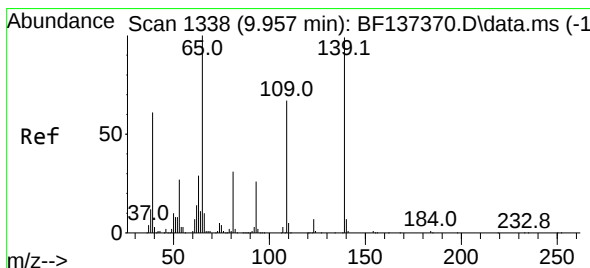
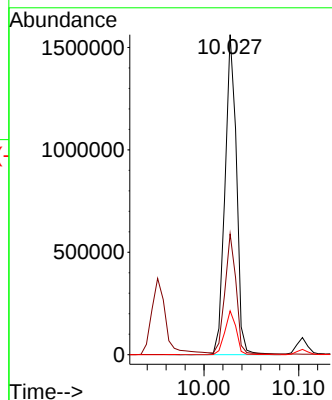
Tgt Ion:168 Resp: 132110
Ion Ratio Lower Upper
168 100
139 37.7 28.9 43.3
169 13.7 10.8 16.2

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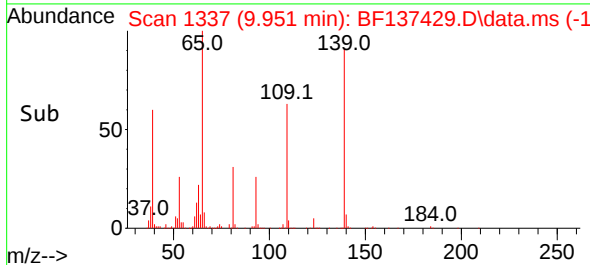
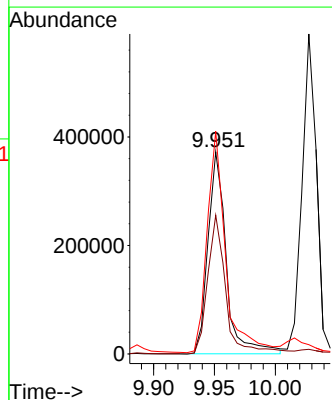
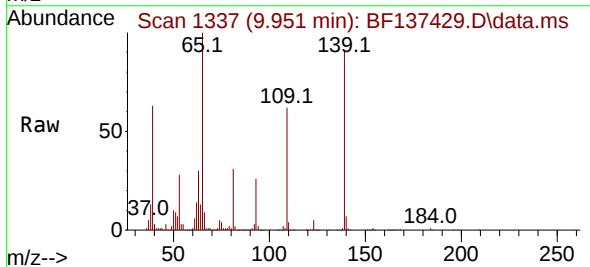
02/29/2024
Supervised By :mohammad
ahmed

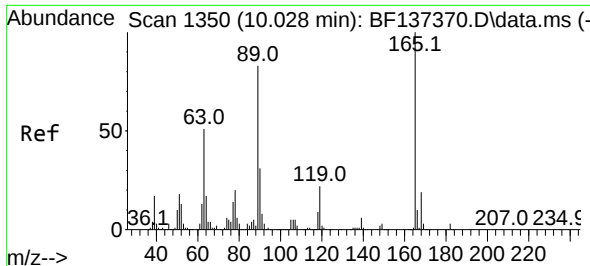
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#56
4-Nitrophenol
Concen: 107.095 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

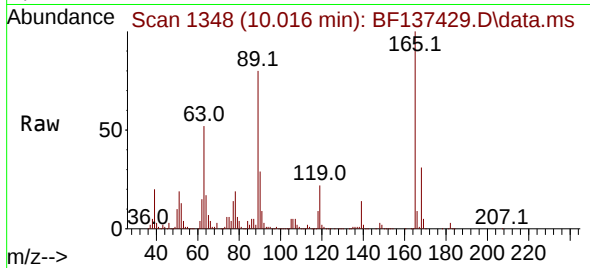
Tgt Ion:139 Resp: 389385
Ion Ratio Lower Upper
139 100
109 68.7 48.0 88.0
65 110.2 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 62.981 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



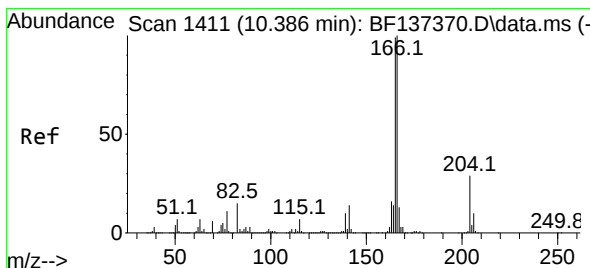
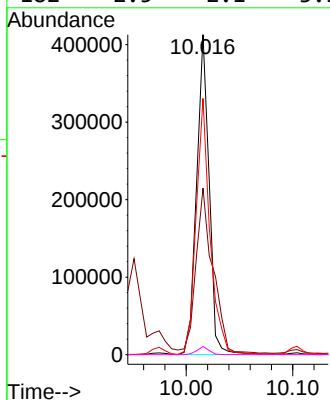
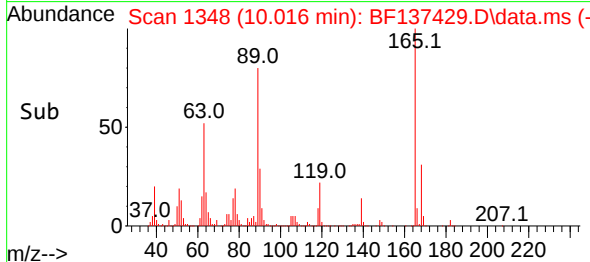
Tgt Ion:165 Resp: 338130
Ion Ratio Lower Upper
165 100
63 52.0 41.1 61.7
89 80.1 66.6 100.0
182 2.5 2.1 3.1

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Upadhyay

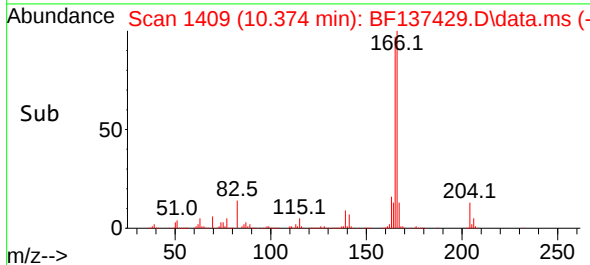
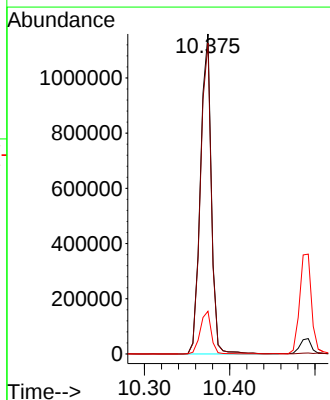
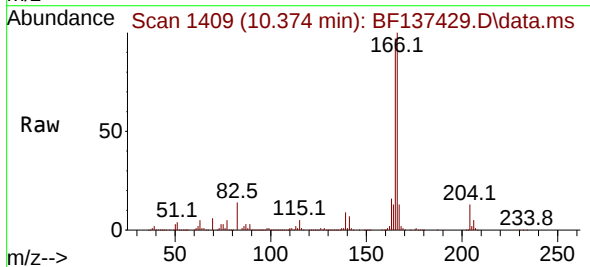
02/29/2024
Supervised By :mohammad
ahmed

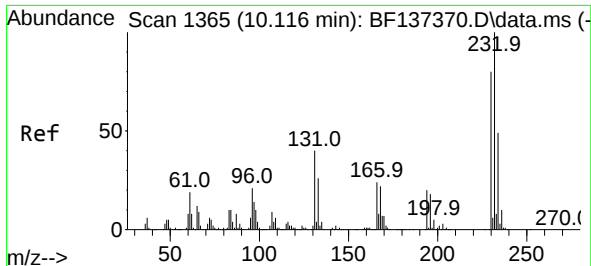
03/01/2024



#58
Fluorene
Concen: 49.594 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

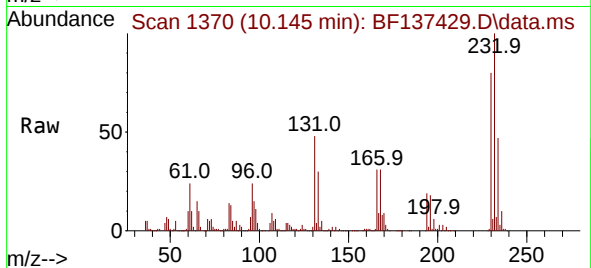
Tgt Ion:166 Resp: 1026003
Ion Ratio Lower Upper
166 100
165 97.2 78.8 118.2
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.429 ng m
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



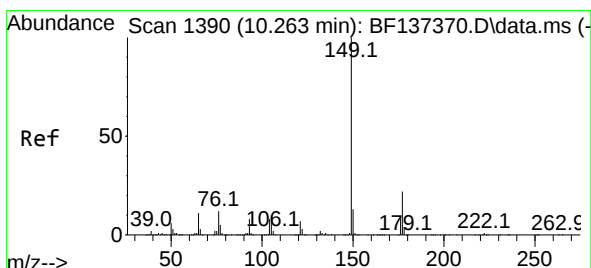
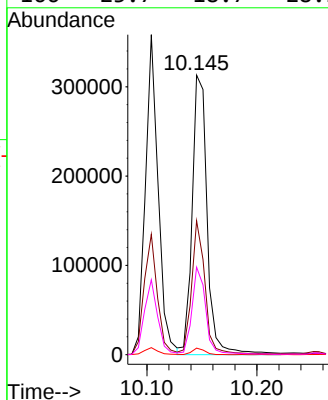
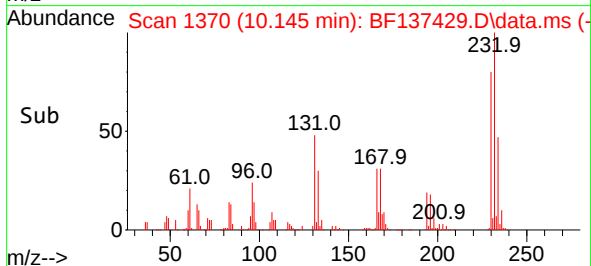
Tgt Ion:232 Resp: 297838
Ion Ratio Lower Upper
232 100
131 38.0 31.1 46.7
130 2.4 1.8 2.6
166 23.7 18.7 28.1

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Upadhyay

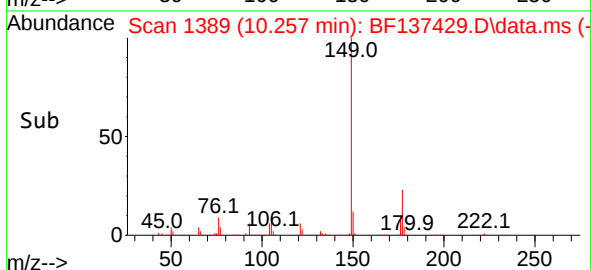
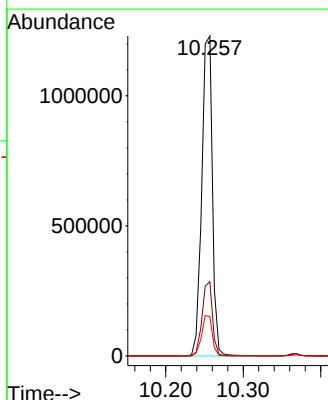
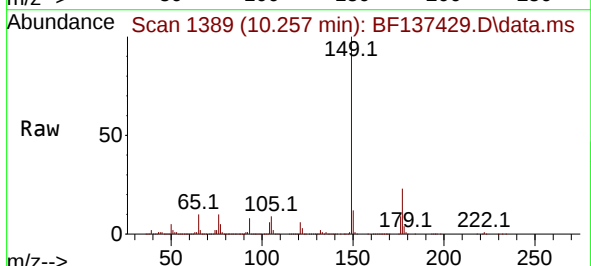
02/29/2024
Supervised By :mohammad
ahmed

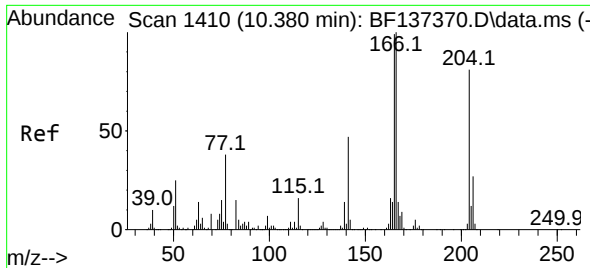
03/01/2024



#60
Diethylphthalate
Concen: 55.207 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

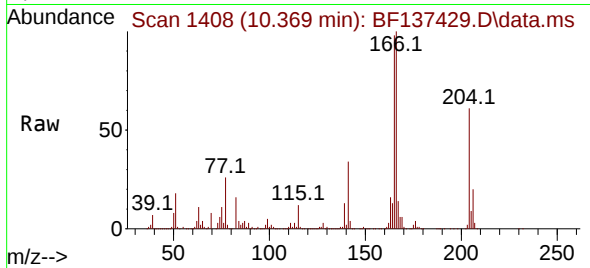
Tgt Ion:149 Resp: 1170226
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.058 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



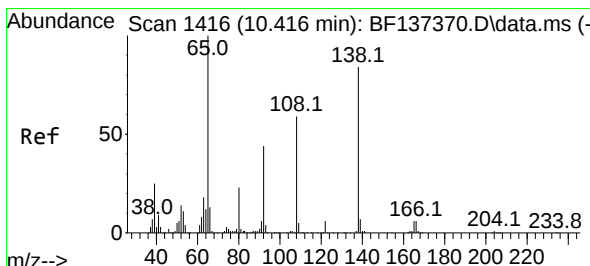
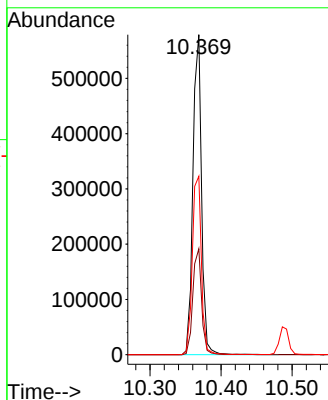
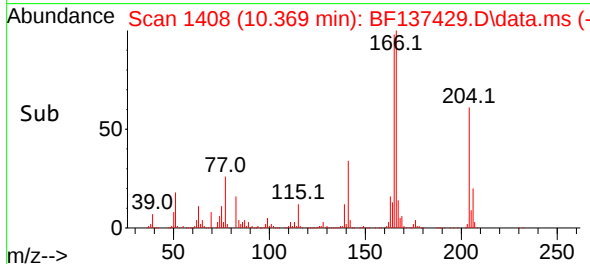
Tgt Ion:204 Resp: 489075
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 55.7 46.4 69.6

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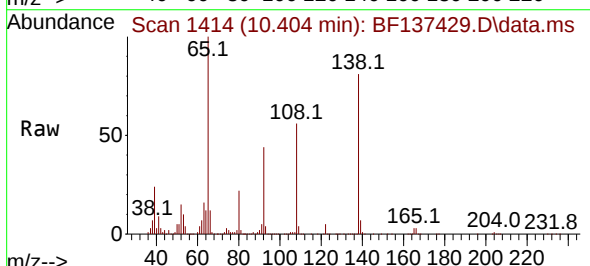
Reviewed By :Jagrut
Upadhyay

02/29/2024
Supervised By :mohammad
ahmed

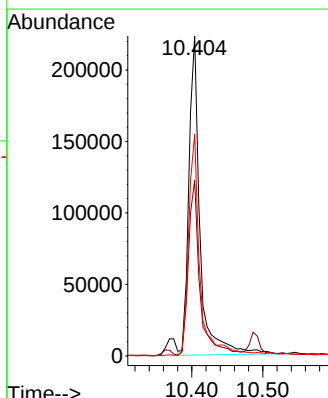
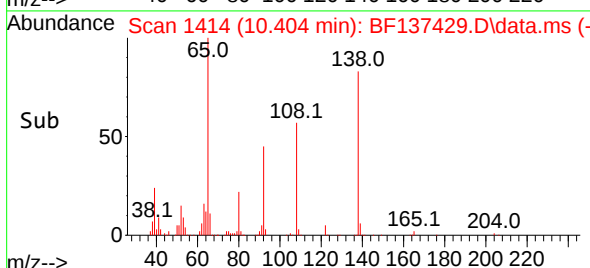
03/01/2024

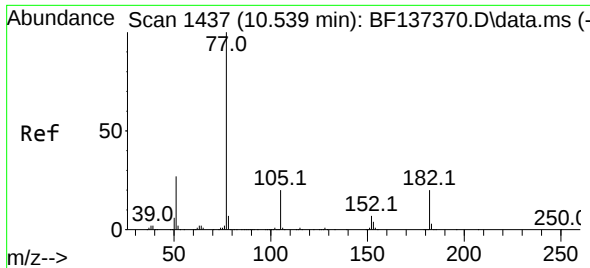


#62
4-Nitroaniline
Concen: 54.551 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22



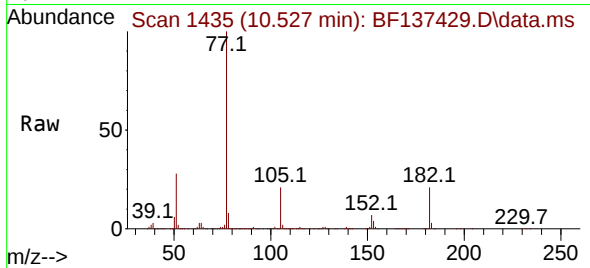
Tgt Ion:138 Resp: 243496
Ion Ratio Lower Upper
138 100
92 54.9 33.4 73.4
108 69.3 50.4 90.4





#63
Azobenzene
Concen: 51.555 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



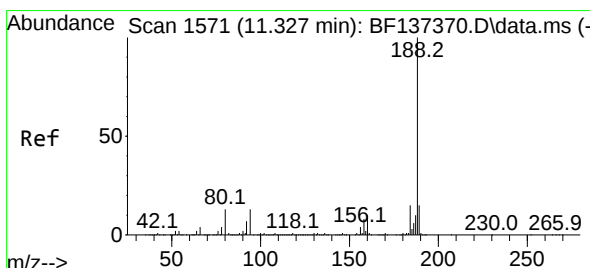
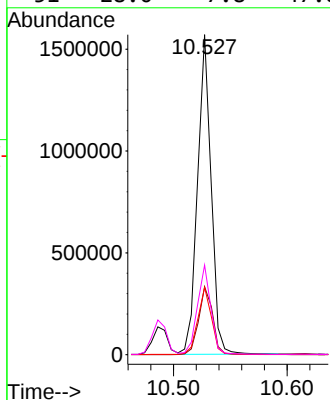
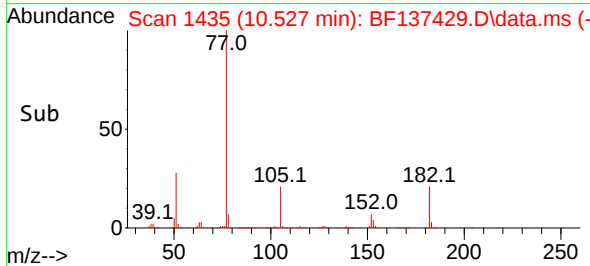
Tgt Ion: 77 Resp: 130748
Ion Ratio Lower Upper
77 100
182 21.3 0.0 39.6
105 21.1 0.4 40.4
51 28.0 7.8 47.8

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

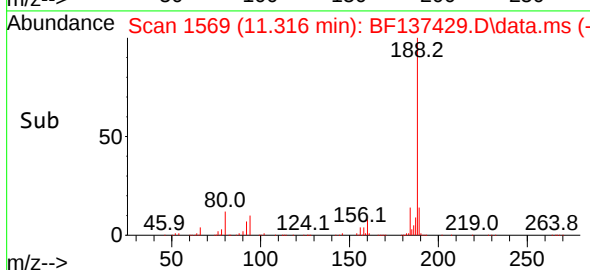
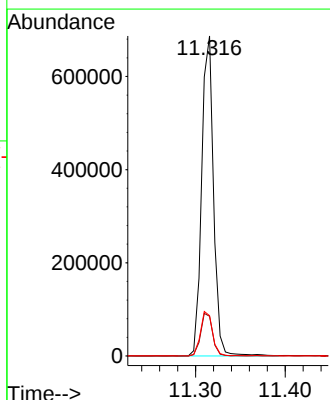
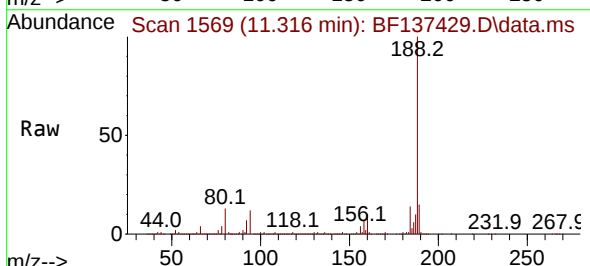
02/29/2024
Supervised By :mohammad
ahmed

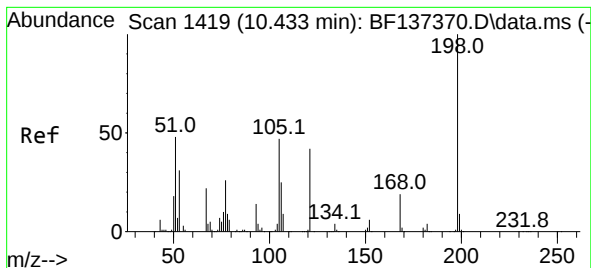
03/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

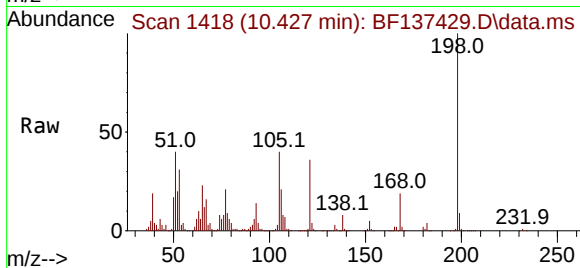
Tgt Ion:188 Resp: 630892
Ion Ratio Lower Upper
188 100
94 12.4 10.2 15.2
80 12.6 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 53.063 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



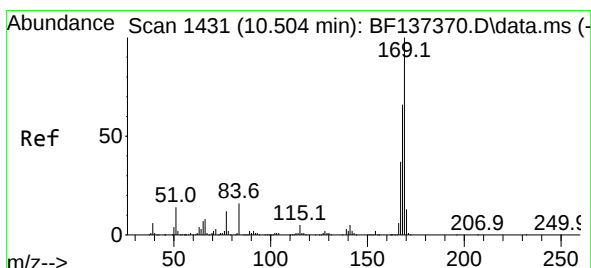
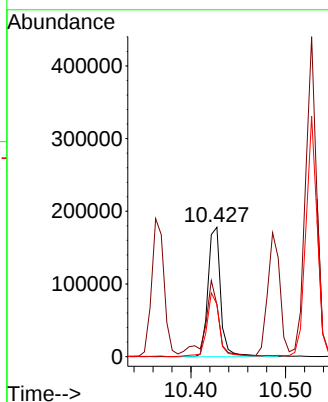
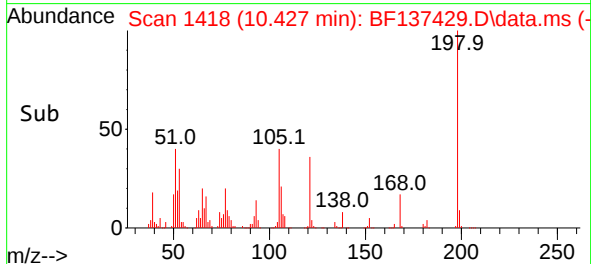
Tgt Ion:198 Resp: 165311
Ion Ratio Lower Upper
198 100
51 40.1 36.8 76.8
105 40.4 28.5 68.5

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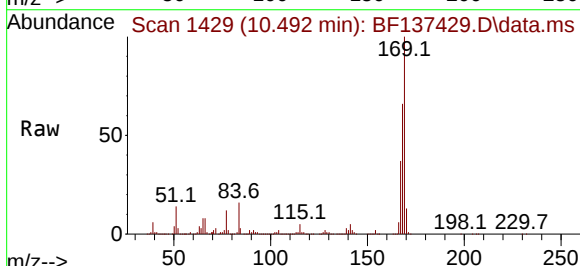
Reviewed By :Jagrut
Upadhyay

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Supervised By :mohammad
ahmed

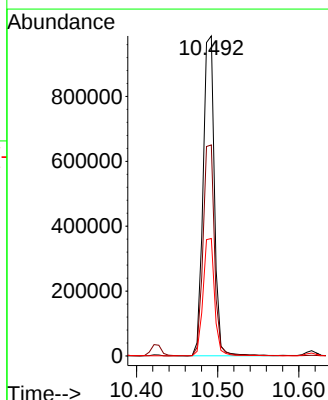
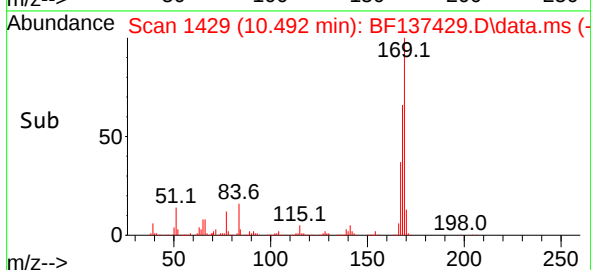
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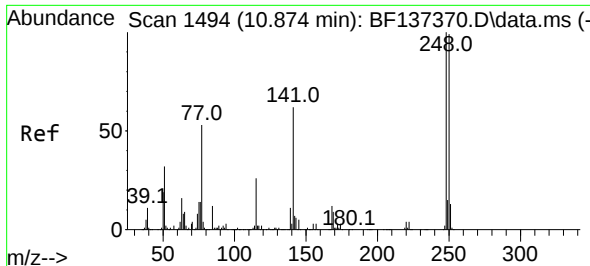


#66
n-Nitrosodiphenylamine
Concen: 46.519 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22



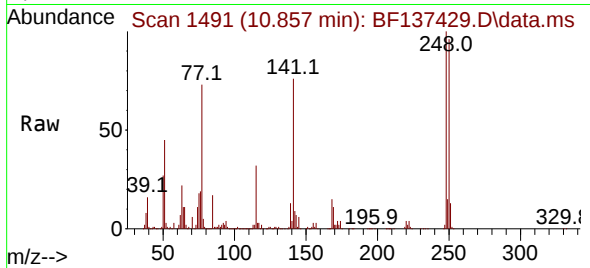
Tgt Ion:169 Resp: 953161
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.4
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.031 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



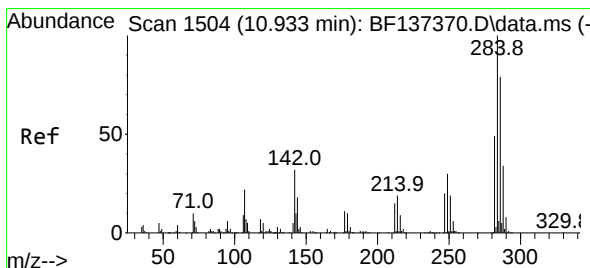
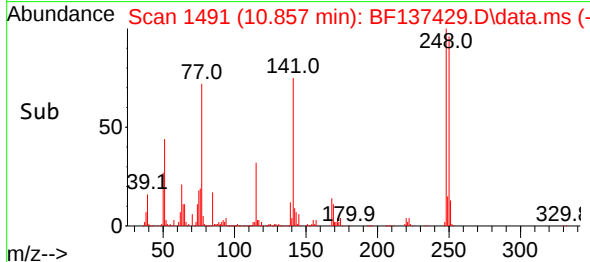
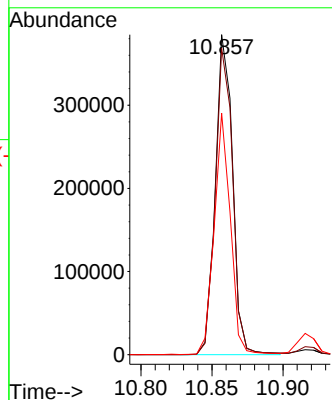
Tgt Ion:248 Resp: 325762
Ion Ratio Lower Upper
248 100
250 95.8 79.0 118.6
141 75.5 49.9 74.9

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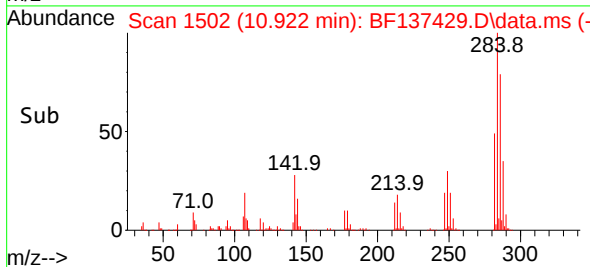
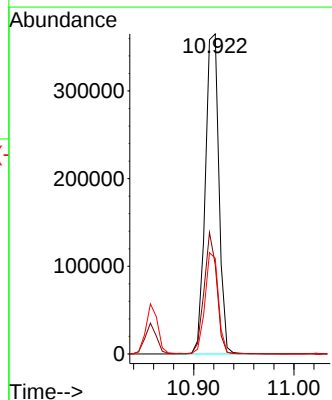
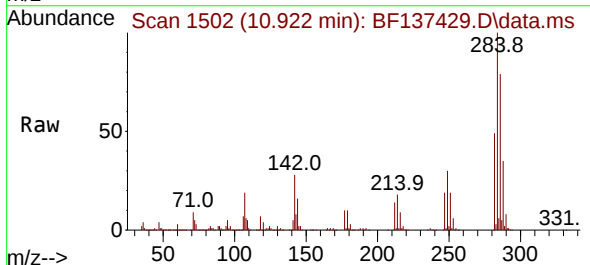
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Supervised By :mohammad
ahmed

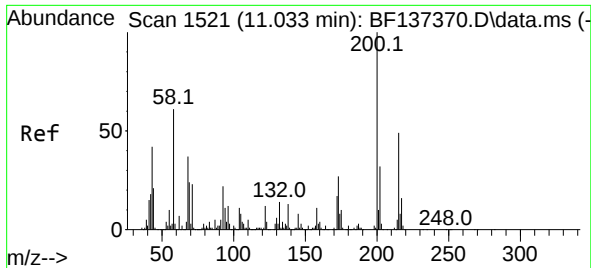
03/01/2024



#68
Hexachlorobenzene
Concen: 49.434 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

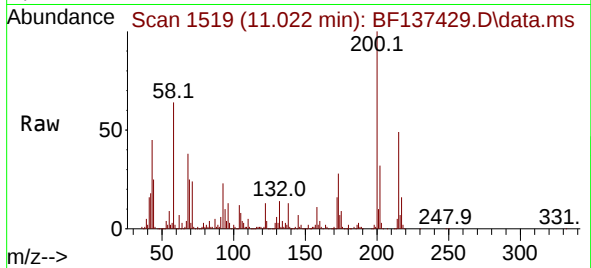
Tgt Ion:284 Resp: 346833
Ion Ratio Lower Upper
284 100
142 28.0 25.4 38.0
249 29.9 24.2 36.4





#69
Atrazine
Concen: 59.921 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



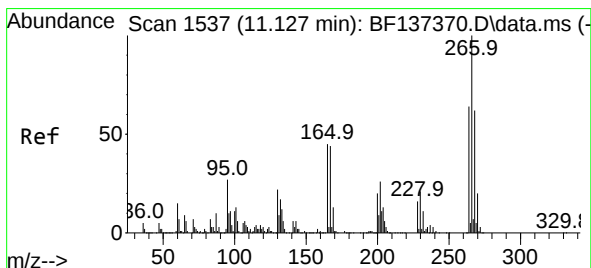
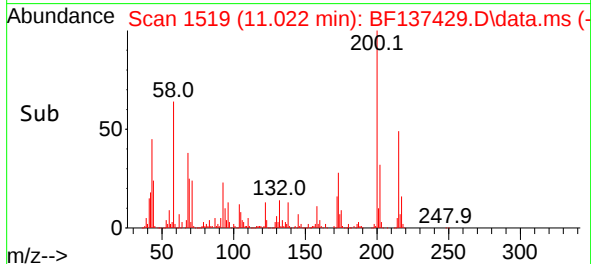
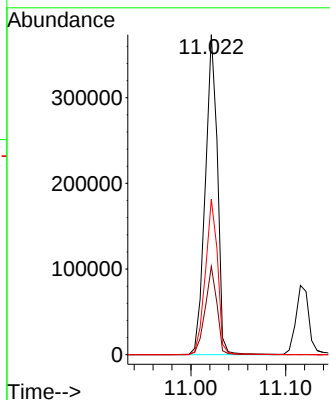
Tgt Ion:200 Resp: 331334
Ion Ratio Lower Upper
200 100
173 27.6 6.8 46.8
215 48.6 29.4 69.4

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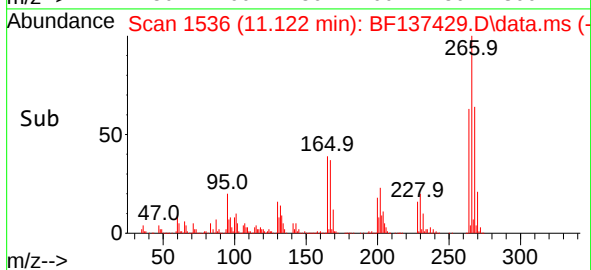
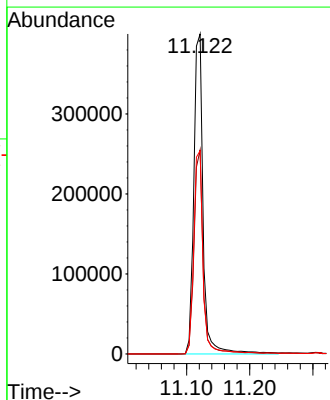
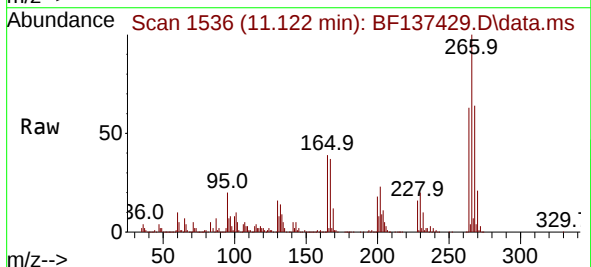
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Supervised By :mohammad
ahmed

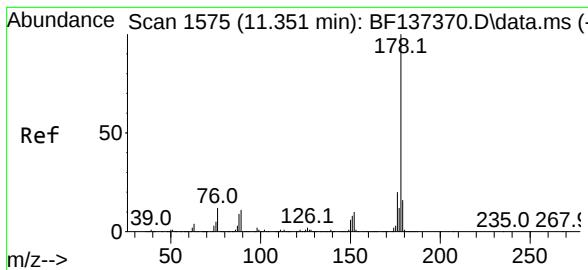
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#70
Pentachlorophenol
Concen: 92.121 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:266 Resp: 409501
Ion Ratio Lower Upper
266 100
268 63.8 49.4 74.2
264 63.5 51.3 76.9





#71
Phenanthrene
Concen: 47.682 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:178 Resp: 165968
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.7 12.7 19.1

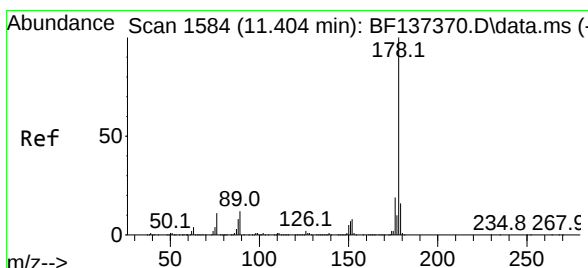
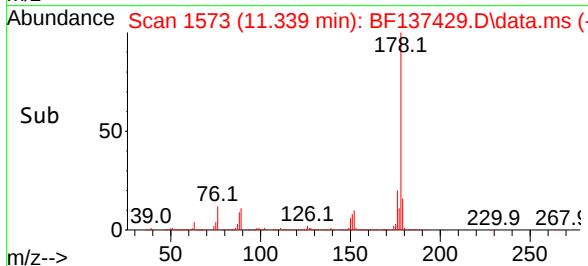
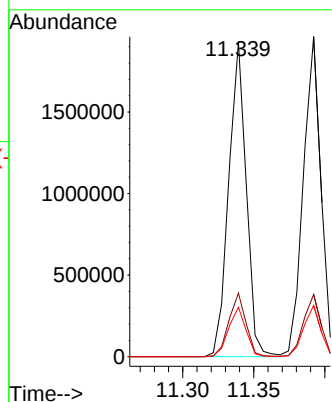
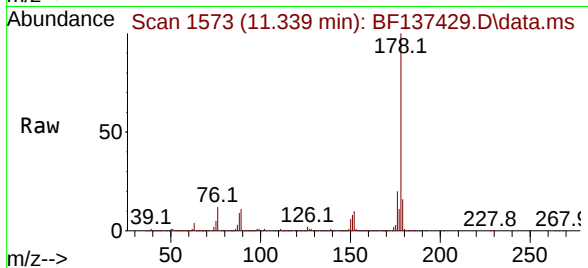
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Upadhyay

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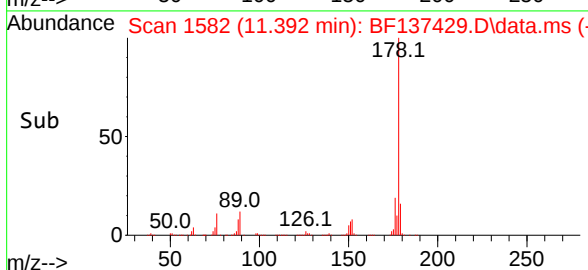
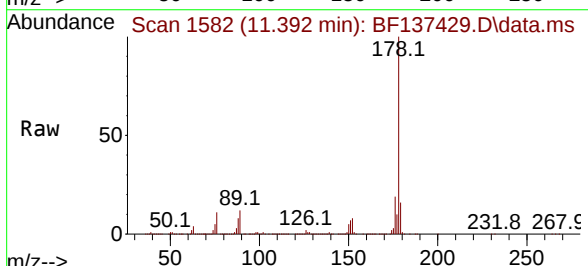
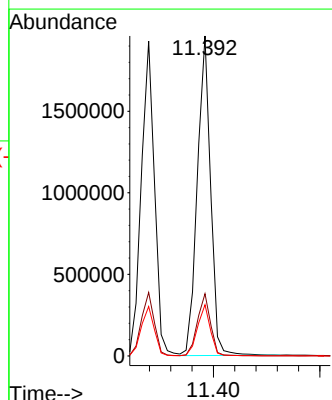
Supervised By :mohammad
ahmed

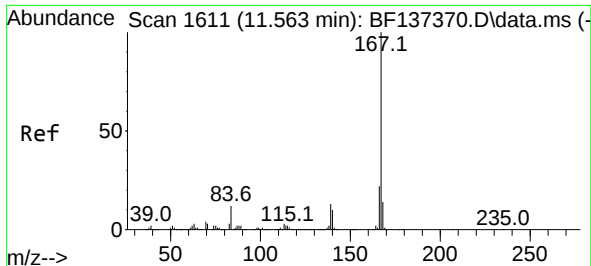
03/01/2024



#72
Anthracene
Concen: 47.467 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

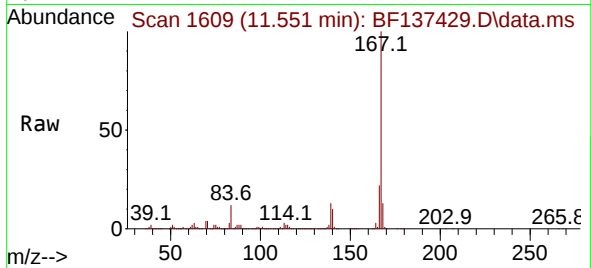
Tgt Ion:178 Resp: 1702676
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 16.0 12.6 18.8





#73
 Carbazole
 Concen: 51.465 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.012 min
 Lab File: BF137429.D
 Acq: 28 Feb 2024 18:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS



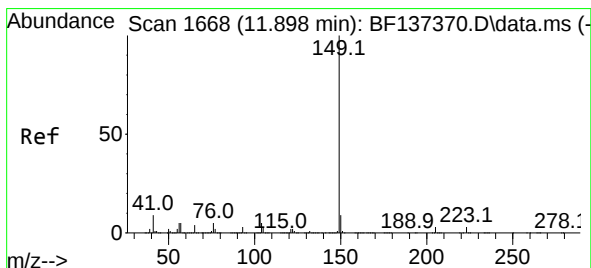
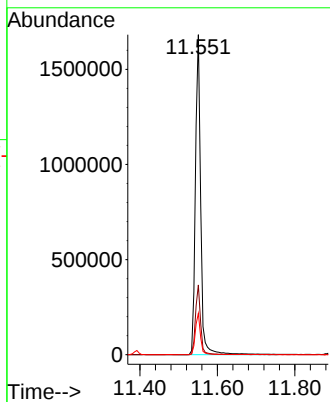
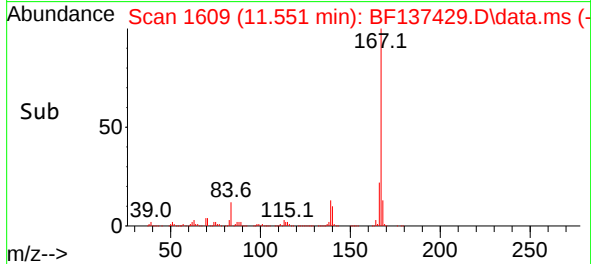
Tgt Ion:167 Resp: 1577308
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 12.9 10.0 15.0

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 Upadhyay

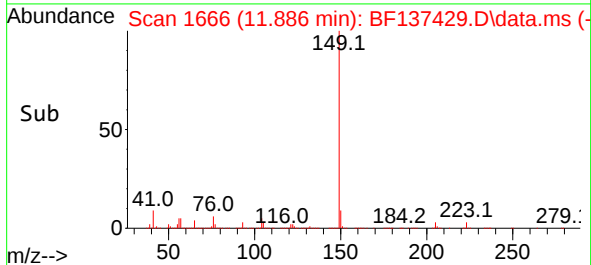
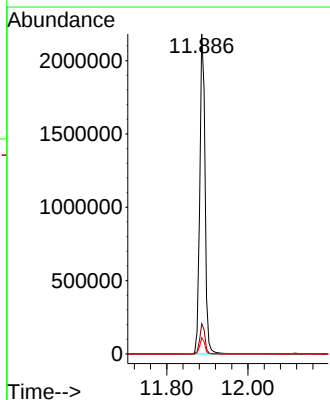
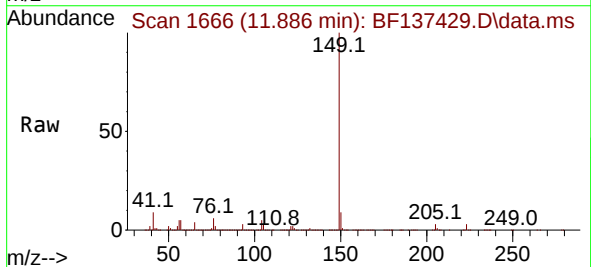
02/29/2024
 Supervised By :mohammad
 ahmed

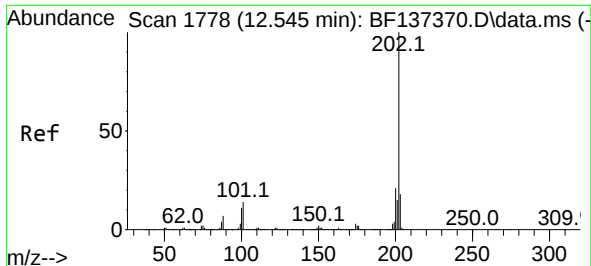
03/01/2024



#74
 Di-n-butylphthalate
 Concen: 65.028 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF137429.D
 Acq: 28 Feb 2024 18:22

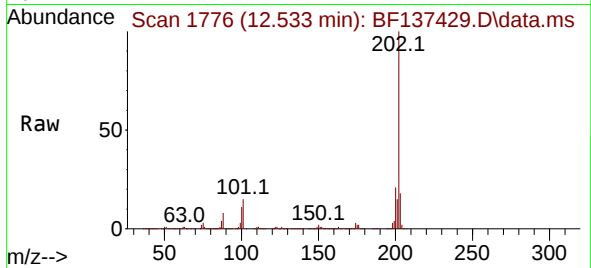
Tgt Ion:149 Resp: 1994180
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 51.259 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



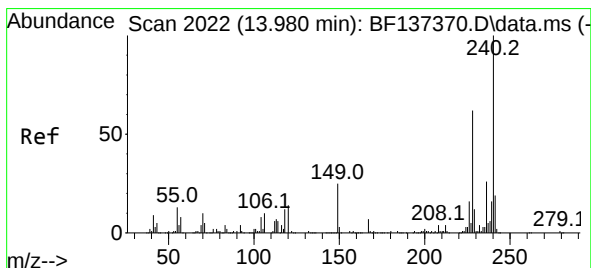
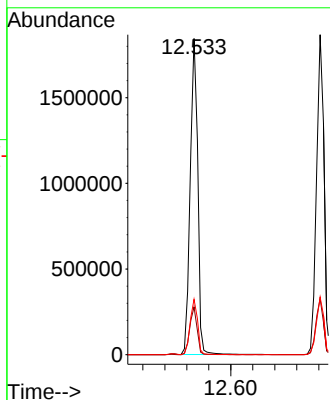
Tgt Ion:202 Resp: 1741574
Ion Ratio Lower Upper
202 100
101 15.1 0.0 33.9
203 17.5 0.0 37.8

Manual Integrations
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Upadhyay

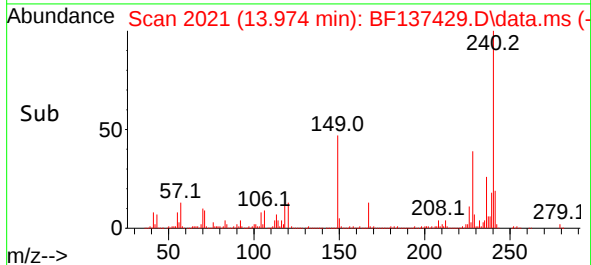
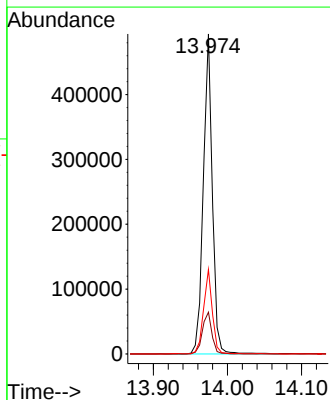
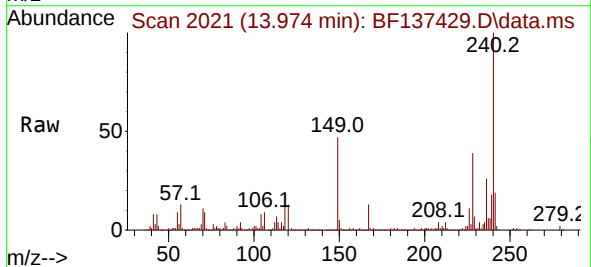
02/29/2024
Supervised By :mohammad
ahmed

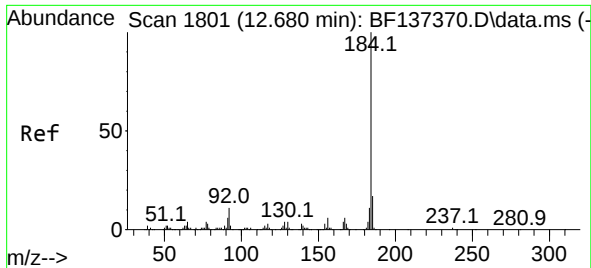
03/01/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:240 Resp: 418571
Ion Ratio Lower Upper
240 100
120 13.1 11.3 16.9
236 26.4 20.5 30.7





#77
Benzidine
Concen: 13.862 ng
RT: 12.668 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

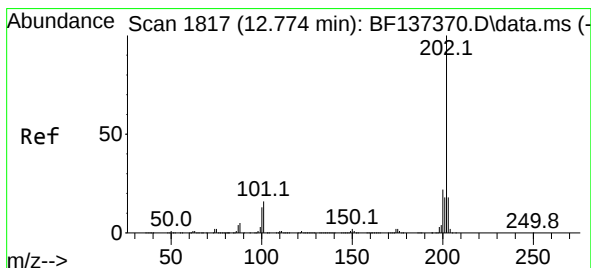
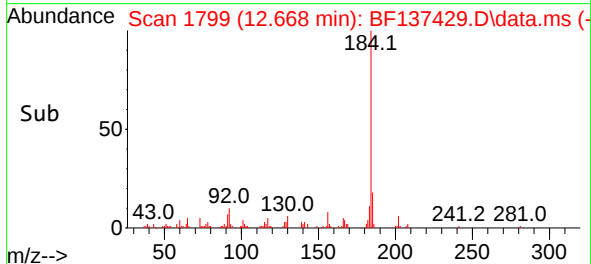
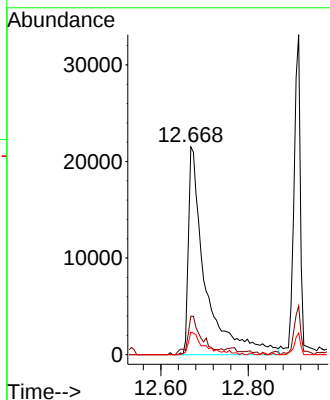
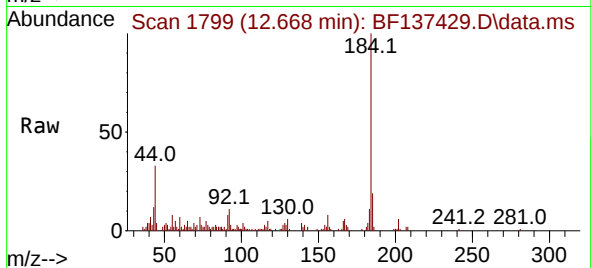
Tgt Ion:184 Resp: 5787
Ion Ratio Lower Upper
184 100
185 18.6 13.7 20.5
183 10.9 8.8 13.2

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Reviewed By :Jagrut
Upadhyay

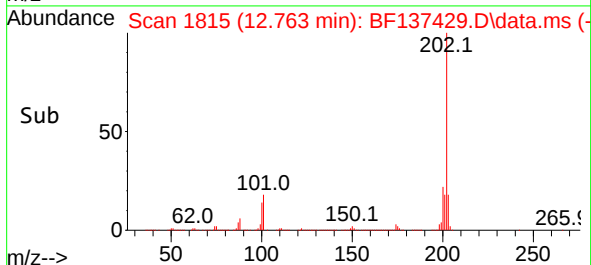
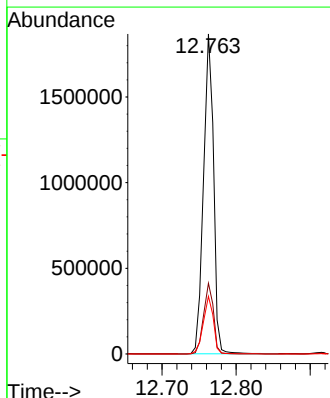
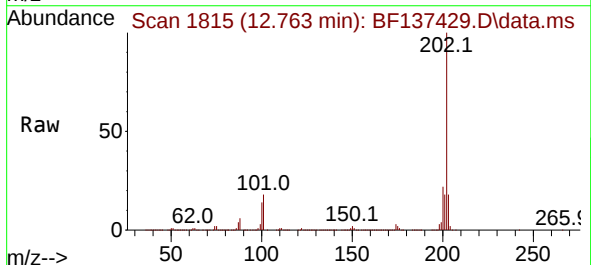
02/29/2024
Supervised By :mohammad
ahmed

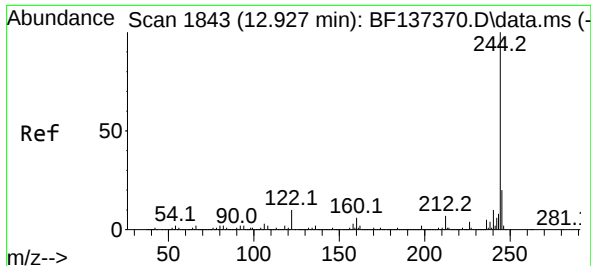
03/01/2024



#78
Pyrene
Concen: 44.603 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:202 Resp: 1765335
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 18.0 14.2 21.2





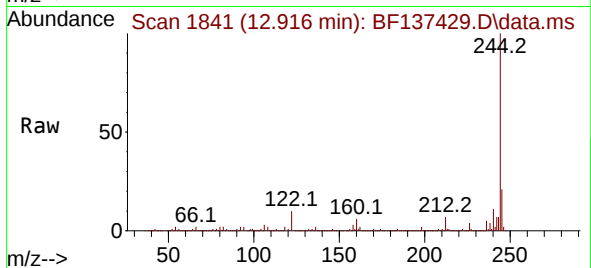
#79
Terphenyl-d14
Concen: 86.419 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS



Tgt Ion:244 Resp: 2586188
Ion Ratio Lower Upper
244 100
212 6.9 5.3 7.9
122 10.4 8.2 12.4

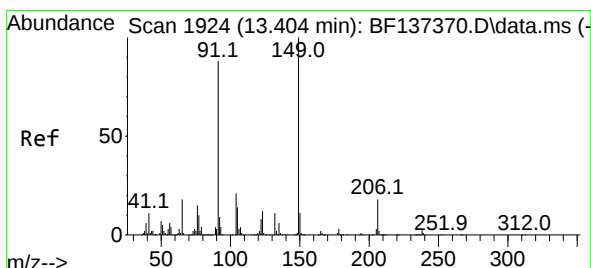
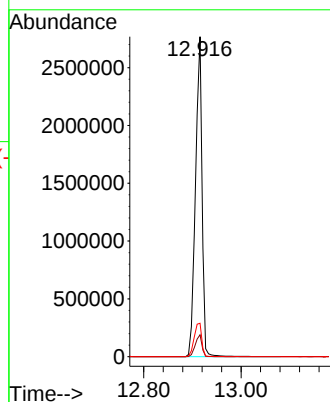
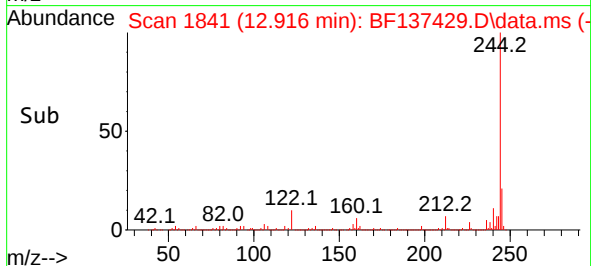
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Reviewed By :Jagrut
Upadhyay

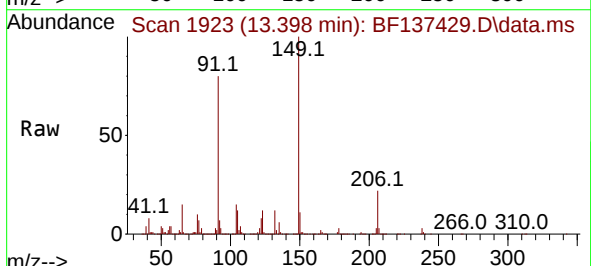
02/29/2024

Supervised By :mohammad
ahmed

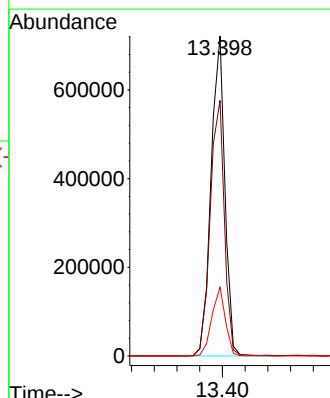
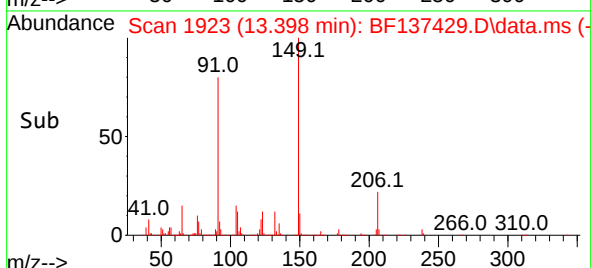
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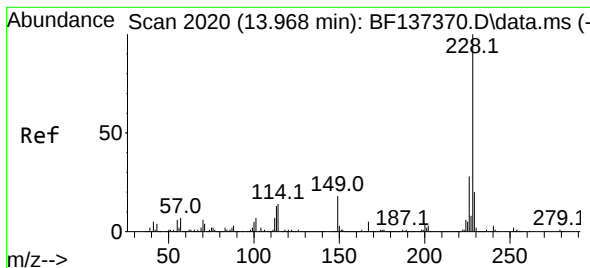


#80
Butylbenzylphthalate
Concen: 82.291 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22



Tgt Ion:149 Resp: 607142
Ion Ratio Lower Upper
149 100
91 79.8 70.5 105.7
206 21.5 14.8 22.2





#81

Benzo(a)anthracene

Concen: 50.549 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137429.D

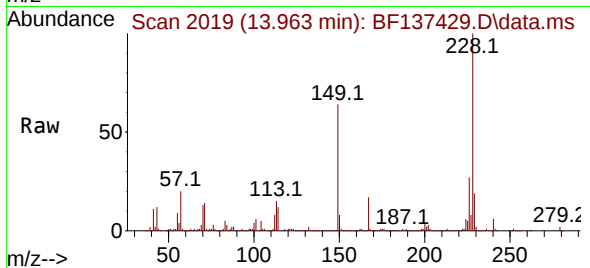
Acq: 28 Feb 2024 18:22

Instrument :

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ClientSampleId :

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Tgt Ion:228 Resp: 1468220

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.1 15.7 23.5

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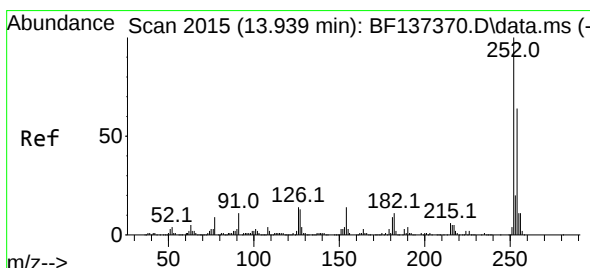
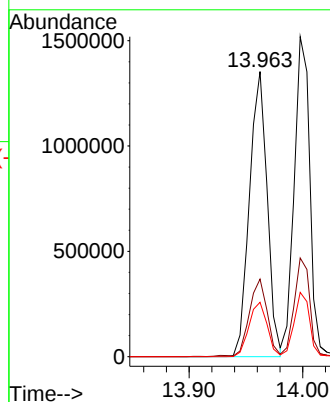
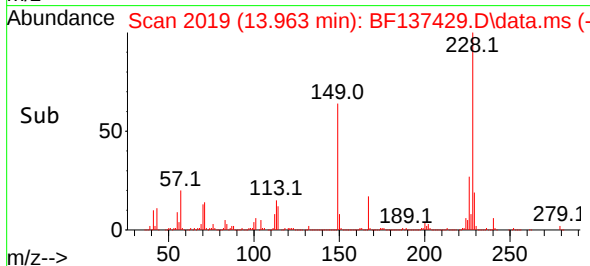
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Reviewed By :Jagrut
Upadhyay

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ahmed

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#82

3,3'-Dichlorobenzidine

Concen: 48.579 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF137429.D

Acq: 28 Feb 2024 18:22

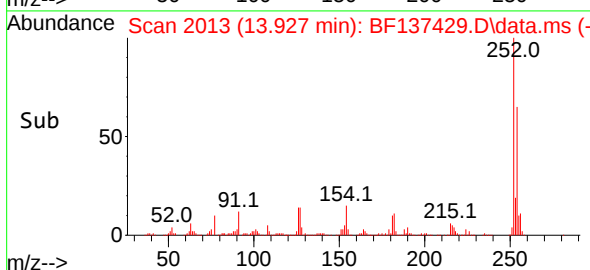
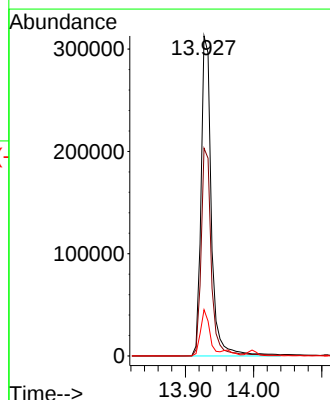
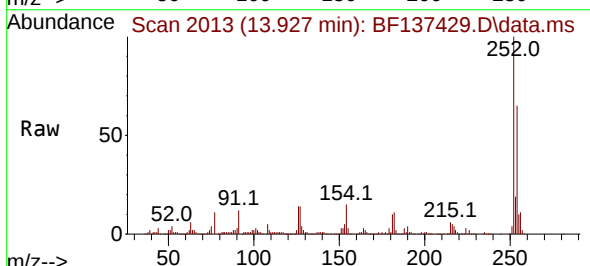
Tgt Ion:252 Resp: 329491

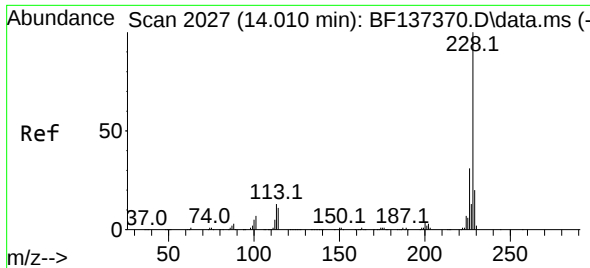
Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

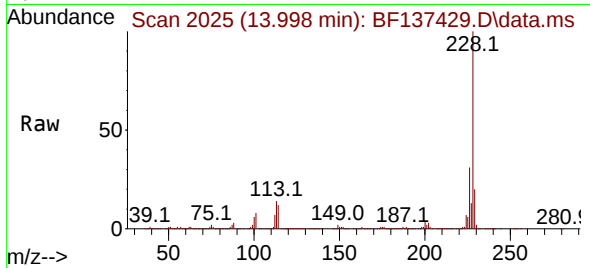
126 14.5 11.1 16.7





#83
Chrysene
Concen: 49.220 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



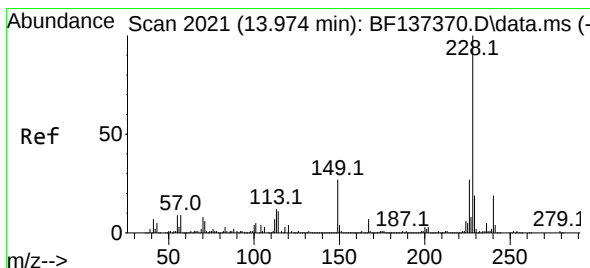
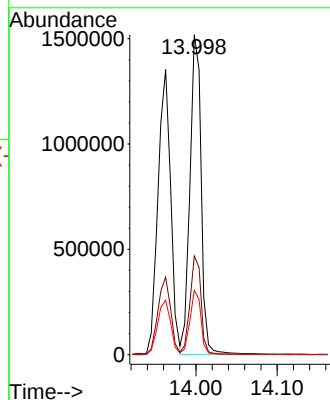
Tgt Ion:228 Resp: 1460400
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.1 15.8 23.8

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Upadhyay

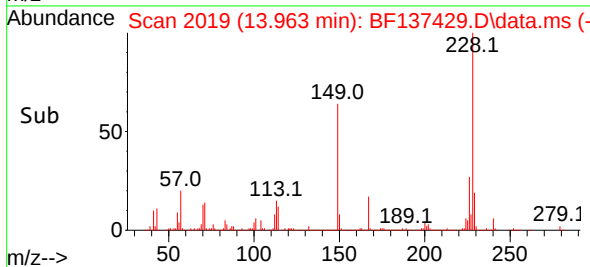
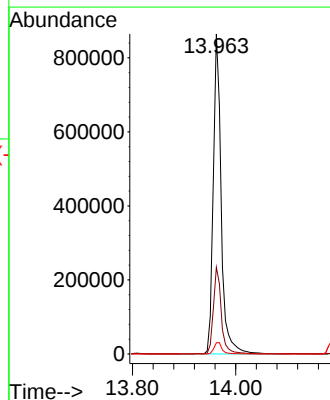
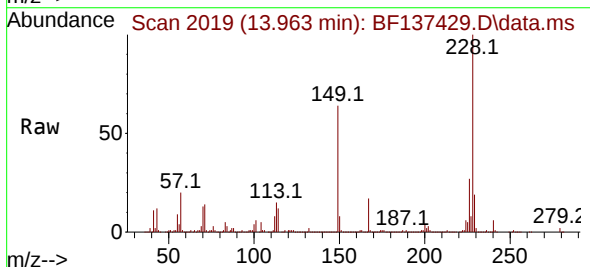
02/29/2024
Supervised By :mohammad
ahmed

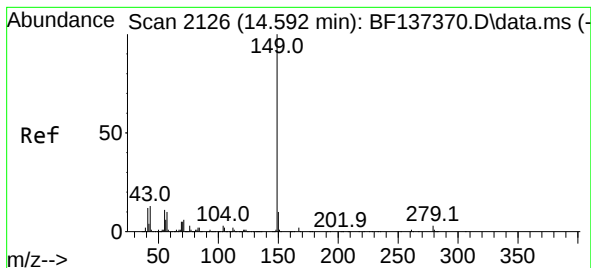
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#84
Bis(2-ethylhexyl)phthalate
Concen: 94.813 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

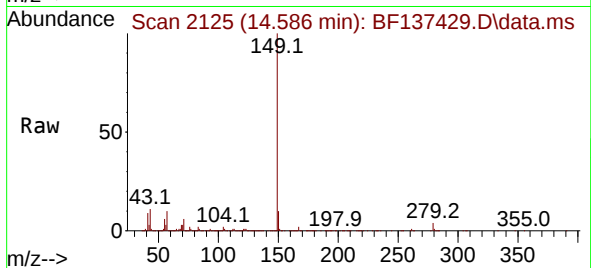
Tgt Ion:149 Resp: 923551
Ion Ratio Lower Upper
149 100
167 27.1 20.6 31.0
279 3.5 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 90.418 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



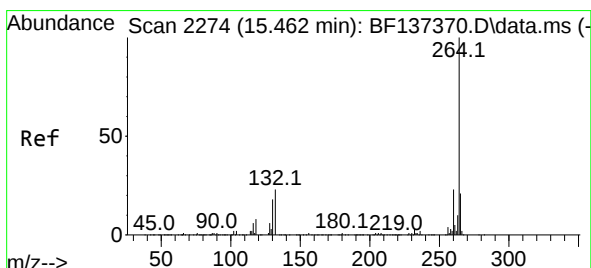
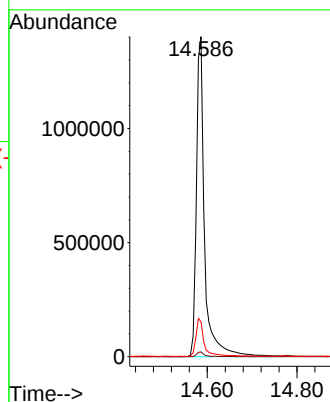
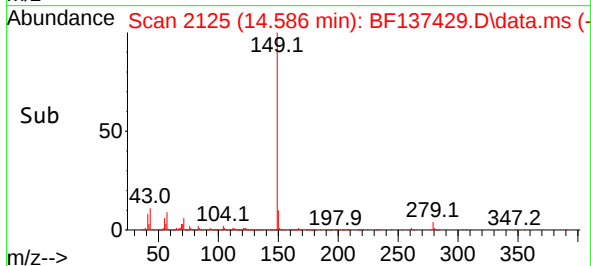
Tgt Ion:149 Resp: 176111
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.0 13.7 20.5

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Upadhyay

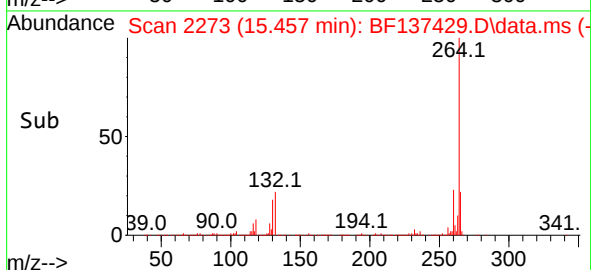
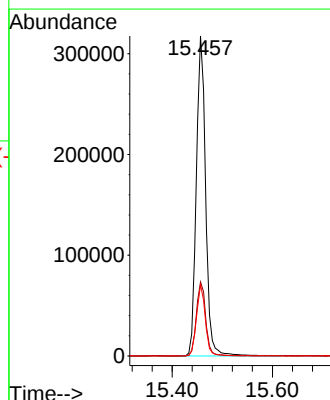
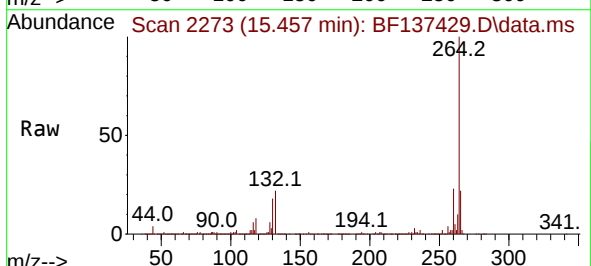
02/29/2024
Supervised By :mohammad
ahmed

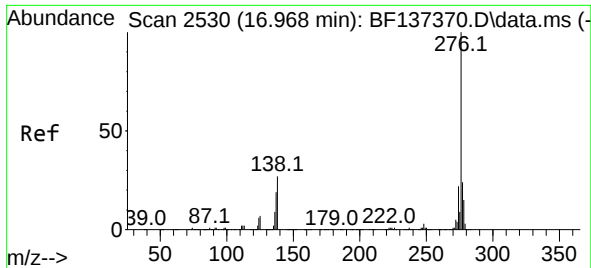
03/01/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:264 Resp: 409131
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 22.2 16.9 25.3





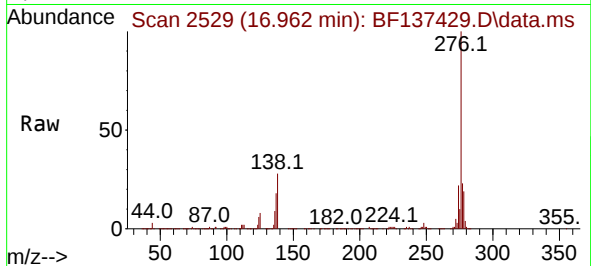
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.798 ng
RT: 16.962 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS



Tgt Ion:276 Resp: 1176990
Ion Ratio Lower Upper
276 100
138 31.8 25.8 38.8
277 24.7 19.6 29.4

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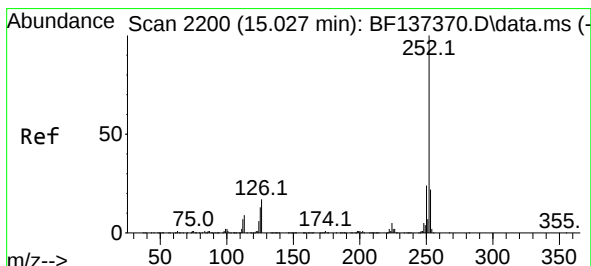
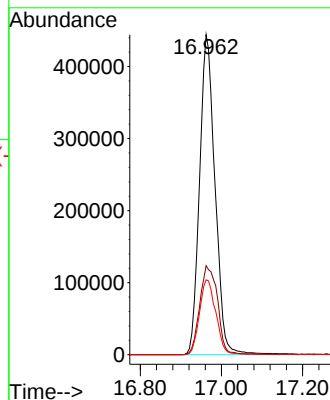
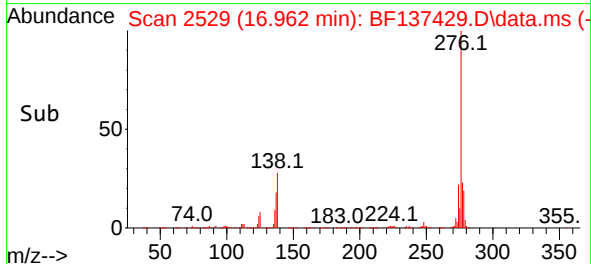
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Reviewed By :Jagrut
Upadhyay

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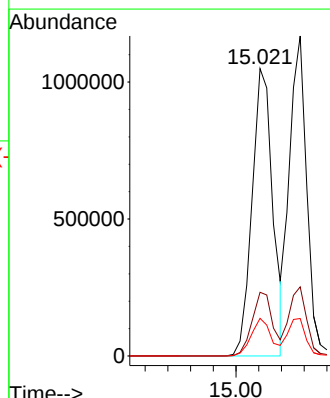
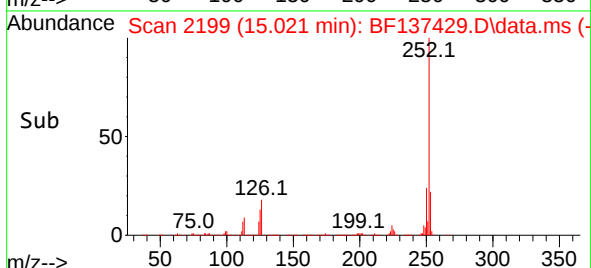
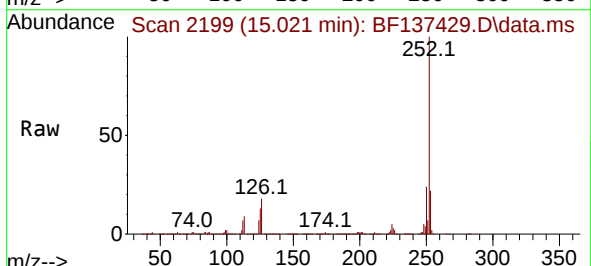
Supervised By :mohammad
ahmed

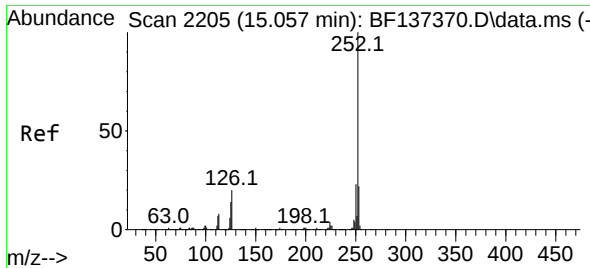
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#88
Benzo(b)fluoranthene
Concen: 52.898 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

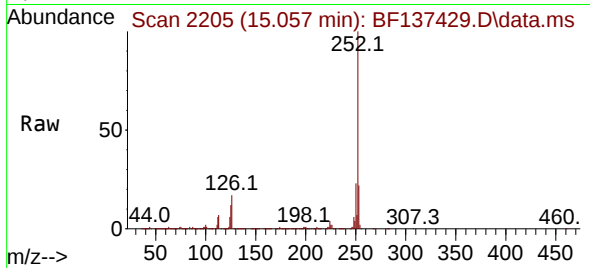
Tgt Ion:252 Resp: 1327633
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 13.1 10.2 15.2





#89
Benzo(k)fluoranthene
Concen: 47.762 ng
RT: 15.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



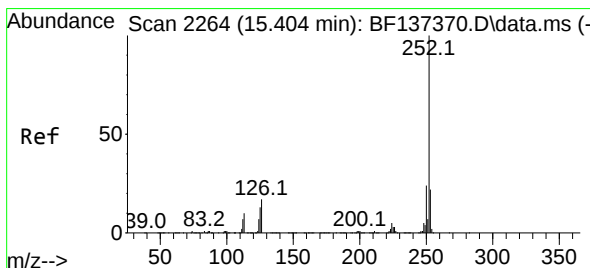
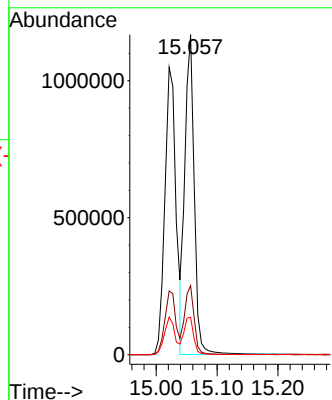
Tgt Ion:252 Resp: 125640
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.7 10.7 16.1

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Upadhyay

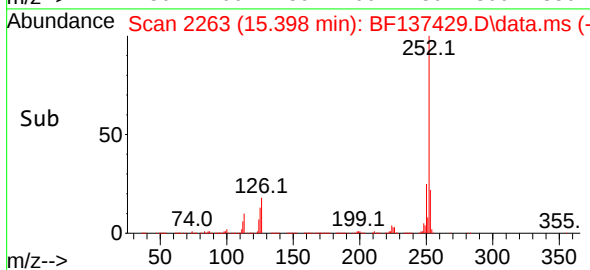
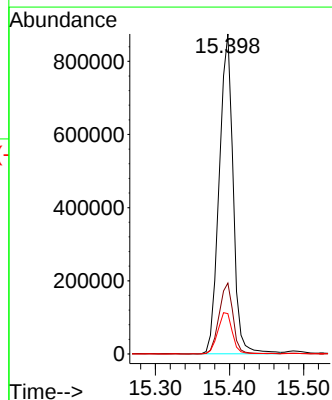
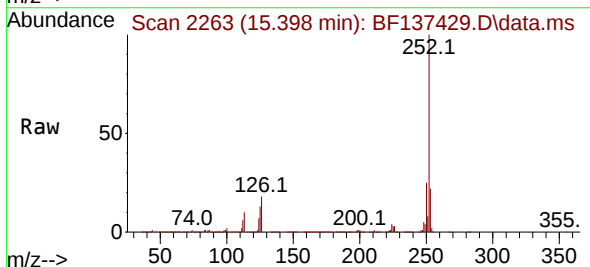
02/29/2024
Supervised By :mohammad
ahmed

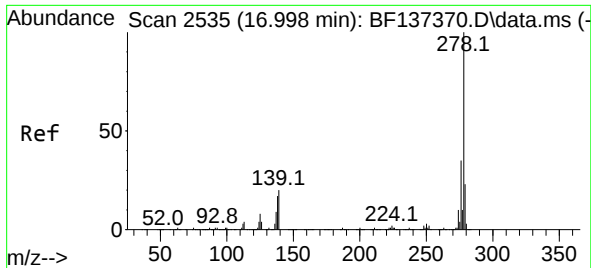
03/01/2024



#90
Benzo(a)pyrene
Concen: 47.934 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:252 Resp: 1141138
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 12.6 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 41.830 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.012 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:278 Resp: 96620
Ion Ratio Lower Upper
278 100
139 21.4 16.2 24.4
279 23.6 18.5 27.7

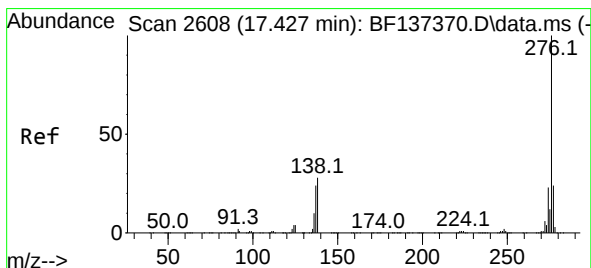
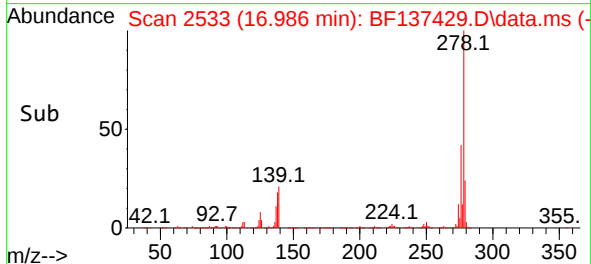
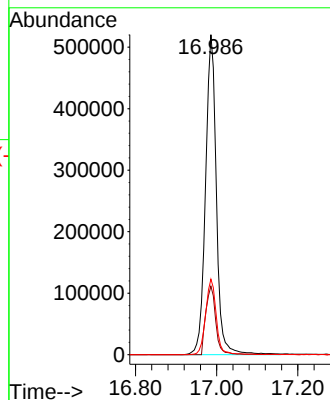
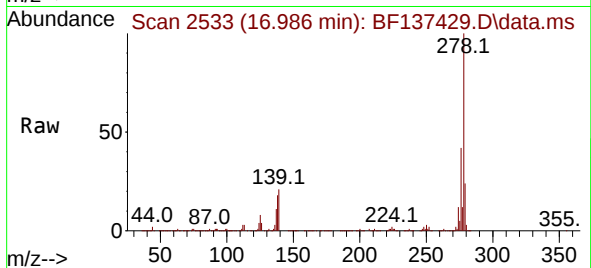
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Reviewed By :Jagrut
Upadhyay

02/29/2024

Supervised By :mohammad
ahmed

03/01/2024



#92
Benzo(g,h,i)perylene
Concen: 37.585 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.006 min
Lab File: BF137429.D
Acq: 28 Feb 2024 18:22

Tgt Ion:276 Resp: 890667
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 27.1 22.6 33.8

