

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
 Data File : BF137363.D
 Acq On : 12 Feb 2024 18:26
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021224

Quant Time: Feb 13 02:27:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 13 02:26:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	222433	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	895182	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	488851	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	853807	20.000	ng	0.00
76) Chrysene-d12	13.969	240	493490	20.000	ng	0.00
86) Perylene-d12	15.445	264	461893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1206469	81.300	ng	0.00
7) Phenol-d6	6.422	99	1641509	79.200	ng	0.00
23) Nitrobenzene-d5	7.351	82	1427867	81.873	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	372651	83.012	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2368984	71.790	ng	0.00
79) Terphenyl-d14	12.910	244	2724108	79.008	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	306929	39.181	ng	98
3) Pyridine	3.281	79	731638	42.726	ng	100
4) n-Nitrosodimethylamine	3.252	42	277530	39.979	ng	99
6) Aniline	6.451	93	825288	42.670	ng	99
8) 2-Chlorophenol	6.569	128	618355	39.673	ng	99
9) Benzaldehyde	6.340	77	433292	39.880	ng	99
10) Phenol	6.440	94	898771	40.399	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	670401	39.893	ng	99
12) 1,3-Dichlorobenzene	6.722	146	694032	38.887	ng	99
13) 1,4-Dichlorobenzene	6.798	146	718090	39.063	ng	98
14) 1,2-Dichlorobenzene	6.951	146	650147	38.694	ng	99
15) Benzyl Alcohol	6.928	79	500889	43.486	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	989901	38.705	ng	99
17) 2-Methylphenol	7.040	107	537868	40.638	ng	99
18) Hexachloroethane	7.293	117	247790	38.503	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	470933	39.851	ng	97
20) 3+4-Methylphenols	7.193	107	619766	40.127	ng	95
22) Acetophenone	7.198	105	827749	37.988	ng	# 95
24) Nitrobenzene	7.369	77	754369	41.233	ng	97
25) Isophorone	7.604	82	1417846	38.432	ng	99
26) 2-Nitrophenol	7.681	139	306643	44.107	ng	96
27) 2,4-Dimethylphenol	7.722	122	410799	41.203	ng	100
28) bis(2-Chloroethoxy)met...	7.822	93	836705	39.877	ng	99
29) 2,4-Dichlorophenol	7.922	162	524067	40.610	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	580962	39.163	ng	100
31) Naphthalene	8.087	128	1862244	38.523	ng	100
32) Benzoic acid	7.851	122	324612	44.995	ng	96
33) 4-Chloroaniline	8.140	127	676728	43.234	ng	99
34) Hexachlorobutadiene	8.204	225	343598	38.452	ng	98
35) Caprolactam	8.516	113	170778	44.848	ng	96
36) 4-Chloro-3-methylphenol	8.622	107	571422	40.739	ng	99
37) 2-Methylnaphthalene	8.775	142	1165412	39.284	ng	99
38) 1-Methylnaphthalene	8.875	142	1159617	39.700	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	556939	37.788	ng	99
41) Hexachlorocyclopentadiene	8.928	237	192381	38.444	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	371870	39.460	ng	99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M

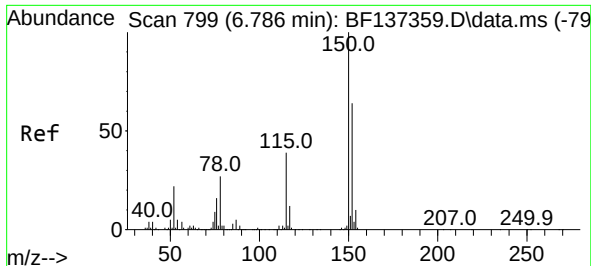
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 13 02:26:13 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	406419	39.315	ng	99
46) 1,1'-Biphenyl	9.245	154	1418992	37.337	ng	100
47) 2-Chloronaphthalene	9.269	162	1150224	37.820	ng	100
48) 2-Nitroaniline	9.369	65	319568	41.230	ng	96
49) Acenaphthylene	9.681	152	1695208	38.145	ng	100
50) Dimethylphthalate	9.551	163	1334872	38.056	ng	99
51) 2,6-Dinitrotoluene	9.610	165	295848	42.173	ng	99
52) Acenaphthene	9.857	154	1024711	37.365	ng	99
53) 3-Nitroaniline	9.781	138	284788	41.744	ng	99
54) 2,4-Dinitrophenol	9.886	184	121778	40.755	ng	# 87
55) Dibenzofuran	10.028	168	1563527	38.477	ng	99
56) 4-Nitrophenol	9.945	139	198433	42.268	ng	95
57) 2,4-Dinitrotoluene	10.016	165	372343	42.225	ng	94
58) Fluorene	10.375	166	1171763	37.306	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	332950m	40.468	ng	
60) Diethylphthalate	10.251	149	1294737	39.265	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	579592	37.197	ng	100
62) 4-Nitroaniline	10.398	138	231551	42.579	ng	97
63) Azobenzene	10.528	77	1397915	38.512	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	186037	40.429	ng	97
66) n-Nitrosodiphenylamine	10.486	169	1044544	38.756	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	373695	38.919	ng	100
68) Hexachlorobenzene	10.916	284	415657	38.307	ng	98
69) Atrazine	11.022	200	283780	46.958	ng	100
70) Pentachlorophenol	11.116	266	255852	43.399	ng	99
71) Phenanthrene	11.339	178	1749298	38.063	ng	100
72) Anthracene	11.386	178	1759206	38.458	ng	100
73) Carbazole	11.545	167	1600318	40.522	ng	99
74) Di-n-butylphthalate	11.886	149	1874487	45.457	ng	100
75) Fluoranthene	12.533	202	1787966	39.961	ng	99
77) Benzidine	12.663	184	136851m	88.010	ng	
78) Pyrene	12.763	202	1804936	39.880	ng	99
80) Butylbenzylphthalate	13.392	149	329117	51.556	ng	92
81) Benzo(a)anthracene	13.957	228	1365274	39.771	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	312511	41.802	ng	98
83) Chrysene	13.998	228	1408783	40.119	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	478836	51.267	ng	99
85) Di-n-octyl phthalate	14.580	149	843947	48.950	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.945	276	1093389	39.607	ng	99
88) Benzo(b)fluoranthene	15.016	252	1237239	40.883	ng	99
89) Benzo(k)fluoranthene	15.045	252	1104592	38.367	ng	99
90) Benzo(a)pyrene	15.386	252	1009586	39.928	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	887531	40.263	ng	99
92) Benzo(g,h,i)perylene	17.404	276	909274	39.322	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. -0.005 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

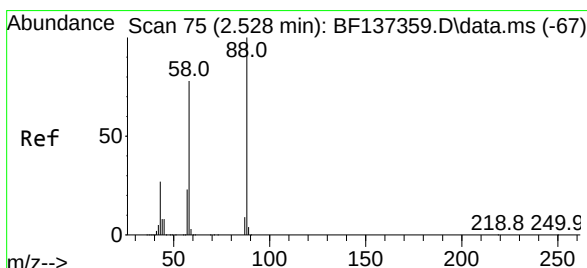
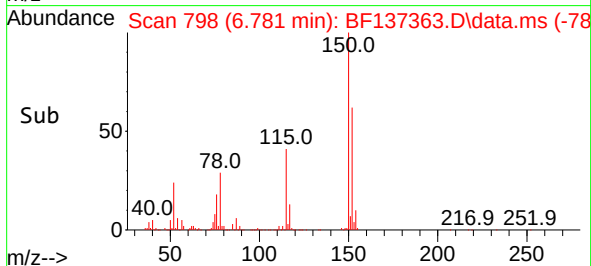
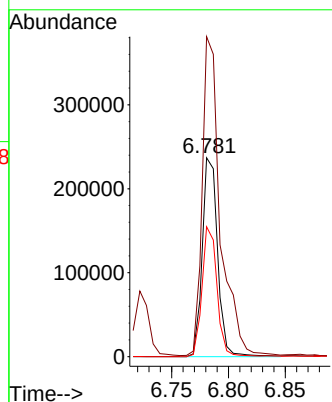
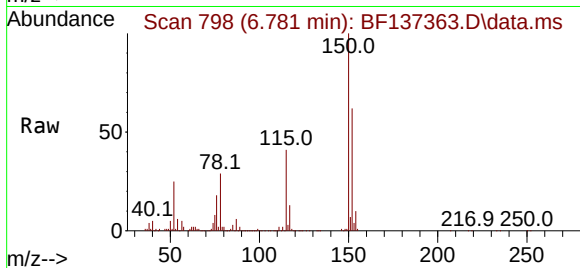
ICVBF021224

Tgt Ion:152 Resp: 22243
Ion Ratio Lower Upper
152 100
150 160.9 125.5 188.3
115 65.3 48.5 72.7

Manual Integrations

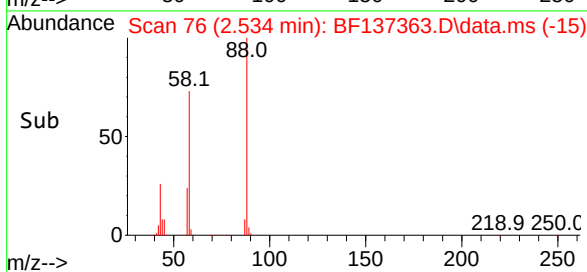
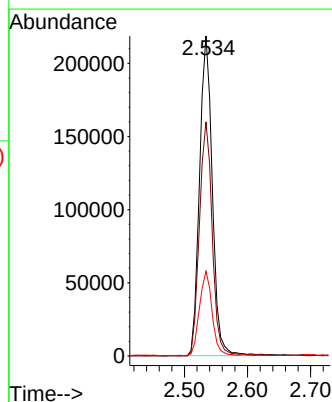
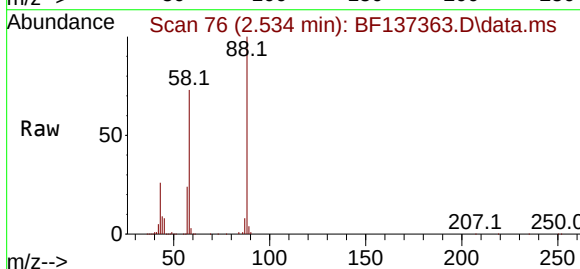
APPROVED

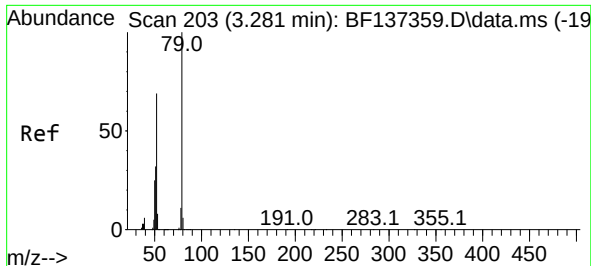
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 39.181 ng
RT: 2.534 min Scan# 76
Delta R.T. 0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion: 88 Resp: 306929
Ion Ratio Lower Upper
88 100
58 73.9 60.8 91.2
43 26.0 21.3 31.9





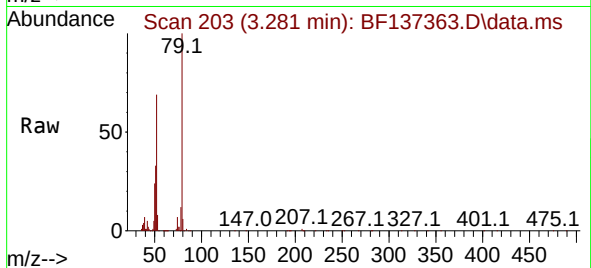
#3
Pyridine
Concen: 42.726 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



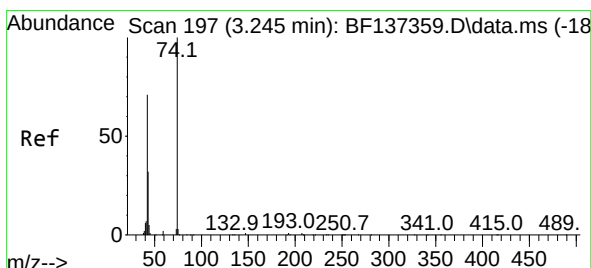
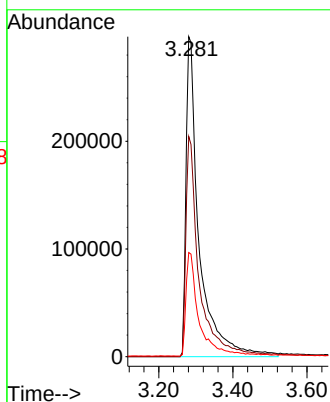
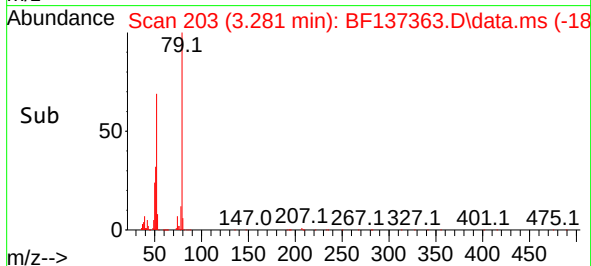
Tgt Ion: 79 Resp: 731638
Ion Ratio Lower Upper
79 100
52 68.8 55.2 82.8
51 32.5 25.8 38.8

Manual Integrations

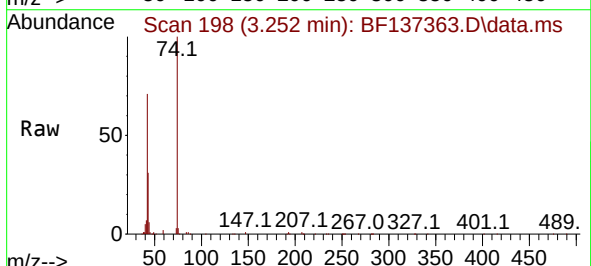
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

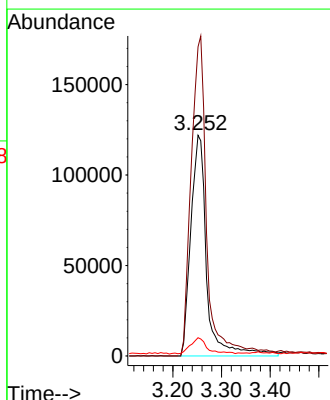
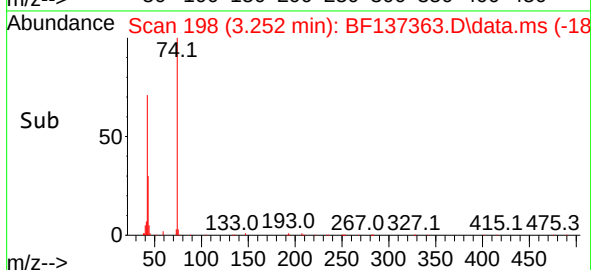
Supervised By :mohammad ahmed 02/14/2024

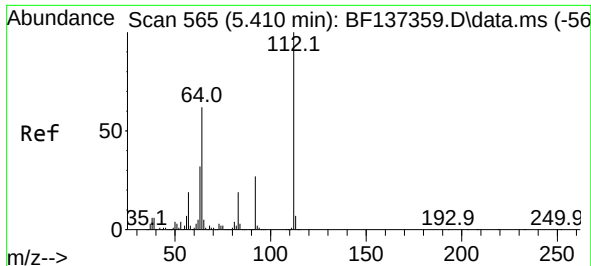


#4
n-Nitrosodimethylamine
Concen: 39.979 ng
RT: 3.252 min Scan# 198
Delta R.T. 0.007 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion: 42 Resp: 277530
Ion Ratio Lower Upper
42 100
74 140.1 113.4 170.0
44 8.2 6.8 10.2





#5
2-Fluorophenol
Concen: 81.300 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

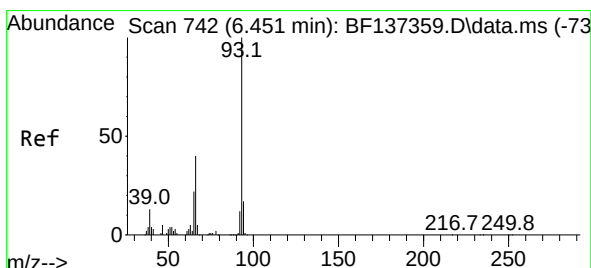
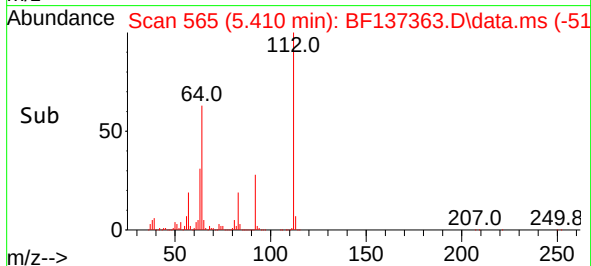
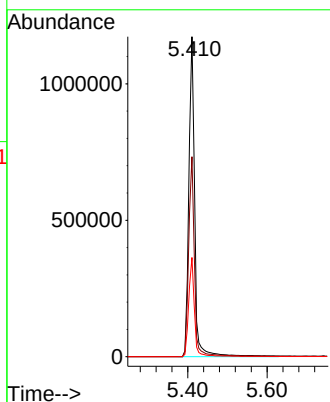
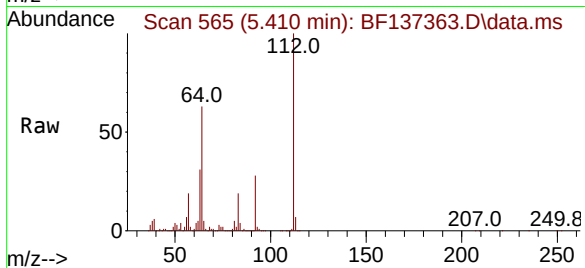
Tgt Ion:112 Resp: 1206469
Ion Ratio Lower Upper
112 100
64 62.5 49.9 74.9
63 31.0 25.3 37.9

Manual Integrations

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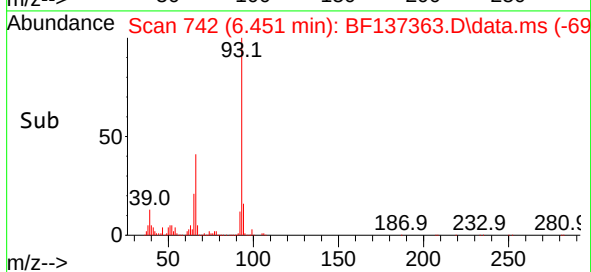
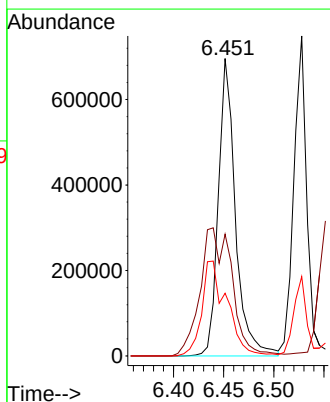
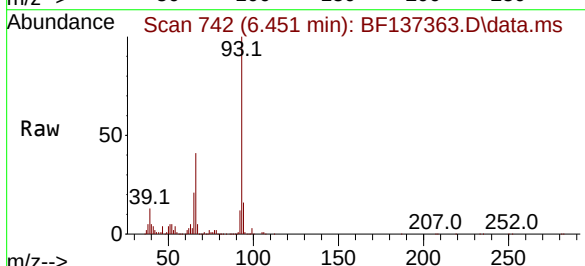
Reviewed By :Yogesh Patel 02/14/2024

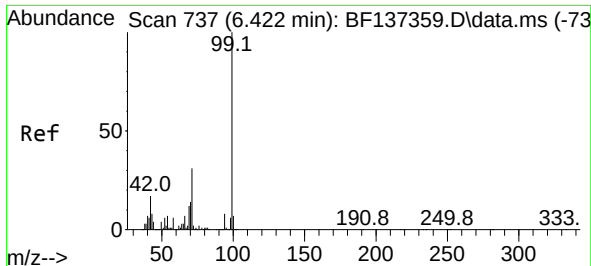
Supervised By :mohammad ahmed 02/14/2024



#6
Aniline
Concen: 42.670 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion: 93 Resp: 825288
Ion Ratio Lower Upper
93 100
66 41.0 32.8 49.2
65 21.1 17.4 26.2





#7

Phenol-d6

Concen: 79.200 ng

RT: 6.422 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

Tgt Ion: 99 Resp: 1641509

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

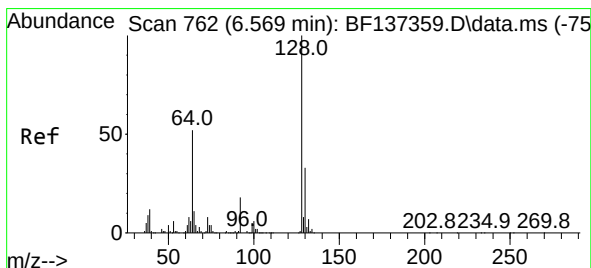
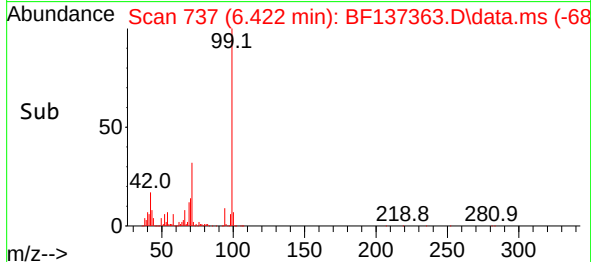
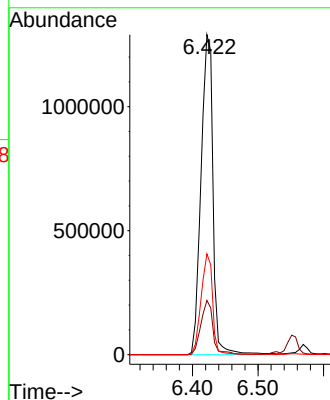
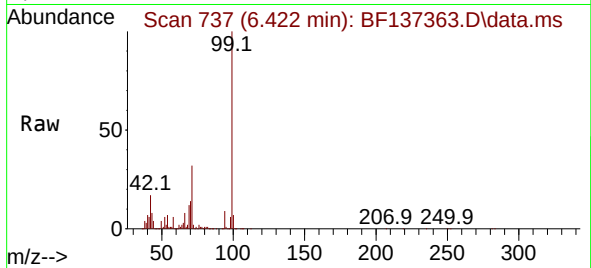
71 31.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#8

2-Chlorophenol

Concen: 39.673 ng

RT: 6.569 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

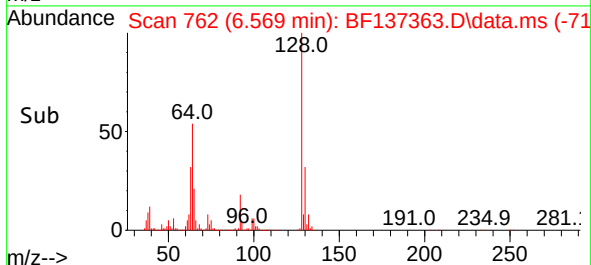
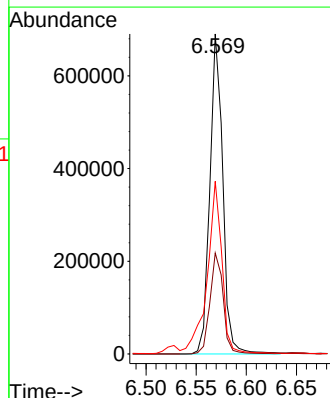
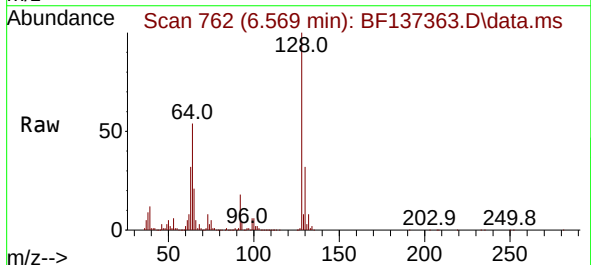
Tgt Ion:128 Resp: 618355

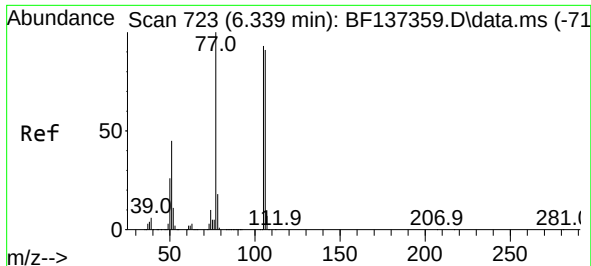
Ion Ratio Lower Upper

128 100

130 31.5 12.5 52.5

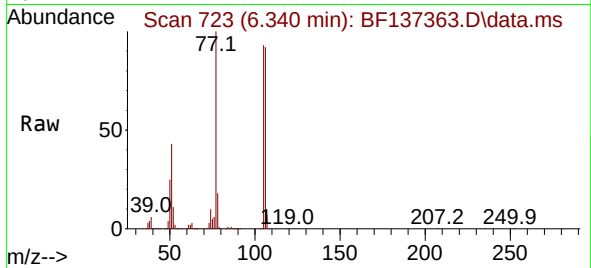
64 53.9 33.5 73.5





#9
Benzaldehyde
Concen: 39.880 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

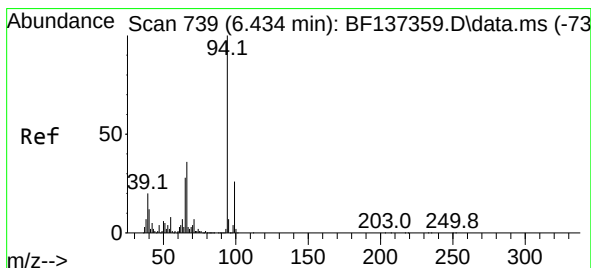
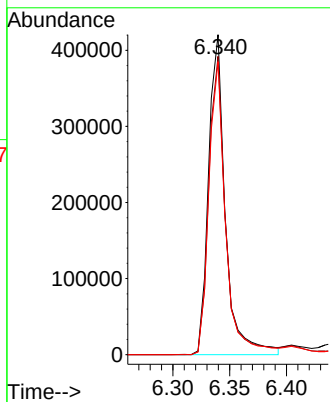
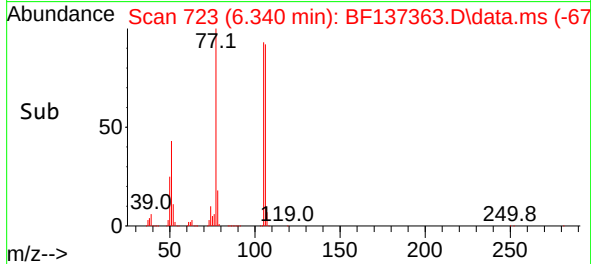
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



Tgt Ion: 77 Resp: 433292
Ion Ratio Lower Upper
77 100
105 93.2 73.4 113.4
106 91.6 70.5 110.5

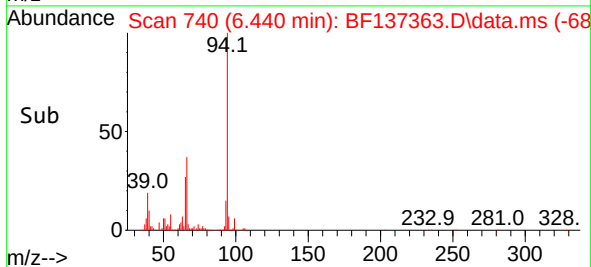
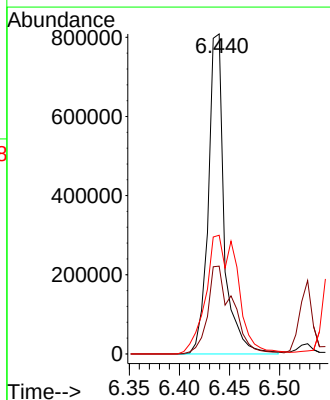
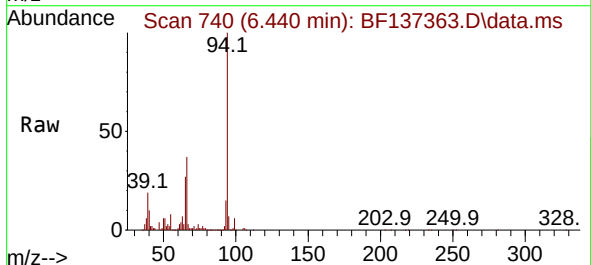
Manual Integrations
APPROVED

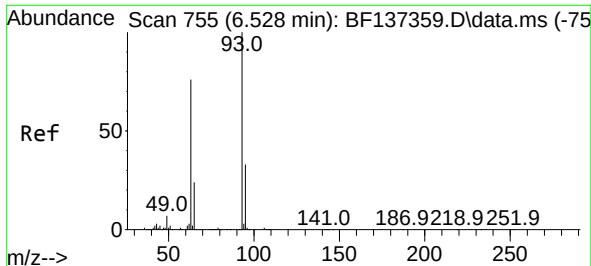
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#10
Phenol
Concen: 40.399 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion: 94 Resp: 898771
Ion Ratio Lower Upper
94 100
65 27.5 7.5 47.5
66 37.1 16.4 56.4





#11
bis(2-Chloroethyl)ether
Concen: 39.893 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

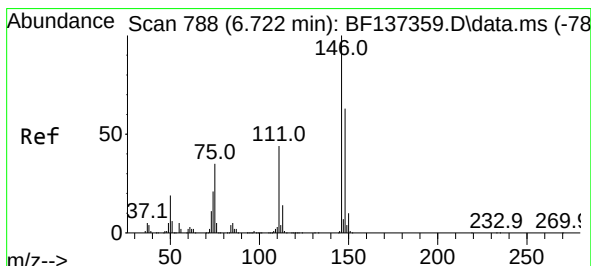
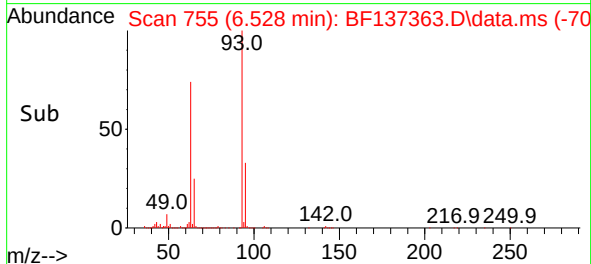
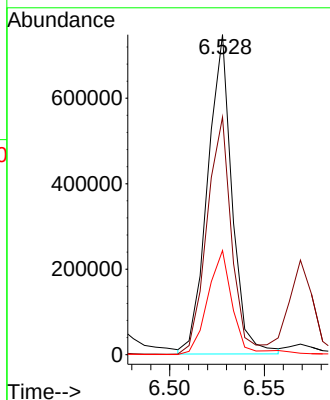
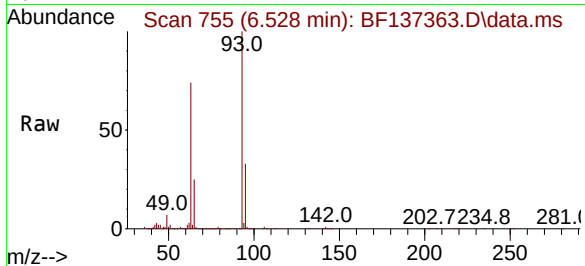
ClientSampleId :

ICVBF021224

Tgt Ion: 93 Resp: 67040
Ion Ratio Lower Upper
93 100
63 74.2 54.9 94.9
95 32.6 12.6 52.6

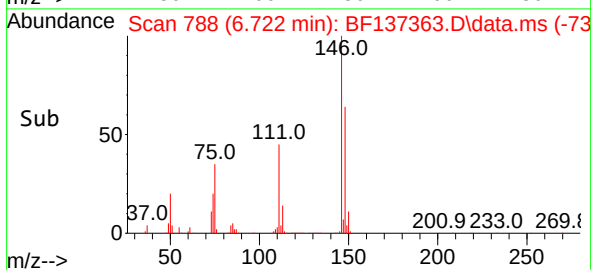
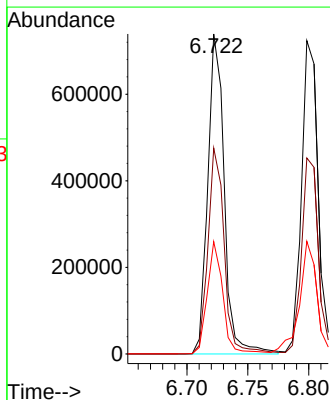
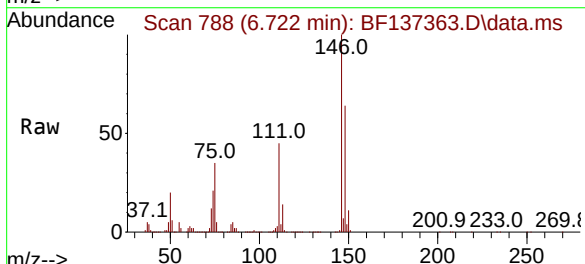
Manual Integrations
APPROVED

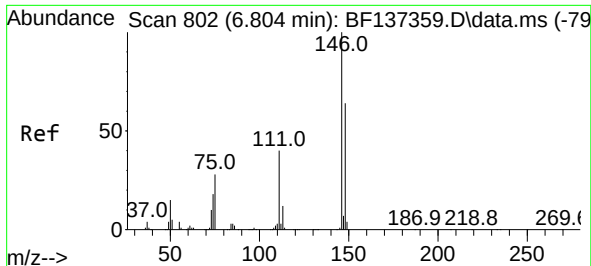
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#12
1,3-Dichlorobenzene
Concen: 38.887 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:146 Resp: 694032
Ion Ratio Lower Upper
146 100
148 64.4 50.2 75.2
75 35.1 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 39.063 ng

RT: 6.798 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

Tgt Ion:146 Resp: 718090

Ion Ratio Lower Upper

146 100

148 62.6 51.2 76.8

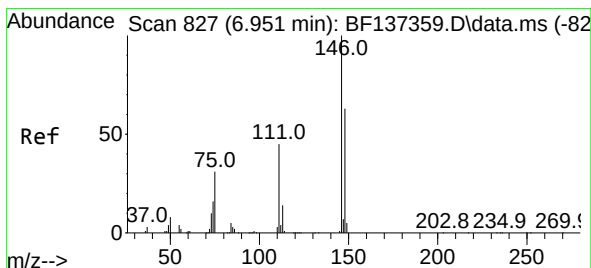
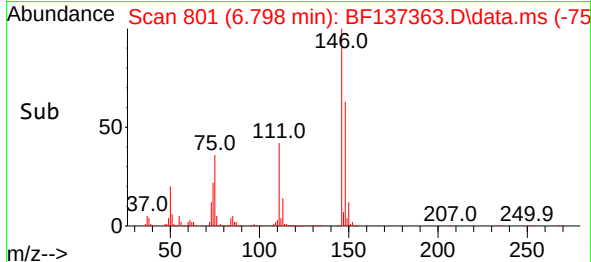
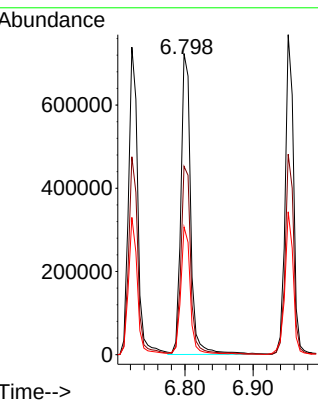
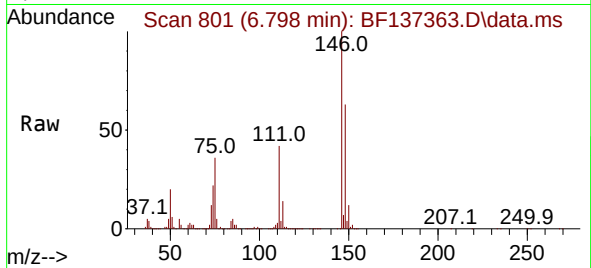
111 42.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#14

1,2-Dichlorobenzene

Concen: 38.694 ng

RT: 6.951 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

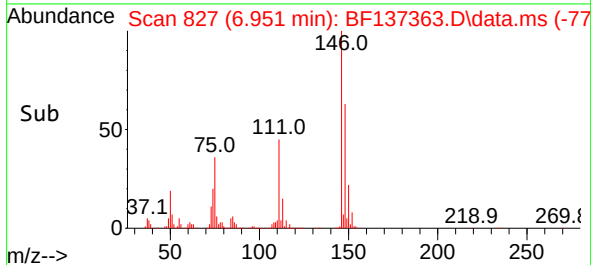
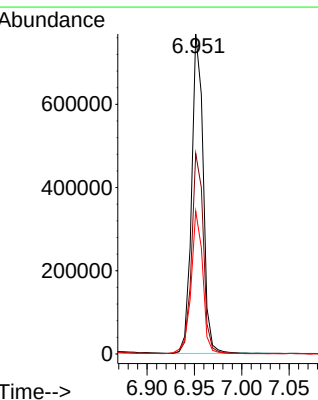
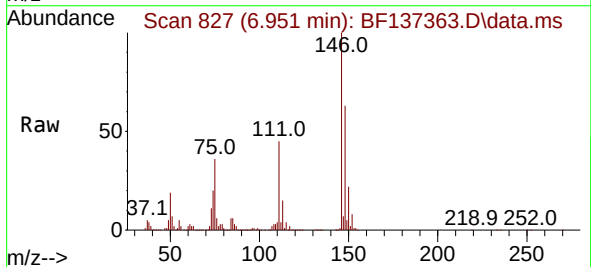
Tgt Ion:146 Resp: 650147

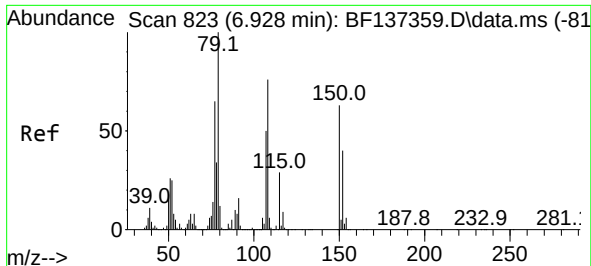
Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

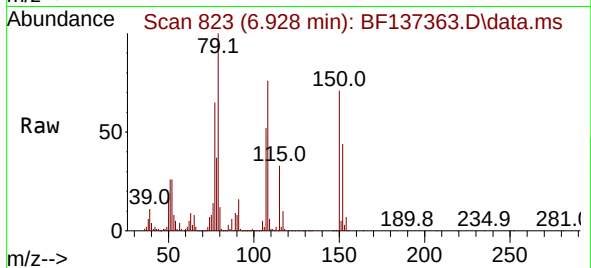
111 44.6 36.5 54.7





#15
Benzyl Alcohol
Concen: 43.486 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

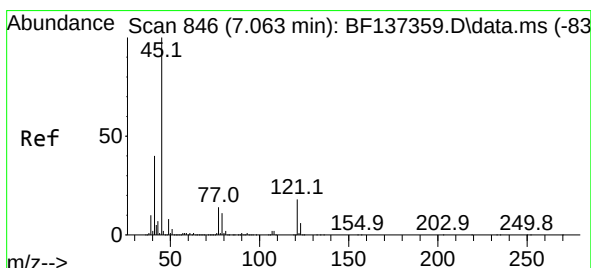
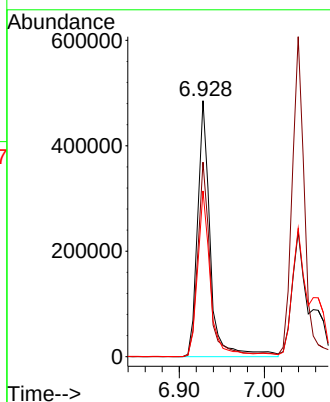
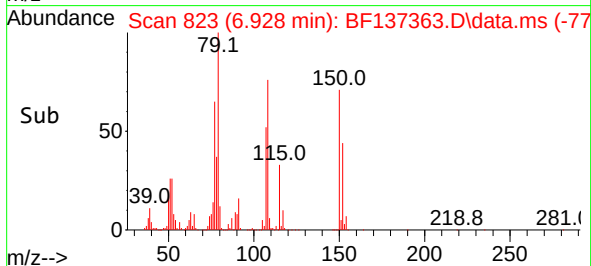
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



Tgt Ion: 79 Resp: 500889
Ion Ratio Lower Upper
79 100
108 76.0 61.1 91.7
77 64.7 52.0 78.0

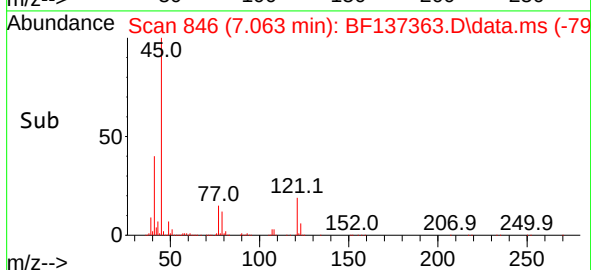
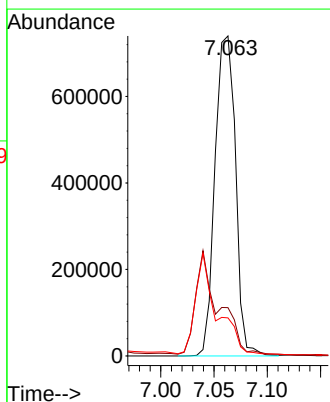
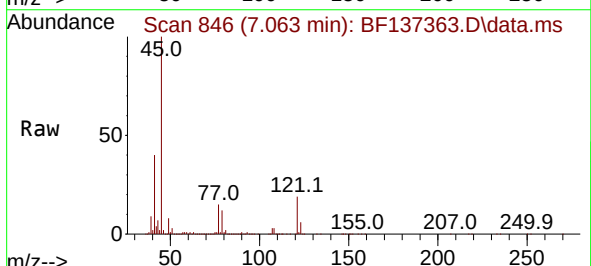
Manual Integrations
APPROVED

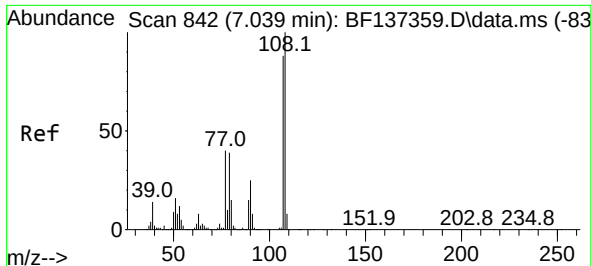
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.705 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion: 45 Resp: 989901
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.6
79 11.9 0.0 31.5





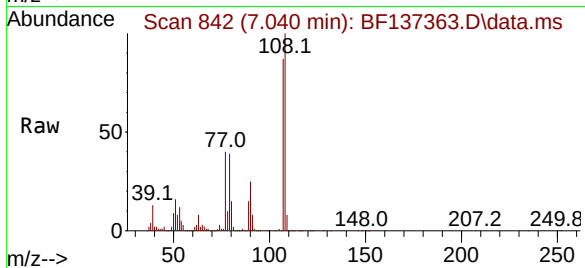
#17
2-Methylphenol
Concen: 40.638 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



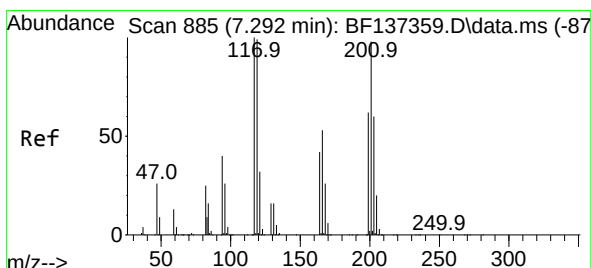
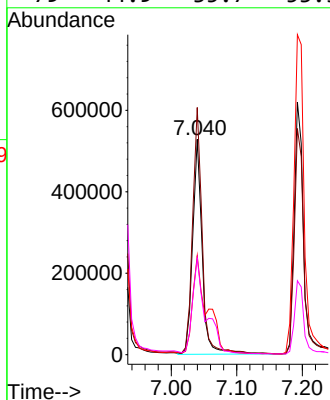
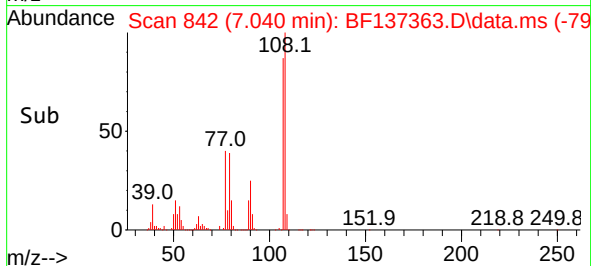
Tgt Ion:107 Resp: 53786
Ion Ratio Lower Upper
107 100
108 114.8 91.0 136.6
77 46.0 36.8 55.2
79 44.9 35.7 53.5

Manual Integrations

APPROVED

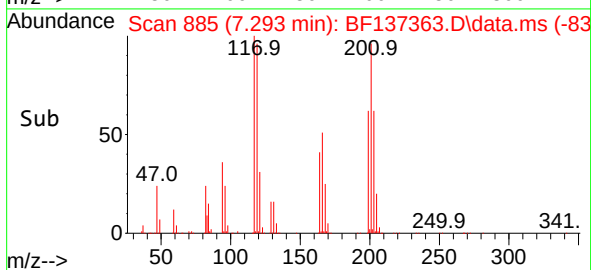
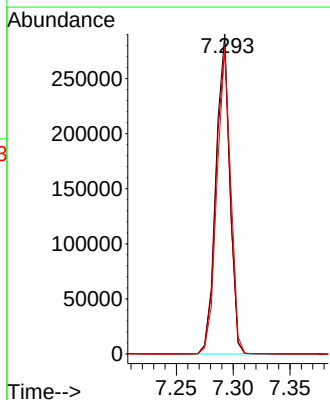
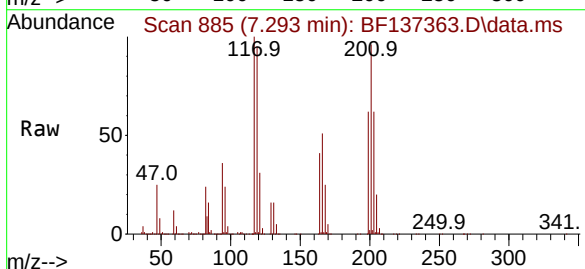
Reviewed By :Yogesh Patel 02/14/2024

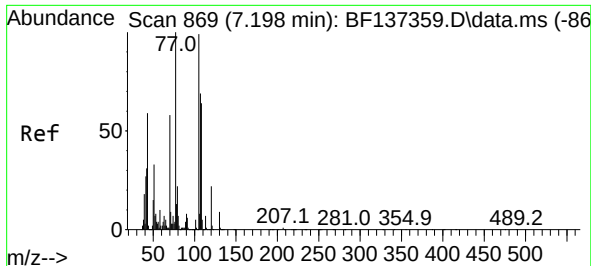
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 38.503 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:117 Resp: 247790
Ion Ratio Lower Upper
117 100
119 95.4 79.4 119.2
201 95.9 78.3 117.5





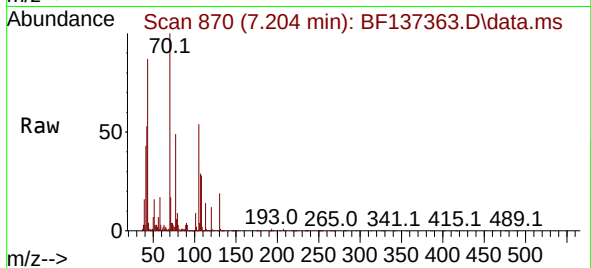
#19
n-Nitroso-di-n-propylamine
Concen: 39.851 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



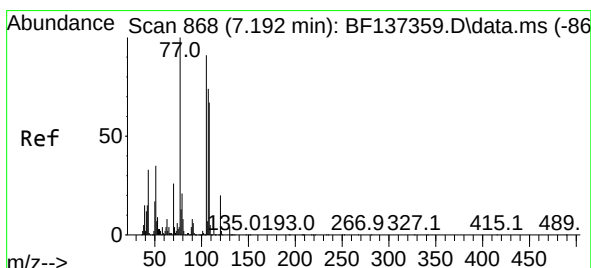
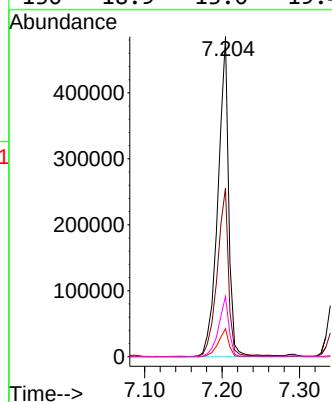
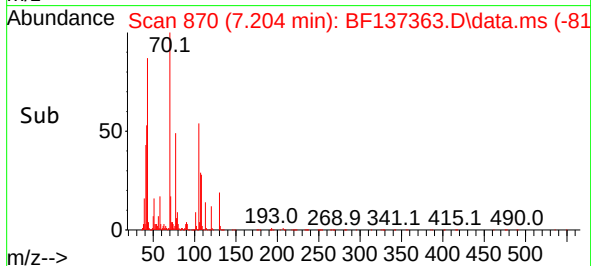
Tgt Ion: 70 Resp: 47093
Ion Ratio Lower Upper
70 100
42 52.7 43.4 65.0
101 8.7 6.4 9.6
130 18.9 13.0 19.4

Manual Integrations

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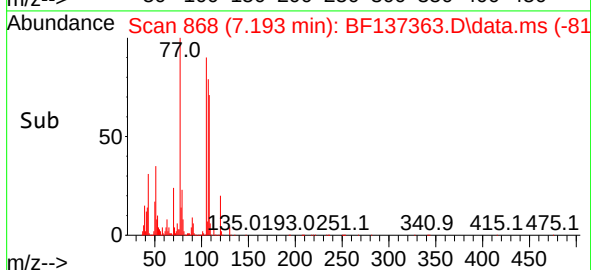
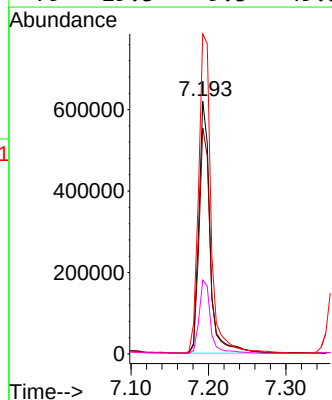
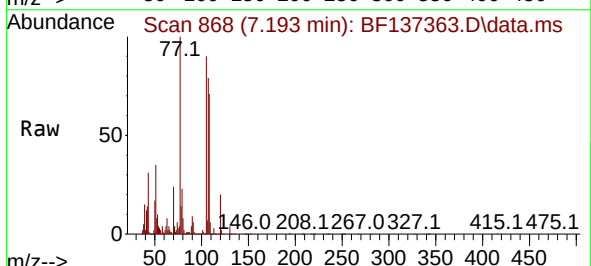
Reviewed By :Yogesh Patel 02/14/2024

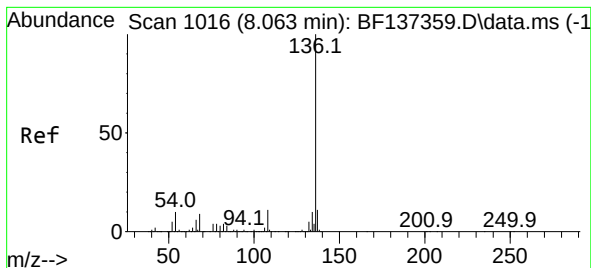
Supervised By :mohammad ahmed 02/14/2024



#20
3+4-Methylphenols
Concen: 40.127 ng
RT: 7.193 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:107 Resp: 619766
Ion Ratio Lower Upper
107 100
108 89.4 70.6 110.6
77 126.6 115.8 155.8
79 29.3 9.3 49.3





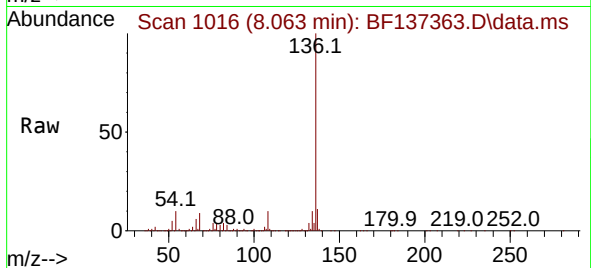
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



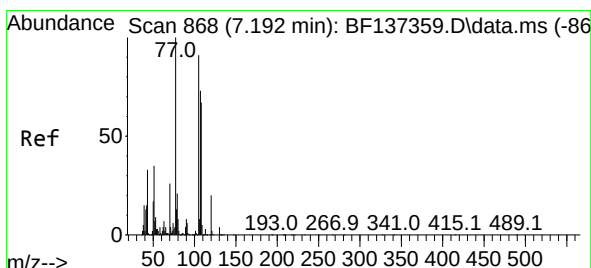
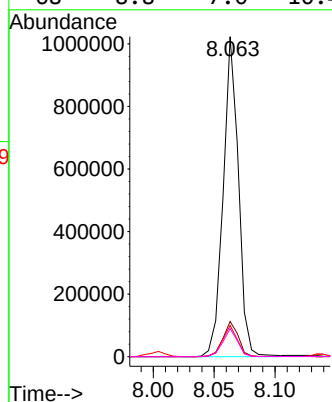
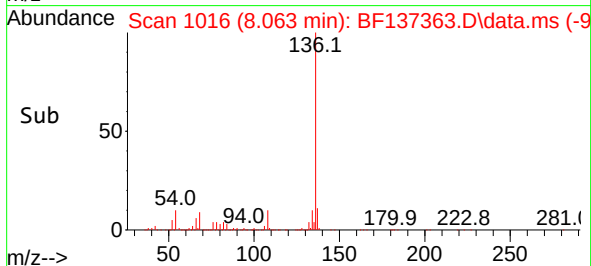
Tgt Ion:136 Resp: 895182
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.8 7.9 11.9
68 8.8 7.0 10.4

Manual Integrations

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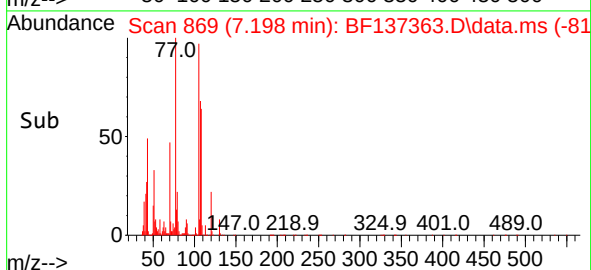
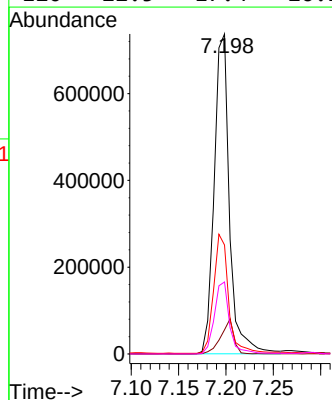
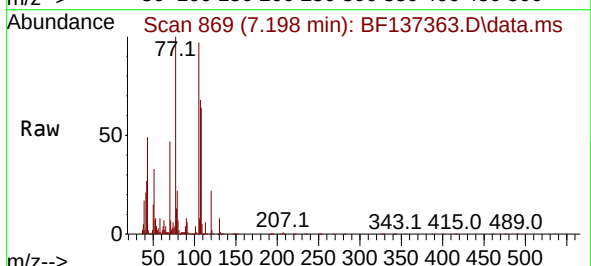
Reviewed By :Yogesh Patel 02/14/2024

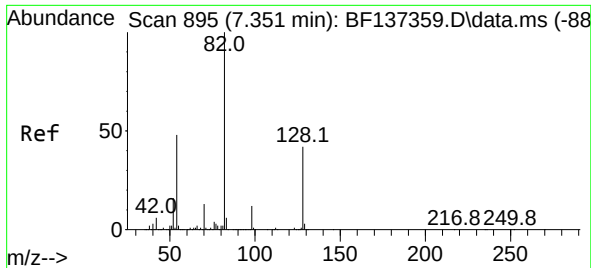
Supervised By :mohammad ahmed 02/14/2024



#22
Acetophenone
Concen: 37.988 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:105 Resp: 827749
Ion Ratio Lower Upper
105 100
71 7.5 3.6 5.4#
51 34.0 30.5 45.7
120 22.5 17.4 26.2





#23

Nitrobenzene-d5

Concen: 81.873 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

Tgt Ion: 82 Resp: 142786

Ion Ratio Lower Upper

82 100

128 42.4 33.8 50.8

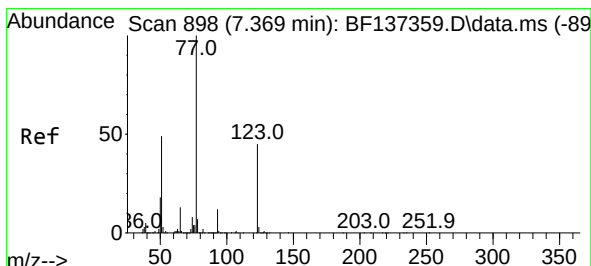
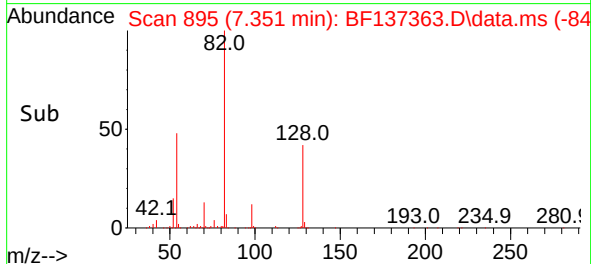
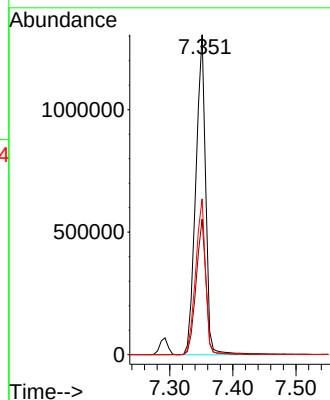
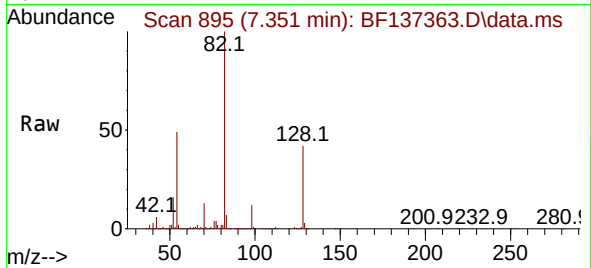
54 48.7 38.8 58.2

Manual Integrations

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Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#24

Nitrobenzene

Concen: 41.233 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

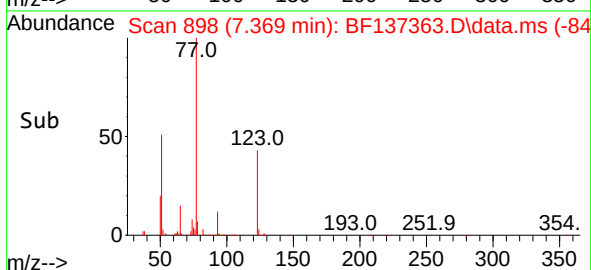
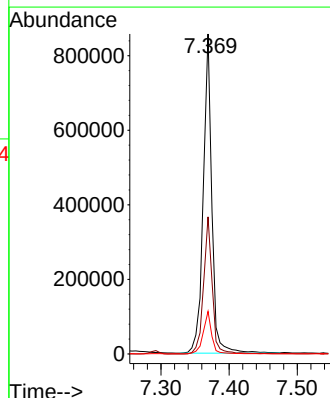
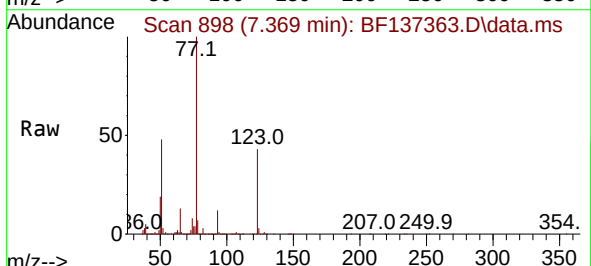
Tgt Ion: 77 Resp: 754369

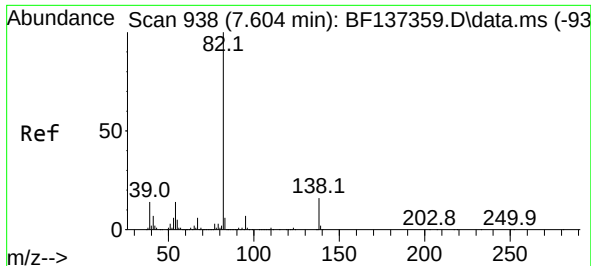
Ion Ratio Lower Upper

77 100

123 42.9 36.2 54.4

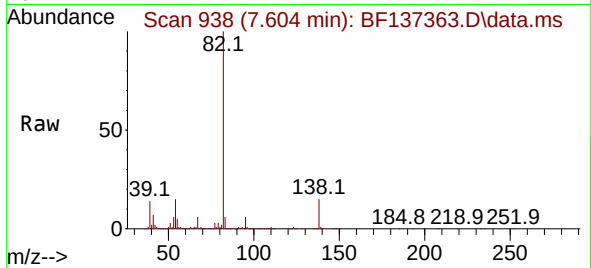
65 13.3 10.6 16.0





#25
Isophorone
Concen: 38.432 ng
RT: 7.604 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

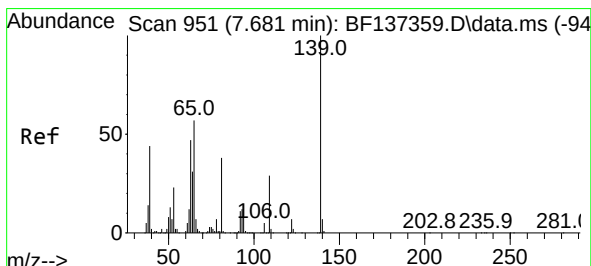
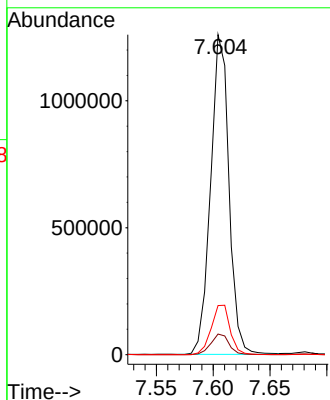
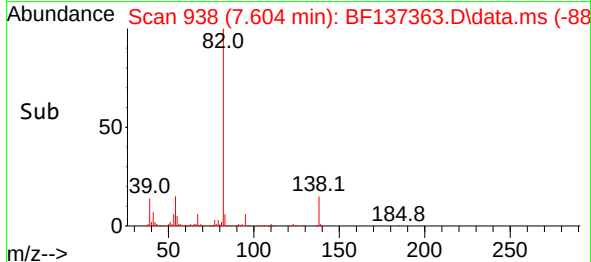
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



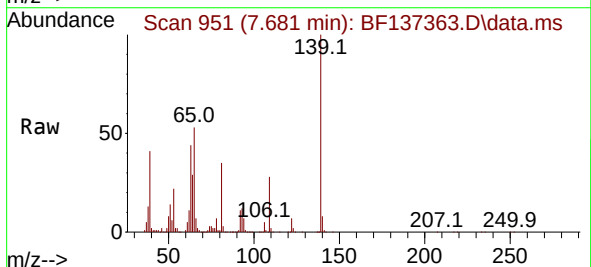
Tgt Ion: 82 Resp: 1417840
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 15.3 12.5 18.7

Manual Integrations
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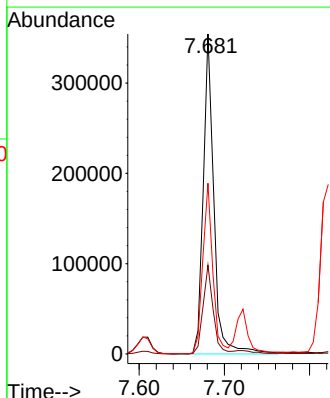
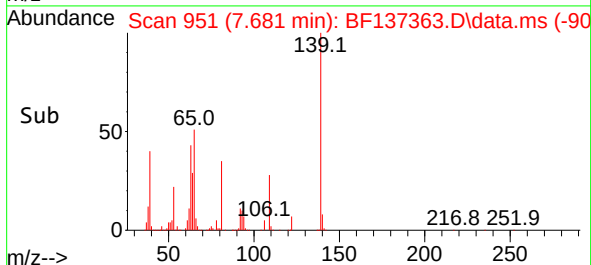
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

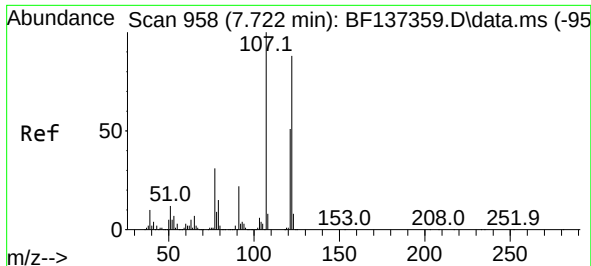


#26
2-Nitrophenol
Concen: 44.107 ng
RT: 7.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:139 Resp: 306643
Ion Ratio Lower Upper
139 100
109 27.8 23.0 34.4
65 53.3 45.4 68.0





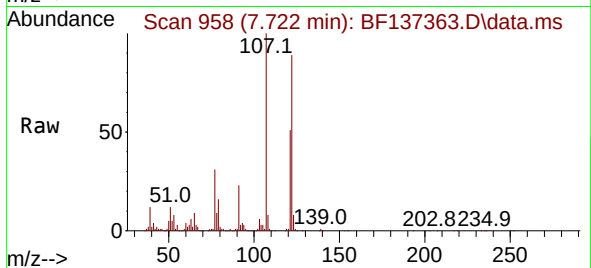
#27
2,4-Dimethylphenol
Concen: 41.203 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



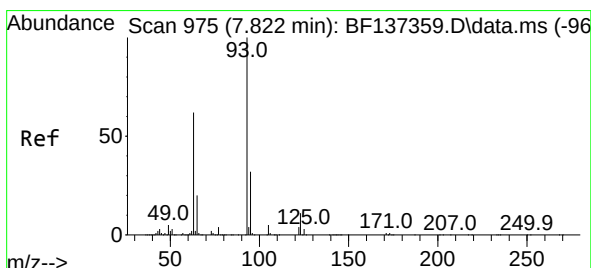
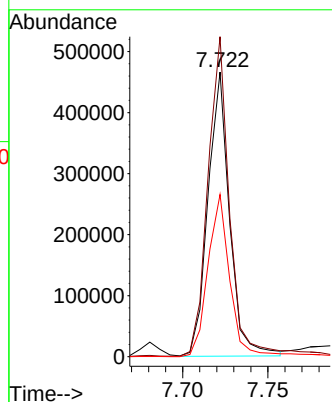
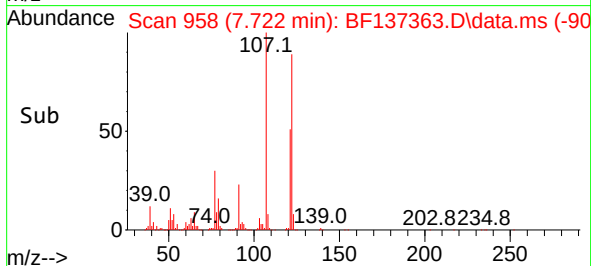
Tgt Ion:122 Resp: 410795
Ion Ratio Lower Upper
122 100
107 112.4 90.4 135.6
121 57.0 45.8 68.6

Manual Integrations

APPROVED

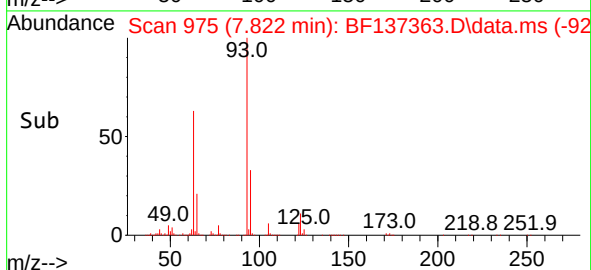
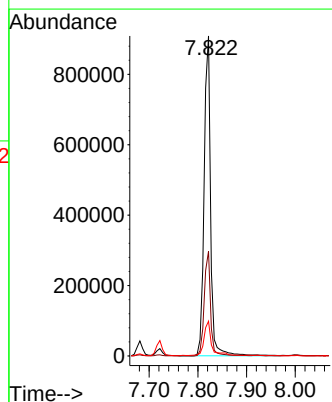
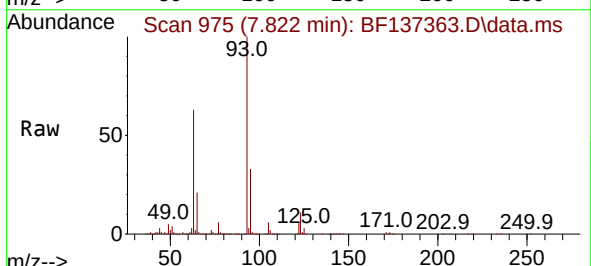
Reviewed By :Yogesh Patel 02/14/2024

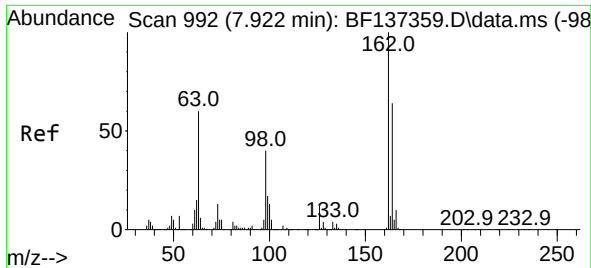
Supervised By :mohammad ahmed 02/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.877 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion: 93 Resp: 836705
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 10.9 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 40.610 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

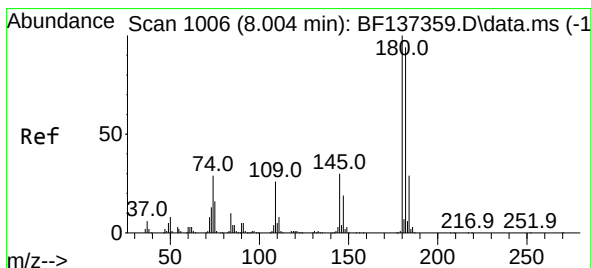
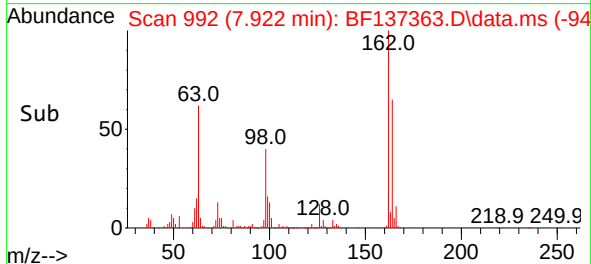
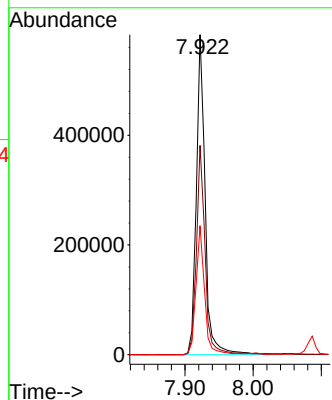
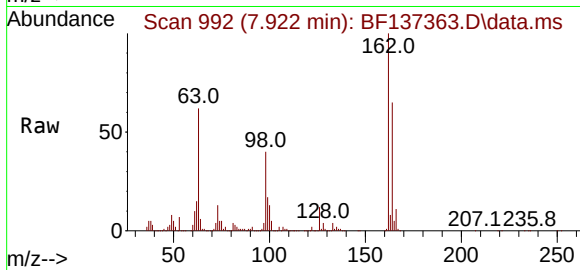
ICVBF021224

Tgt Ion:162 Resp: 52406
Ion Ratio Lower Upper
162 100
164 65.4 44.2 84.2
98 40.3 19.9 59.9

Manual Integrations

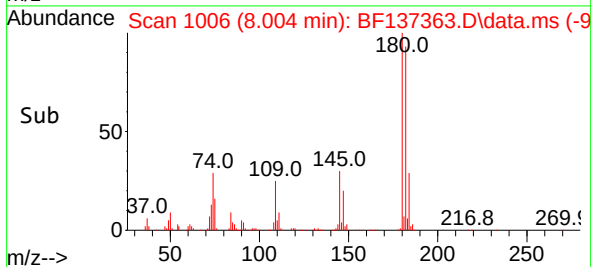
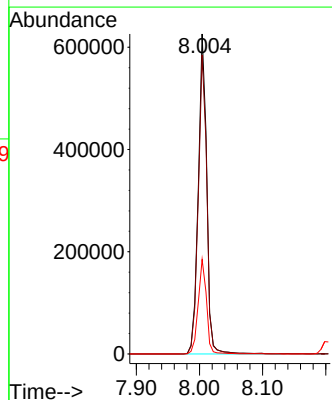
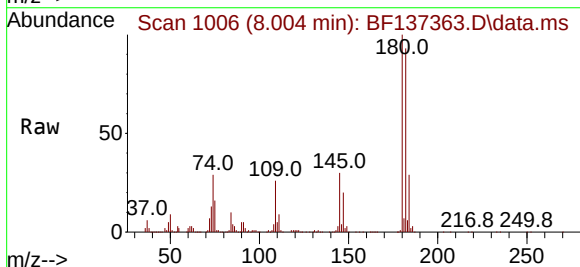
APPROVED

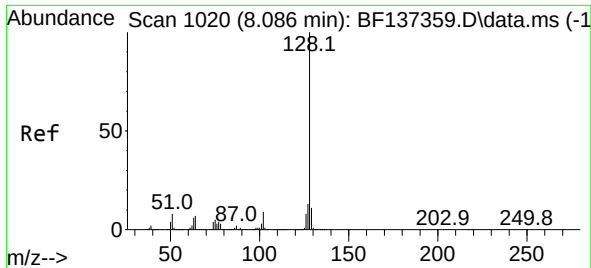
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.163 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:180 Resp: 580962
Ion Ratio Lower Upper
180 100
182 93.5 74.9 112.3
145 29.6 23.7 35.5





#31
Naphthalene
Concen: 38.523 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.001 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

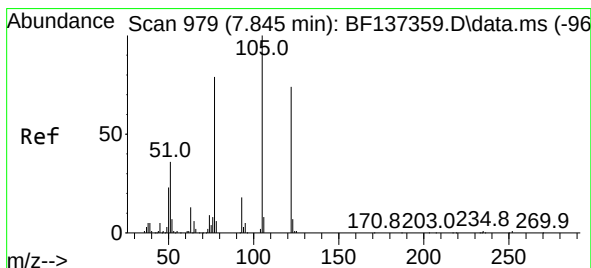
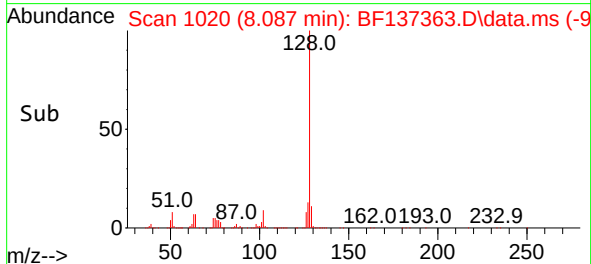
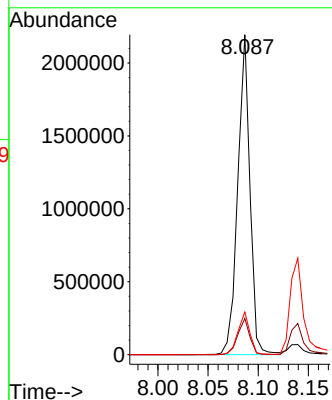
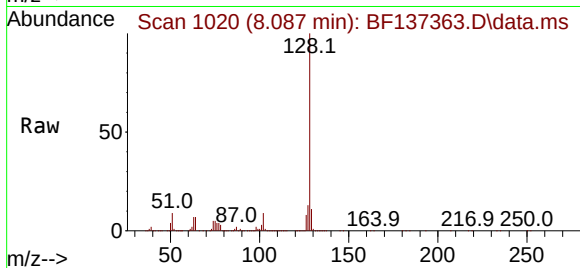
Tgt Ion:128 Resp: 1862244
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 16.0

Manual Integrations

APPROVED

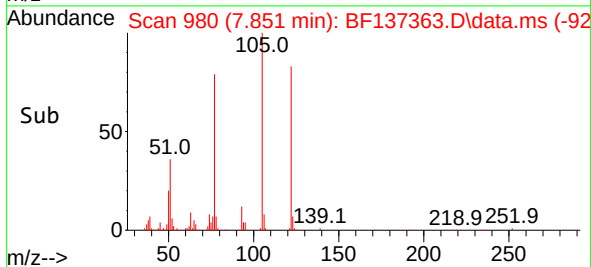
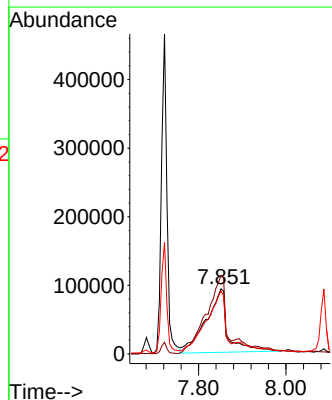
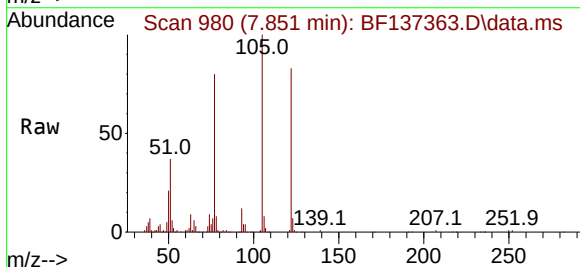
Reviewed By :Yogesh Patel 02/14/2024

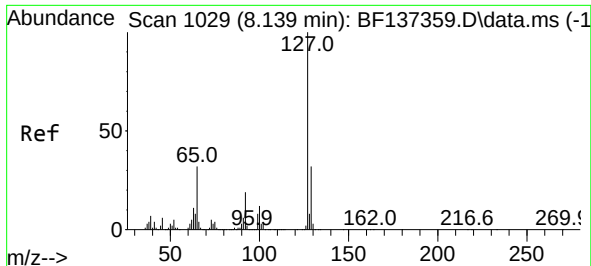
Supervised By :mohammad ahmed 02/14/2024



#32
Benzoic acid
Concen: 44.995 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:122 Resp: 324612
Ion Ratio Lower Upper
122 100
105 120.6 103.1 143.1
77 96.5 82.0 122.0





#33

4-Chloroaniline

Concen: 43.234 ng

RT: 8.140 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

Tgt Ion:127 Resp: 676728

Ion Ratio Lower Upper

127 100

129 32.3 25.7 38.5

65 31.5 25.5 38.3

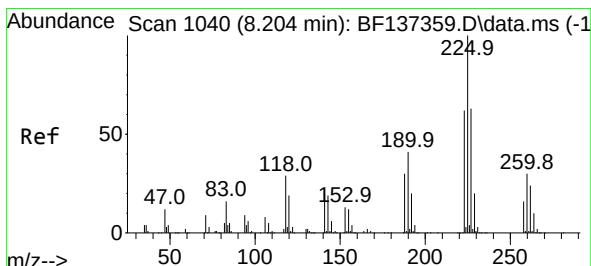
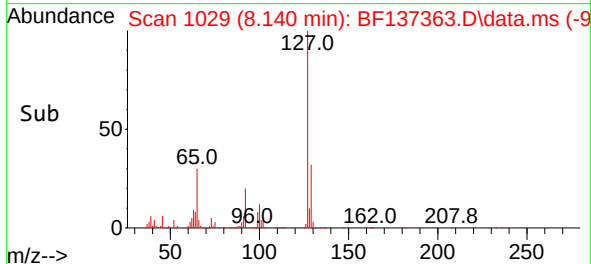
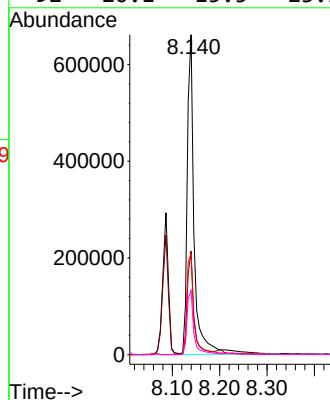
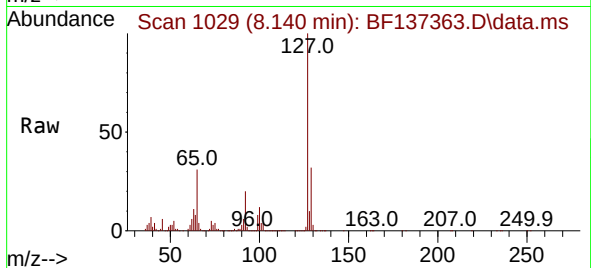
92 20.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#34

Hexachlorobutadiene

Concen: 38.452 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

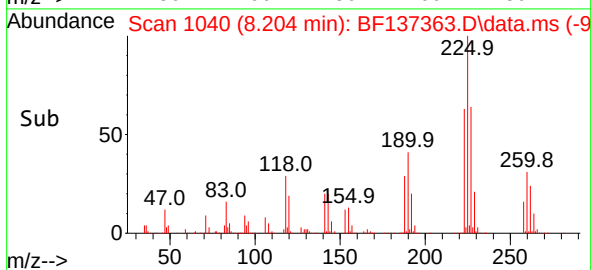
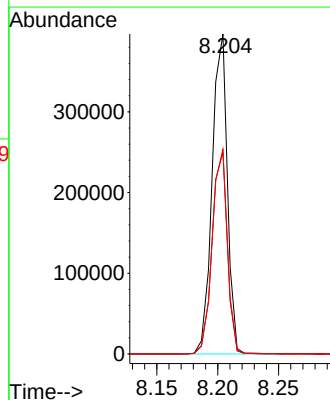
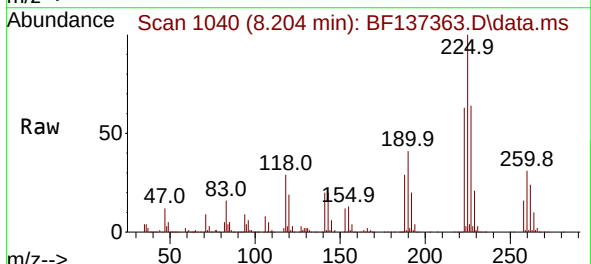
Tgt Ion:225 Resp: 343598

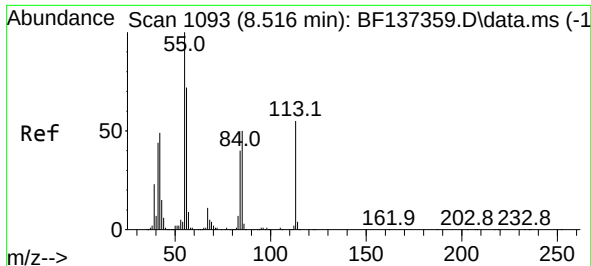
Ion Ratio Lower Upper

225 100

223 63.1 49.5 74.3

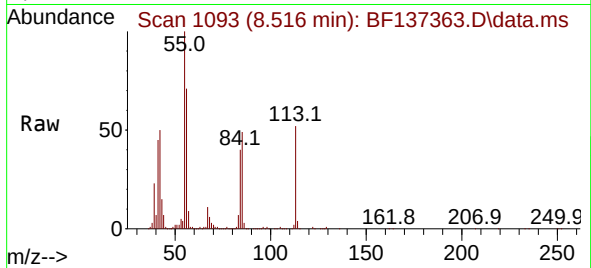
227 64.0 50.1 75.1





#35
Caprolactam
Concen: 44.848 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

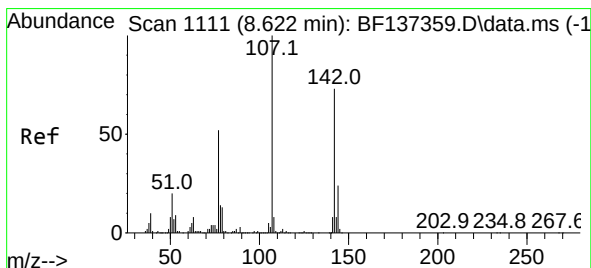
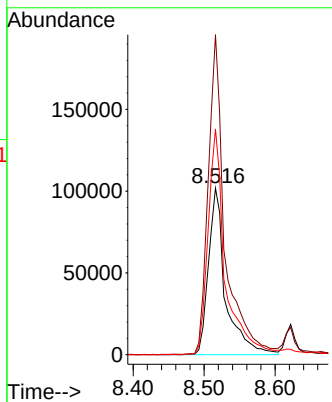
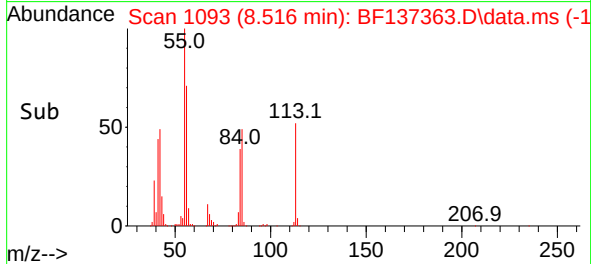
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



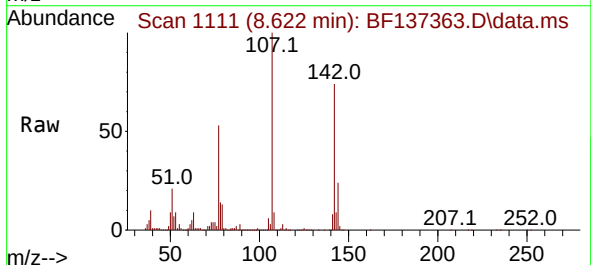
Tgt Ion:113 Resp: 170778
Ion Ratio Lower Upper
113 100
55 192.2 163.7 203.7
56 135.6 112.7 152.7

Manual Integrations
APPROVED

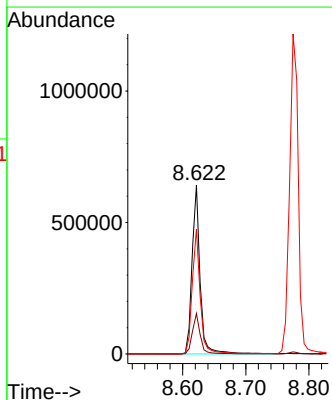
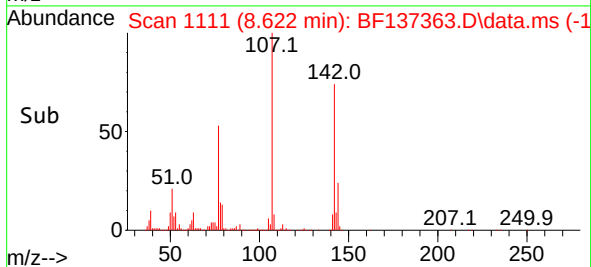
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

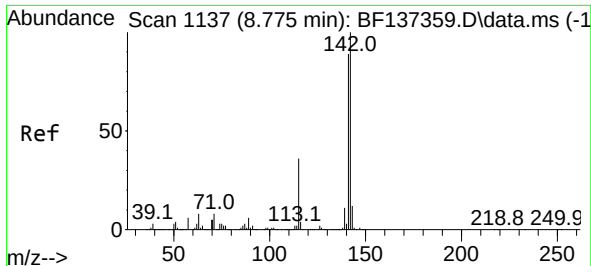


#36
4-Chloro-3-methylphenol
Concen: 40.739 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:107 Resp: 571422
Ion Ratio Lower Upper
107 100
144 24.0 19.1 28.7
142 74.0 58.5 87.7





#37

2-Methylnaphthalene

Concen: 39.284 ng

RT: 8.775 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

Tgt Ion:142 Resp: 116541

Ion Ratio Lower Upper

142 100

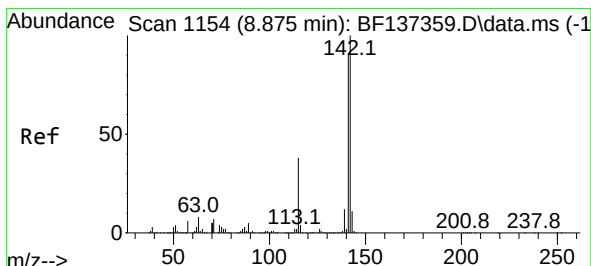
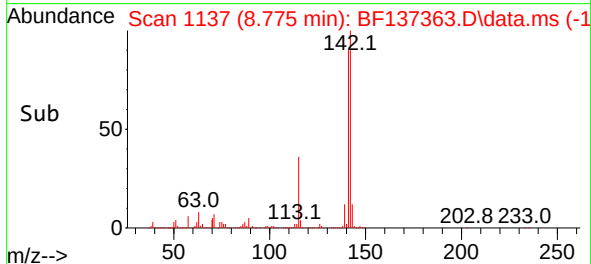
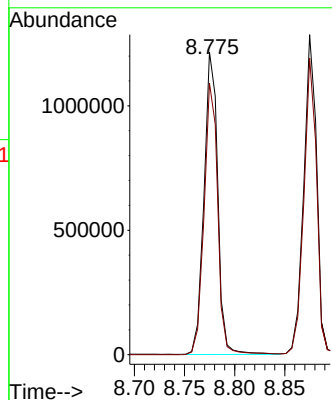
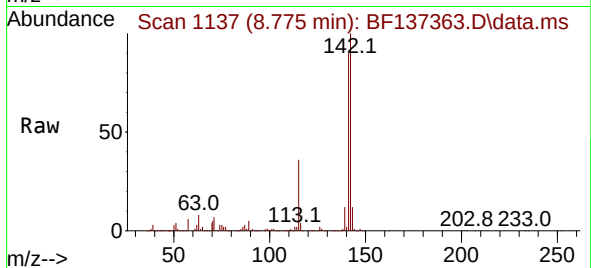
141 89.7 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#38

1-Methylnaphthalene

Concen: 39.700 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF137363.D

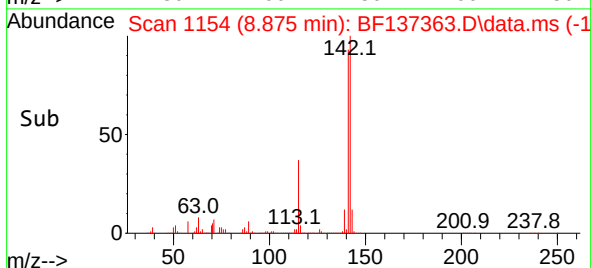
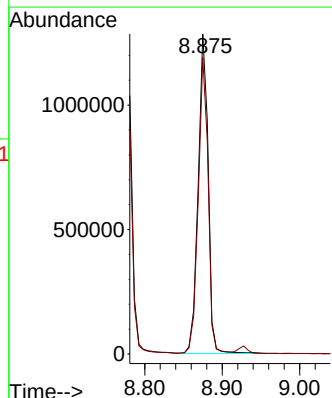
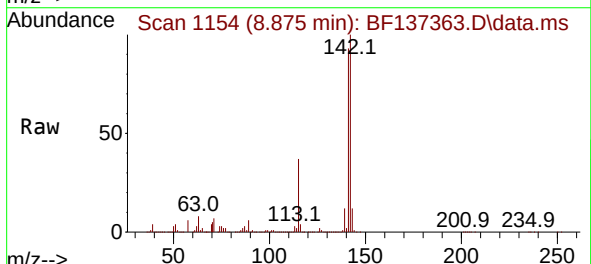
Acq: 12 Feb 2024 18:26

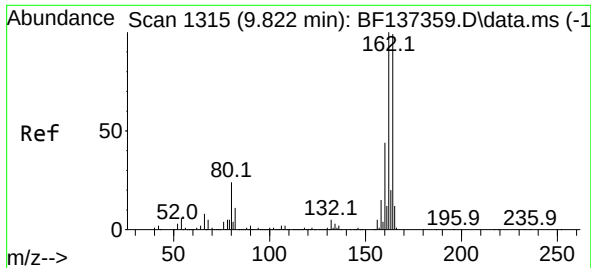
Tgt Ion:142 Resp: 1159617

Ion Ratio Lower Upper

142 100

141 92.7 73.1 109.7





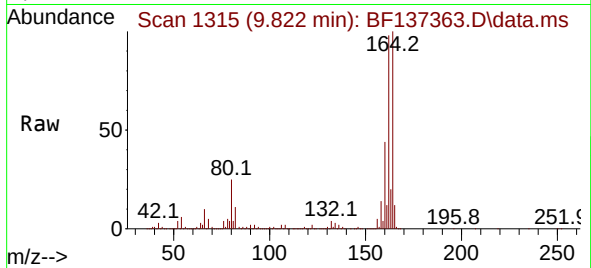
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



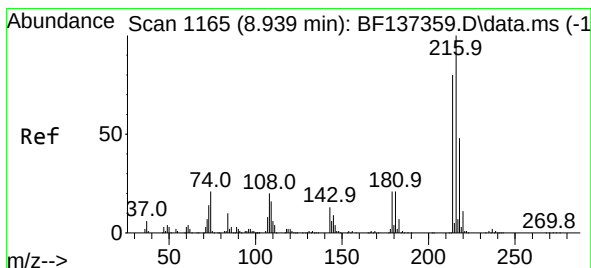
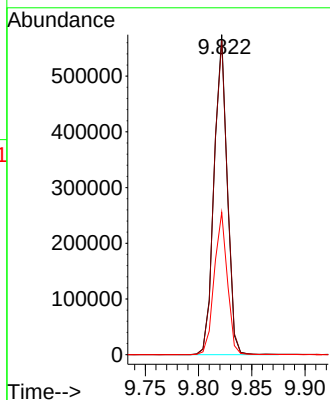
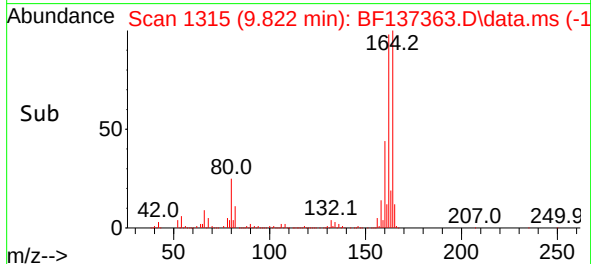
Tgt Ion:164 Resp: 48885
Ion Ratio Lower Upper
164 100
162 98.2 80.5 120.7
160 44.4 35.7 53.5

Manual Integrations

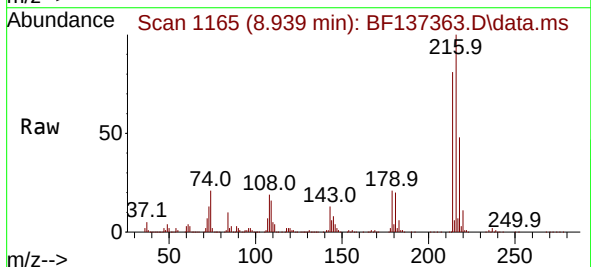
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

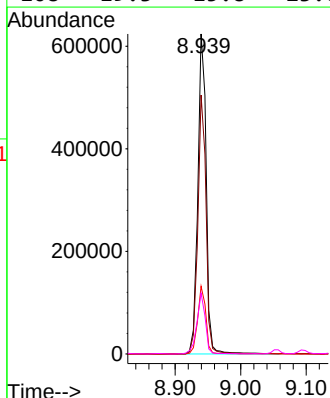
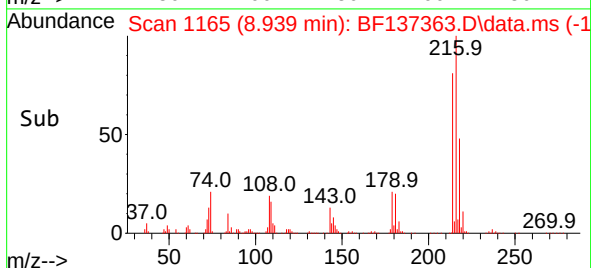
Supervised By :mohammad ahmed 02/14/2024

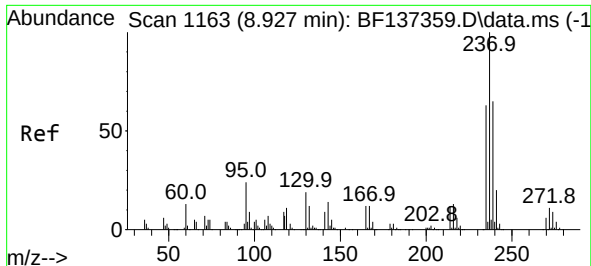


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.788 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:216 Resp: 556939
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.8
179 20.7 16.6 25.0
108 19.3 15.8 23.6





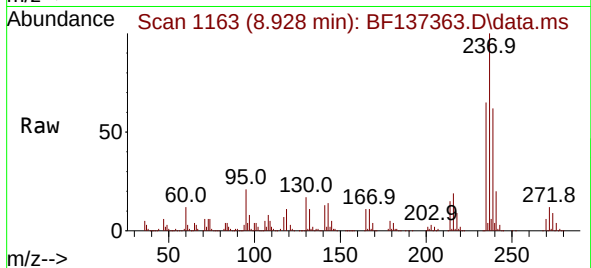
#41
Hexachlorocyclopentadiene
Concen: 38.444 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.001 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



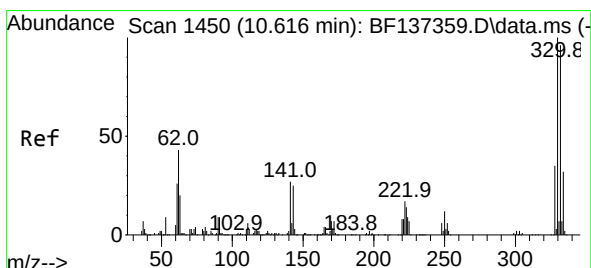
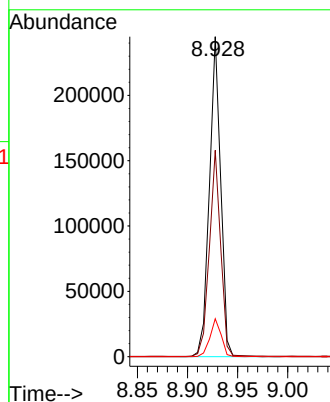
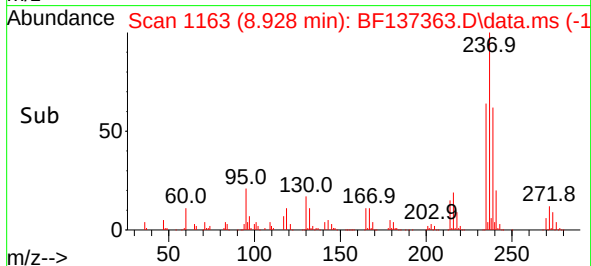
Tgt Ion:237 Resp: 19238
Ion Ratio Lower Upper
237 100
235 64.5 42.8 82.8
272 11.9 0.0 31.1

Manual Integrations

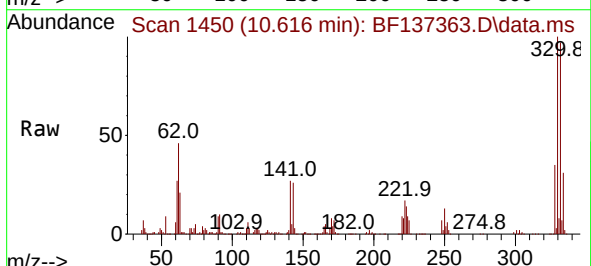
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

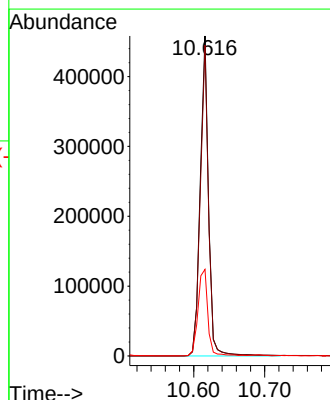
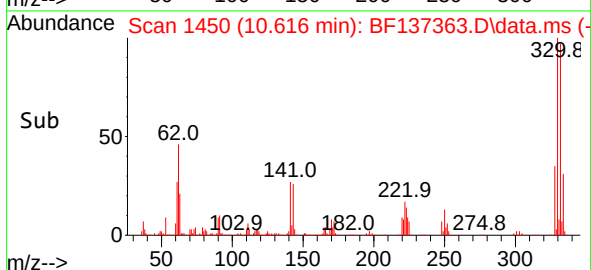
Supervised By :mohammad ahmed 02/14/2024

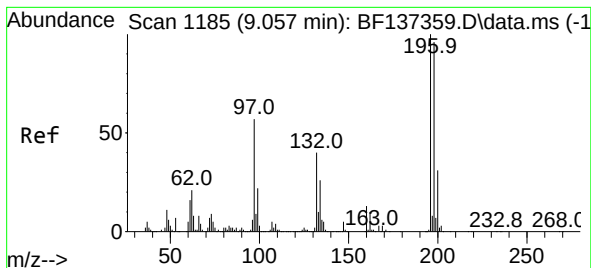


#42
2,4,6-Tribromophenol
Concen: 83.012 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:330 Resp: 372651
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 31.8 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 39.460 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137363.D

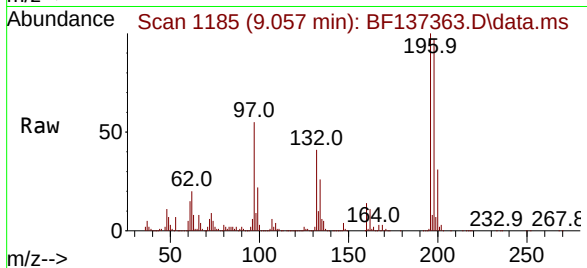
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



Tgt Ion:196 Resp: 371870

Ion Ratio Lower Upper

196 100

198 97.0 76.8 115.2

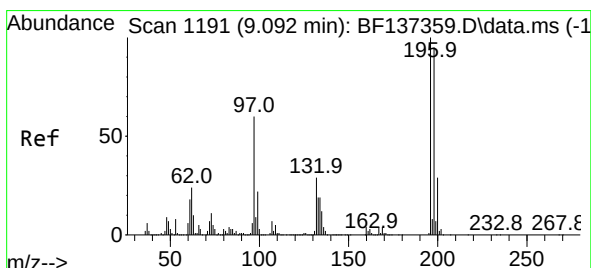
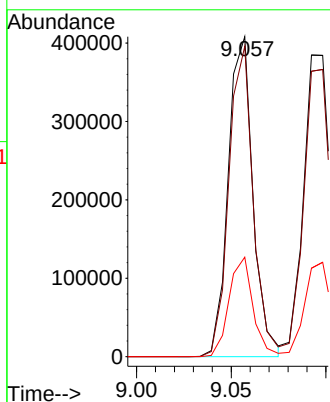
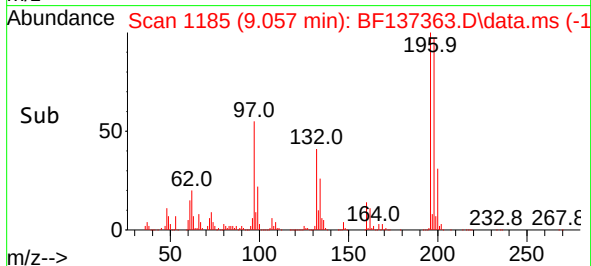
200 31.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#44

2,4,5-Trichlorophenol

Concen: 39.315 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Tgt Ion:196 Resp: 406419

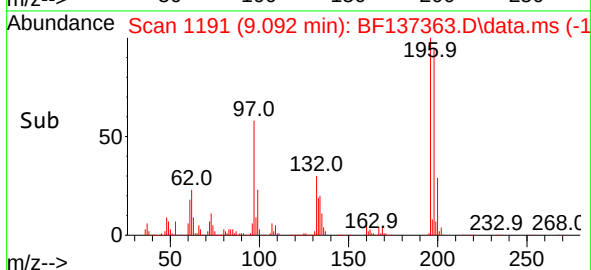
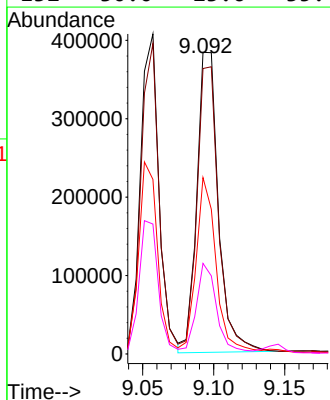
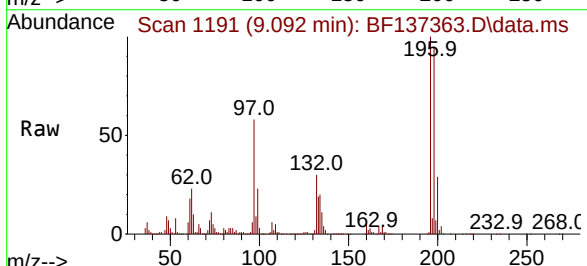
Ion Ratio Lower Upper

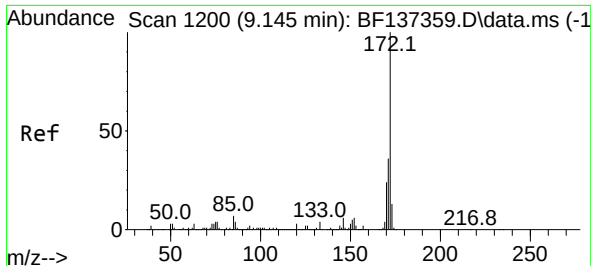
196 100

198 94.7 76.3 114.5

97 58.5 48.2 72.4

132 30.0 23.6 35.4





#45
2-Fluorobiphenyl
Concen: 71.790 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

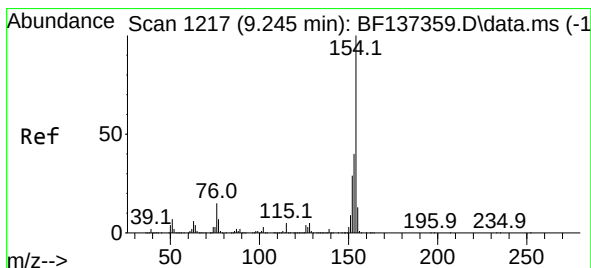
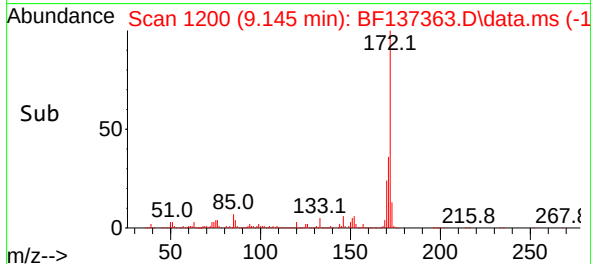
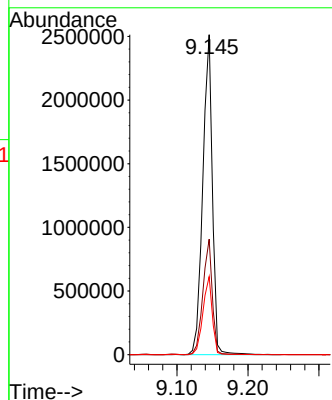
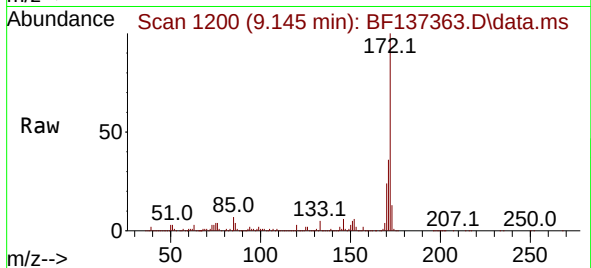
ICVBF021224

Tgt Ion:172 Resp: 2368984
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.4 19.6 29.4

Manual Integrations

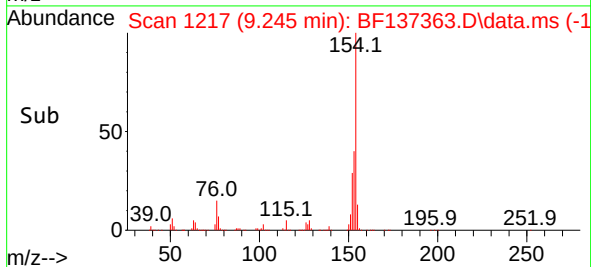
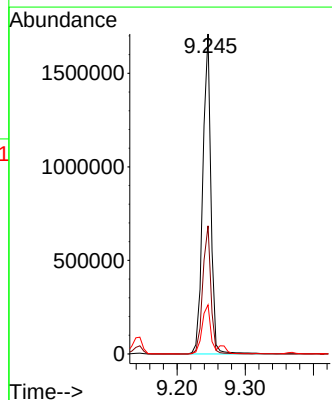
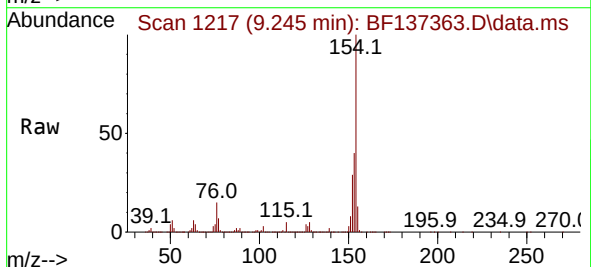
APPROVED

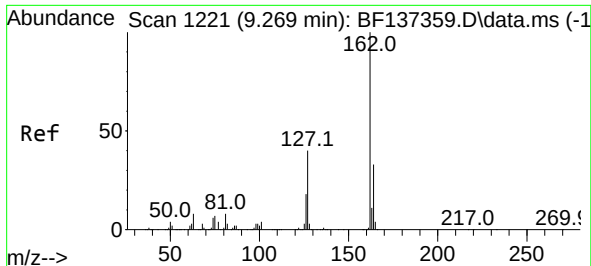
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#46
1,1'-Biphenyl
Concen: 37.337 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:154 Resp: 1418992
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 15.3 0.0 35.2





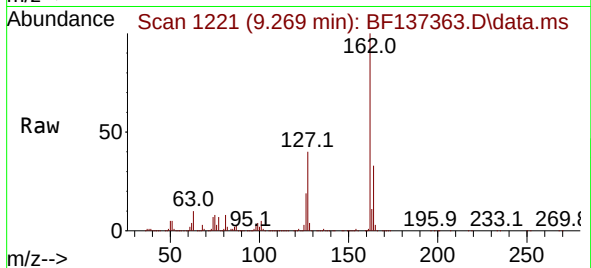
#47
2-Chloronaphthalene
Concen: 37.820 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



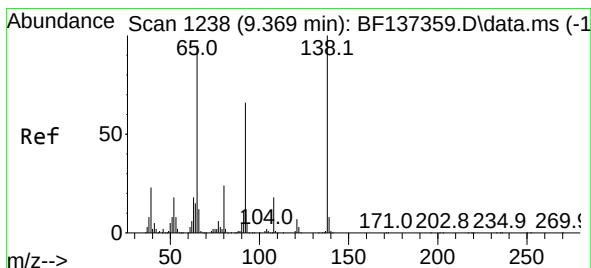
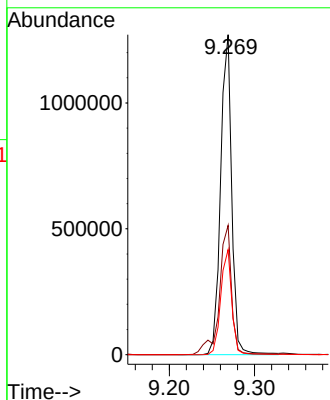
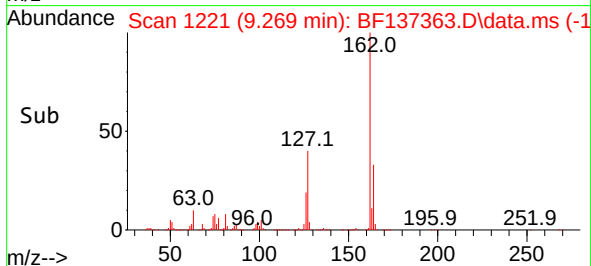
Tgt Ion:162 Resp: 1150224
Ion Ratio Lower Upper
162 100
127 40.4 32.4 48.6
164 32.9 26.6 40.0

Manual Integrations

APPROVED

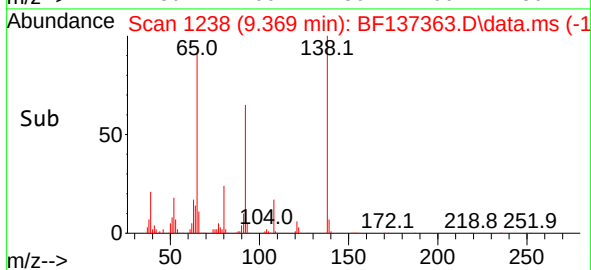
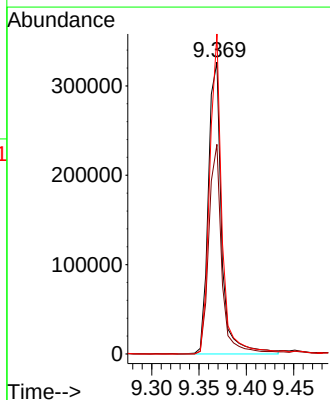
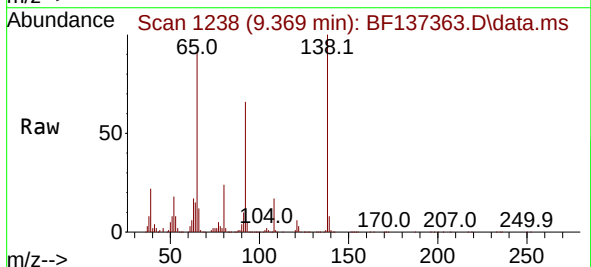
Reviewed By :Yogesh Patel 02/14/2024

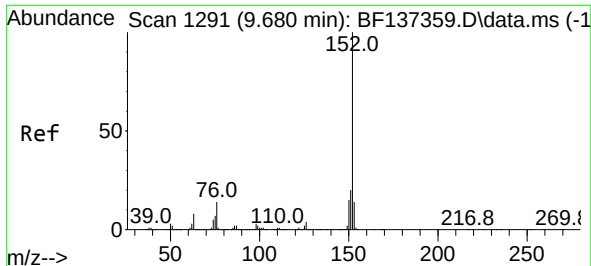
Supervised By :mohammad ahmed 02/14/2024



#48
2-Nitroaniline
Concen: 41.230 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion: 65 Resp: 319568
Ion Ratio Lower Upper
65 100
92 71.8 55.6 83.4
138 109.7 84.3 126.5





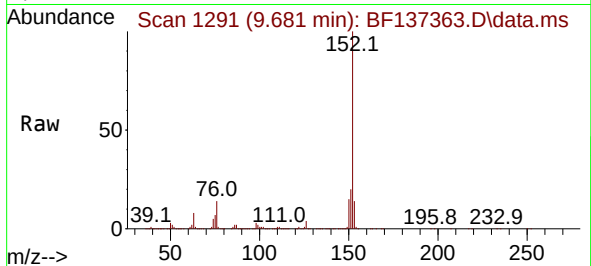
#49
Acenaphthylene
Concen: 38.145 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



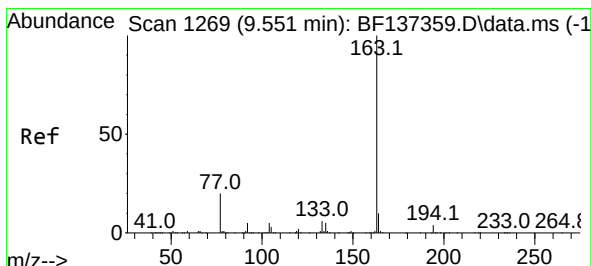
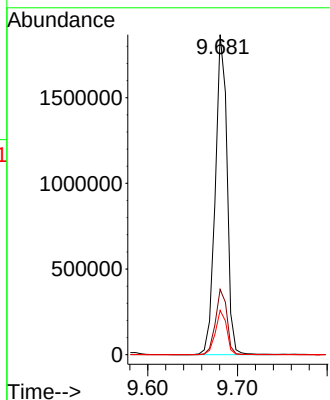
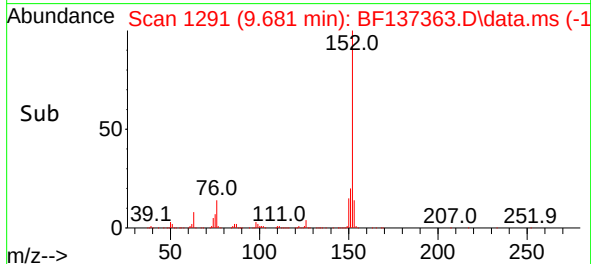
Tgt Ion:152 Resp: 1695208
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.1 16.7

Manual Integrations

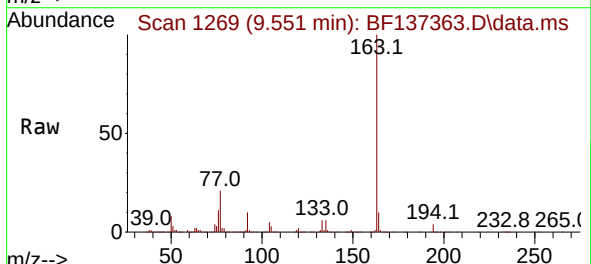
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

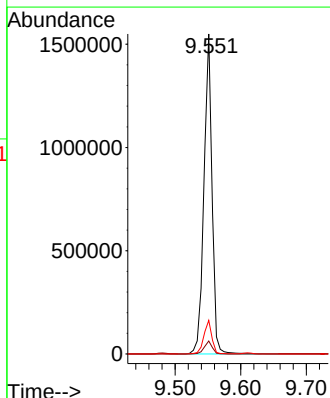
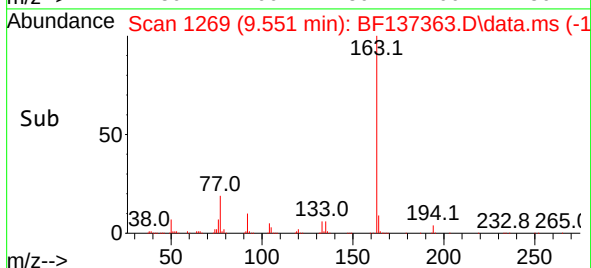
Supervised By :mohammad ahmed 02/14/2024

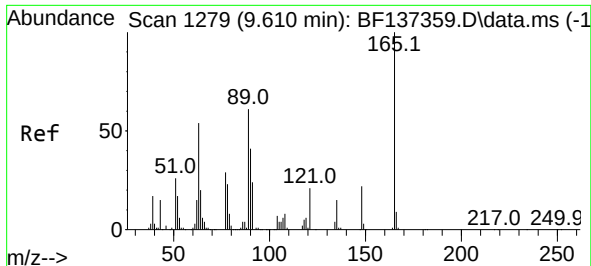


#50
Dimethylphthalate
Concen: 38.056 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:163 Resp: 1334872
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.5 7.8 11.8





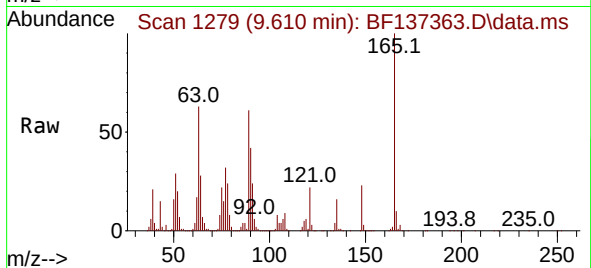
#51
2,6-Dinitrotoluene
Concen: 42.173 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

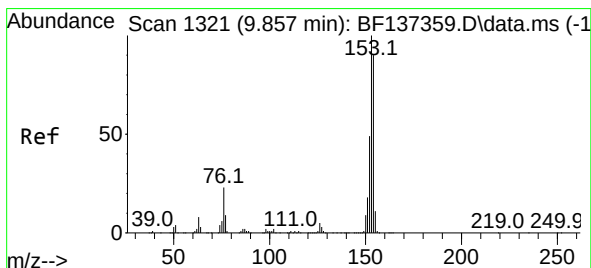
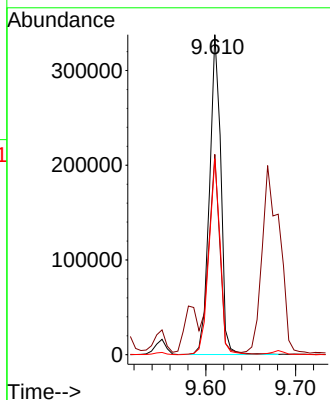
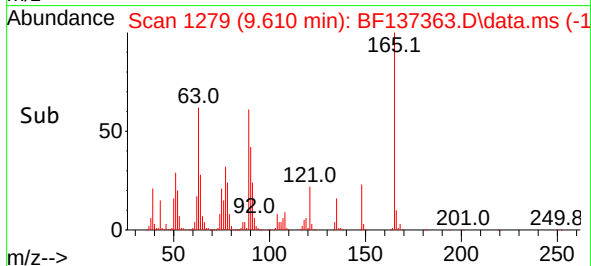


Tgt Ion:165 Resp: 295848
Ion Ratio Lower Upper
165 100
63 62.6 48.5 72.7
89 61.2 49.0 73.4

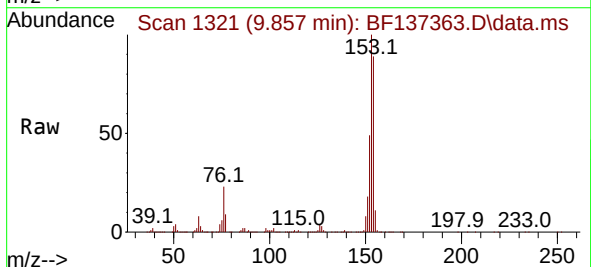
Manual Integrations

APPROVED

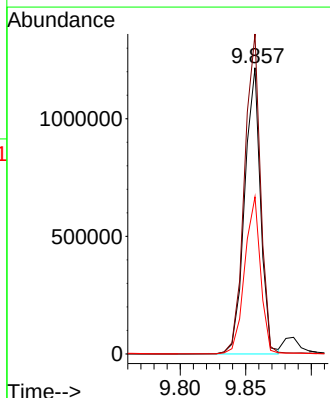
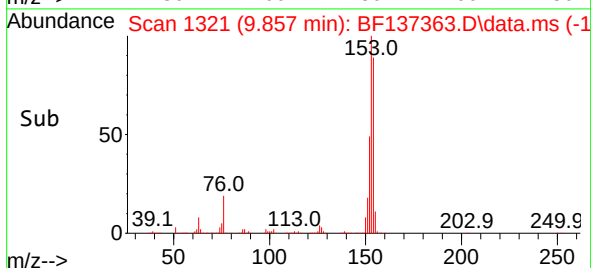
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

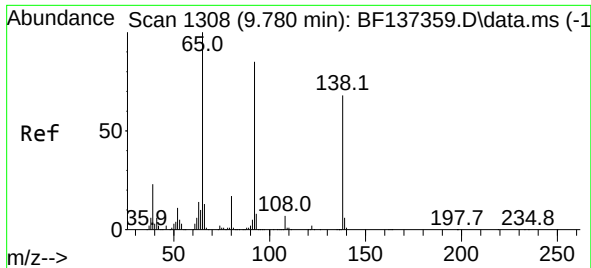


#52
Acenaphthene
Concen: 37.365 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:154 Resp: 1024711
Ion Ratio Lower Upper
154 100
153 111.8 88.9 133.3
152 54.9 43.8 65.6





#53
3-Nitroaniline
Concen: 41.744 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.001 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

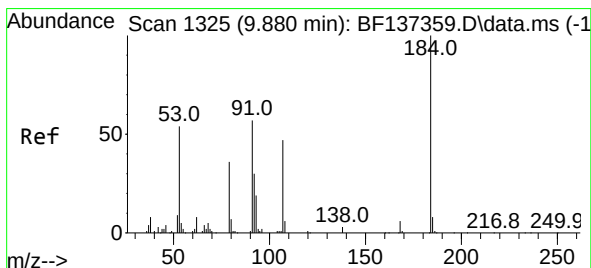
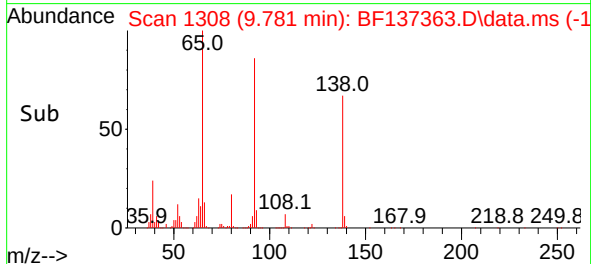
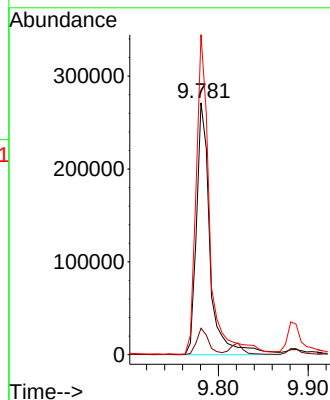
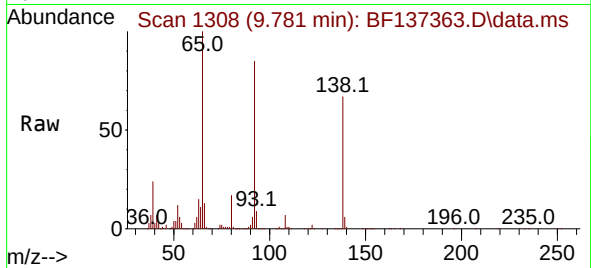
ICVBF021224

Tgt Ion:138 Resp: 284788
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 127.1 100.6 151.0

Manual Integrations

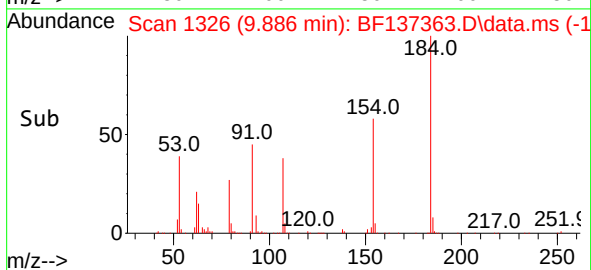
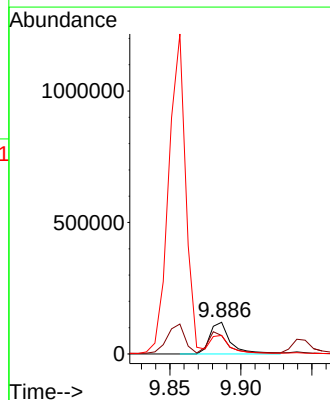
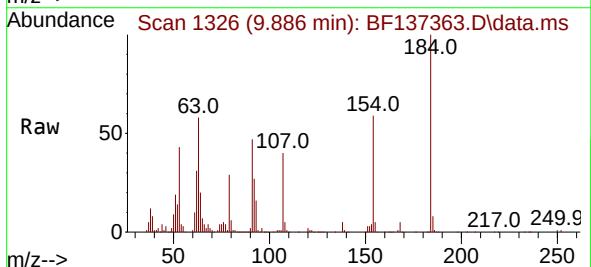
APPROVED

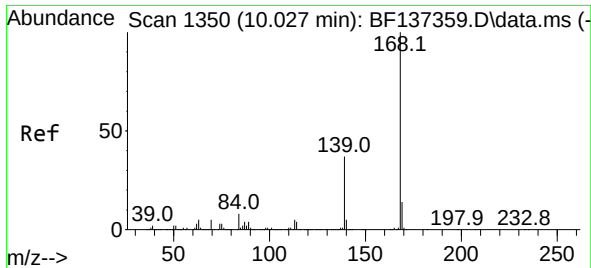
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#54
2,4-Dinitrophenol
Concen: 40.755 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:184 Resp: 121778
Ion Ratio Lower Upper
184 100
63 58.2 61.7 92.5#
154 58.8 48.6 72.8





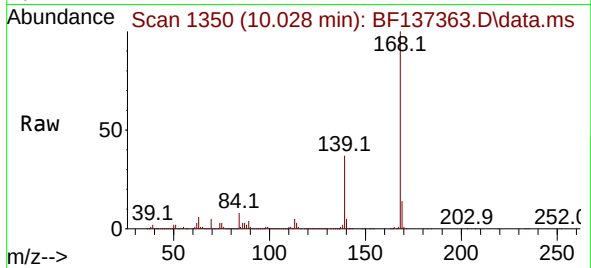
#55
Dibenzenofuran
Concen: 38.477 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.001 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



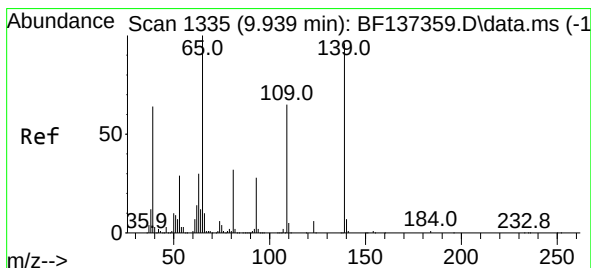
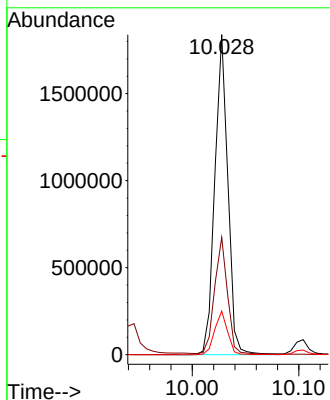
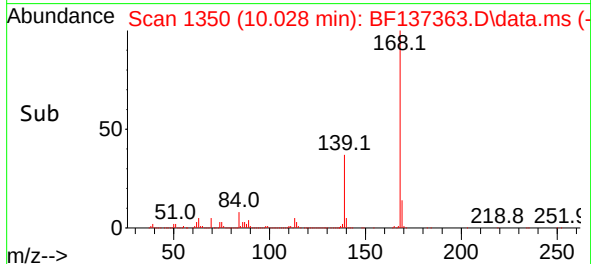
Tgt Ion:168 Resp: 156352
Ion Ratio Lower Upper
168 100
139 36.7 30.0 45.0
169 13.6 10.9 16.3

Manual Integrations

APPROVED

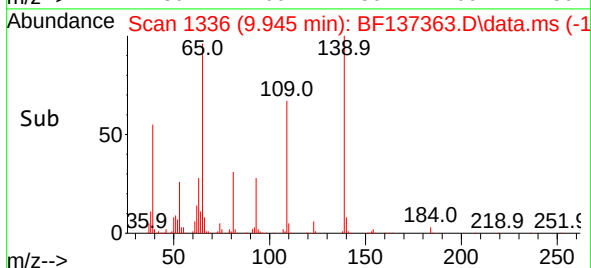
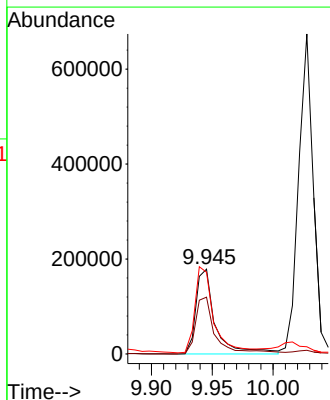
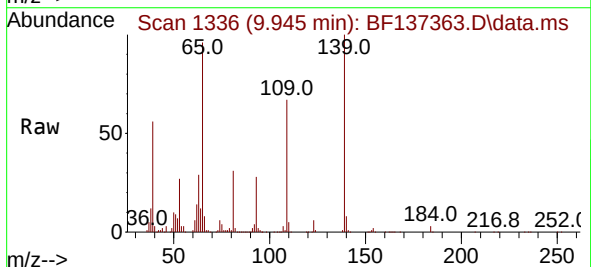
Reviewed By :Yogesh Patel 02/14/2024

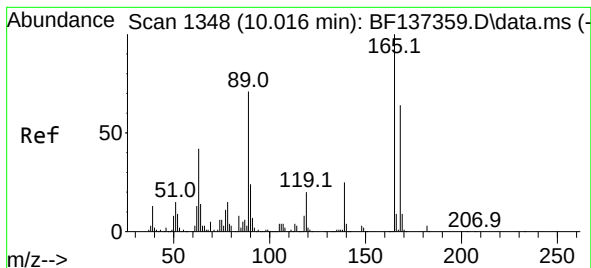
Supervised By :mohammad ahmed 02/14/2024



#56
4-Nitrophenol
Concen: 42.268 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:139 Resp: 198433
Ion Ratio Lower Upper
139 100
109 67.0 47.3 87.3
65 96.5 85.4 125.4





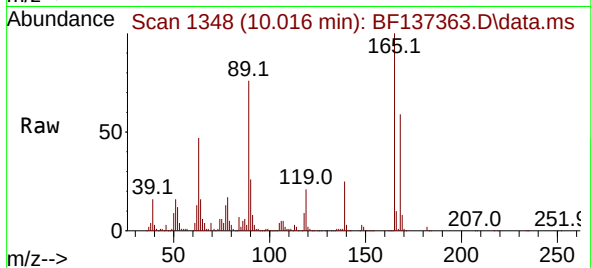
#57
2,4-Dinitrotoluene
Concen: 42.225 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



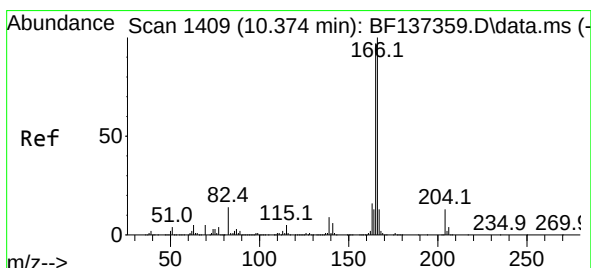
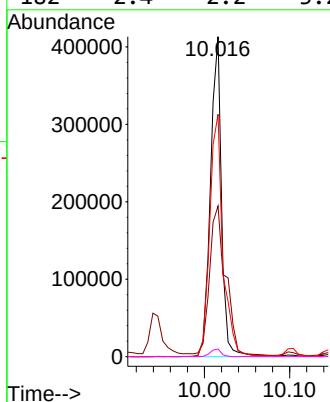
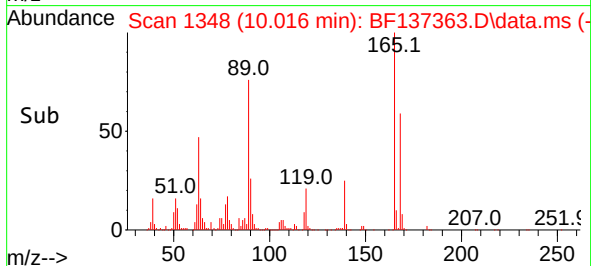
Tgt Ion:165 Resp: 37234
Ion Ratio Lower Upper
165 100
63 47.1 34.2 51.2
89 75.8 56.6 85.0
182 2.4 2.2 3.2

Manual Integrations

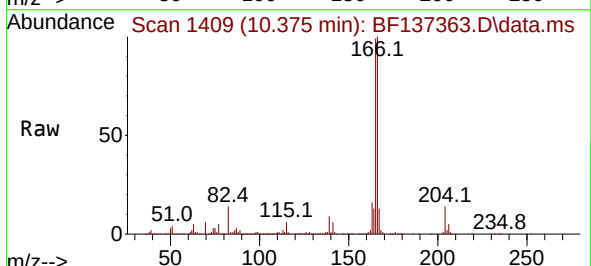
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

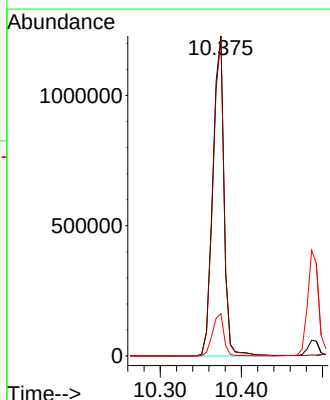
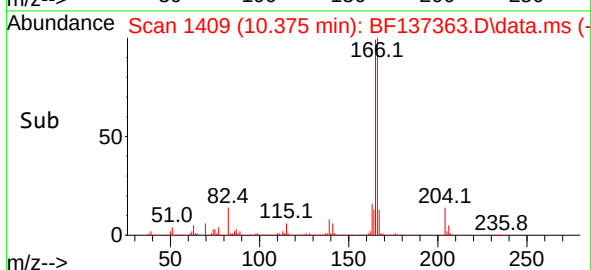
Supervised By :mohammad ahmed 02/14/2024

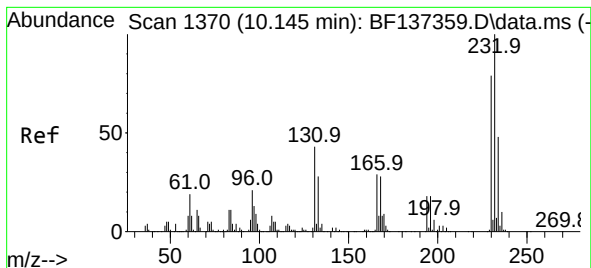


#58
Fluorene
Concen: 37.306 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:166 Resp: 1171763
Ion Ratio Lower Upper
166 100
165 99.1 77.3 115.9
167 13.2 10.6 15.8





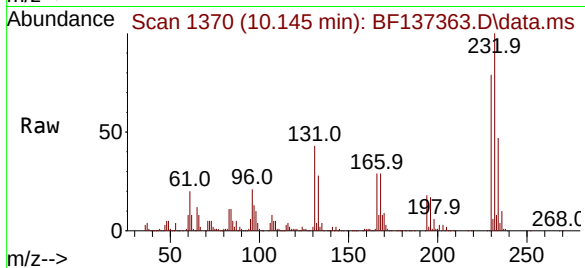
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.468 ng m
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



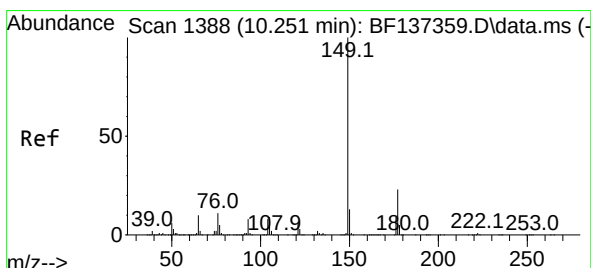
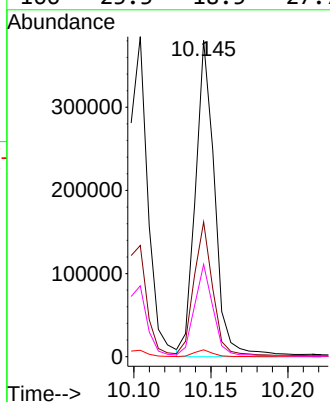
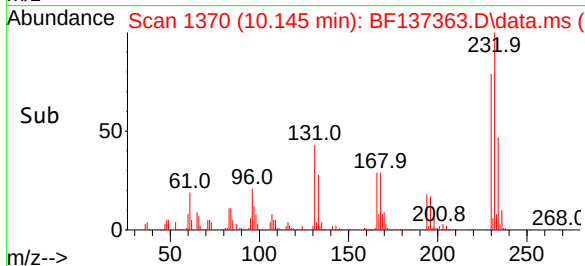
Tgt Ion:232 Resp: 332950
Ion Ratio Lower Upper
232 100
131 37.9 30.1 45.1
130 2.2 1.6 2.4
166 23.3 18.5 27.7

Manual Integrations

APPROVED

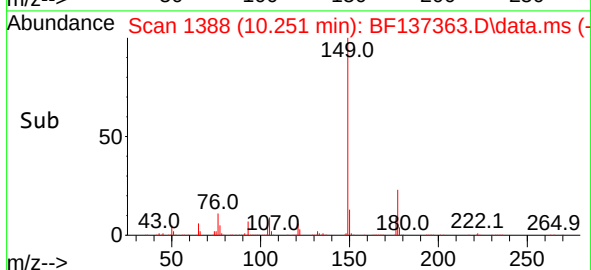
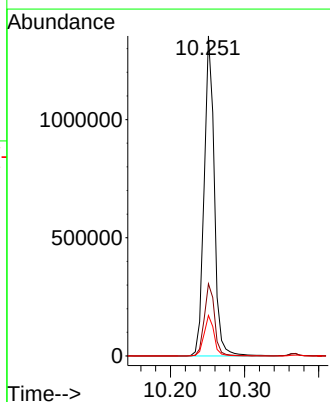
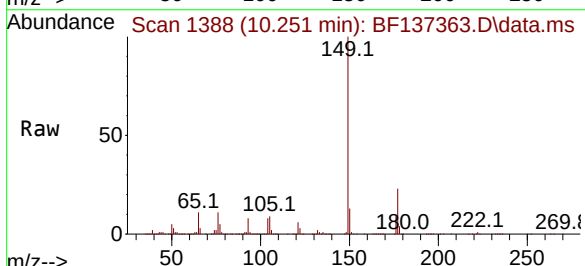
Reviewed By :Yogesh Patel 02/14/2024

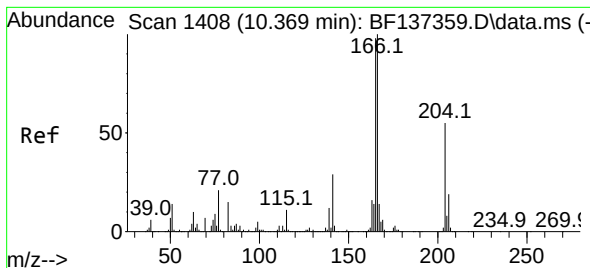
Supervised By :mohammad ahmed 02/14/2024



#60
Diethylphthalate
Concen: 39.265 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

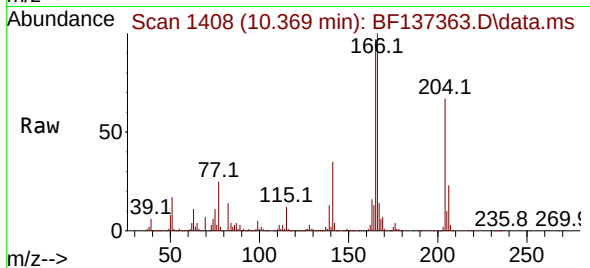
Tgt Ion:149 Resp: 1294737
Ion Ratio Lower Upper
149 100
177 22.5 18.6 28.0
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.197 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

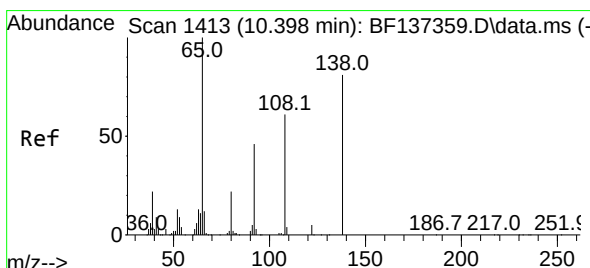
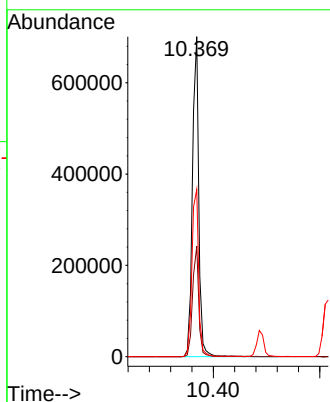
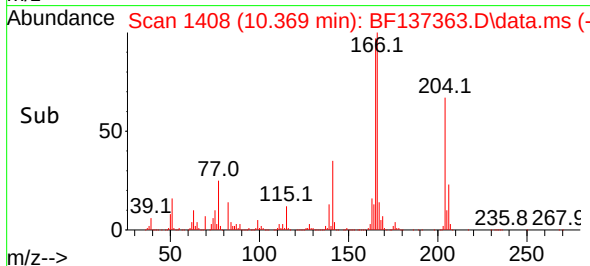
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



Tgt Ion:204 Resp: 579592
Ion Ratio Lower Upper
204 100
206 34.6 27.8 41.8
141 52.3 41.8 62.6

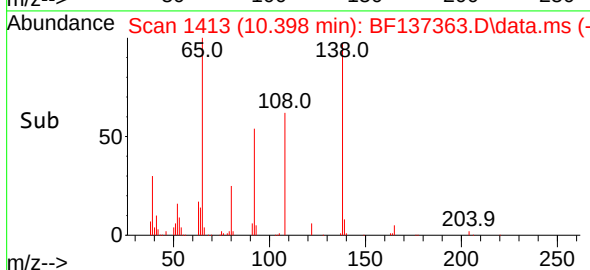
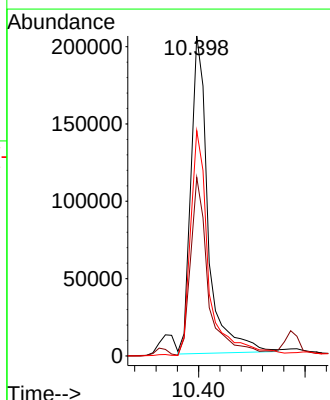
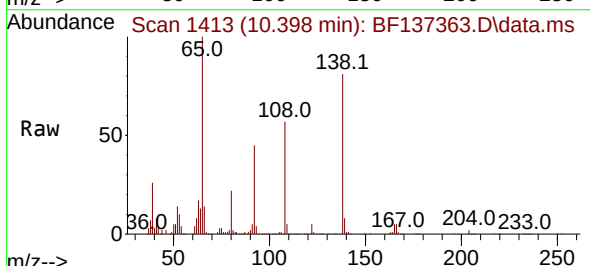
Manual Integrations
APPROVED

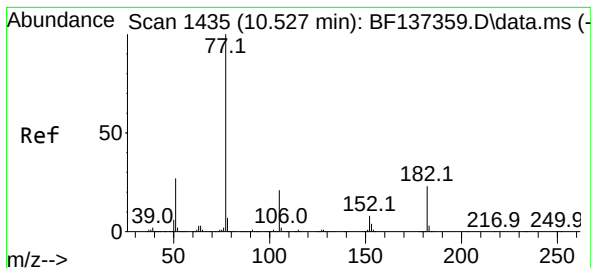
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#62
4-Nitroaniline
Concen: 42.579 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:138 Resp: 231551
Ion Ratio Lower Upper
138 100
92 55.8 36.8 76.8
108 70.4 54.0 94.0





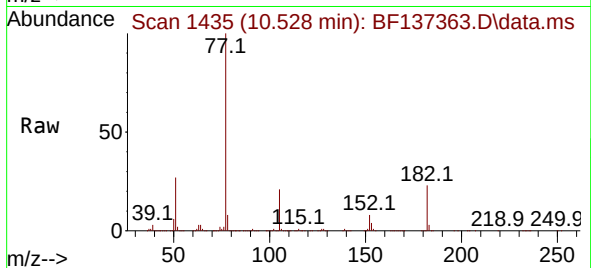
#63
Azobenzene
Concen: 38.512 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



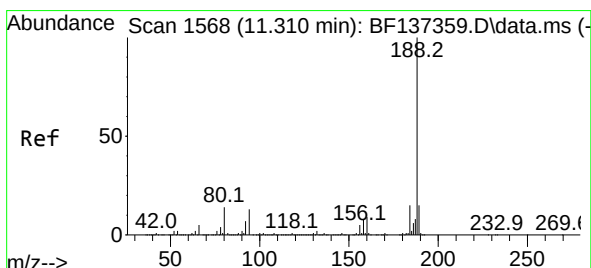
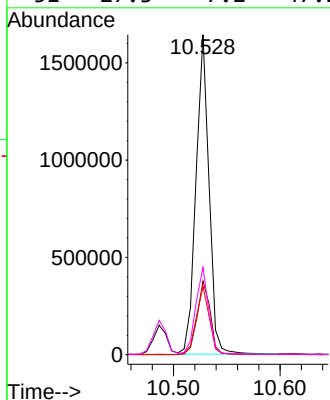
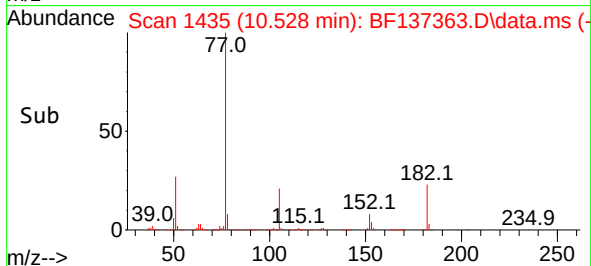
Tgt Ion: 77 Resp: 139791
Ion Ratio Lower Upper
77 100
182 23.0 3.1 43.1
105 21.3 1.4 41.4
51 27.3 7.2 47.2

Manual Integrations

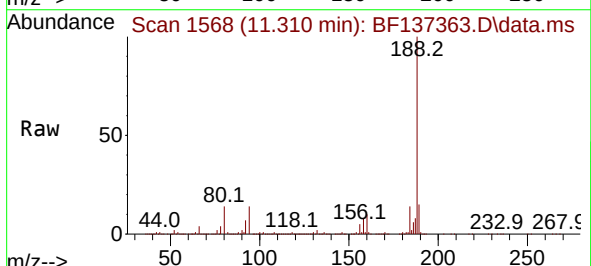
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

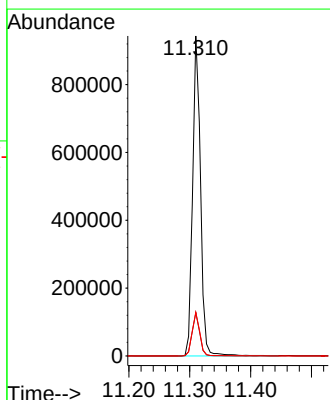
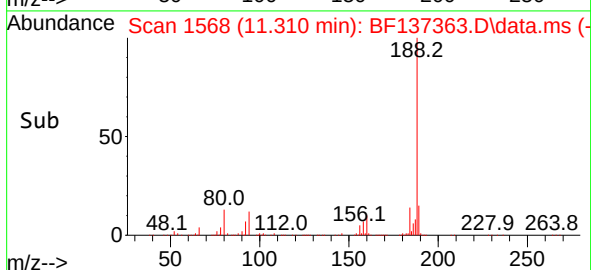
Supervised By :mohammad ahmed 02/14/2024

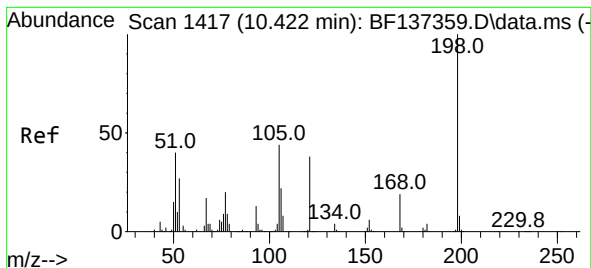


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



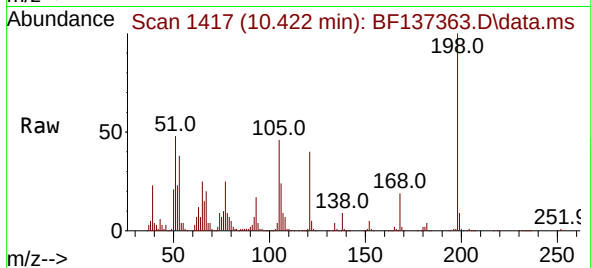
Tgt Ion:188 Resp: 853807
Ion Ratio Lower Upper
188 100
94 13.6 10.6 16.0
80 13.6 11.4 17.2





#65
4,6-Dinitro-2-methylphenol
Concen: 40.429 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

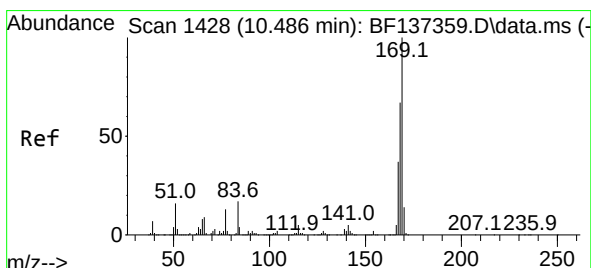
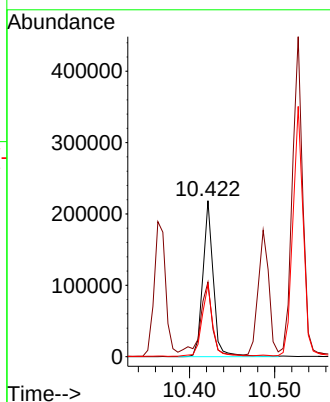
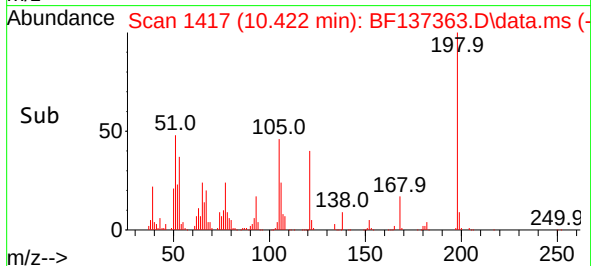
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



Tgt Ion:198 Resp: 18603
Ion Ratio Lower Upper
198 100
51 47.8 25.2 65.2
105 46.1 25.0 65.0

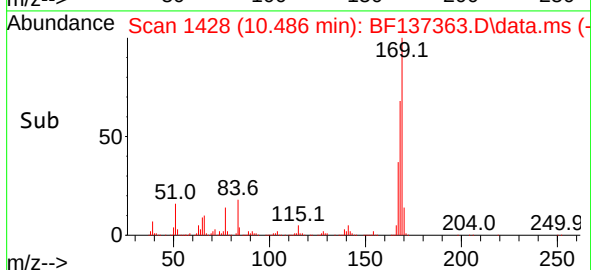
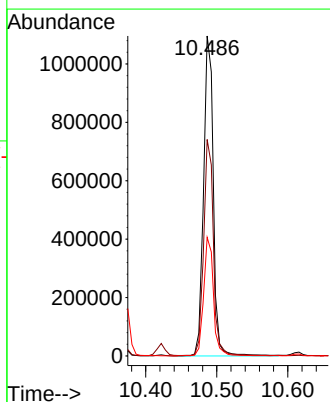
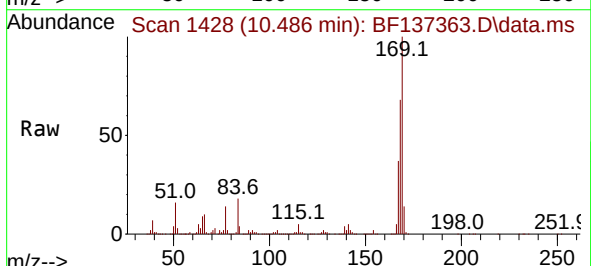
Manual Integrations
APPROVED

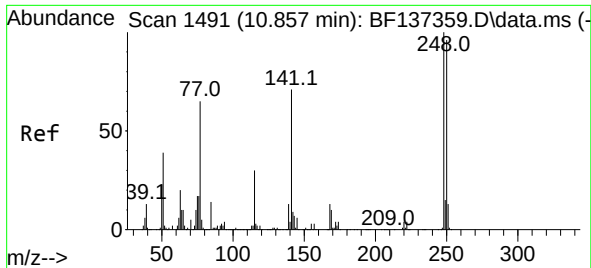
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#66
n-Nitrosodiphenylamine
Concen: 38.756 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:169 Resp: 1044544
Ion Ratio Lower Upper
169 100
168 67.7 53.5 80.3
167 37.1 29.8 44.6





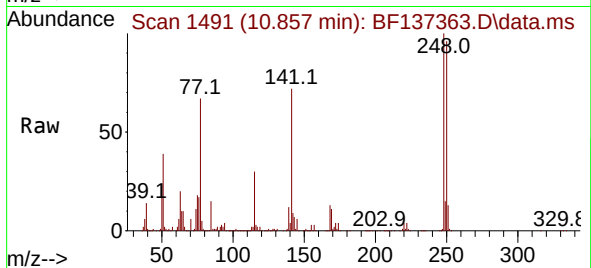
#67
4-Bromophenyl-phenylether
Concen: 38.919 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



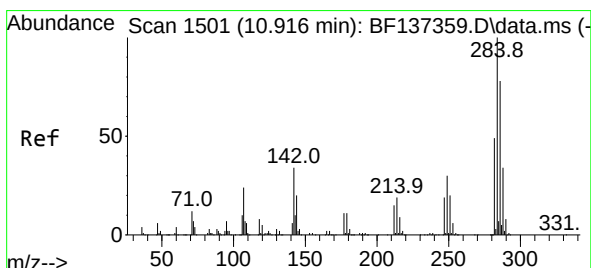
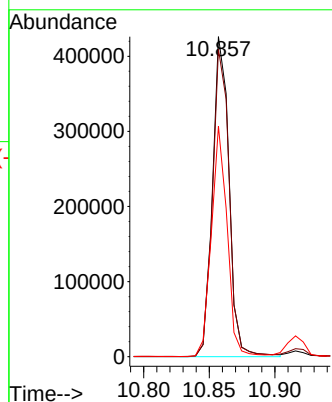
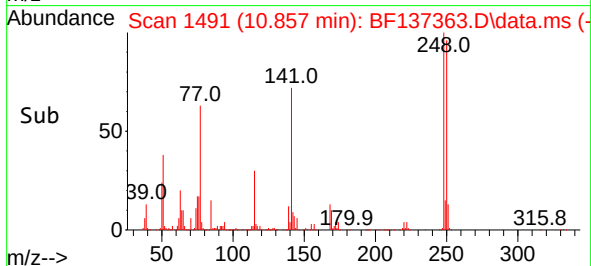
Tgt Ion:248 Resp: 37369
Ion Ratio Lower Upper
248 100
250 96.1 76.7 115.1
141 72.0 57.1 85.7

Manual Integrations

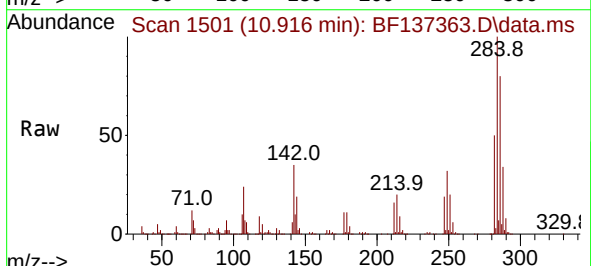
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

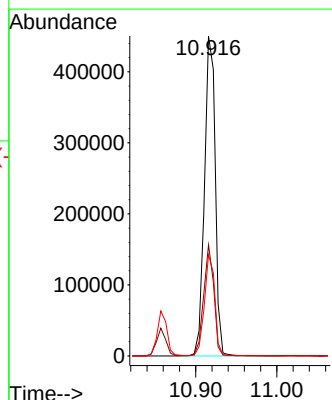
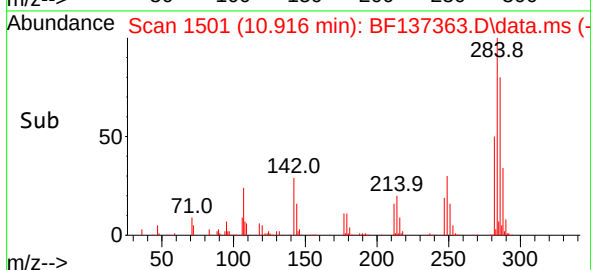
Supervised By :mohammad ahmed 02/14/2024

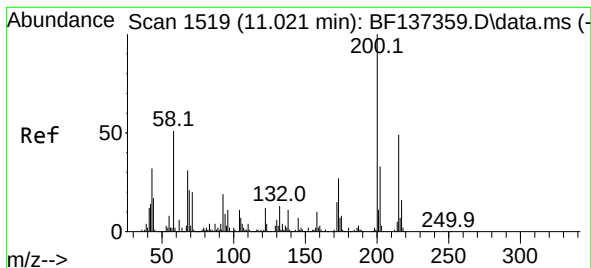


#68
Hexachlorobenzene
Concen: 38.307 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:284 Resp: 415657
Ion Ratio Lower Upper
284 100
142 34.7 27.1 40.7
249 31.7 24.3 36.5





#69

Atrazine

Concen: 46.958 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF137363.D

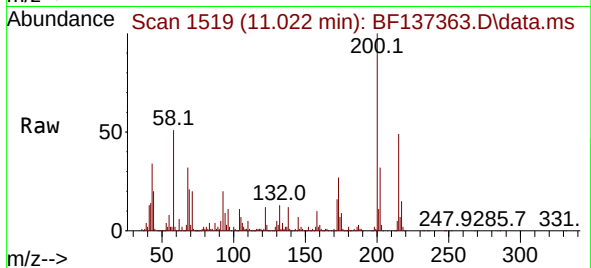
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



Tgt Ion:200 Resp: 283780

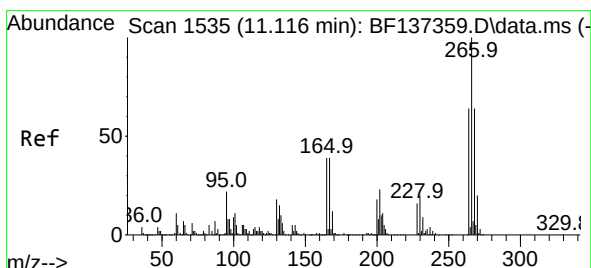
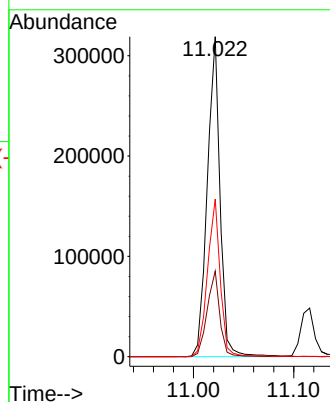
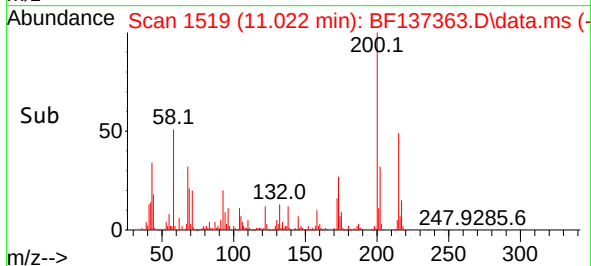
Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.0	47.0
215	49.2	29.5	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#70

Pentachlorophenol

Concen: 43.399 ng

RT: 11.116 min Scan# 1535

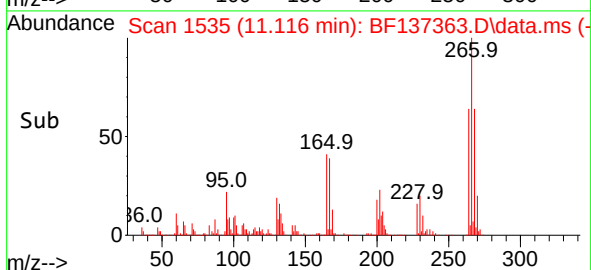
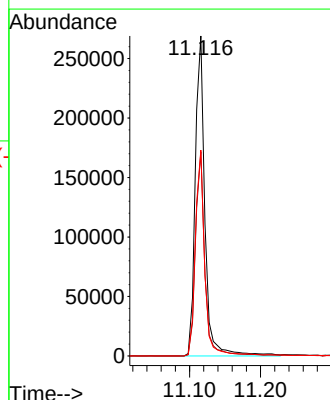
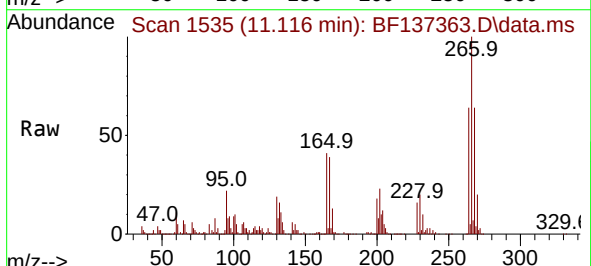
Delta R.T. 0.000 min

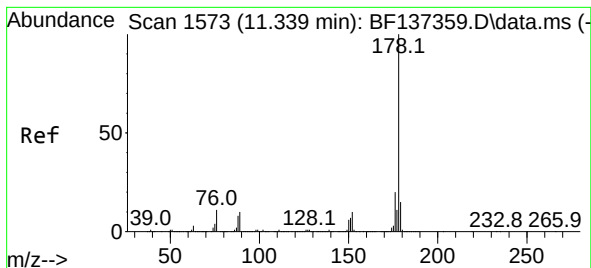
Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Tgt Ion:266 Resp: 255852

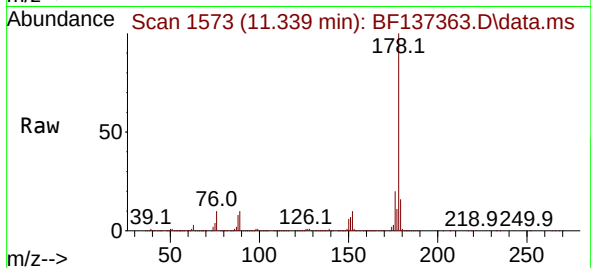
Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.9	76.3
264	64.3	50.8	76.2





#71
Phenanthrene
Concen: 38.063 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

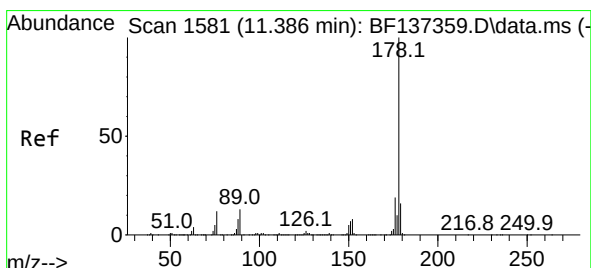
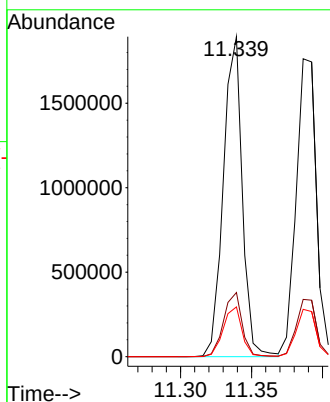
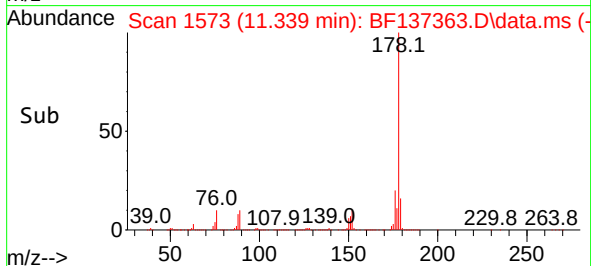
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



Tgt Ion:178 Resp: 1749298
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.6 12.3 18.5

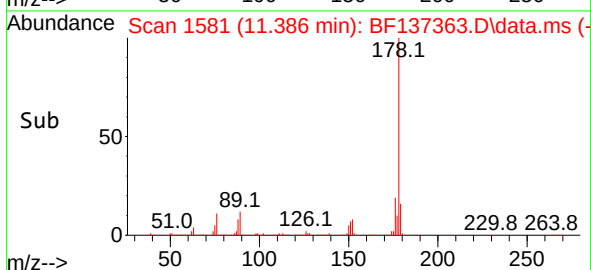
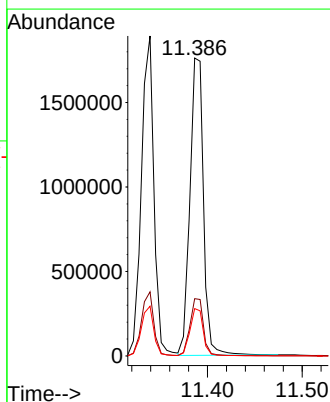
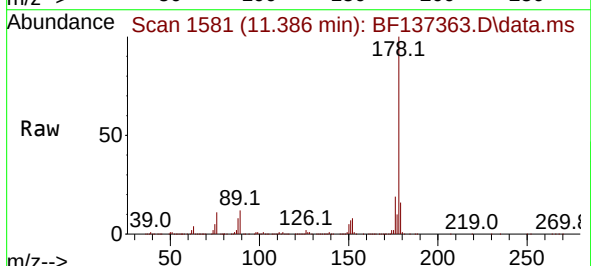
Manual Integrations
APPROVED

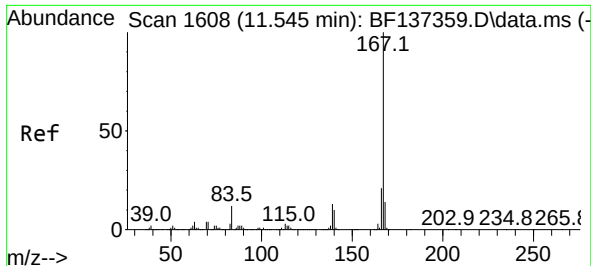
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#72
Anthracene
Concen: 38.458 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:178 Resp: 1759206
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.9 12.7 19.1





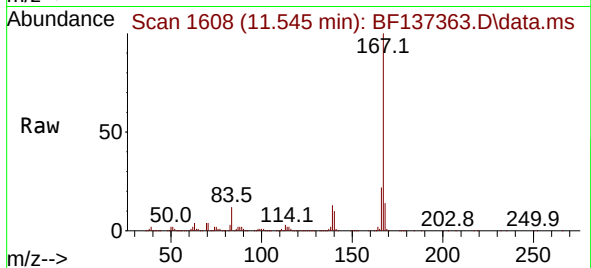
#73
 Carbazole
 Concen: 40.522 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. 0.000 min
 Lab File: BF137363.D
 Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



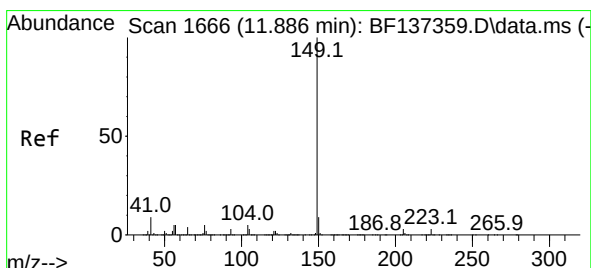
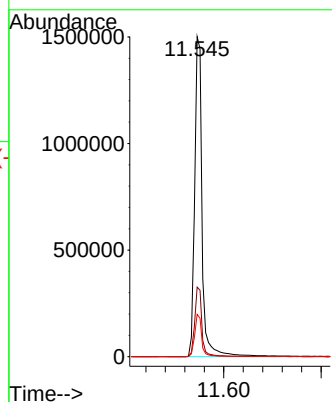
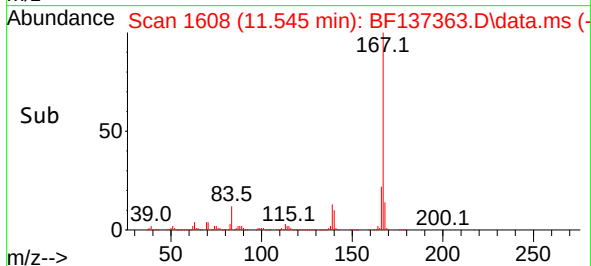
Tgt Ion:167 Resp: 1600318
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.2 10.3 15.5

Manual Integrations

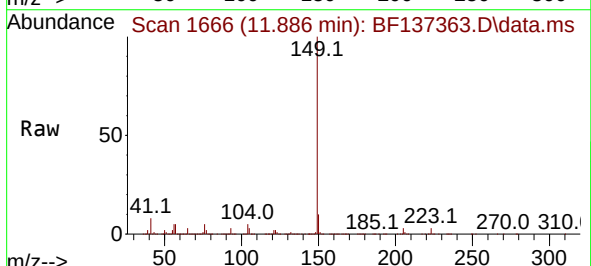
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

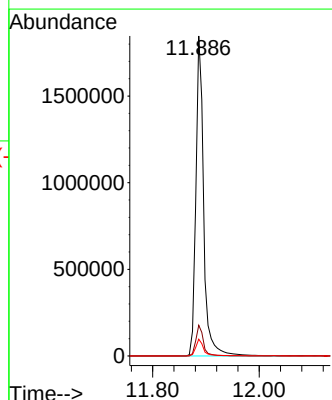
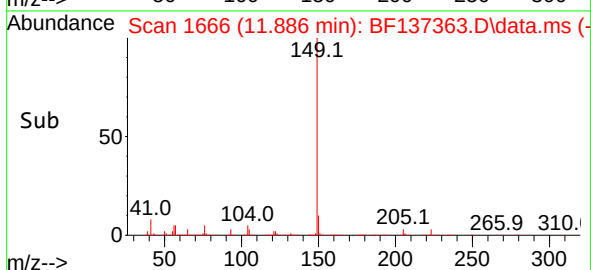
Supervised By :mohammad ahmed 02/14/2024

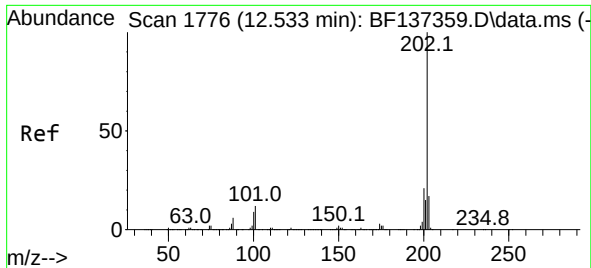


#74
 Di-n-butylphthalate
 Concen: 45.457 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF137363.D
 Acq: 12 Feb 2024 18:26



Tgt Ion:149 Resp: 1874487
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 39.961 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

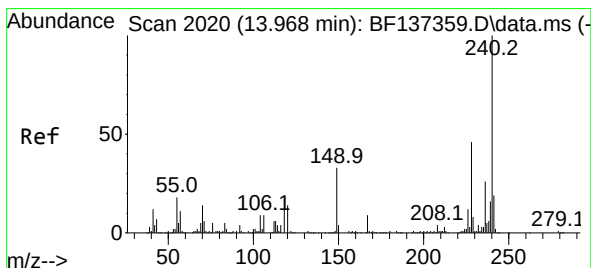
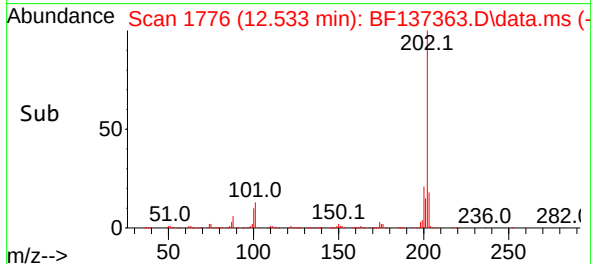
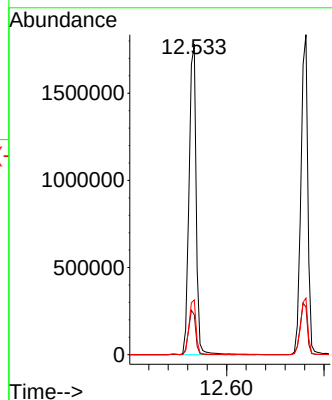
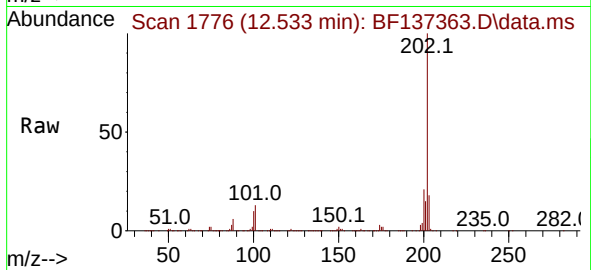
Tgt Ion:202 Resp: 1787960
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.5
203 17.7 0.0 37.4

Manual Integrations

APPROVED

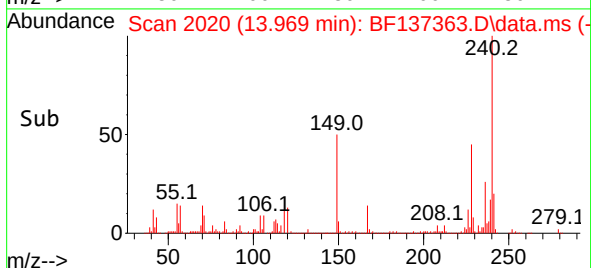
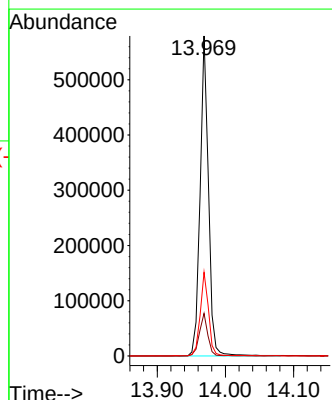
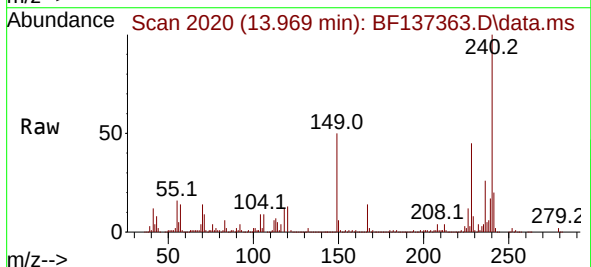
Reviewed By :Yogesh Patel 02/14/2024

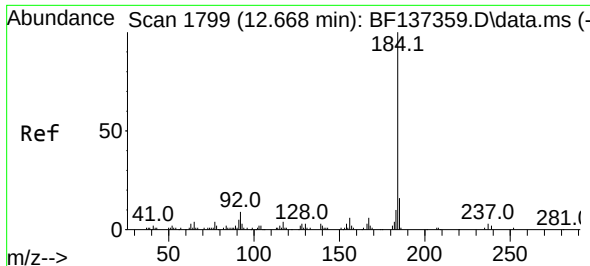
Supervised By :mohammad ahmed 02/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

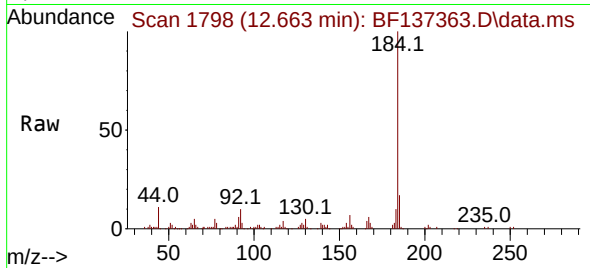
Tgt Ion:240 Resp: 493490
Ion Ratio Lower Upper
240 100
120 13.3 10.9 16.3
236 26.2 20.8 31.2





#77
Benzidine
Concen: 88.010 ng m
RT: 12.663 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

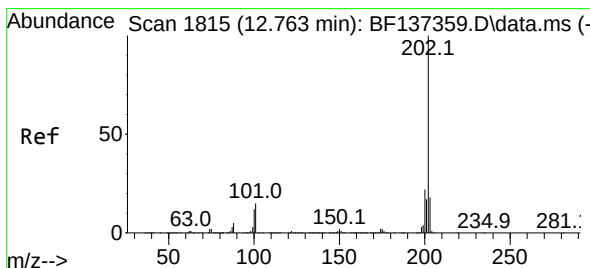
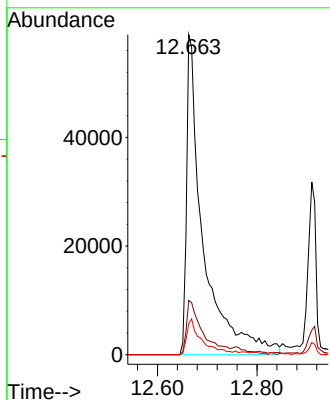
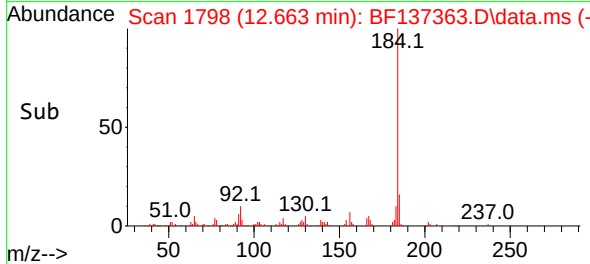
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



Tgt Ion:184 Resp: 13685
Ion Ratio Lower Upper
184 100
185 17.0 13.1 19.7
183 9.7 8.3 12.5

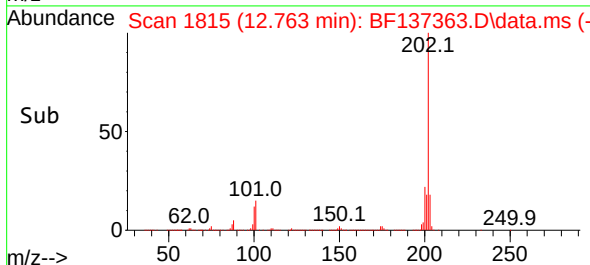
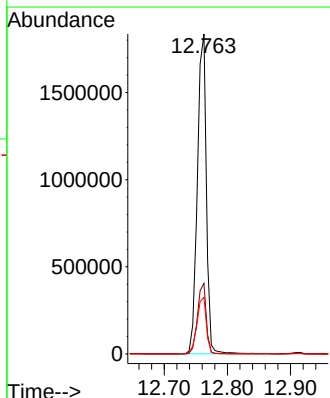
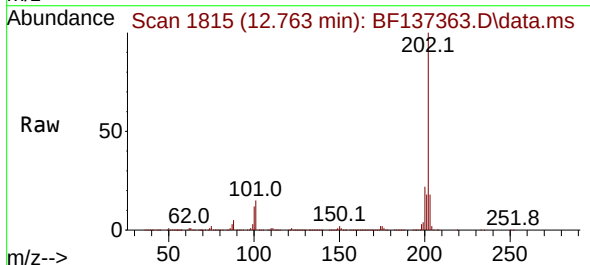
Manual Integrations
APPROVED

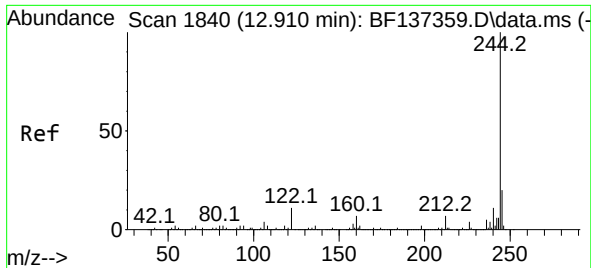
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#78
Pyrene
Concen: 39.880 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:202 Resp: 1804936
Ion Ratio Lower Upper
202 100
200 22.1 17.3 25.9
203 17.7 14.1 21.1





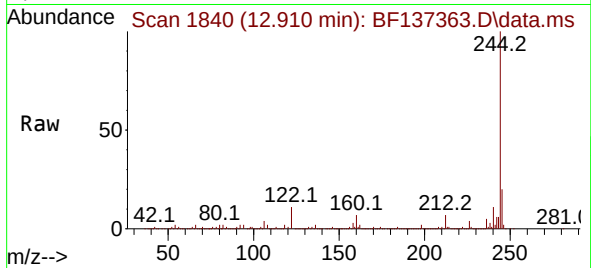
#79
 Terphenyl-d14
 Concen: 79.008 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF137363.D
 Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



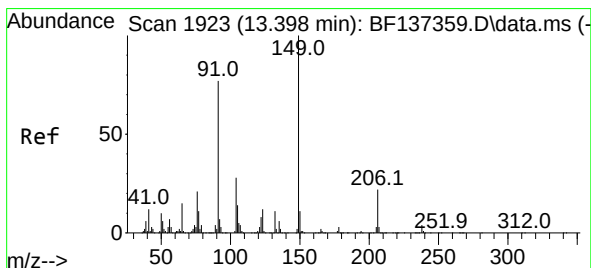
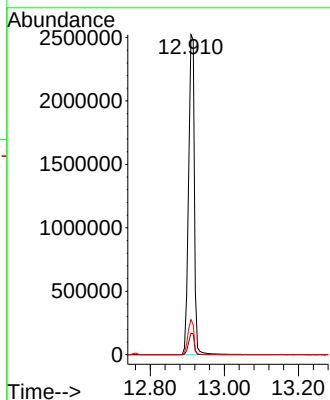
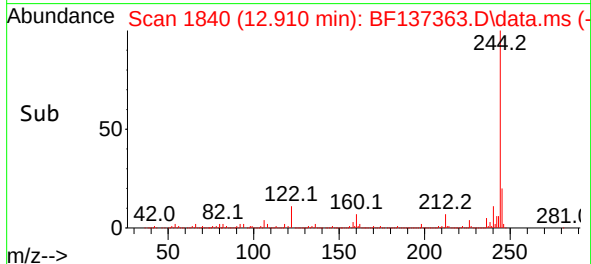
Tgt Ion:244 Resp: 2724108
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.0 9.1 13.7

Manual Integrations

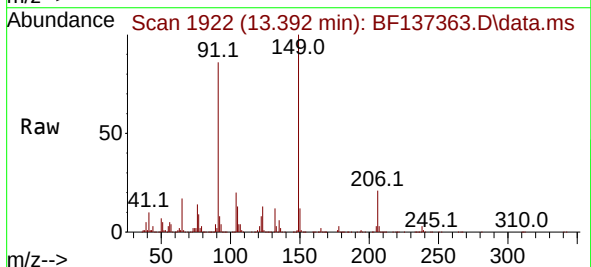
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

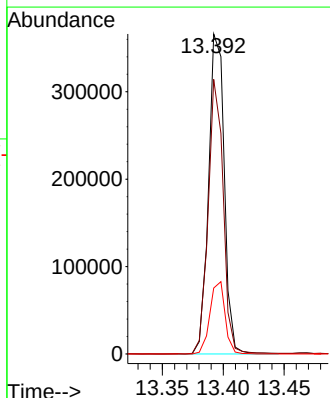
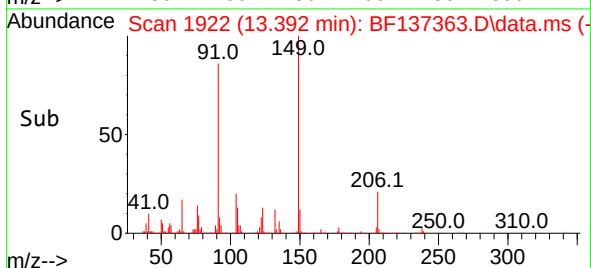
Supervised By :mohammad ahmed 02/14/2024

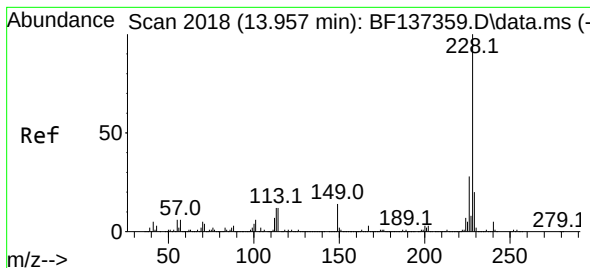


#80
 Butylbenzylphthalate
 Concen: 51.556 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.006 min
 Lab File: BF137363.D
 Acq: 12 Feb 2024 18:26



Tgt Ion:149 Resp: 329117
 Ion Ratio Lower Upper
 149 100
 91 85.8 62.0 93.0
 206 20.6 17.8 26.8





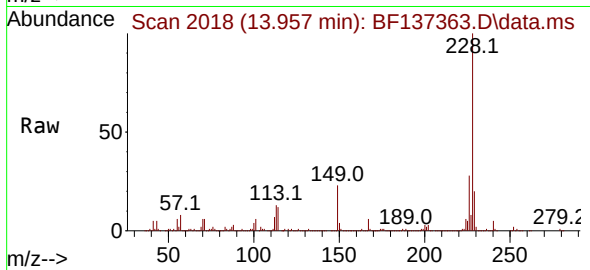
#81
Benzo(a)anthracene
Concen: 39.771 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



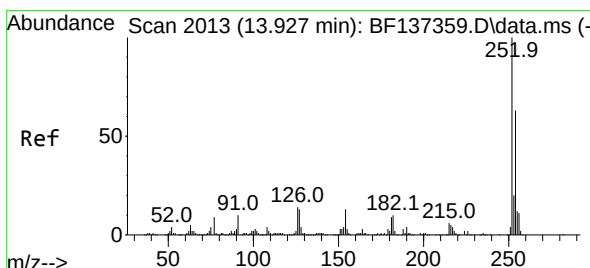
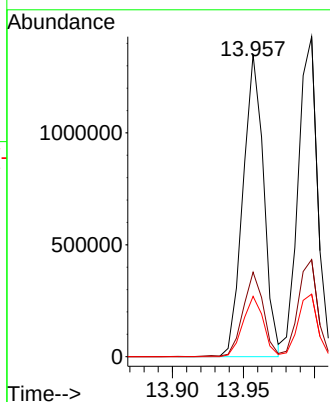
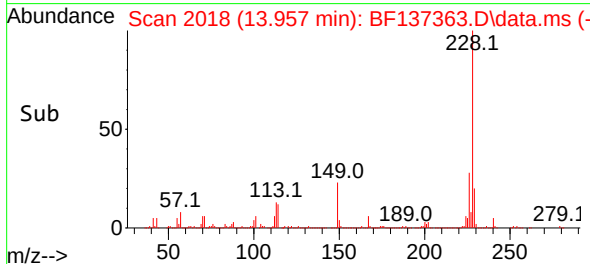
Tgt Ion:228 Resp: 1365274
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 20.0 15.8 23.6

Manual Integrations

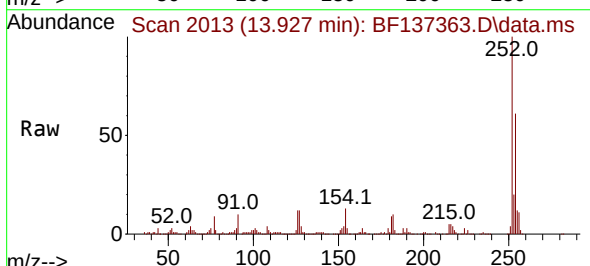
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

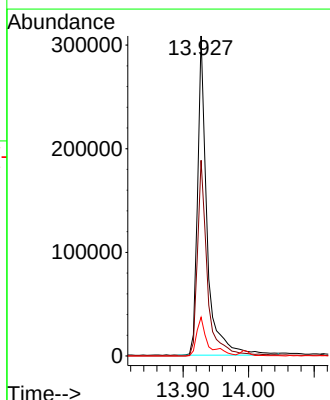
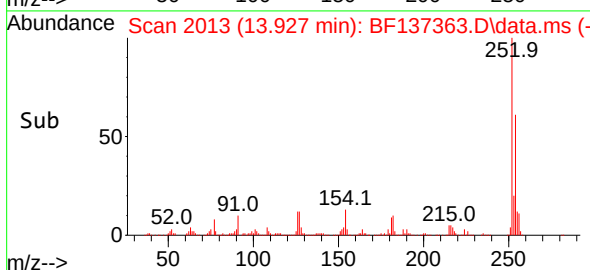
Supervised By :mohammad ahmed 02/14/2024

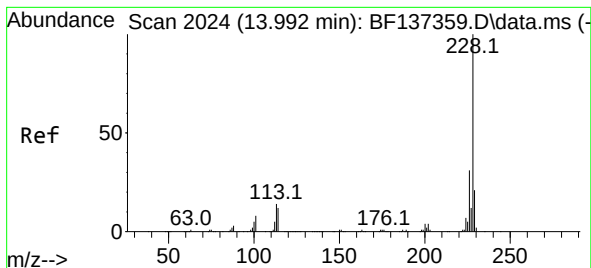


#82
3,3'-Dichlorobenzidine
Concen: 41.802 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26



Tgt Ion:252 Resp: 312511
Ion Ratio Lower Upper
252 100
254 61.2 50.2 75.2
126 12.1 11.0 16.4





#83

Chrysene

Concen: 40.119 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

Tgt Ion:228 Resp: 140878

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

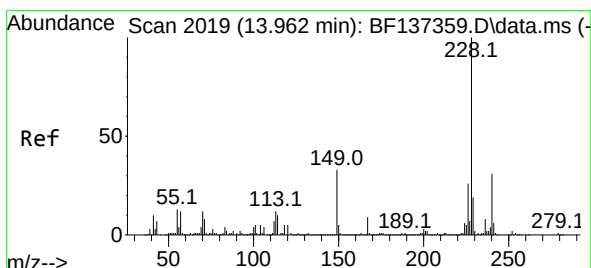
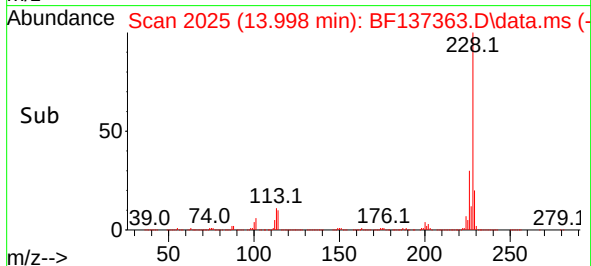
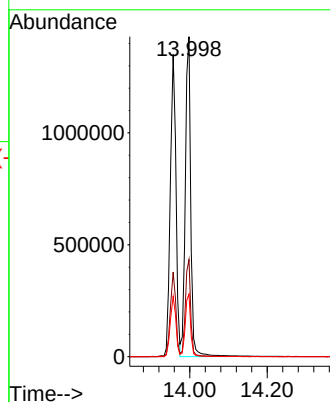
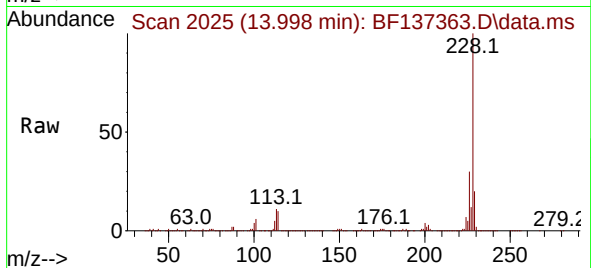
229 19.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.267 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.001 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

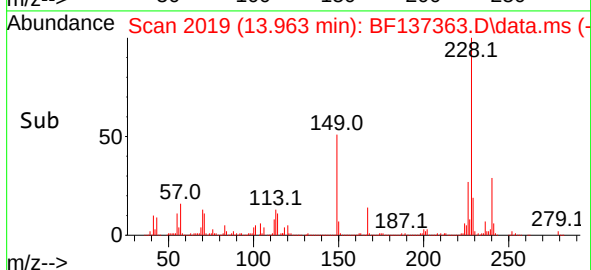
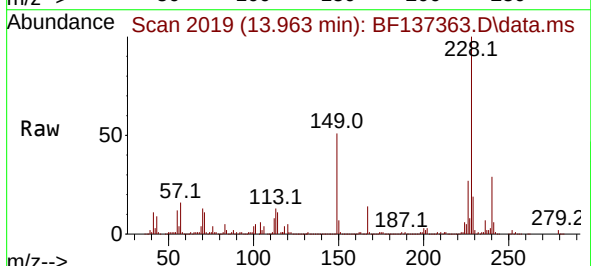
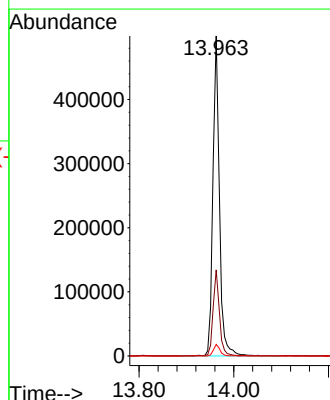
Tgt Ion:149 Resp: 478836

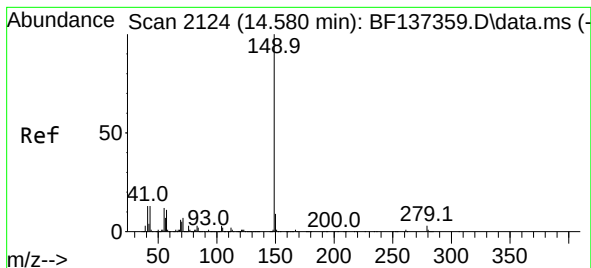
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

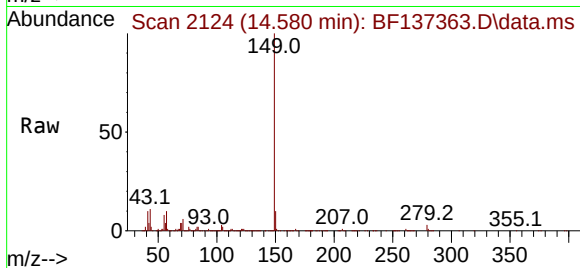
279 3.6 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 48.950 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

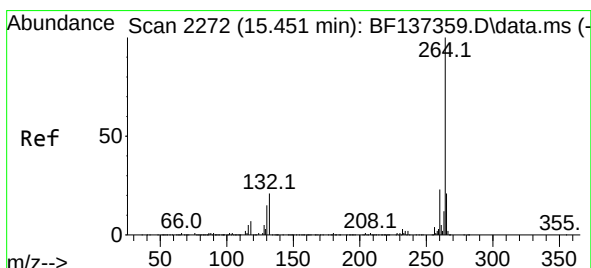
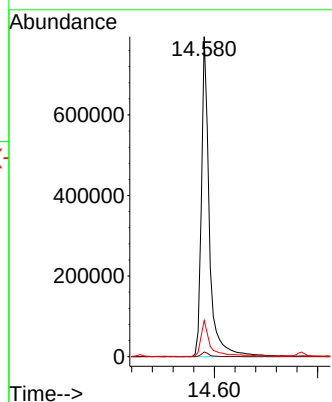
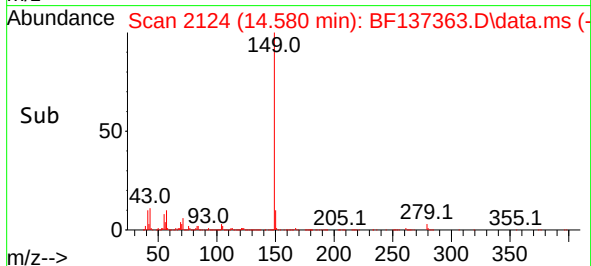
Instrument :
BNA_F
ClientSampleId :
ICVBF021224



Tgt Ion:149 Resp: 84394
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.7 13.8 20.8

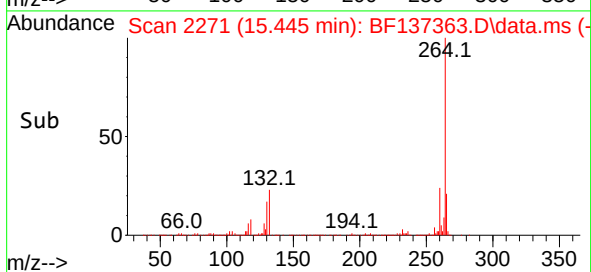
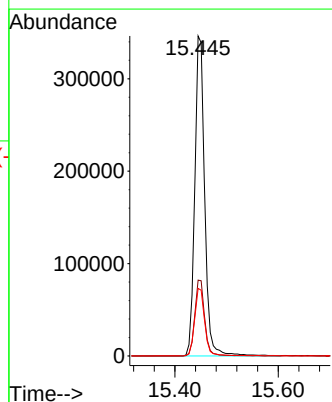
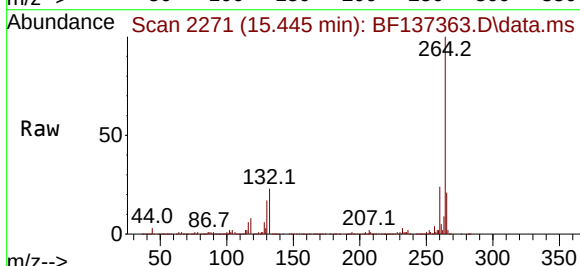
Manual Integrations
APPROVED

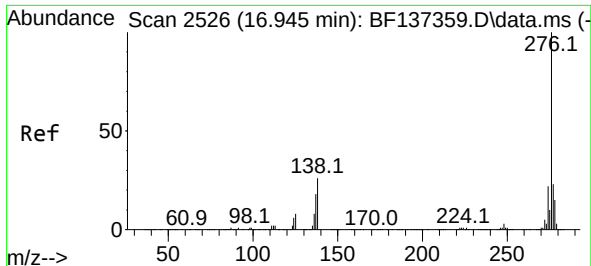
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:264 Resp: 461893
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.1 16.9 25.3





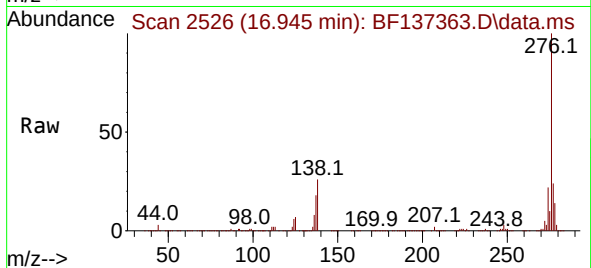
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.607 ng
RT: 16.945 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



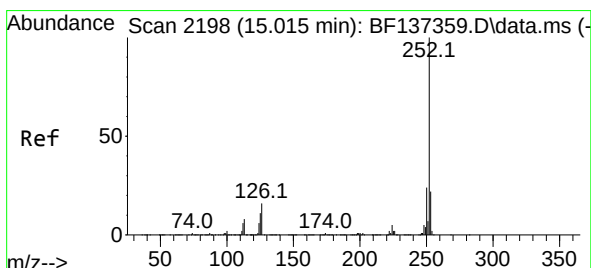
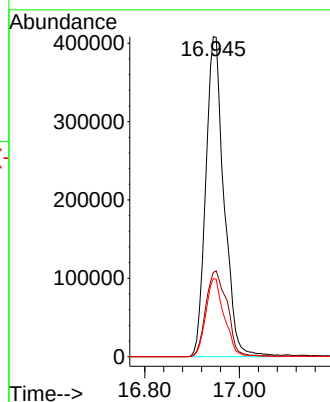
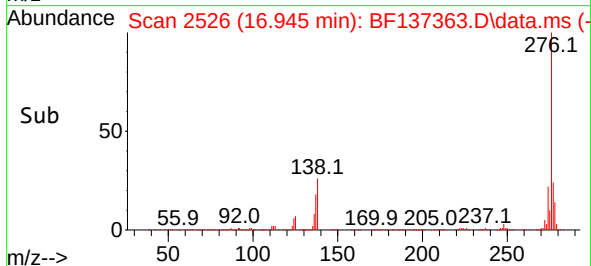
Tgt Ion:276 Resp: 1093389
Ion Ratio Lower Upper
276 100
138 31.4 24.8 37.2
277 24.9 19.8 29.6

Manual Integrations

APPROVED

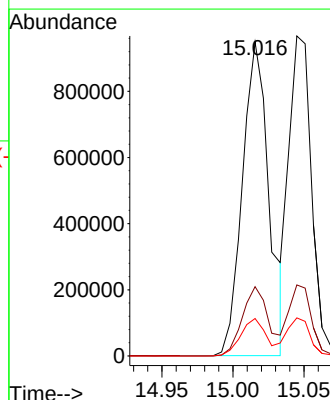
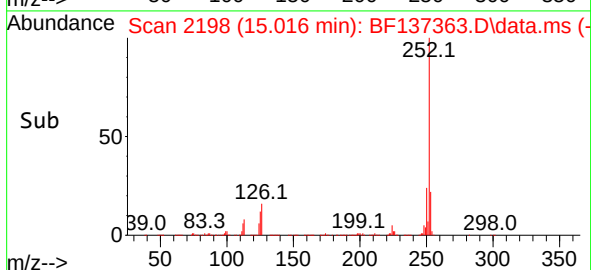
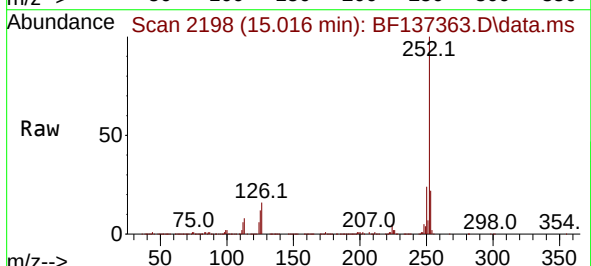
Reviewed By :Yogesh Patel 02/14/2024

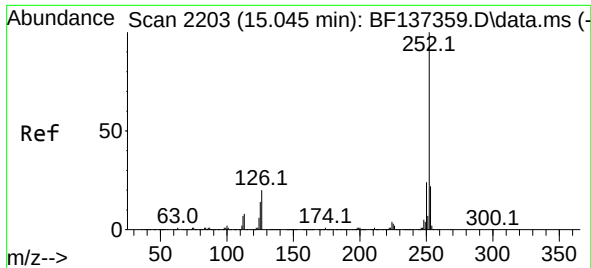
Supervised By :mohammad ahmed 02/14/2024



#88
Benzo(b)fluoranthene
Concen: 40.883 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:252 Resp: 1237239
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.9 9.1 13.7





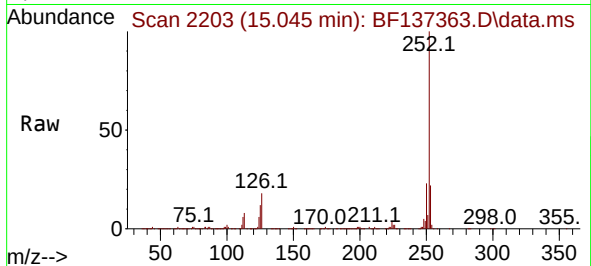
#89
Benzo(k)fluoranthene
Concen: 38.367 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224



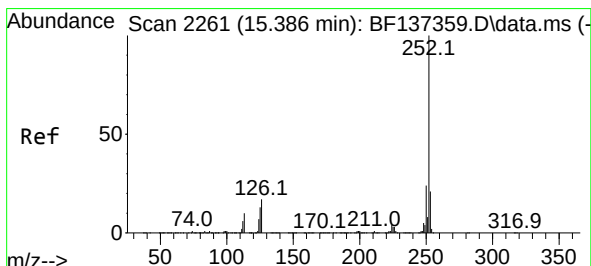
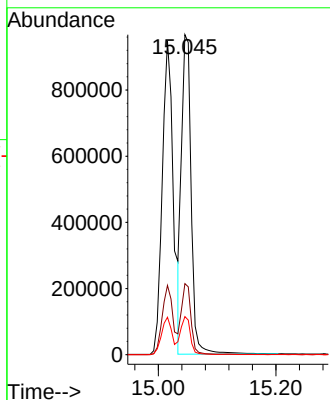
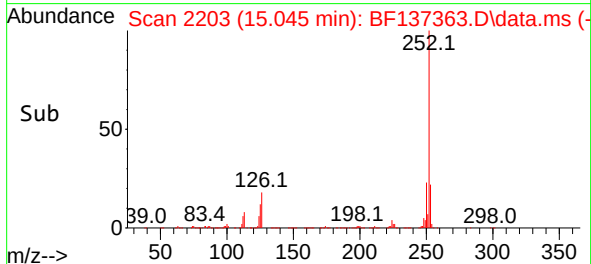
Tgt Ion:252 Resp: 1104592
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.9 10.2 15.2

Manual Integrations

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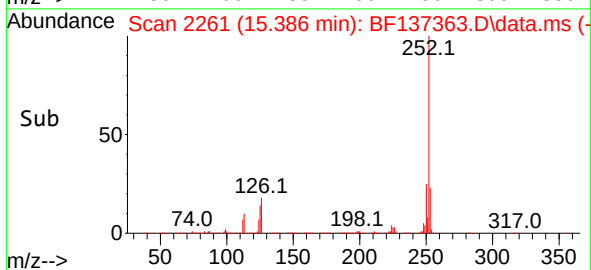
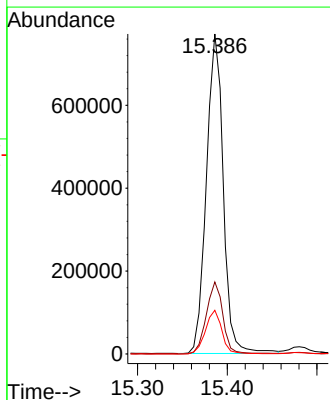
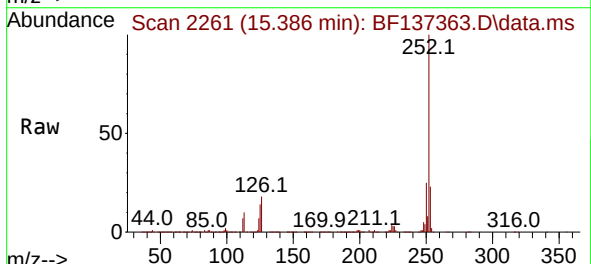
Reviewed By :Yogesh Patel 02/14/2024

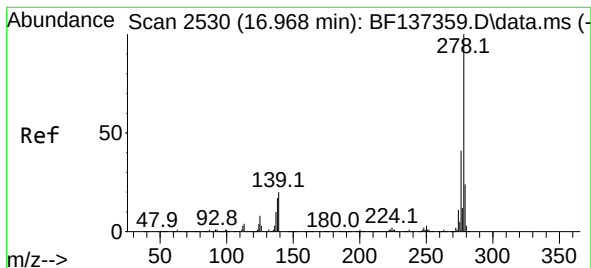
Supervised By :mohammad ahmed 02/14/2024



#90
Benzo(a)pyrene
Concen: 39.928 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF137363.D
Acq: 12 Feb 2024 18:26

Tgt Ion:252 Resp: 1009586
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 13.7 10.3 15.5





#91

Dibenzo(a,h)anthracene

Concen: 40.263 ng

RT: 16.974 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_F

ClientSampleId :

ICVBF021224

Tgt Ion:278 Resp: 88753

Ion Ratio Lower Upper

278 100

139 20.1 16.4 24.6

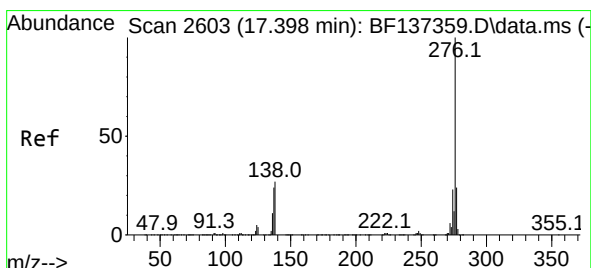
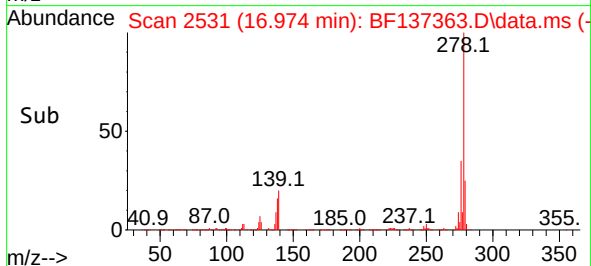
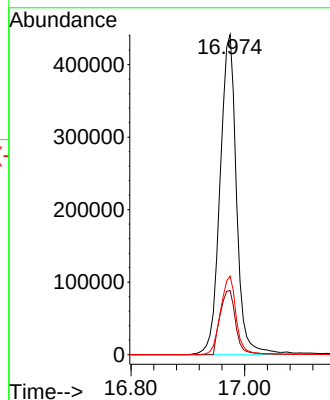
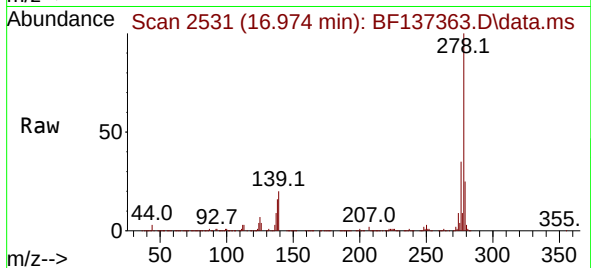
279 24.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#92

Benzo(g,h,i)perylene

Concen: 39.322 ng

RT: 17.404 min Scan# 2604

Delta R.T. 0.006 min

Lab File: BF137363.D

Acq: 12 Feb 2024 18:26

Tgt Ion:276 Resp: 909274

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 26.3 22.0 33.0

