

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137382.D
 Acq On : 26 Feb 2024 13:17
 Operator : CG\JU
 Sample : PB159212BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159212BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 13:37:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	229331	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	948117	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	531443	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	946741	20.000	ng	0.00
76) Chrysene-d12	13.980	240	508241	20.000	ng	0.00
86) Perylene-d12	15.457	264	436313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1993135	134.106	ng	0.02
7) Phenol-d6	6.445	99	2772586	126.817	ng	0.00
23) Nitrobenzene-d5	7.363	82	1700533	89.544	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	688898	148.860	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2861366	83.823	ng	0.00
79) Terphenyl-d14	12.927	244	3291646	90.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	310419	38.127	ng	100
3) Pyridine	3.416	79	689954	33.800	ng	98
4) n-Nitrosodimethylamine	3.387	42	352383	45.317	ng	97
6) Aniline	6.469	93	661428	25.511	ng	94
8) 2-Chlorophenol	6.587	128	783200	49.132	ng	98
9) Benzaldehyde	6.351	77	169969	16.148	ng	96
10) Phenol	6.457	94	1089823	45.547	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	796467	45.809	ng	97
12) 1,3-Dichlorobenzene	6.740	146	787757	46.018	ng	99
13) 1,4-Dichlorobenzene	6.816	146	815651	46.278	ng	99
14) 1,2-Dichlorobenzene	6.969	146	772283	47.372	ng	97
15) Benzyl Alcohol	6.945	79	706072	54.178	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1330302	46.033	ng	100
17) 2-Methylphenol	7.057	107	675930	44.815	ng	98
18) Hexachloroethane	7.304	117	280282	46.149	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	606874	45.046	ng	96
20) 3+4-Methylphenols	7.210	107	771271	44.865	ng	89
22) Acetophenone	7.210	105	1053363	45.816	ng	98
24) Nitrobenzene	7.381	77	902045	46.745	ng	94
25) Isophorone	7.622	82	1800794	45.853	ng	100
26) 2-Nitrophenol	7.698	139	362068	49.036	ng	98
27) 2,4-Dimethylphenol	7.739	122	597146	41.344	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	1053595	46.544	ng	99
29) 2,4-Dichlorophenol	7.939	162	663275	48.996	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	686196	47.225	ng	99
31) Naphthalene	8.098	128	2260212	44.422	ng	99
32) Benzoic acid	7.887	122	417729	47.371	ng	98
33) 4-Chloroaniline	8.151	127	263913	13.638	ng	97
34) Hexachlorobutadiene	8.216	225	391425	45.346	ng	99
35) Caprolactam	8.534	113	206849m	49.410	ng	
36) 4-Chloro-3-methylphenol	8.639	107	748252	48.755	ng	98
37) 2-Methylnaphthalene	8.792	142	1404823	42.848	ng	99
38) 1-Methylnaphthalene	8.892	142	1347572	43.473	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	673859	46.037	ng	99
41) Hexachlorocyclopentadiene	8.945	237	665198	100.233	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	476037	50.158	ng	97

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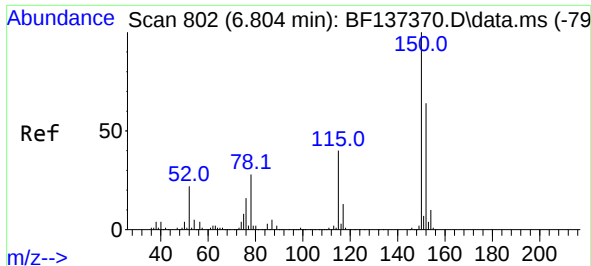
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	495810	45.537	ng	98
46) 1,1'-Biphenyl	9.257	154	1744635	45.073	ng	99
47) 2-Chloronaphthalene	9.281	162	1378624	47.163	ng	99
48) 2-Nitroaniline	9.386	65	436222	49.034	ng	92
49) Acenaphthylene	9.698	152	2238081	47.125	ng	99
50) Dimethylphthalate	9.569	163	1695068	46.159	ng	99
51) 2,6-Dinitrotoluene	9.628	165	351170	51.403	ng	91
52) Acenaphthene	9.869	154	1257980	44.373	ng	99
53) 3-Nitroaniline	9.798	138	224946	29.759	ng	99
54) 2,4-Dinitrophenol	9.904	184	348390	100.896	ng	97
55) Dibenzofuran	10.045	168	1939303	44.260	ng	99
56) 4-Nitrophenol	9.969	139	560130	95.781	ng	96
57) 2,4-Dinitrotoluene	10.033	165	441512	51.048	ng	98
58) Fluorene	10.386	166	1460997	43.661	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	444107	49.255	ng	94
60) Diethylphthalate	10.269	149	1602680	46.745	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	712591	43.291	ng	99
62) 4-Nitroaniline	10.422	138	345133m	48.018	ng	
63) Azobenzene	10.539	77	1861797	45.387	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	224907	48.528	ng	98
66) n-Nitrosodiphenylamine	10.504	169	1351572	43.957	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	465523	45.739	ng	99
68) Hexachlorobenzene	10.933	284	499508	47.443	ng	98
69) Atrazine	11.039	200	387734	46.727	ng	99
70) Pentachlorophenol	11.133	266	611852	91.722	ng	98
71) Phenanthrene	11.351	178	2261224	43.291	ng	100
72) Anthracene	11.404	178	2279563	42.348	ng	98
73) Carbazole	11.563	167	2029750	44.133	ng	99
74) Di-n-butylphthalate	11.898	149	2376649	51.645	ng	100
75) Fluoranthene	12.545	202	2220086	43.543	ng	99
77) Benzidine	12.674	184	197663	26.421	ng	96
78) Pyrene	12.774	202	2237028	46.548	ng	99
80) Butylbenzylphthalate	13.404	149	423251	56.283	ng	96
81) Benzo(a)anthracene	13.968	228	1630314	46.227	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	327249	40.652	ng	99
83) Chrysene	14.010	228	1624936	45.103	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	546186	56.481	ng	98
85) Di-n-octyl phthalate	14.586	149	972314	56.156	ng	94
87) Indeno(1,2,3-cd)pyrene	16.968	276	1511014	49.936	ng	99
88) Benzo(b)fluoranthene	15.027	252	1281048	47.862	ng	99
89) Benzo(k)fluoranthene	15.057	252	1341531	47.821	ng	99
90) Benzo(a)pyrene	15.398	252	1200187	47.273	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1229032	49.599	ng	97
92) Benzo(g,h,i)perylene	17.427	276	1229636	48.047	ng	99

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



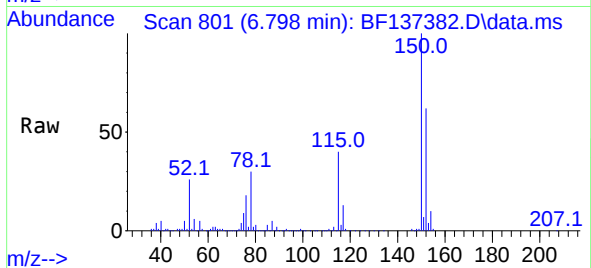
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

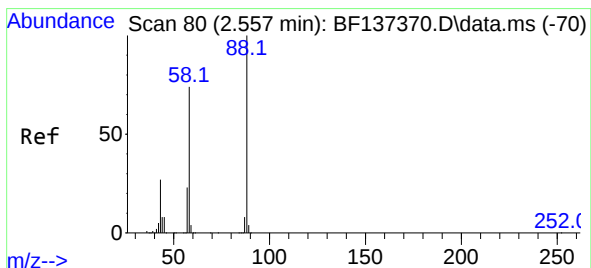
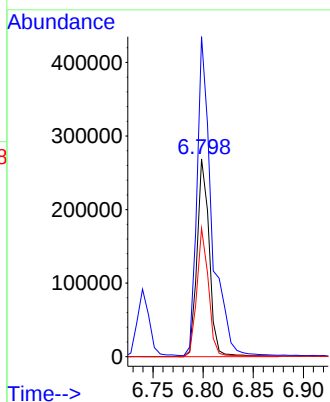
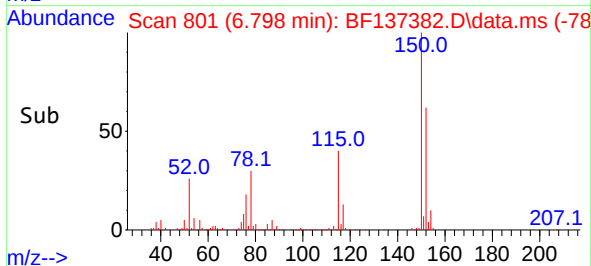


Tgt Ion:152 Resp: 22933
Ion Ratio Lower Upper
152 100
150 161.9 125.7 188.5
115 65.0 49.8 74.8

Manual Integrations

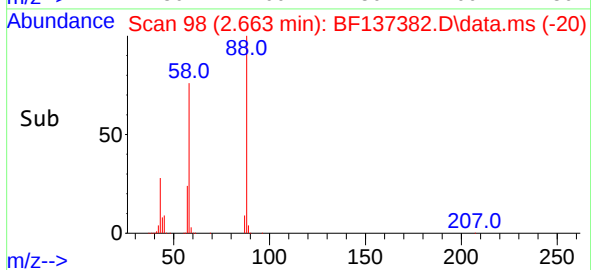
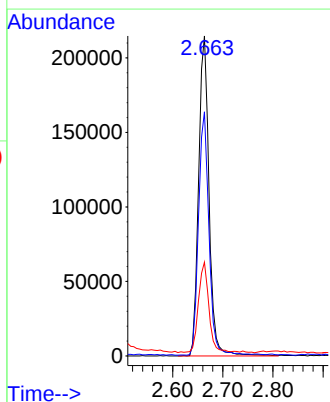
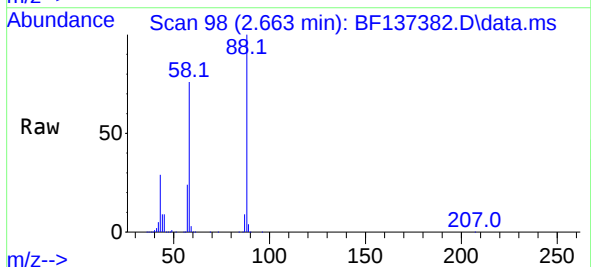
APPROVED

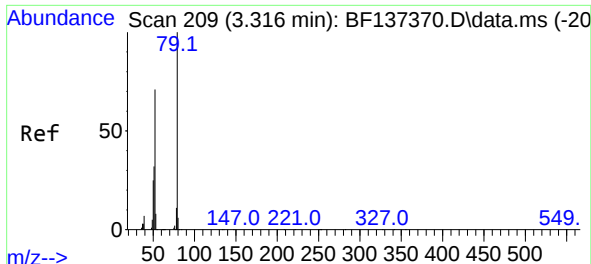
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#2
1,4-Dioxane
Concen: 38.127 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.106 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

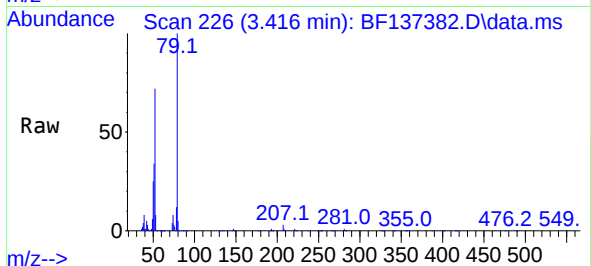
Tgt Ion: 88 Resp: 310419
Ion Ratio Lower Upper
88 100
58 75.5 60.6 91.0
43 27.7 22.0 33.0





#3
Pyridine
Concen: 33.800 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

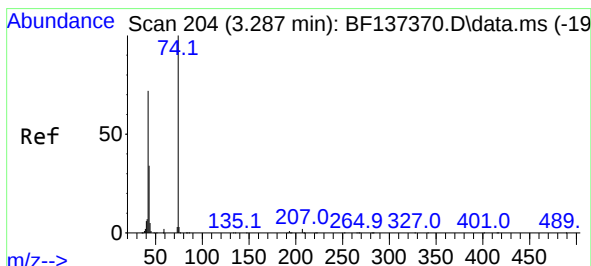
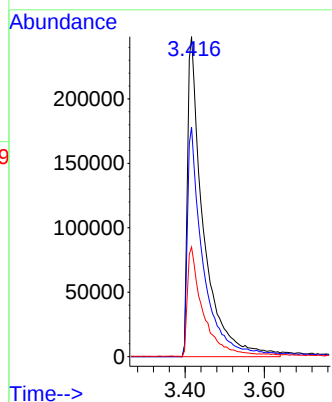
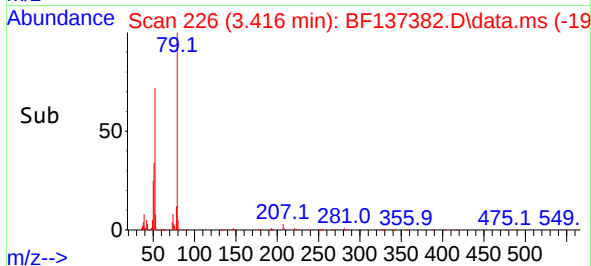
Instrument :
BNA_F
ClientSampleId :
PB159212BS



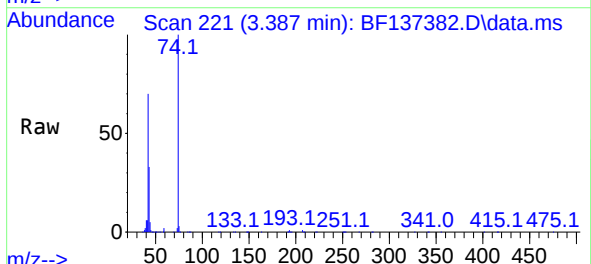
Tgt Ion: 79 Resp: 689954
Ion Ratio Lower Upper
79 100
52 71.8 56.5 84.7
51 34.2 26.2 39.2

Manual Integrations
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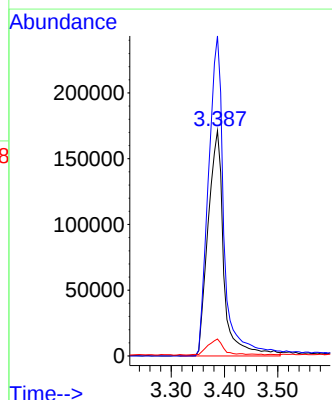
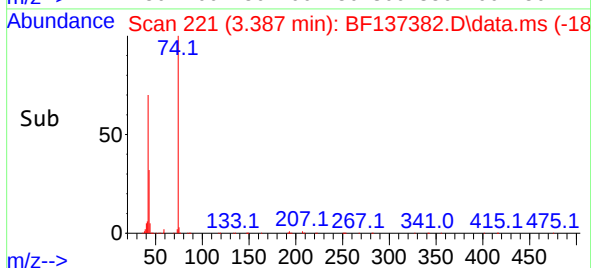
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

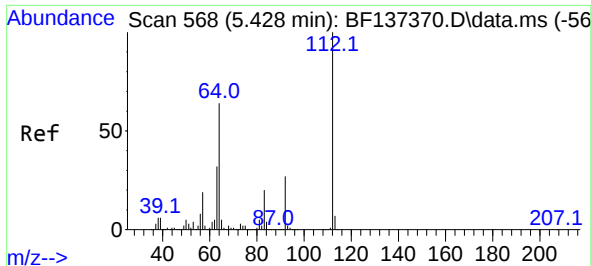


#4
n-Nitrosodimethylamine
Concen: 45.317 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.100 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



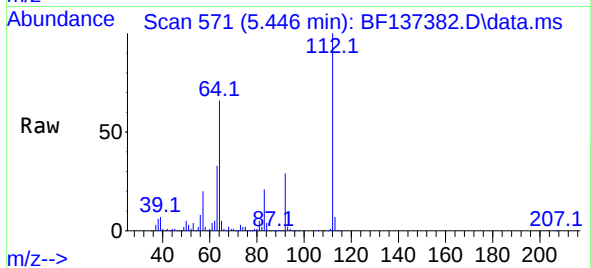
Tgt Ion: 42 Resp: 352383
Ion Ratio Lower Upper
42 100
74 142.1 110.8 166.2
44 7.5 6.0 9.0





#5
2-Fluorophenol
Concen: 134.106 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

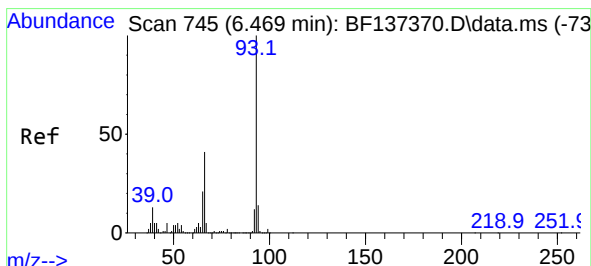
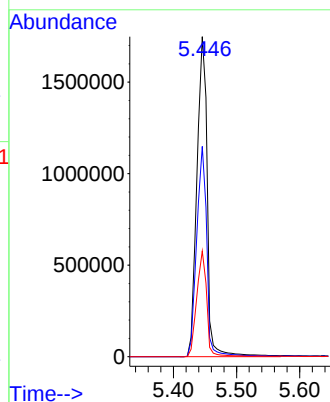
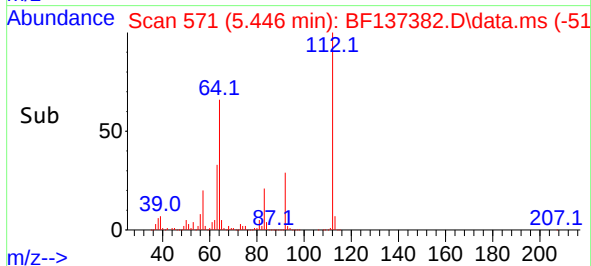
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 199313
Ion Ratio Lower Upper
112 100
64 65.7 51.0 76.6
63 33.0 25.7 38.5

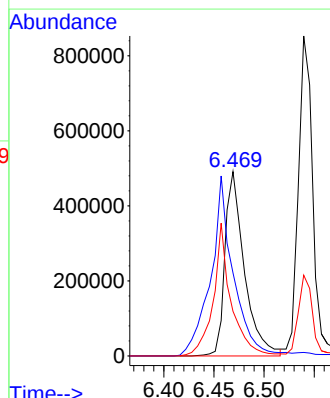
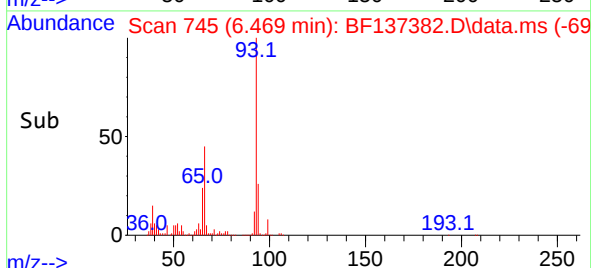
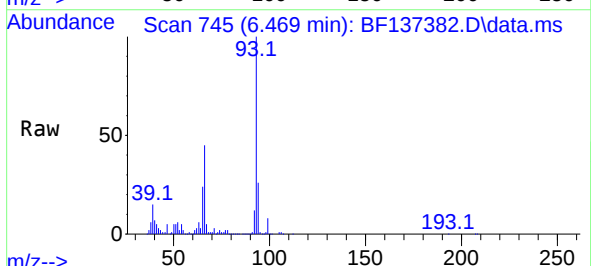
Manual Integrations
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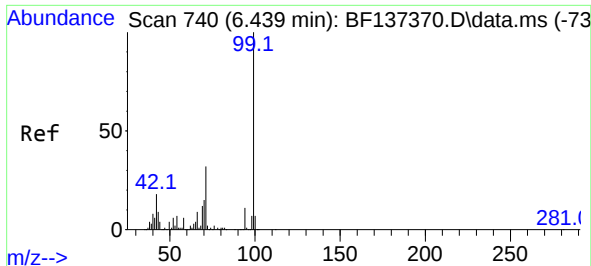
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#6
Aniline
Concen: 25.511 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

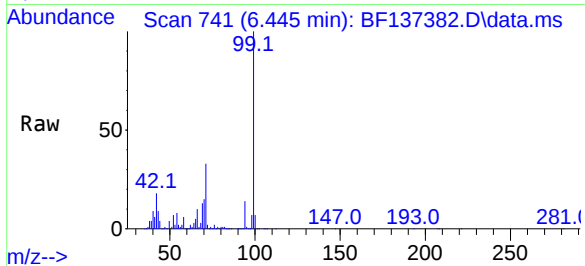
Tgt Ion: 93 Resp: 661428
Ion Ratio Lower Upper
93 100
66 45.0 33.0 49.4
65 24.2 17.0 25.6





#7
Phenol-d6
Concen: 126.817 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

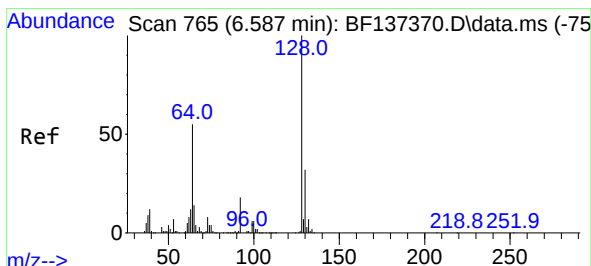
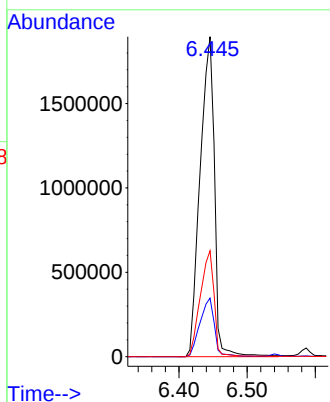
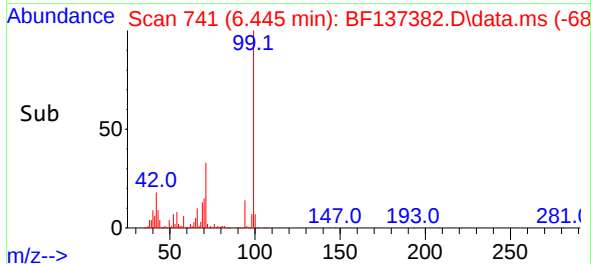
Instrument :
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Tgt Ion: 99 Resp: 2772580
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 33.1 25.2 37.8

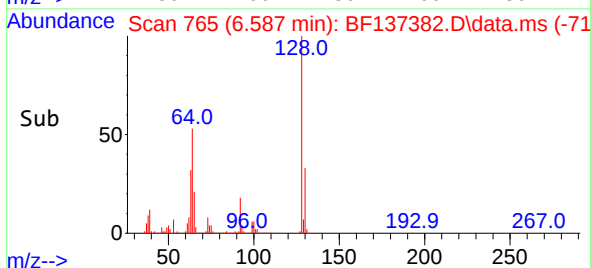
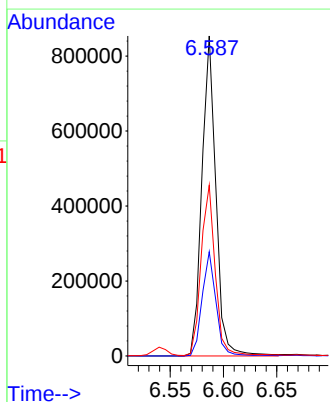
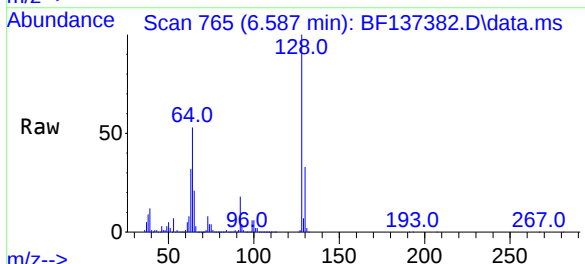
Manual Integrations
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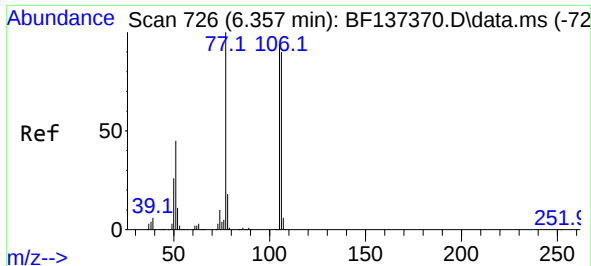
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#8
2-Chlorophenol
Concen: 49.132 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

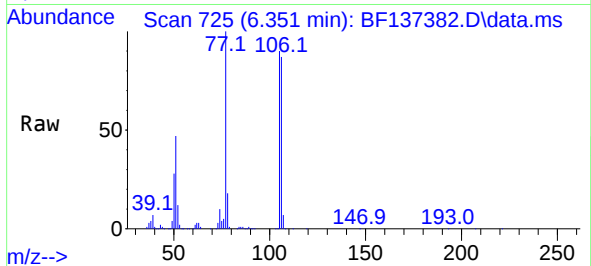
Tgt Ion:128 Resp: 783200
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 53.4 35.3 75.3





#9
Benzaldehyde
Concen: 16.148 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

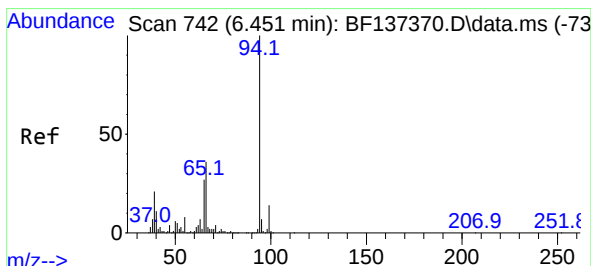
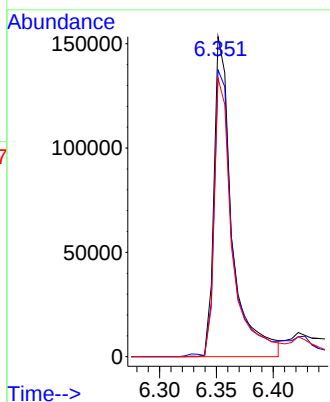
Instrument :
BNA_F
ClientSampleId :
PB159212BS



Tgt Ion: 77 Resp: 169969
Ion Ratio Lower Upper
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105 89.6 74.1 114.1
106 87.0 70.2 110.2

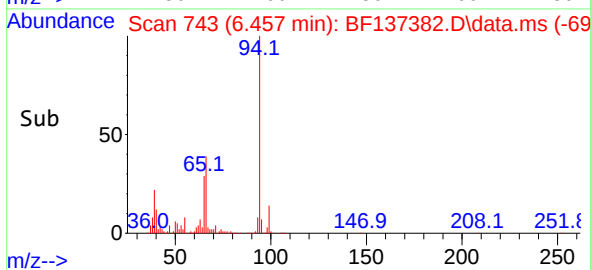
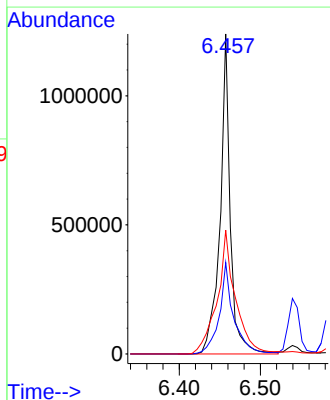
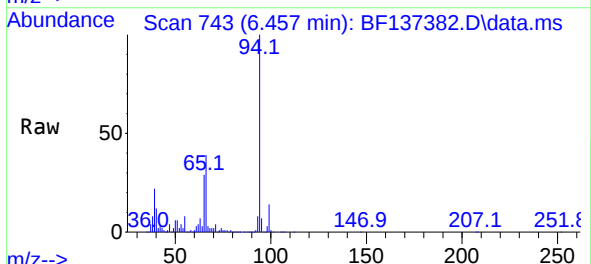
Manual Integrations
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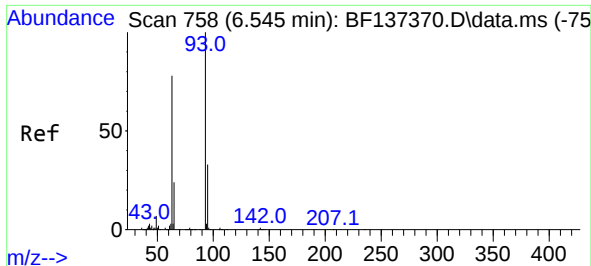
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#10
Phenol
Concen: 45.547 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion: 94 Resp: 1089823
Ion Ratio Lower Upper
94 100
65 28.5 7.4 47.4
66 38.7 15.6 55.6





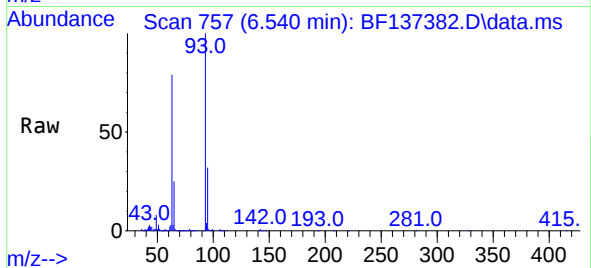
#11
bis(2-Chloroethyl)ether
Concen: 45.809 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



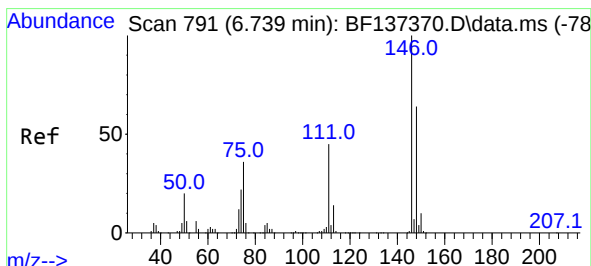
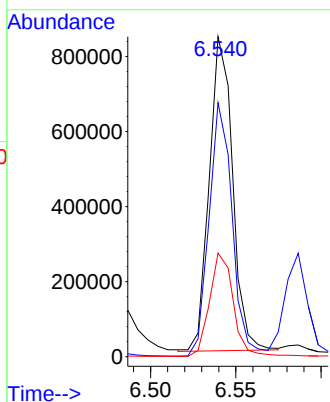
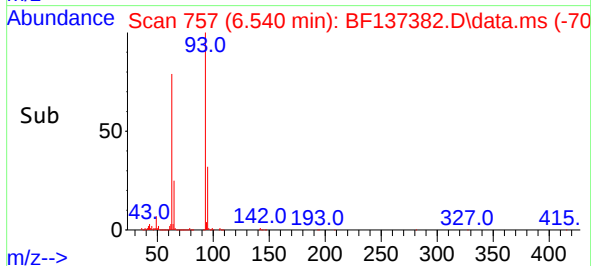
Tgt Ion: 93 Resp: 79646
Ion Ratio Lower Upper
93 100
63 79.3 56.1 96.1
95 32.3 12.7 52.7

Manual Integrations

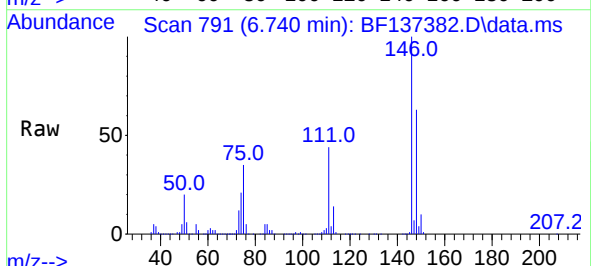
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

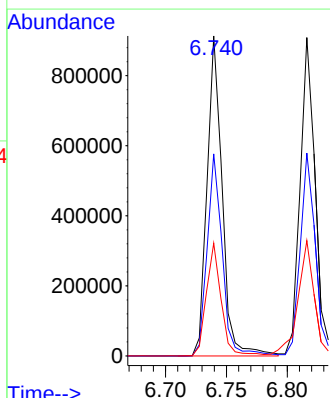
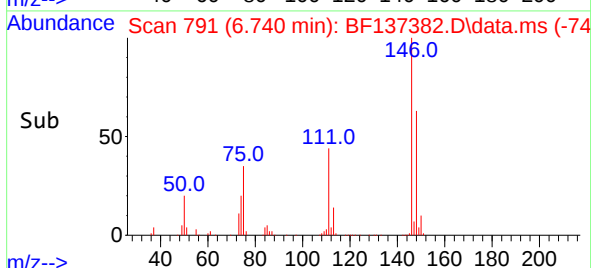
Supervised By :mohammad ahmed 02/27/2024

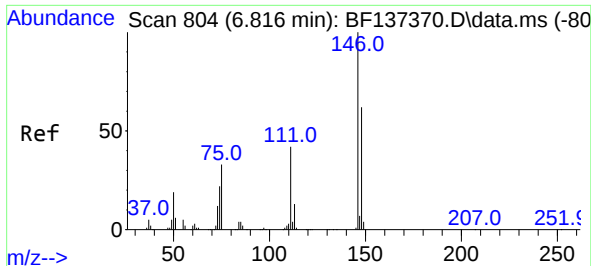


#12
1,3-Dichlorobenzene
Concen: 46.018 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:146 Resp: 787757
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 35.2 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 46.278 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

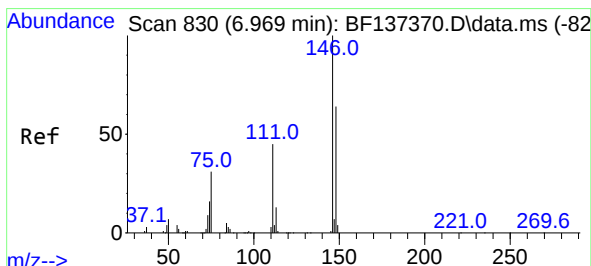
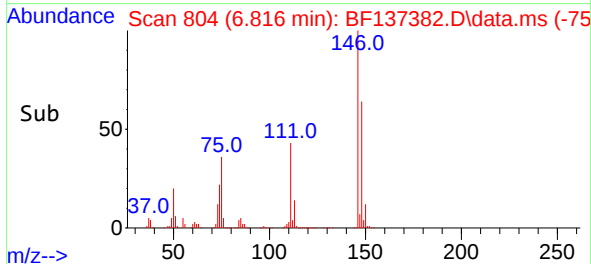
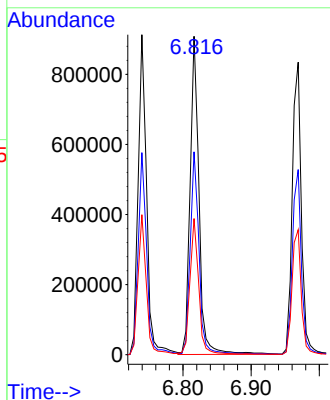
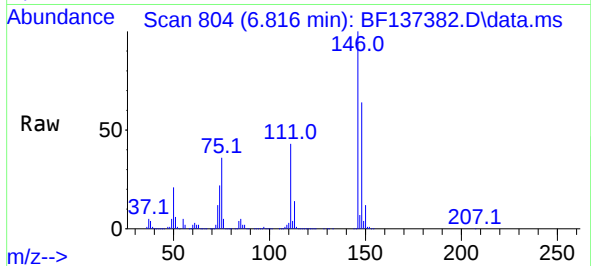
ClientSampleId :

PB159212BS

Tgt Ion:146 Resp: 81565
Ion Ratio Lower Upper
146 100
148 63.7 49.9 74.9
111 42.7 34.3 51.5

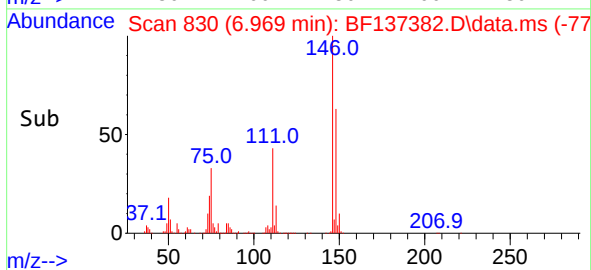
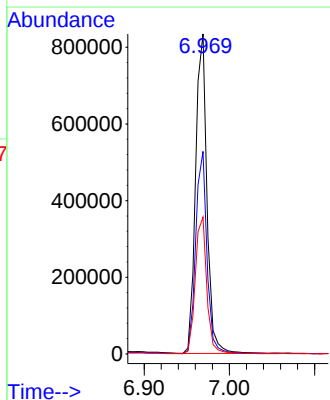
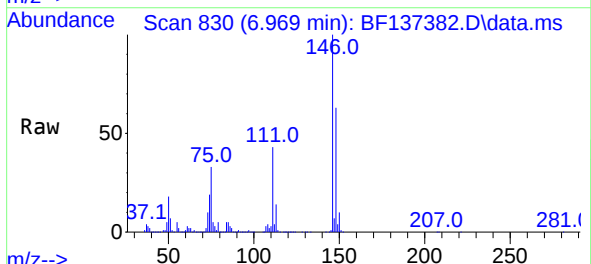
Manual Integrations
APPROVED

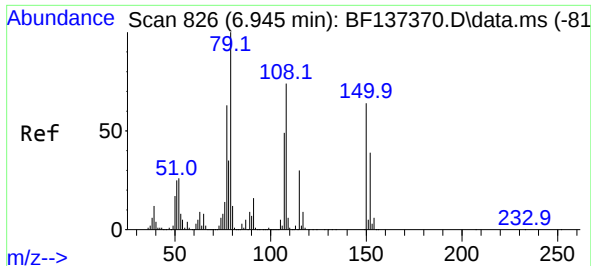
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#14
1,2-Dichlorobenzene
Concen: 47.372 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

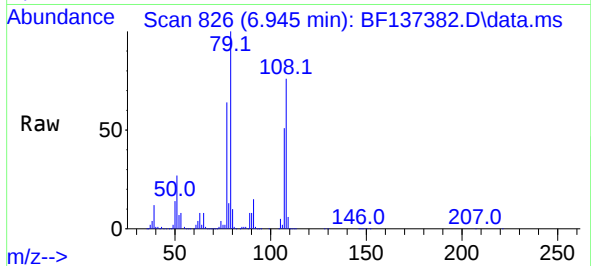
Tgt Ion:146 Resp: 772283
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
111 42.7 36.6 54.8





#15
Benzyl Alcohol
Concen: 54.178 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

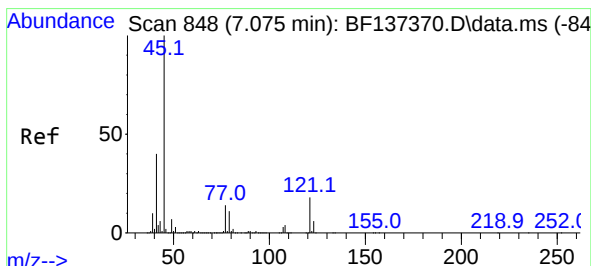
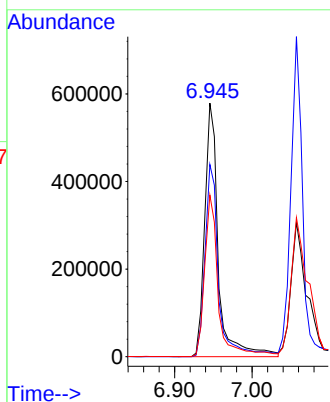
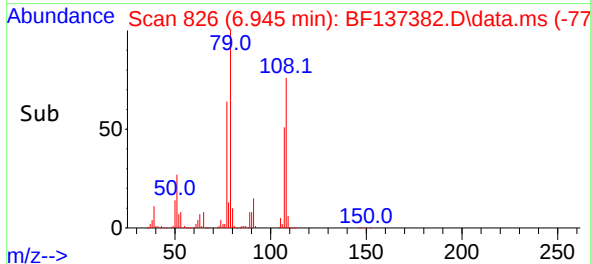
Instrument :
BNA_F
ClientSampleId :
PB159212BS



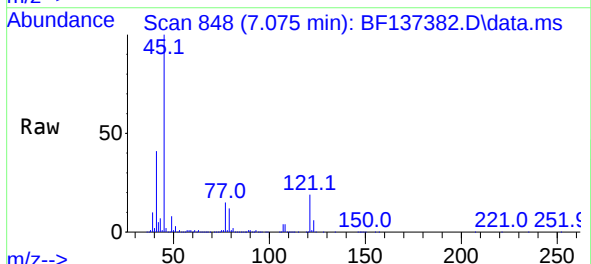
Tgt Ion: 79 Resp: 706072
Ion Ratio Lower Upper
79 100
108 75.8 59.5 89.3
77 63.7 50.5 75.7

Manual Integrations
APPROVED

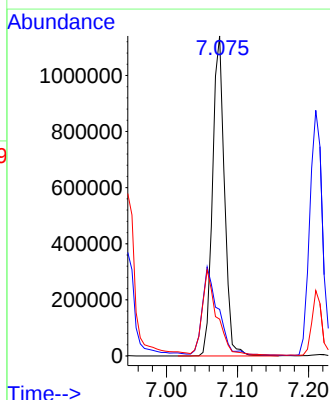
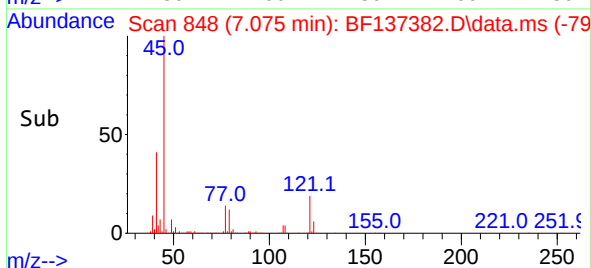
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

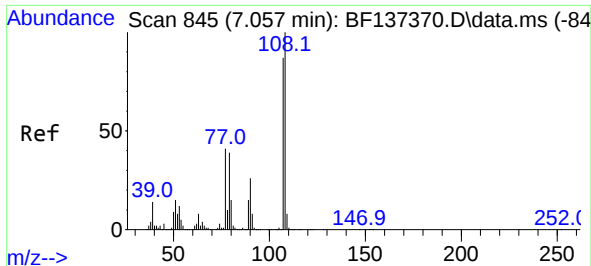


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.033 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion: 45 Resp: 1330302
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.5 0.0 31.6





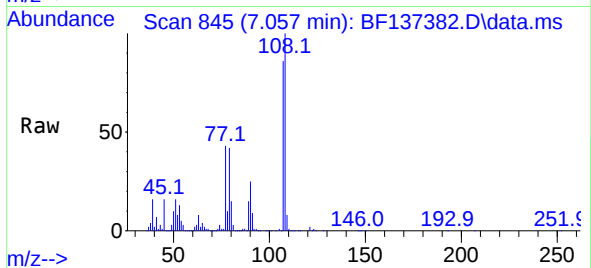
#17
2-Methylphenol
Concen: 44.815 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

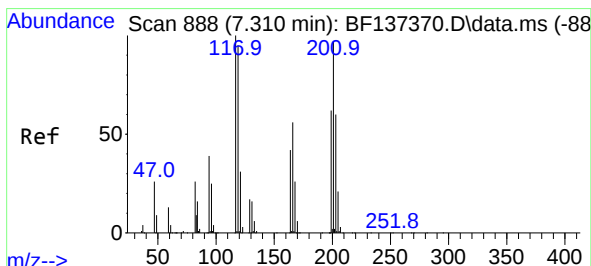
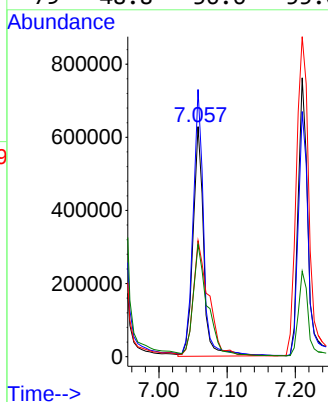
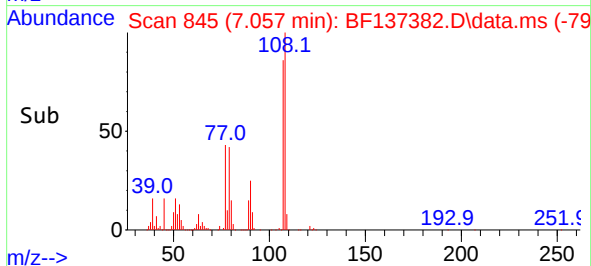


Tgt Ion:107 Resp: 675930
Ion Ratio Lower Upper
107 100
108 116.1 92.2 138.4
77 50.5 38.1 57.1
79 48.8 36.6 55.0

Manual Integrations

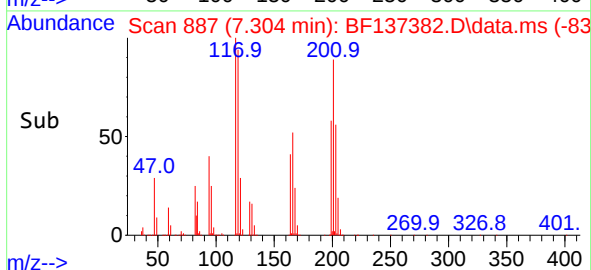
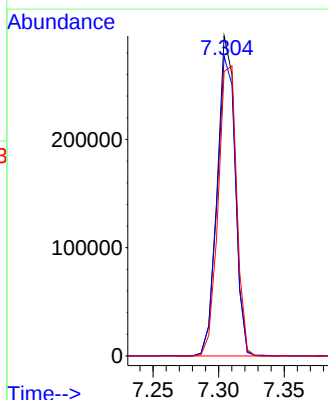
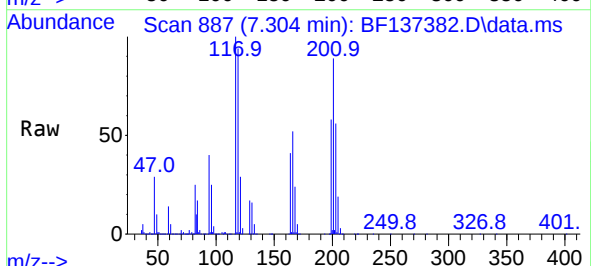
APPROVED

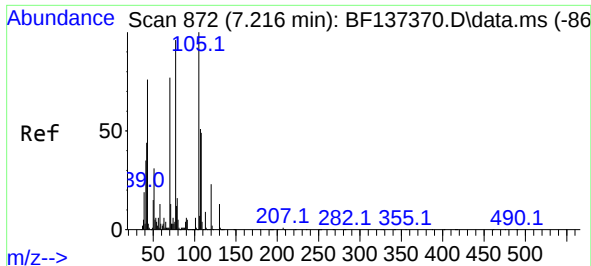
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#18
Hexachloroethane
Concen: 46.149 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

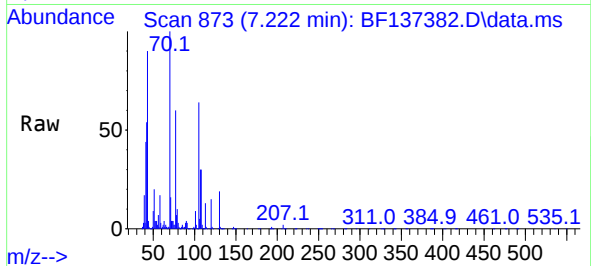
Tgt Ion:117 Resp: 280282
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.4
201 88.9 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.046 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

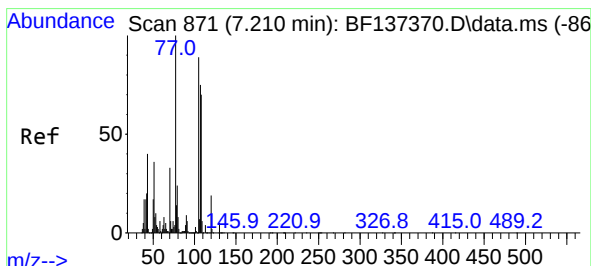
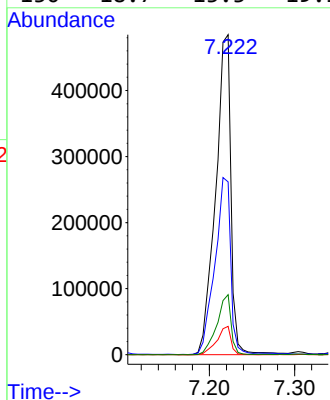
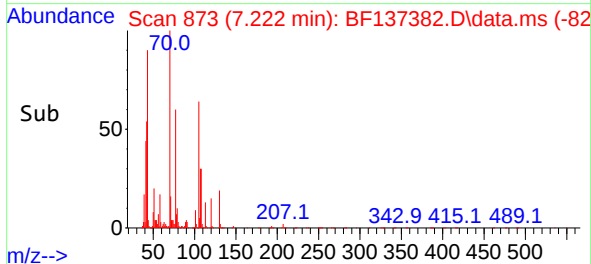
Instrument :
BNA_F
ClientSampleId :
PB159212BS



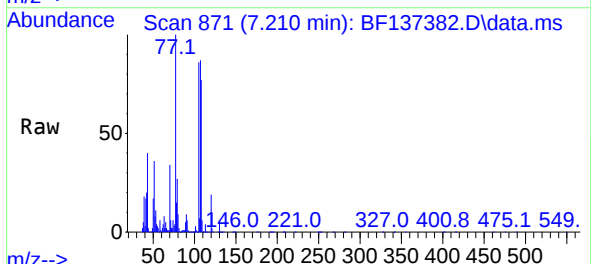
Tgt Ion: 70 Resp: 606874
Ion Ratio Lower Upper
70 100
42 54.0 45.3 67.9
101 8.9 6.5 9.7
130 18.7 13.3 19.9

Manual Integrations
APPROVED

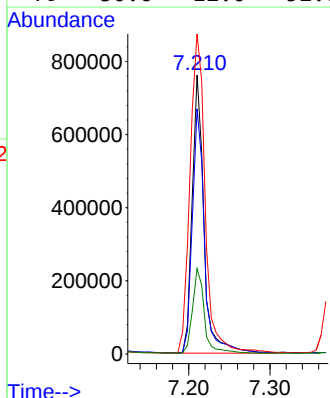
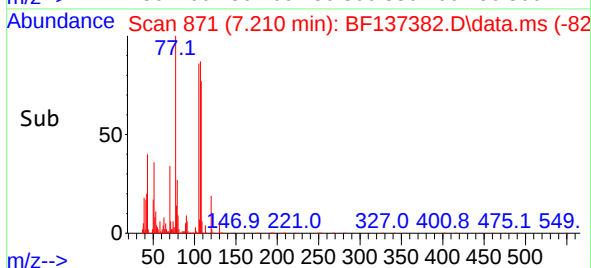
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

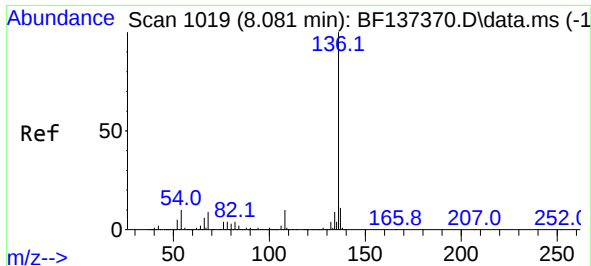


#20
3+4-Methylphenols
Concen: 44.865 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:107 Resp: 771271
Ion Ratio Lower Upper
107 100
108 87.9 73.1 113.1
77 114.7 113.6 153.6
79 30.6 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

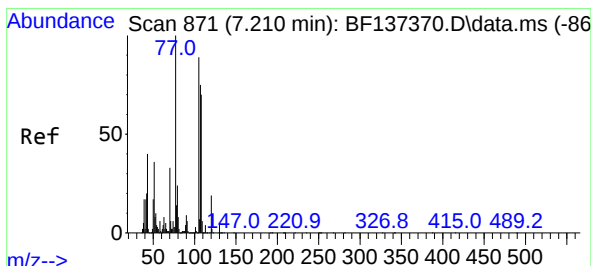
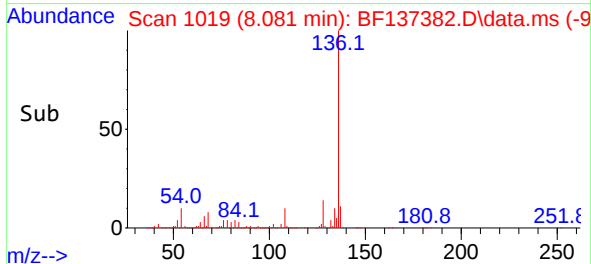
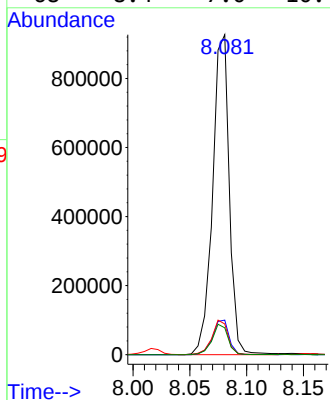
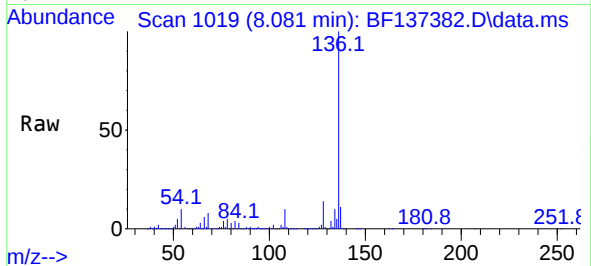
PB159212BS

Tgt Ion:136 Resp: 94811
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.6 7.8 11.6
68 8.4 7.0 10.4

Manual Integrations

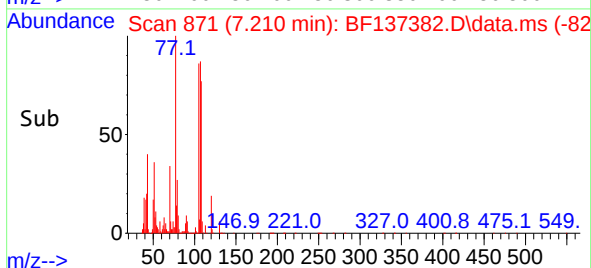
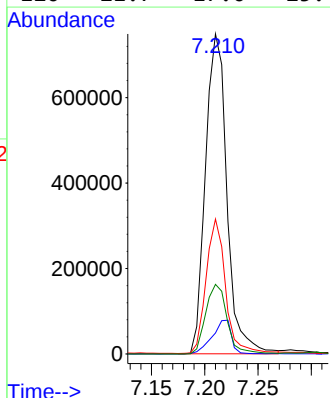
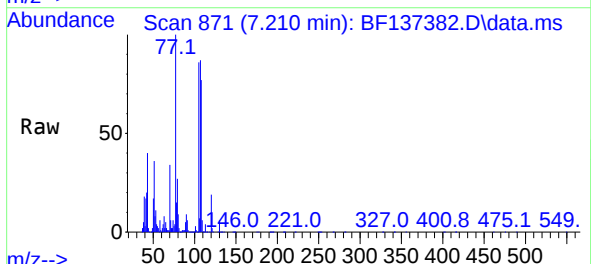
APPROVED

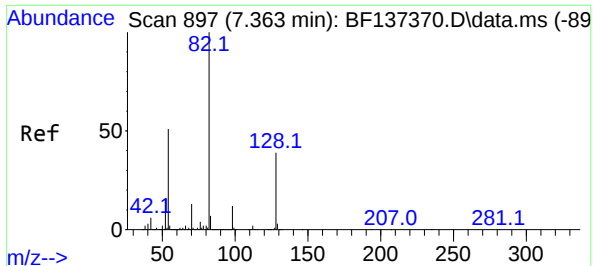
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#22
Acetophenone
Concen: 45.816 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:105 Resp: 1053363
Ion Ratio Lower Upper
105 100
71 6.5 5.0 7.6
51 42.1 32.2 48.4
120 21.7 17.0 25.4





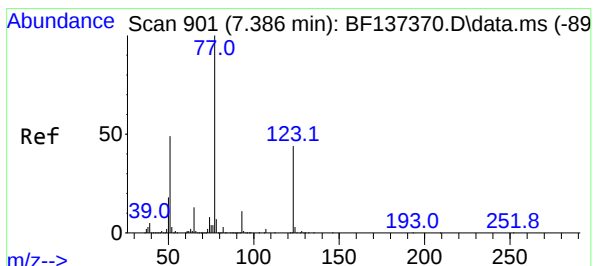
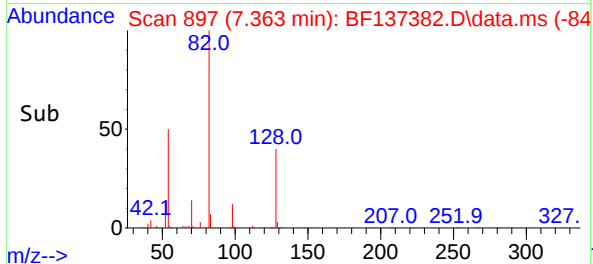
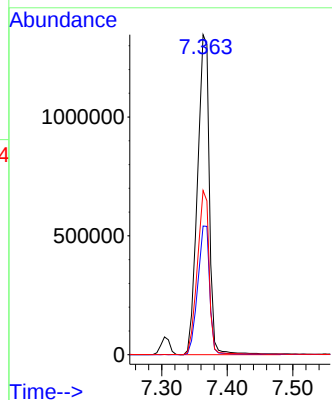
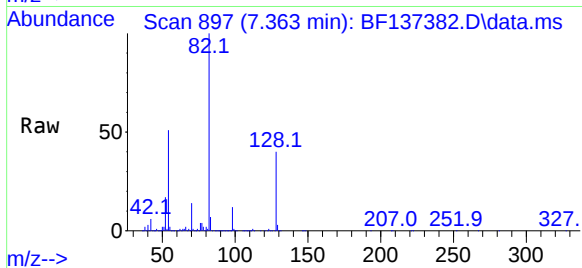
#23
Nitrobenzene-d5
Concen: 89.544 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159212BS

Tgt Ion: 82 Resp: 170053
Ion Ratio Lower Upper
82 100
128 40.2 30.8 46.2
54 51.3 40.8 61.2

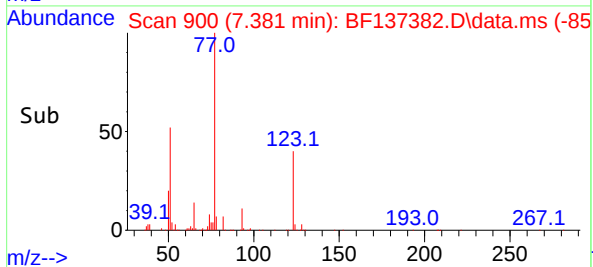
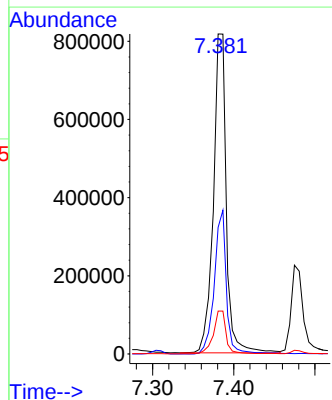
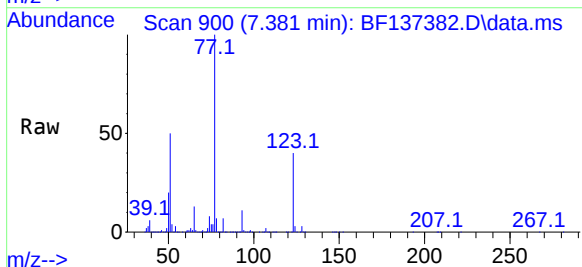
Manual Integrations
APPROVED

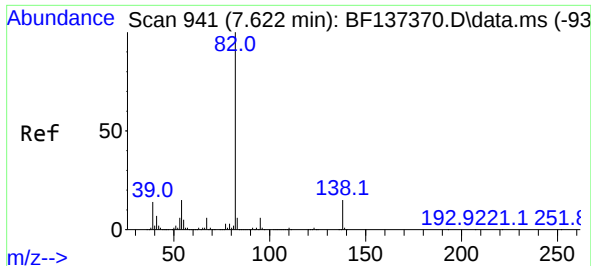
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#24
Nitrobenzene
Concen: 46.745 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

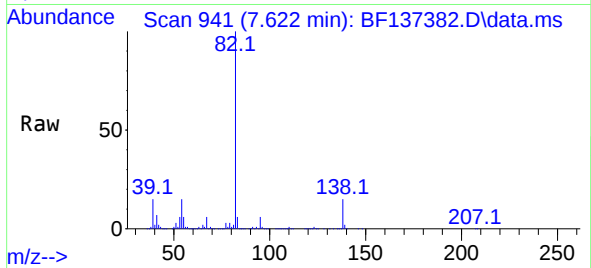
Tgt Ion: 77 Resp: 902045
Ion Ratio Lower Upper
77 100
123 39.6 35.4 53.0
65 13.4 10.3 15.5





#25
Isophorone
Concen: 45.853 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

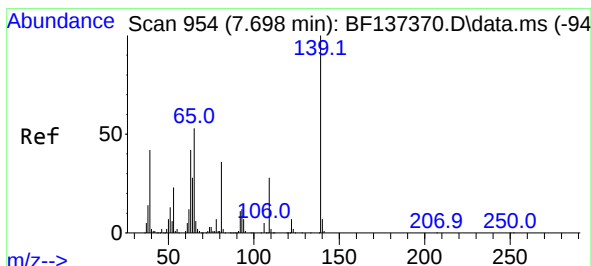
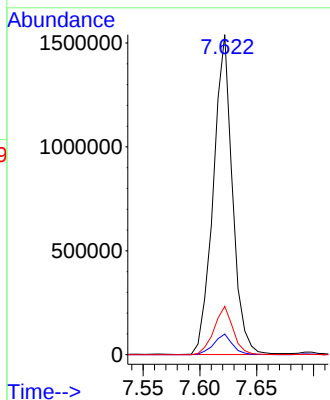
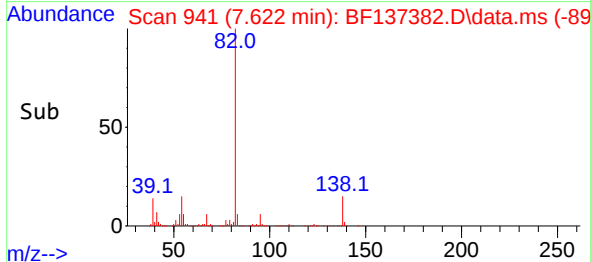
Instrument :
BNA_F
ClientSampleId :
PB159212BS



Tgt Ion: 82 Resp: 1800794
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.1 12.2 18.4

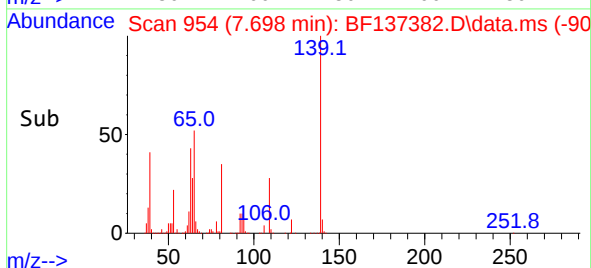
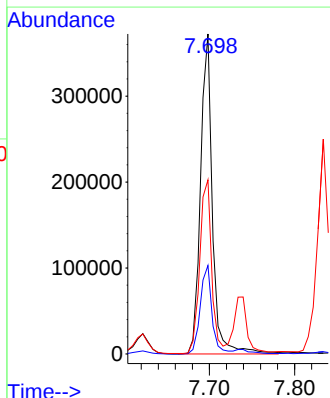
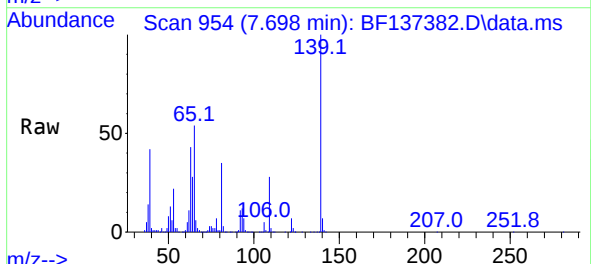
Manual Integrations
APPROVED

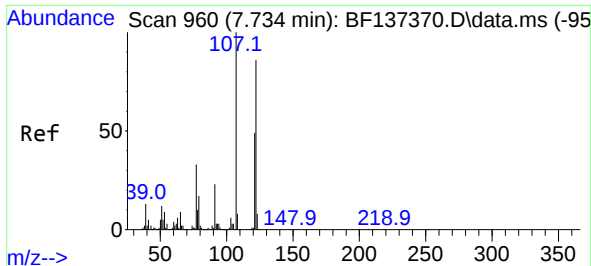
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#26
2-Nitrophenol
Concen: 49.036 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:139 Resp: 362068
Ion Ratio Lower Upper
139 100
109 27.7 22.5 33.7
65 54.4 42.3 63.5





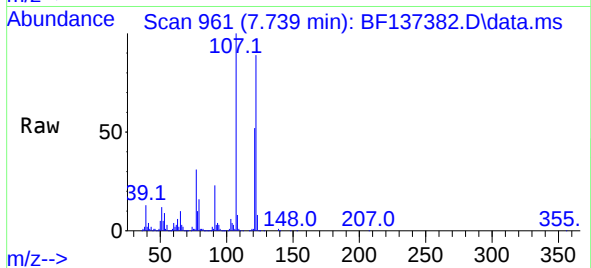
#27
2,4-Dimethylphenol
Concen: 41.344 ng
RT: 7.739 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



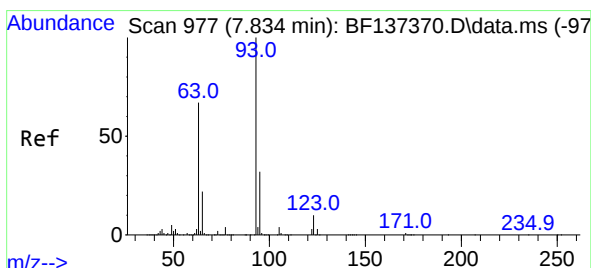
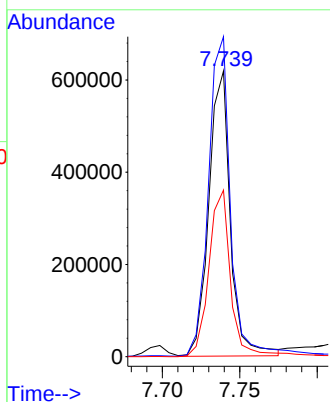
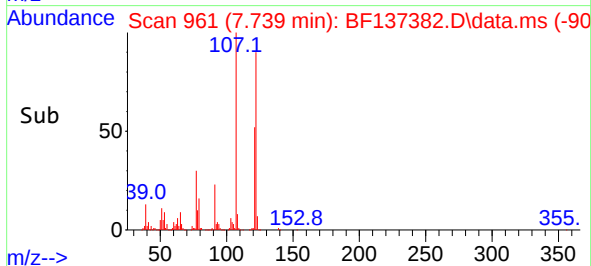
Tgt Ion:122 Resp: 597140
Ion Ratio Lower Upper
122 100
107 112.1 92.7 139.1
121 58.4 45.2 67.8

Manual Integrations

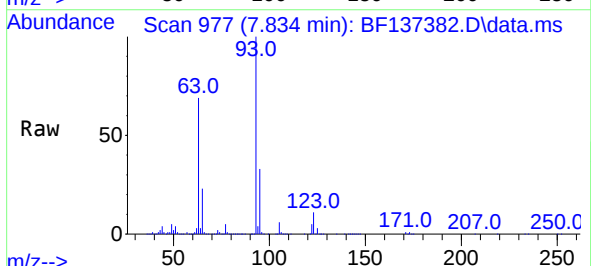
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

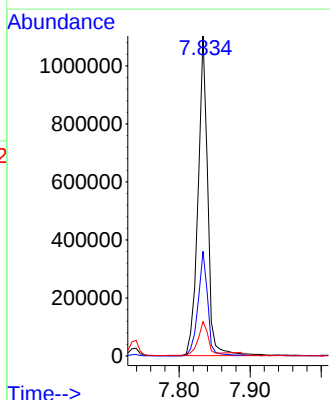
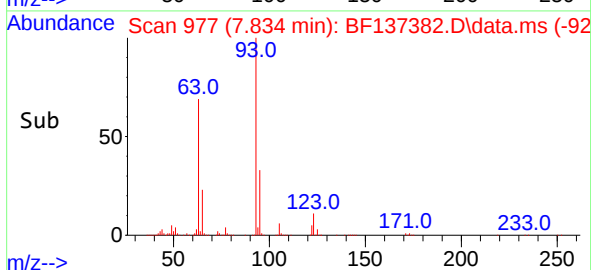
Supervised By :mohammad ahmed 02/27/2024

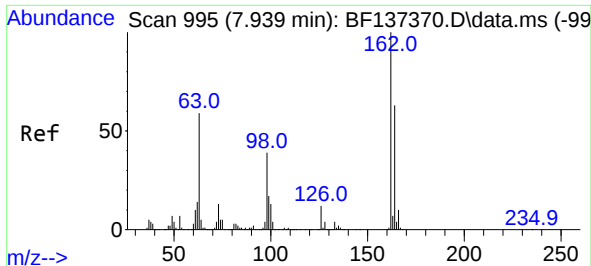


#28
bis(2-Chloroethoxy)methane
Concen: 46.544 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion: 93 Resp: 1053595
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 10.7 8.2 12.4





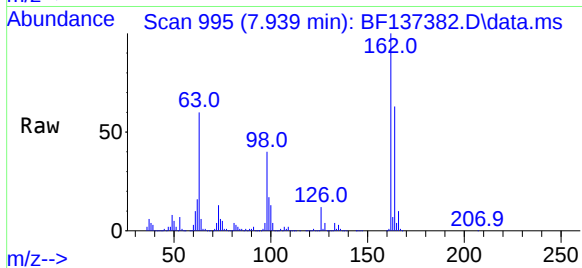
#29
2,4-Dichlorophenol
Concen: 48.996 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

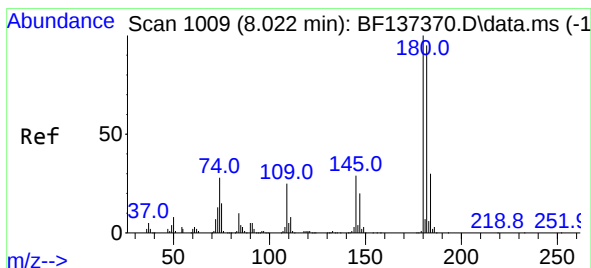
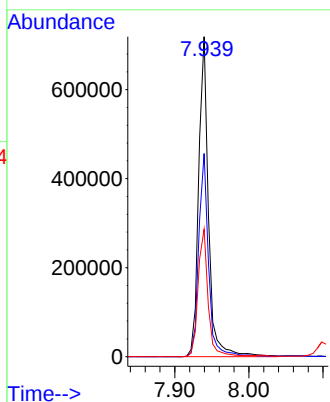
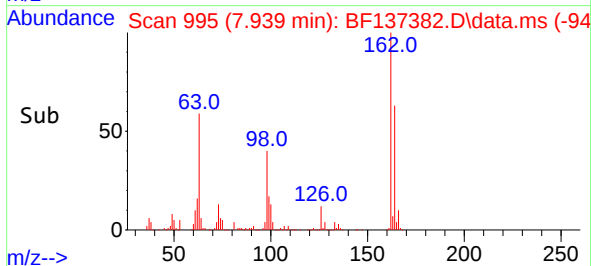


Tgt Ion:162 Resp: 663275
Ion Ratio Lower Upper
162 100
164 63.5 43.1 83.1
98 39.9 19.0 59.0

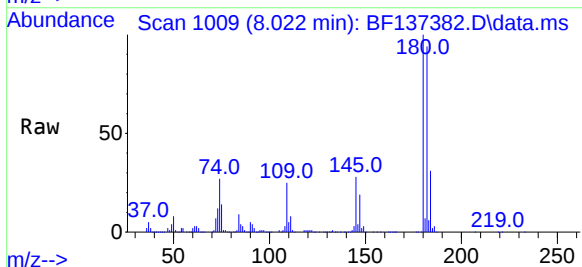
Manual Integrations

APPROVED

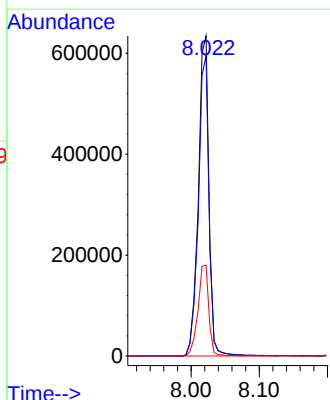
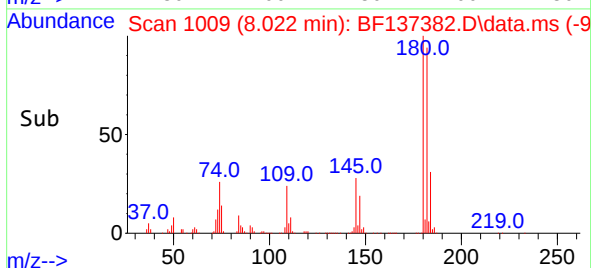
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

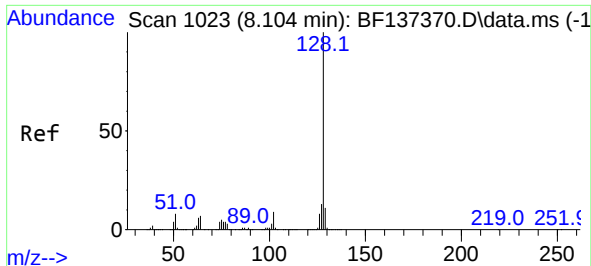


#30
1,2,4-Trichlorobenzene
Concen: 47.225 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:180 Resp: 686196
Ion Ratio Lower Upper
180 100
182 93.9 75.8 113.6
145 28.4 23.4 35.0





#31
Naphthalene
Concen: 44.422 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

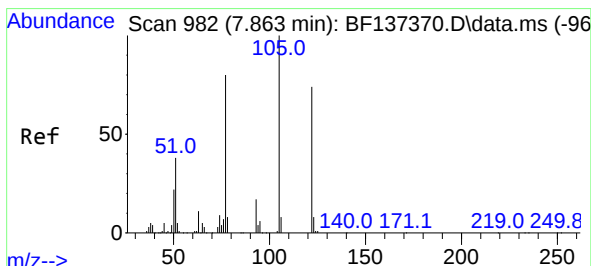
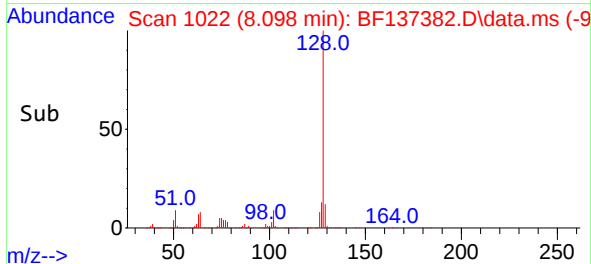
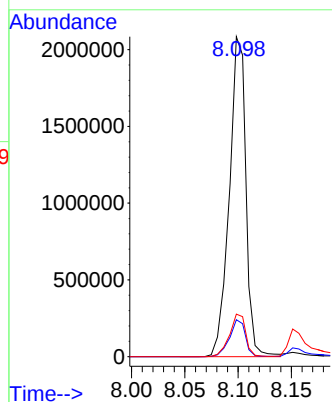
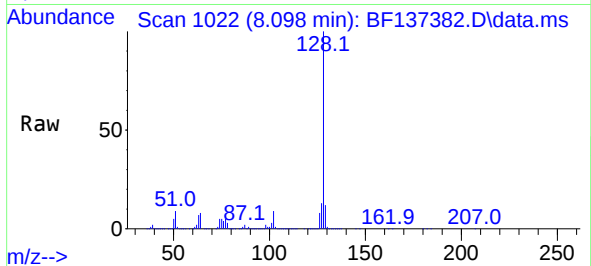
Tgt Ion:128 Resp: 226021
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.3 10.6 16.0

Manual Integrations

APPROVED

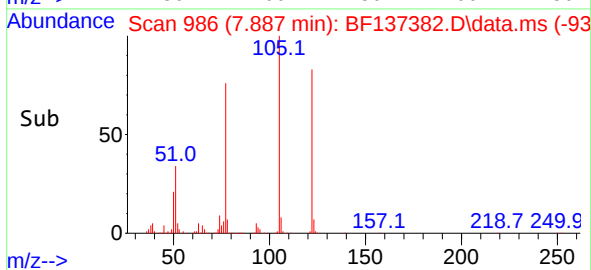
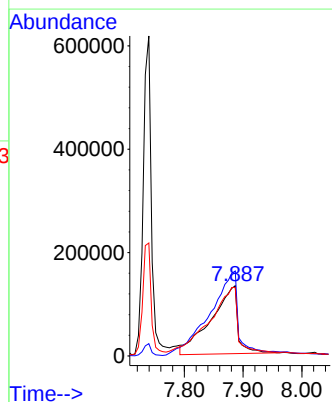
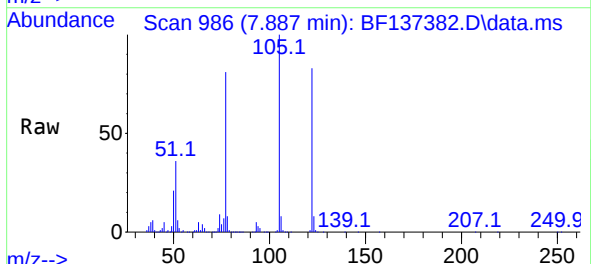
Reviewed By :Yogesh Patel 02/27/2024

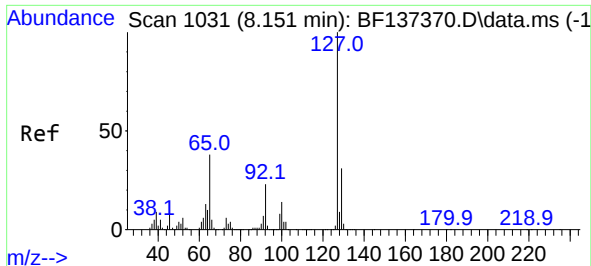
Supervised By :mohammad ahmed 02/27/2024



#32
Benzoic acid
Concen: 47.371 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.024 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:122 Resp: 417729
Ion Ratio Lower Upper
122 100
105 121.0 101.1 141.1
77 97.5 82.8 122.8





#33
4-Chloroaniline
Concen: 13.638 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

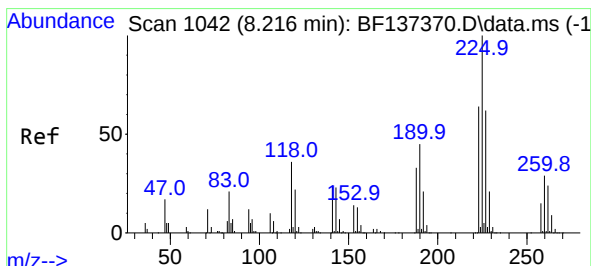
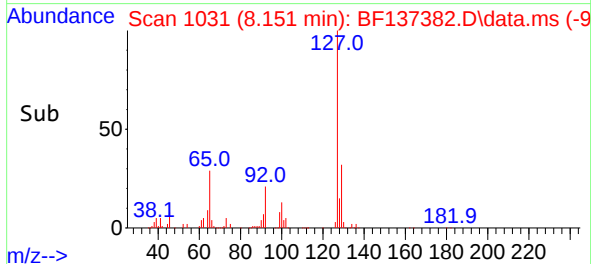
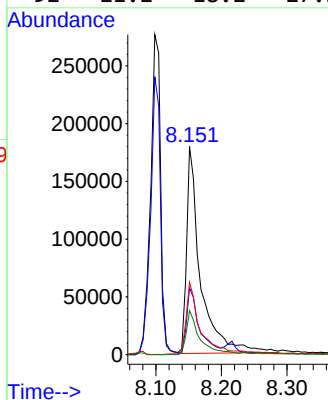
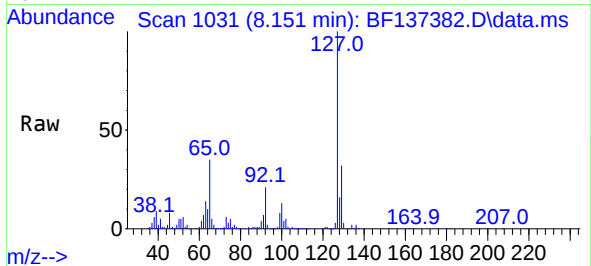
ClientSampleId :

PB159212BS

Tgt Ion:127 Resp: 26391
Ion Ratio Lower Upper
127 100
129 32.0 25.0 37.6
65 34.8 30.4 45.6
92 21.2 18.2 27.2

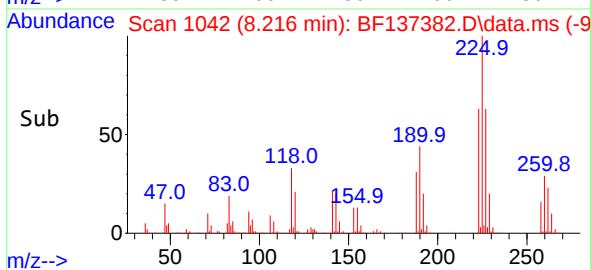
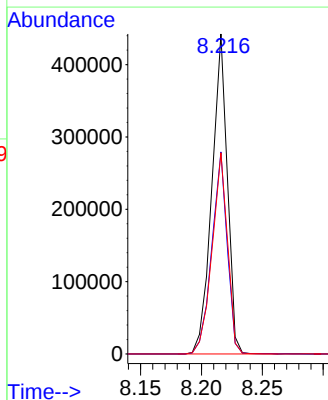
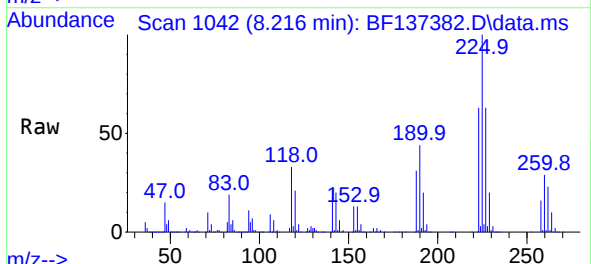
Manual Integrations
APPROVED

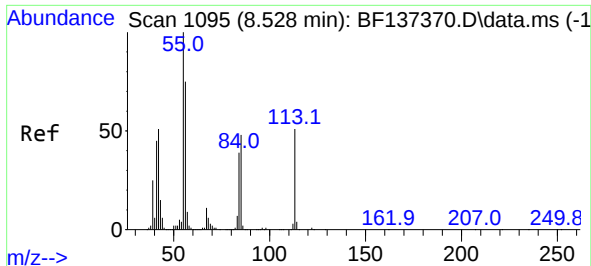
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#34
Hexachlorobutadiene
Concen: 45.346 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

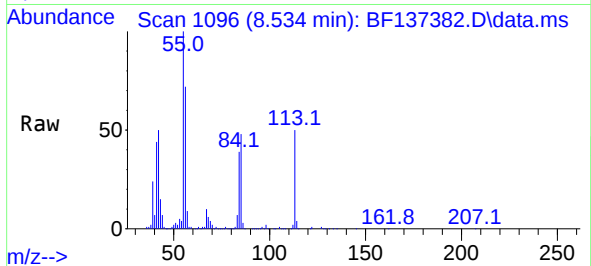
Tgt Ion:225 Resp: 391425
Ion Ratio Lower Upper
225 100
223 63.1 51.4 77.0
227 62.9 49.8 74.6





#35
Caprolactam
Concen: 49.410 ng m
RT: 8.534 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

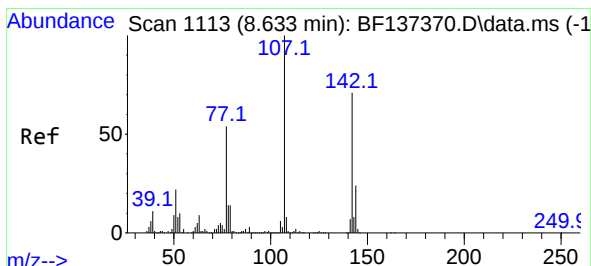
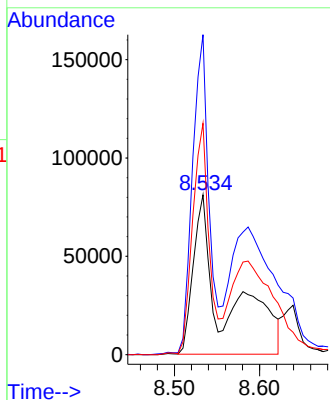
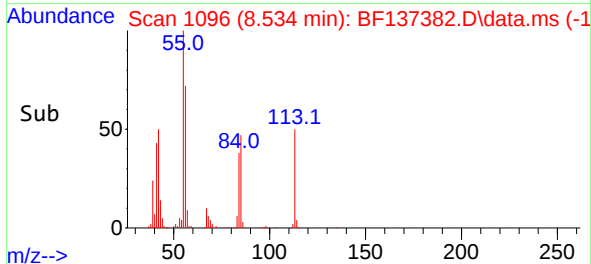
Instrument :
BNA_F
ClientSampleId :
PB159212BS



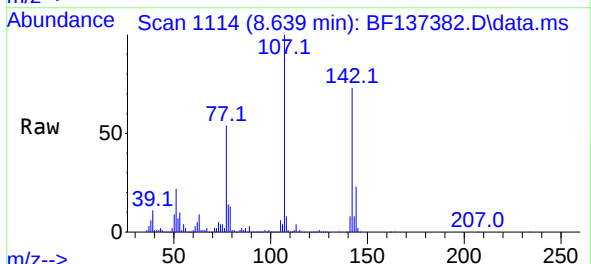
Tgt Ion:113 Resp: 206849
Ion Ratio Lower Upper
113 100
55 200.1 176.3 216.3
56 144.6 127.6 167.6

Manual Integrations
APPROVED

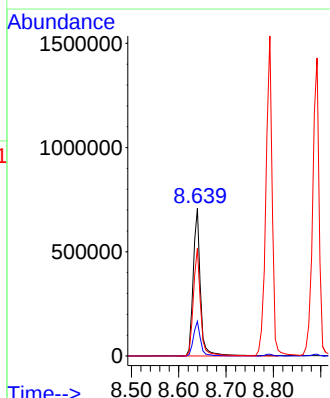
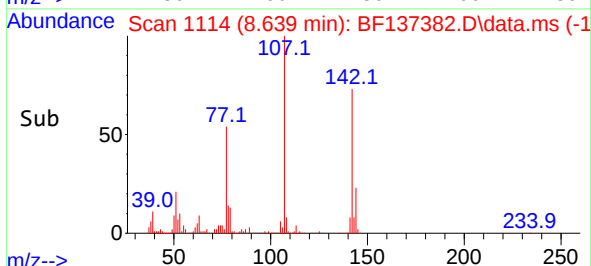
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

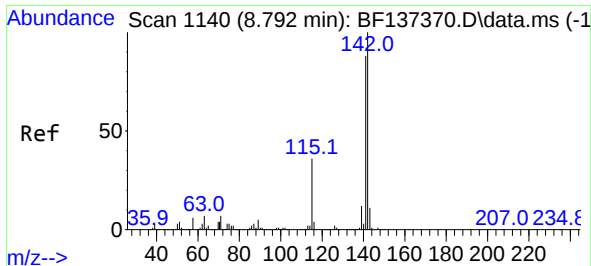


#36
4-Chloro-3-methylphenol
Concen: 48.755 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:107 Resp: 748252
Ion Ratio Lower Upper
107 100
144 23.4 18.9 28.3
142 73.1 56.6 85.0





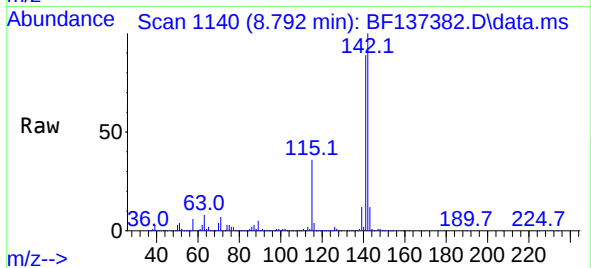
#37
2-Methylnaphthalene
Concen: 42.848 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



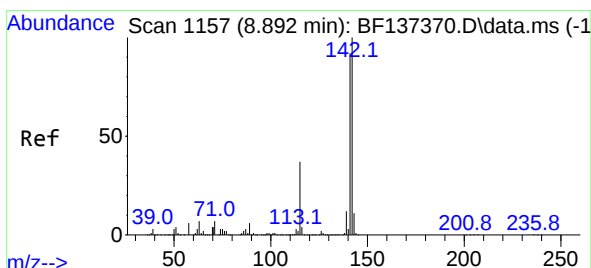
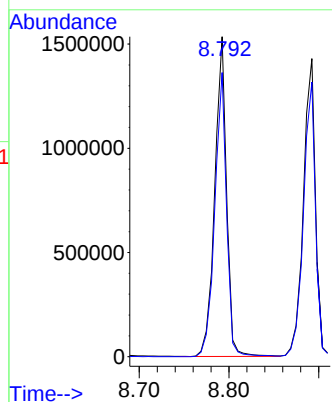
Tgt Ion:142 Resp: 140482
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5

Manual Integrations

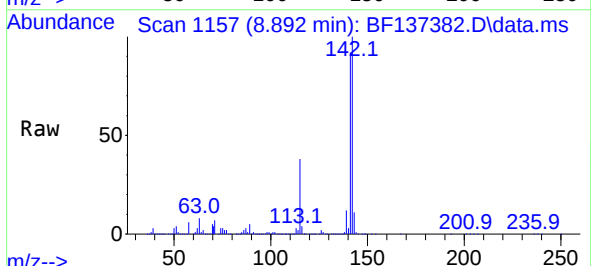
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

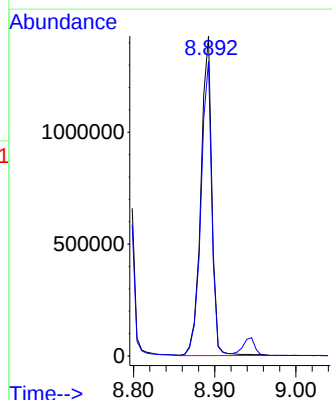
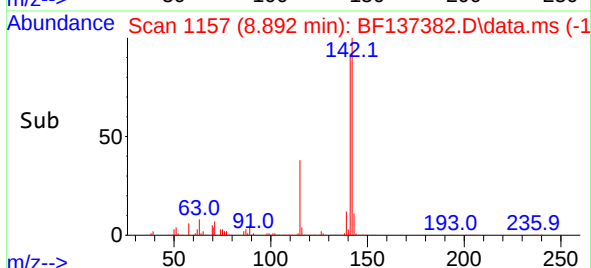
Supervised By :mohammad ahmed 02/27/2024

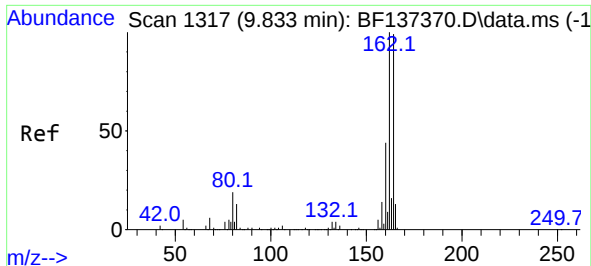


#38
1-Methylnaphthalene
Concen: 43.473 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:142 Resp: 1347572
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8





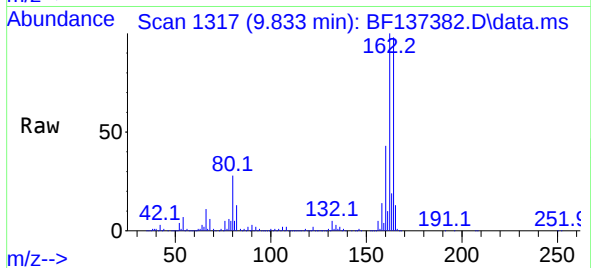
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

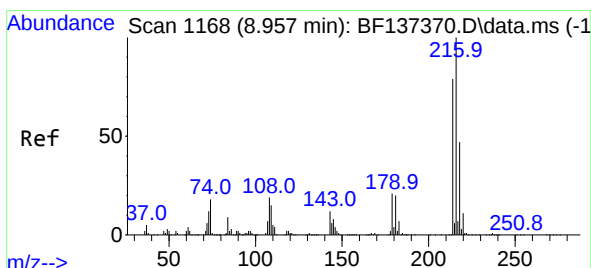
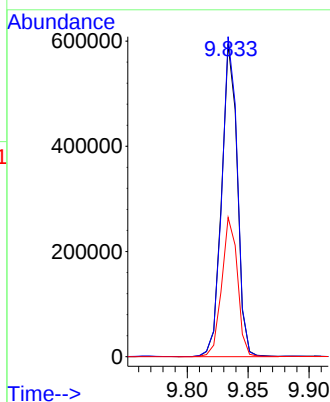
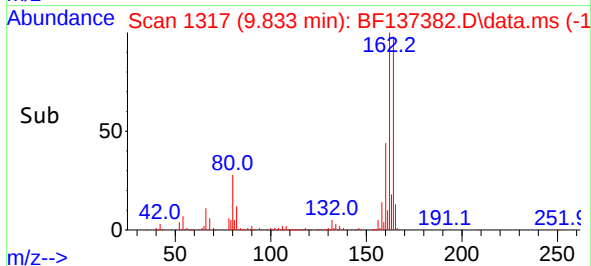


Tgt Ion:164 Resp: 53144
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 44.5 35.7 53.5

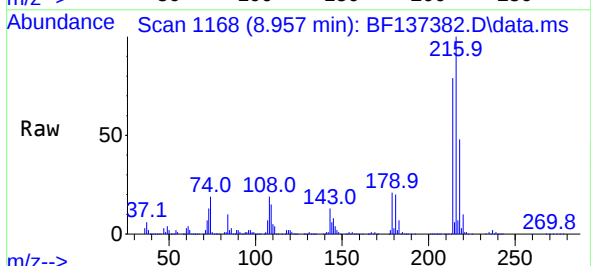
Manual Integrations

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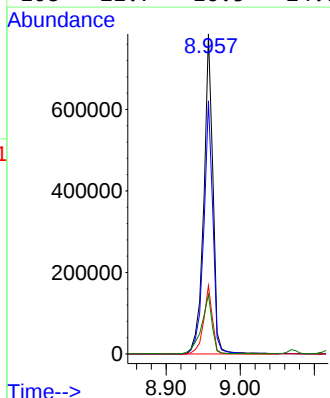
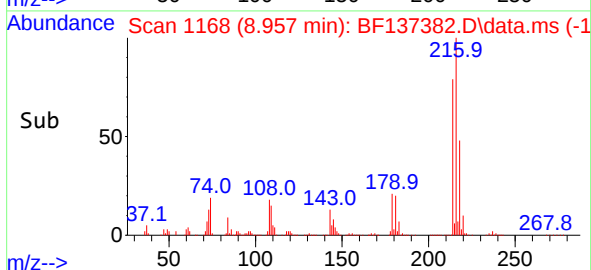
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

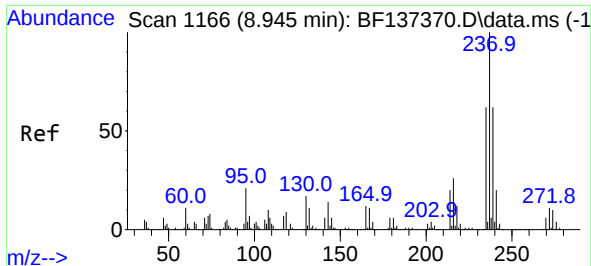


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.037 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:216 Resp: 673859
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 20.8 16.5 24.7
108 21.7 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 100.233 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

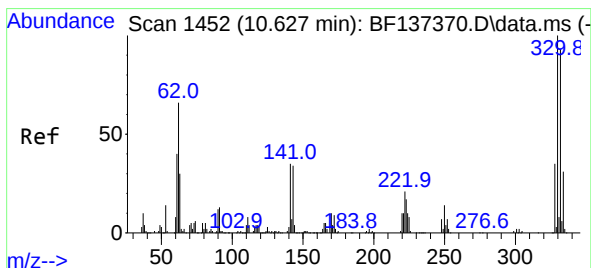
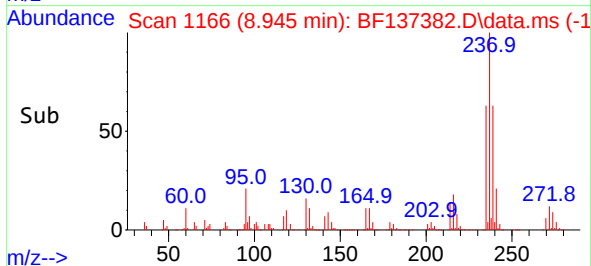
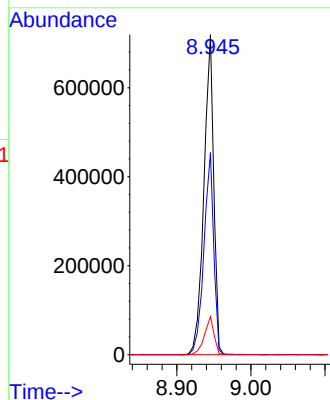
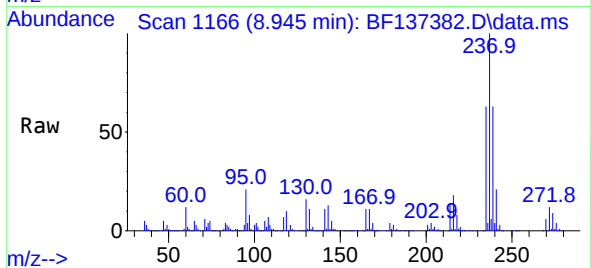
PB159212BS

Tgt Ion:237 Resp: 665198
Ion Ratio Lower Upper
237 100
235 63.2 42.0 82.0
272 11.9 0.0 31.3

Manual Integrations

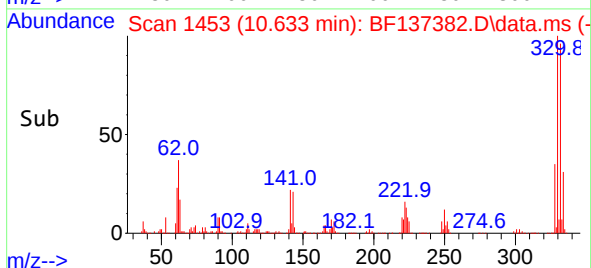
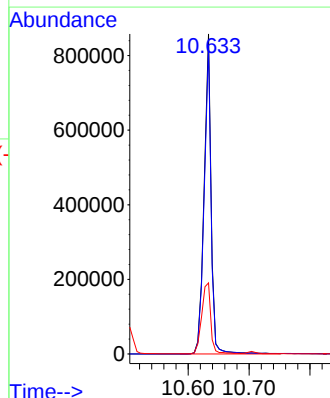
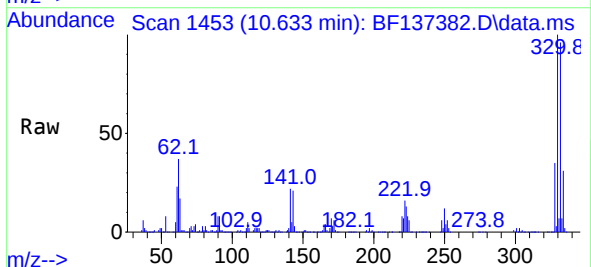
APPROVED

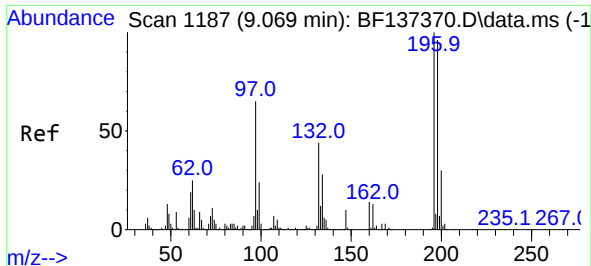
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#42
2,4,6-Tribromophenol
Concen: 148.860 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

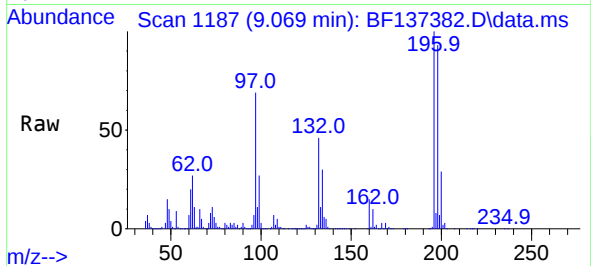
Tgt Ion:330 Resp: 688898
Ion Ratio Lower Upper
330 100
332 96.1 75.6 113.4
141 28.7 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 50.158 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

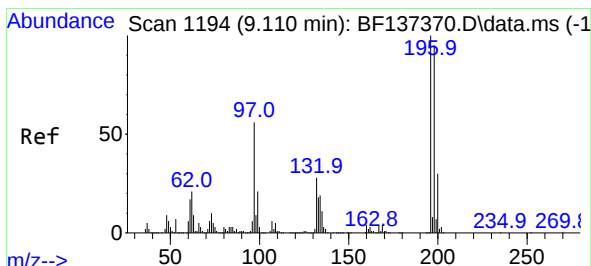
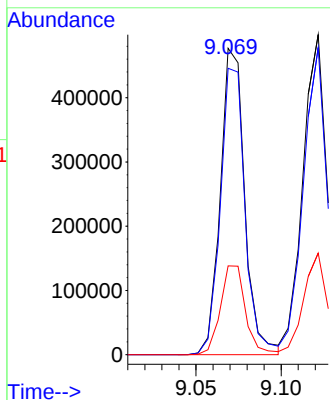
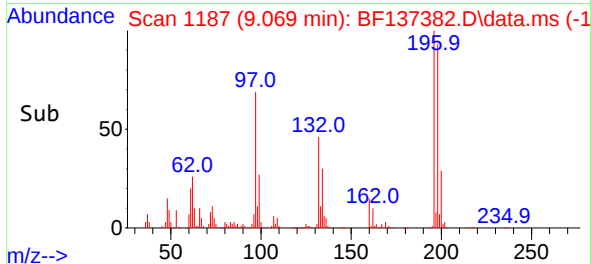
Instrument :
BNA_F
ClientSampleId :
PB159212BS



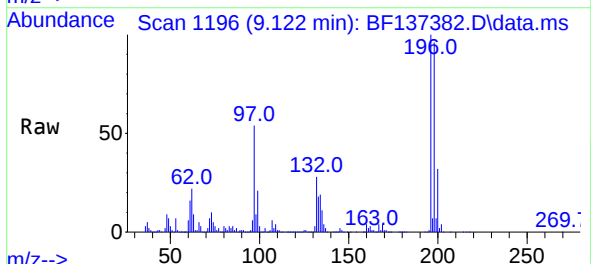
Tgt Ion:196 Resp: 47603
Ion Ratio Lower Upper
196 100
198 93.5 77.0 115.4
200 29.0 24.3 36.5

Manual Integrations
APPROVED

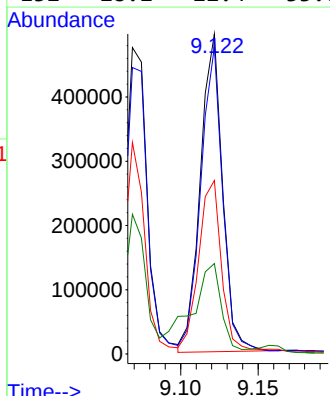
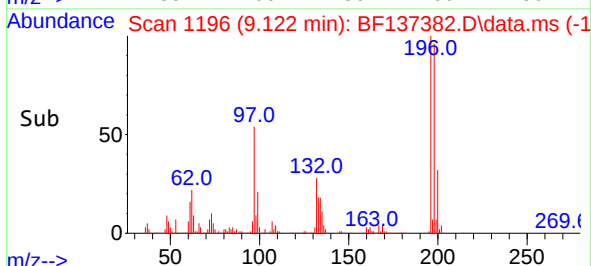
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

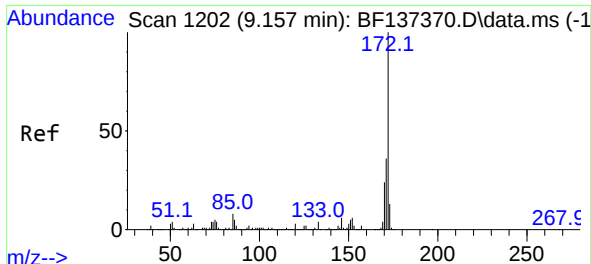


#44
2,4,5-Trichlorophenol
Concen: 45.537 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:196 Resp: 495810
Ion Ratio Lower Upper
196 100
198 96.0 75.6 113.4
97 54.2 44.6 66.8
132 28.2 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 83.823 ng
RT: 9.163 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

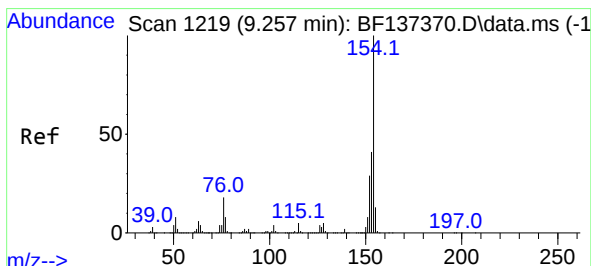
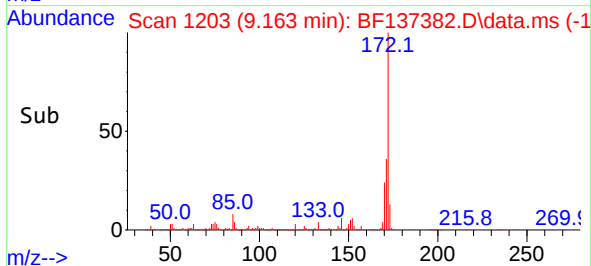
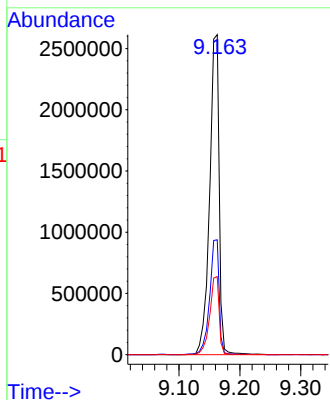
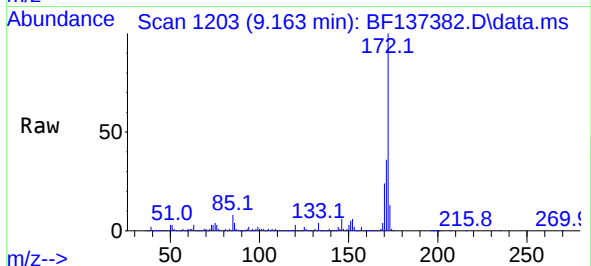
PB159212BS

Tgt Ion:172 Resp: 2861360
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.4 19.5 29.3

Manual Integrations

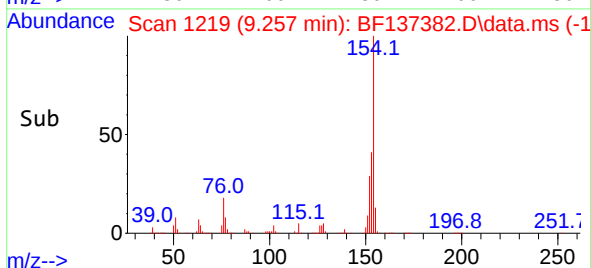
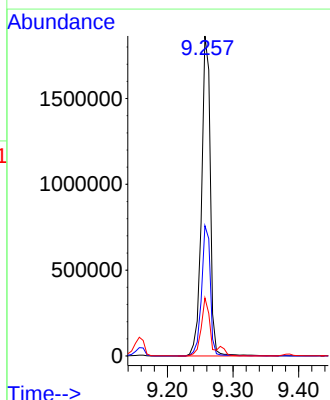
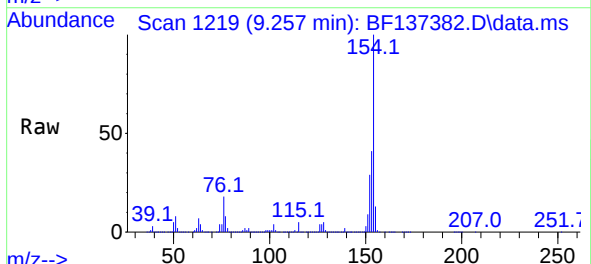
APPROVED

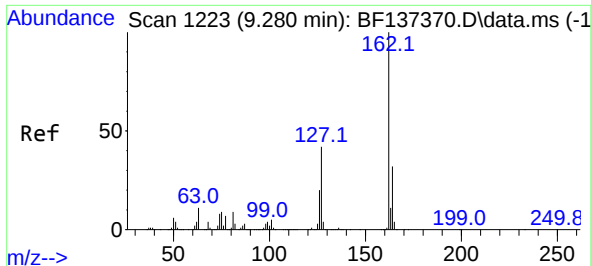
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#46
1,1'-Biphenyl
Concen: 45.073 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:154 Resp: 1744635
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 18.2 0.0 37.9





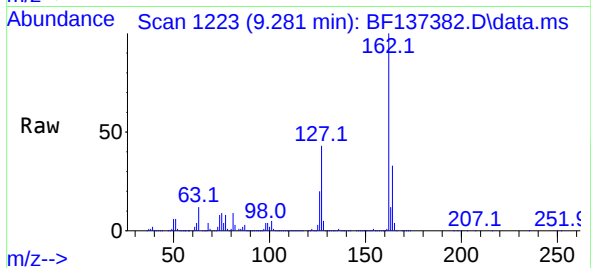
#47
2-Chloronaphthalene
Concen: 47.163 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



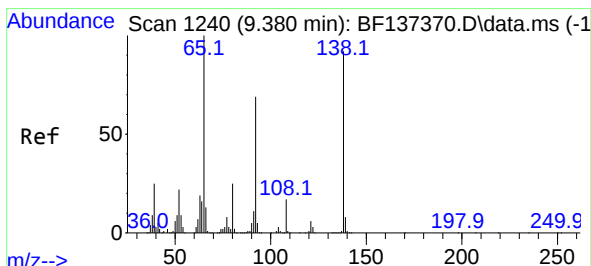
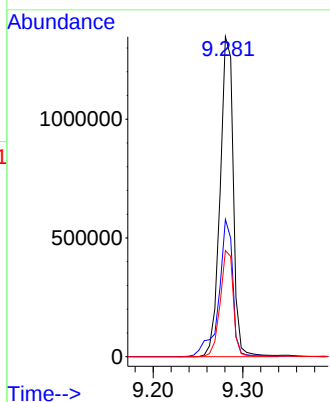
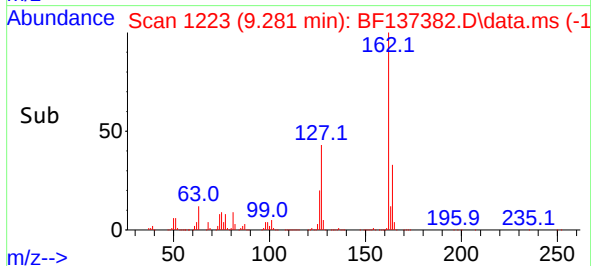
Tgt Ion:162 Resp: 1378624
Ion Ratio Lower Upper
162 100
127 42.9 33.6 50.4
164 33.1 25.9 38.9

Manual Integrations

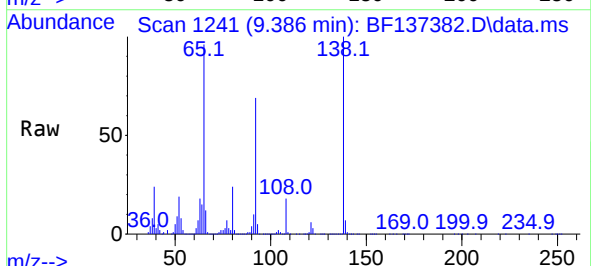
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

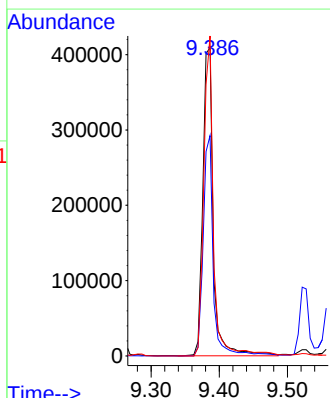
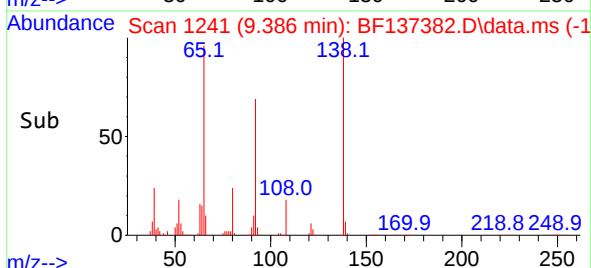
Supervised By :mohammad ahmed 02/27/2024

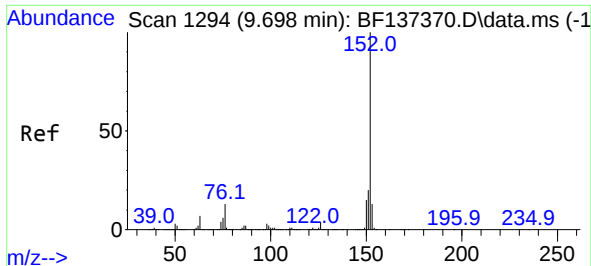


#48
2-Nitroaniline
Concen: 49.034 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion: 65 Resp: 436222
Ion Ratio Lower Upper
65 100
92 71.4 55.0 82.6
138 103.7 73.7 110.5





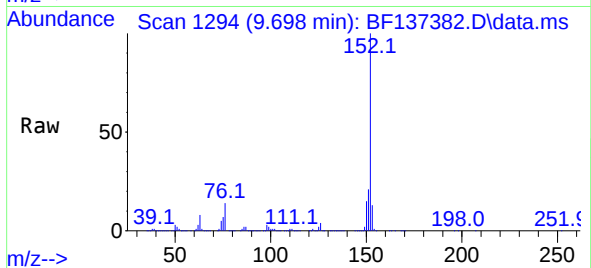
#49
Acenaphthylene
Concen: 47.125 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



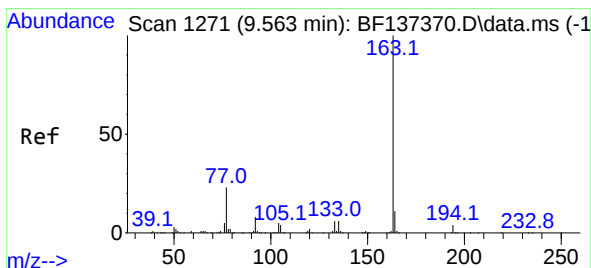
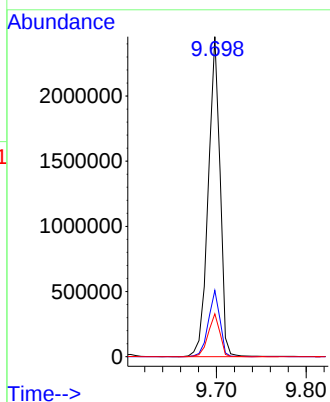
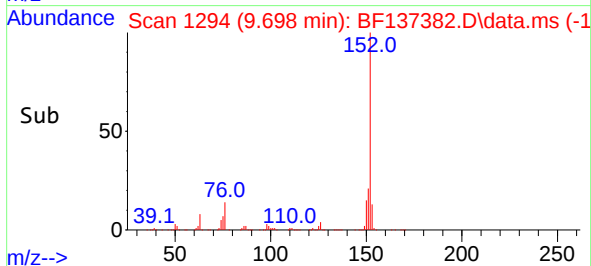
Tgt Ion:152 Resp: 223808
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.4 10.6 15.8

Manual Integrations

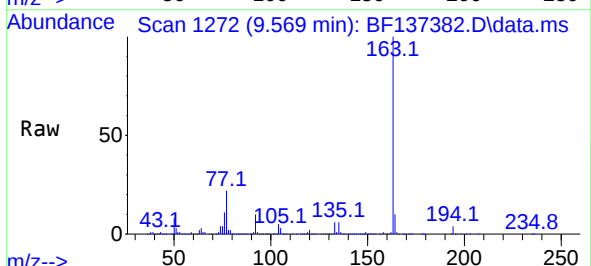
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

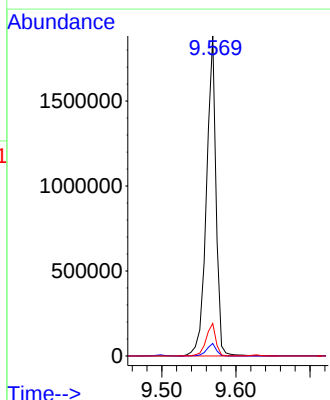
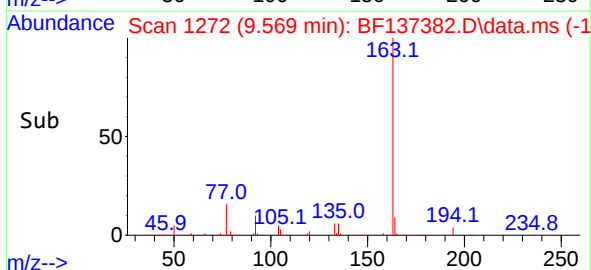
Supervised By :mohammad ahmed 02/27/2024

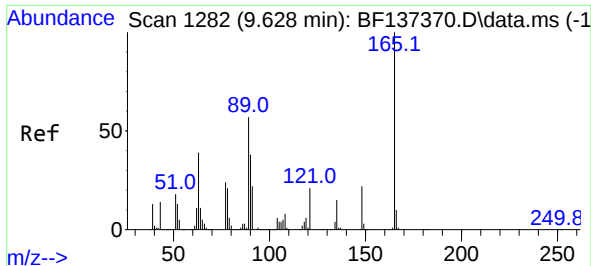


#50
Dimethylphthalate
Concen: 46.159 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:163 Resp: 1695068
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.5 12.7





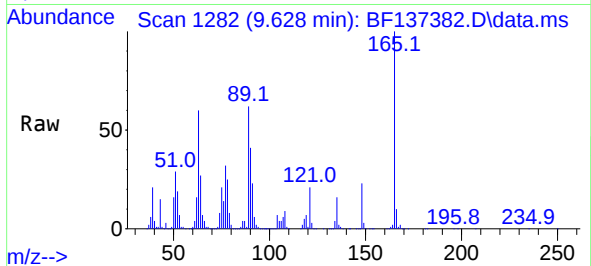
#51
2,6-Dinitrotoluene
Concen: 51.403 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

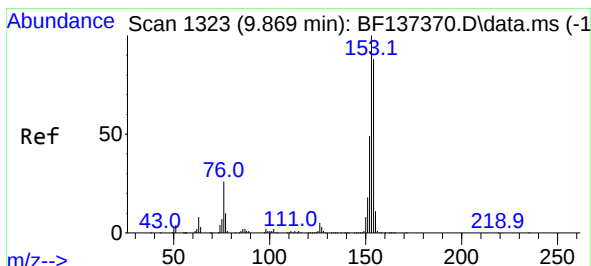
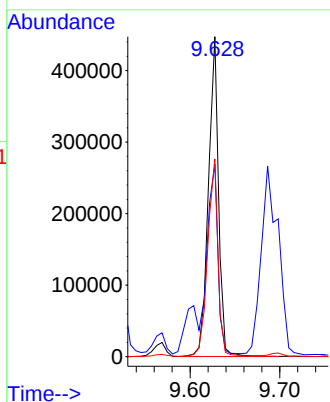
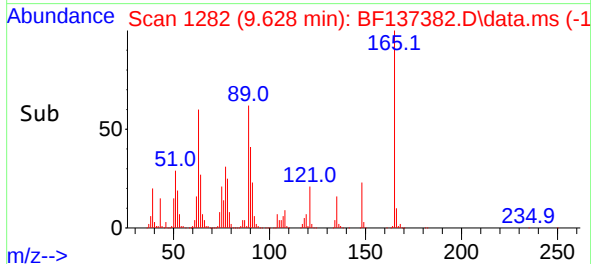


Tgt Ion:165 Resp: 351170
Ion Ratio Lower Upper
165 100
63 60.1 41.6 62.4
89 61.8 45.8 68.6

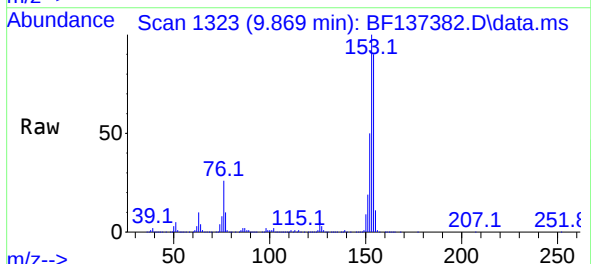
Manual Integrations

APPROVED

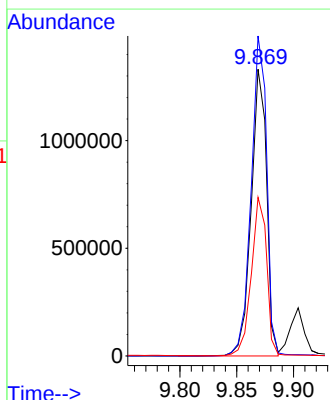
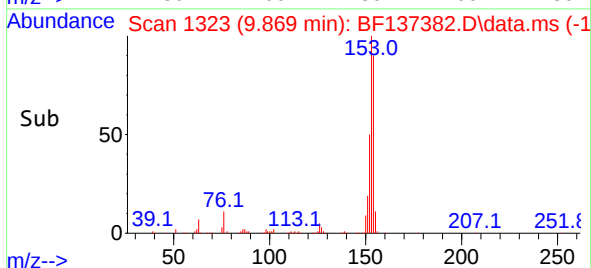
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

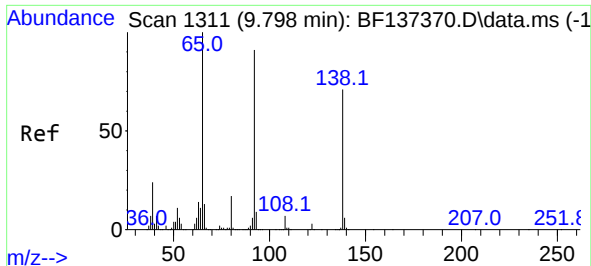


#52
Acenaphthene
Concen: 44.373 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:154 Resp: 1257980
Ion Ratio Lower Upper
154 100
153 111.6 90.6 135.8
152 55.3 44.1 66.1





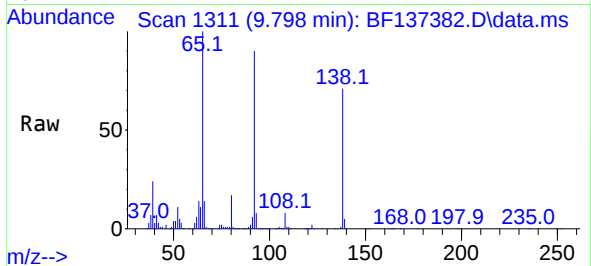
#53
3-Nitroaniline
Concen: 29.759 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



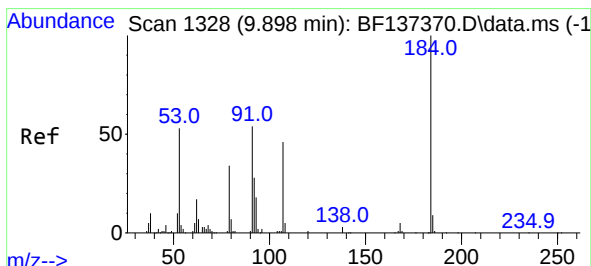
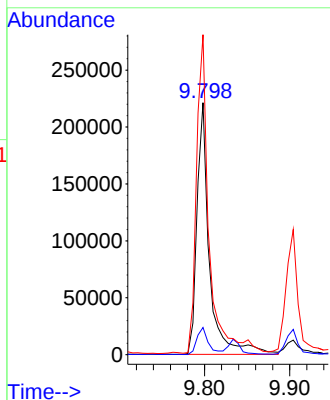
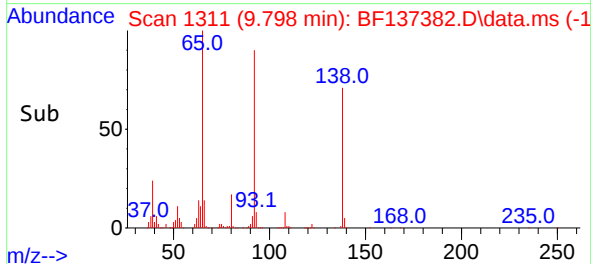
Tgt Ion:138 Resp: 224940
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 127.0 102.2 153.2

Manual Integrations

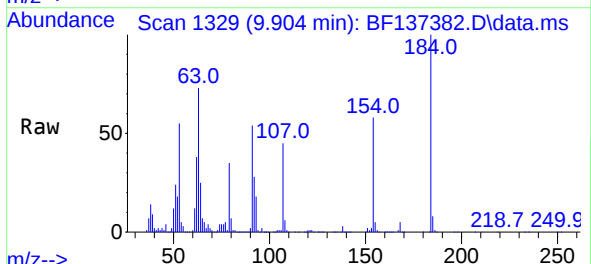
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

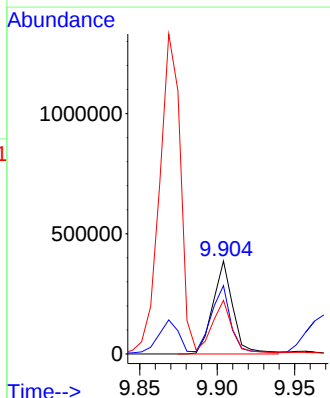
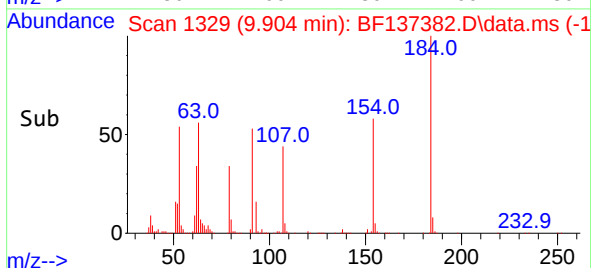
Supervised By :mohammad ahmed 02/27/2024

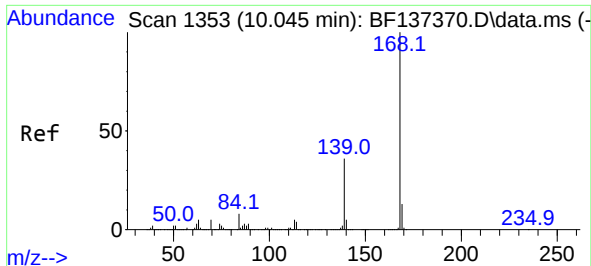


#54
2,4-Dinitrophenol
Concen: 100.896 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:184 Resp: 348390
Ion Ratio Lower Upper
184 100
63 73.4 55.9 83.9
154 57.7 47.6 71.4





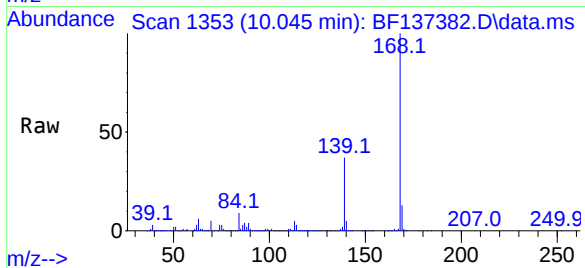
#55
Dibenzenofuran
Concen: 44.260 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



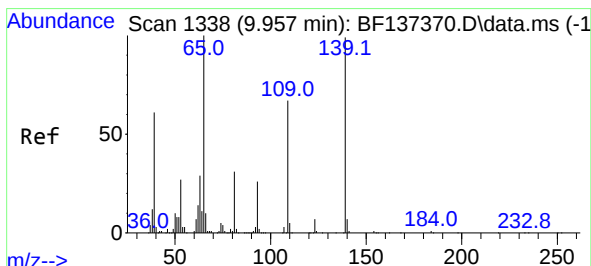
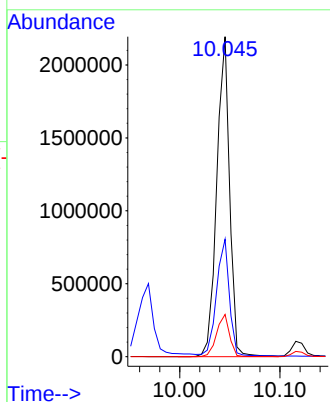
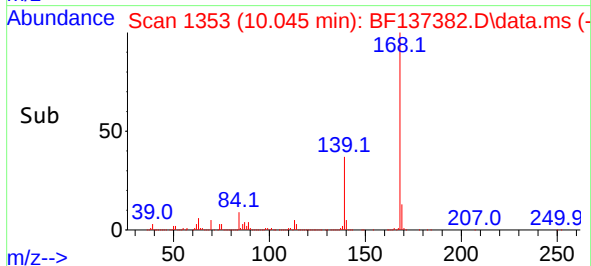
Tgt Ion:168 Resp: 193930
Ion Ratio Lower Upper
168 100
139 36.7 28.9 43.3
169 13.2 10.8 16.2

Manual Integrations

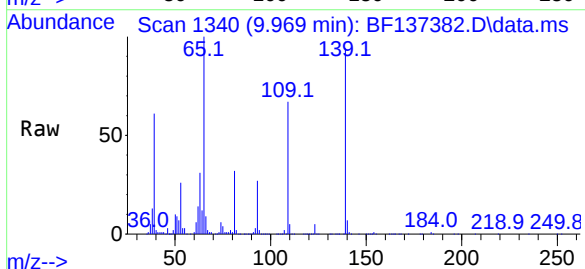
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

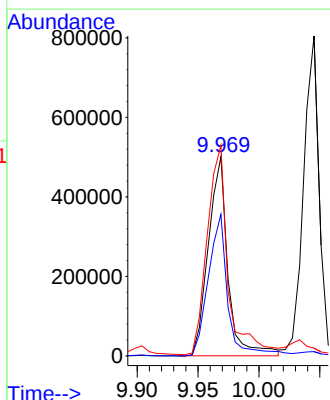
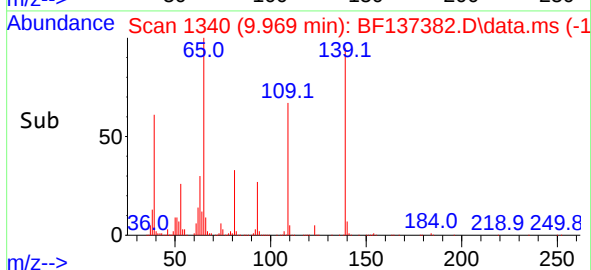
Supervised By :mohammad ahmed 02/27/2024

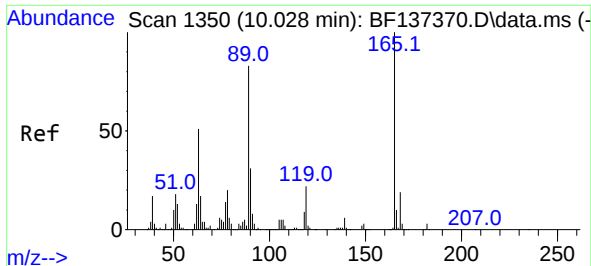


#56
4-Nitrophenol
Concen: 95.781 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:139 Resp: 560130
Ion Ratio Lower Upper
139 100
109 71.0 48.0 88.0
65 105.9 82.2 122.2





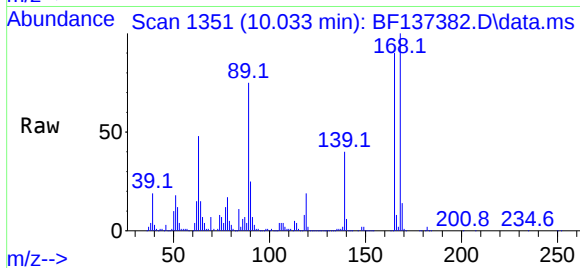
#57
2,4-Dinitrotoluene
Concen: 51.048 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

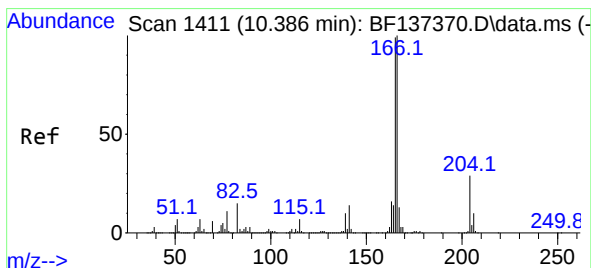
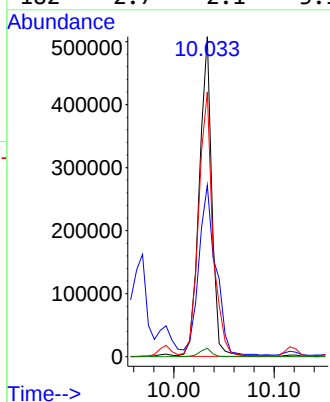
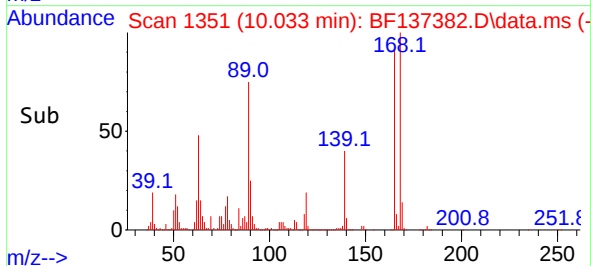


Tgt Ion:165 Resp: 441512
Ion Ratio Lower Upper
165 100
63 53.6 41.1 61.7
89 82.7 66.6 100.0
182 2.7 2.1 3.1

Manual Integrations

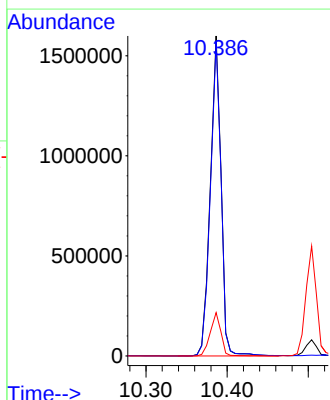
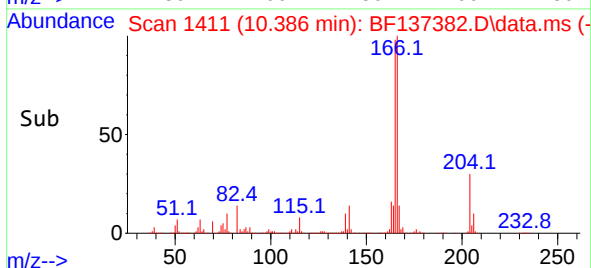
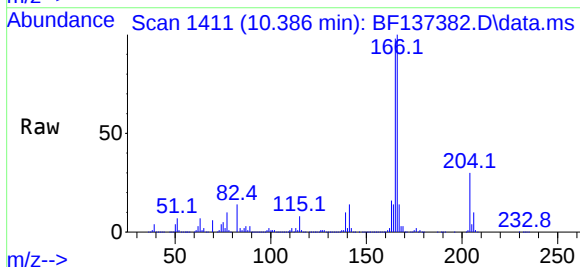
APPROVED

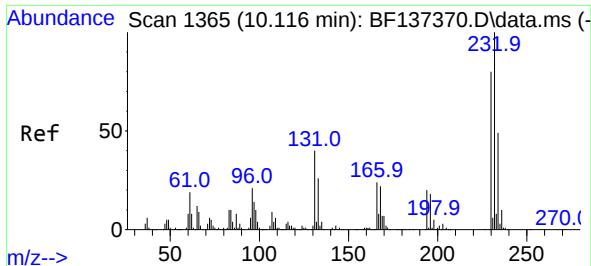
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#58
Fluorene
Concen: 43.661 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

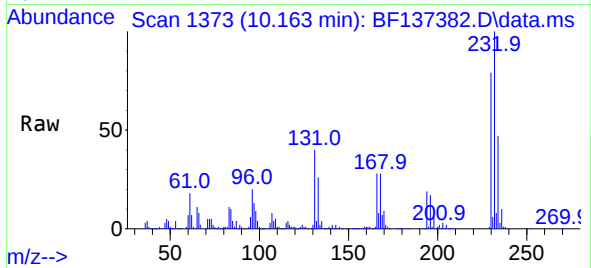
Tgt Ion:166 Resp: 1460997
Ion Ratio Lower Upper
166 100
165 98.2 78.8 118.2
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.255 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

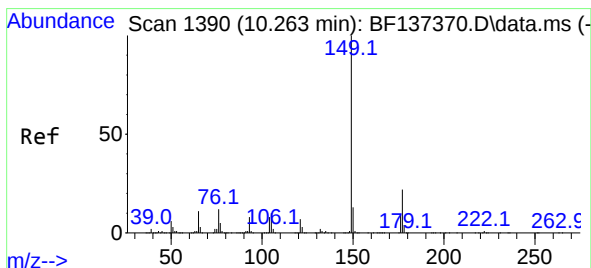
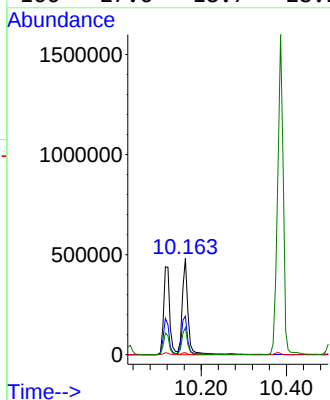
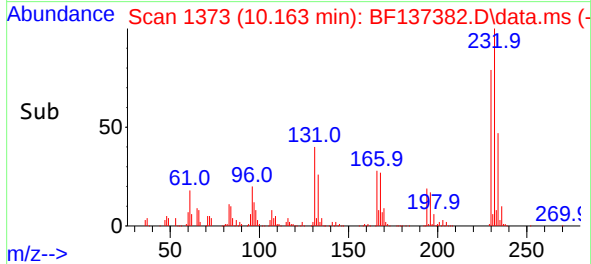
Instrument :
BNA_F
ClientSampleId :
PB159212BS



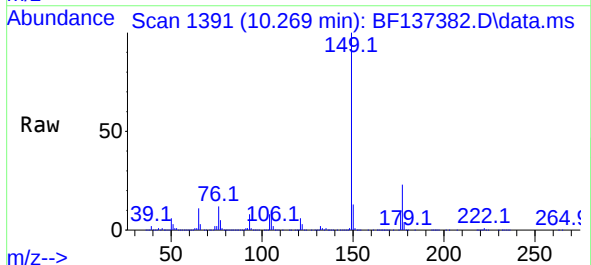
Tgt Ion:232 Resp: 444107
Ion Ratio Lower Upper
232 100
131 42.1 31.1 46.7
130 2.1 1.8 2.6
166 27.6 18.7 28.1

Manual Integrations
APPROVED

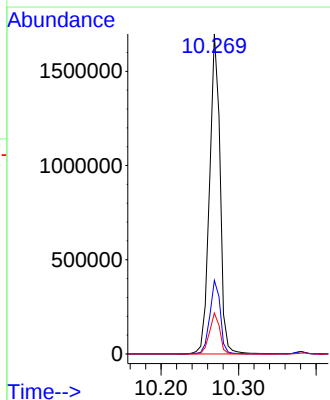
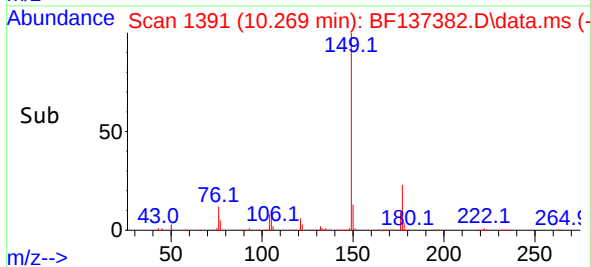
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

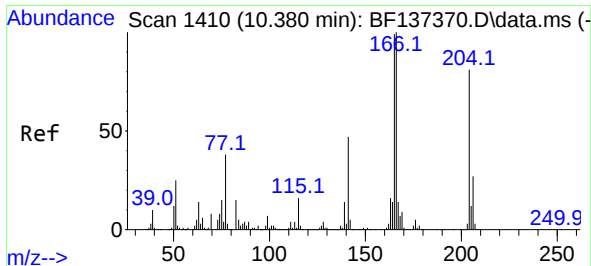


#60
Diethylphthalate
Concen: 46.745 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:149 Resp: 1602680
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.8 10.2 15.2





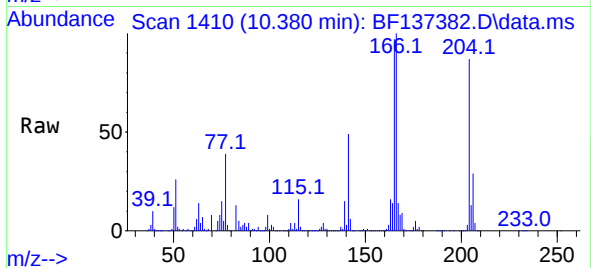
#61
4-Chlorophenyl-phenylether
Concen: 43.291 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

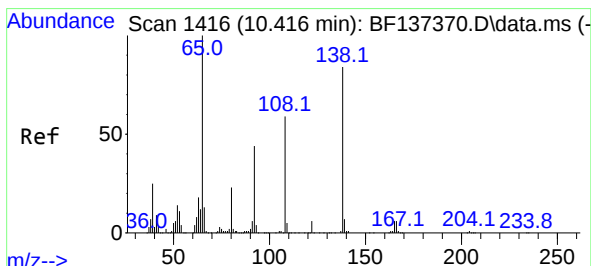
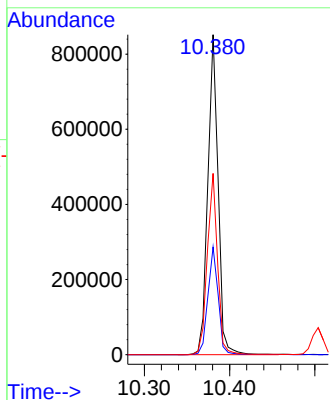
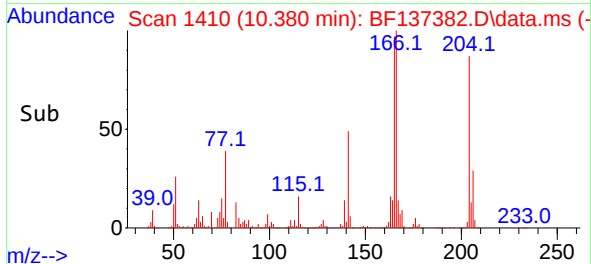


Tgt Ion:204 Resp: 71259
Ion Ratio Lower Upper
204 100
206 33.6 26.8 40.2
141 56.6 46.4 69.6

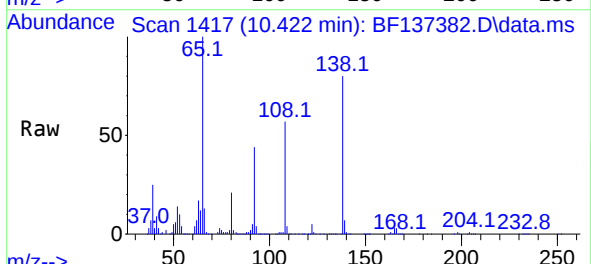
Manual Integrations

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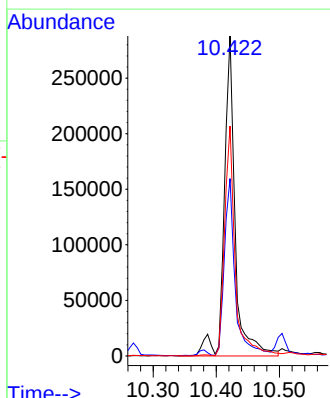
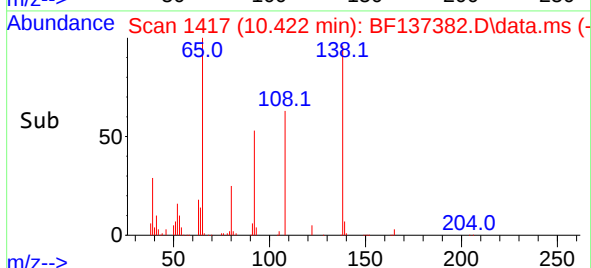
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

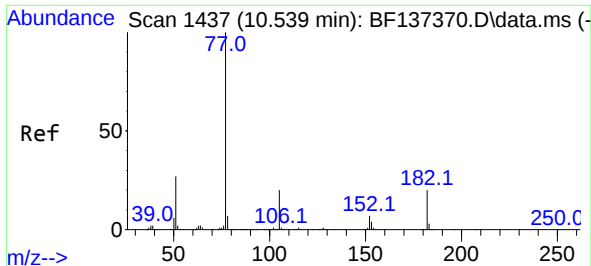


#62
4-Nitroaniline
Concen: 48.018 ng m
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:138 Resp: 345133
Ion Ratio Lower Upper
138 100
92 55.5 33.4 73.4
108 71.9 50.4 90.4





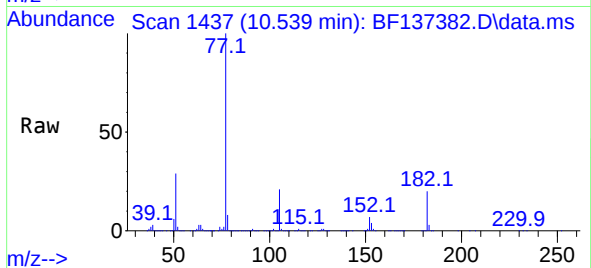
#63
Azobenzene
Concen: 45.387 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



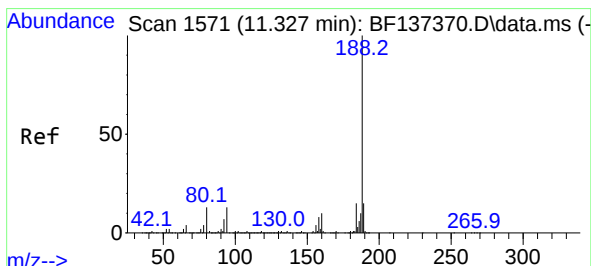
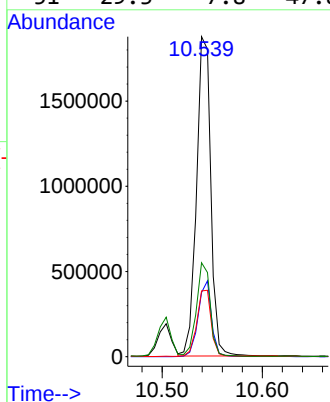
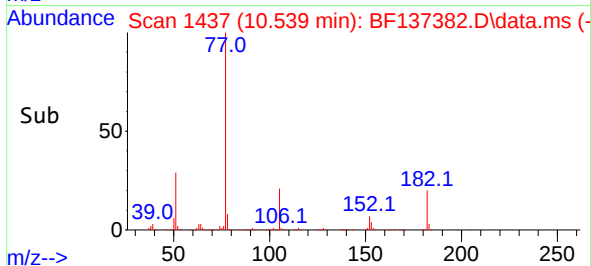
Tgt Ion: 77 Resp: 186179
Ion Ratio Lower Upper
77 100
182 20.0 0.0 39.6
105 20.6 0.4 40.4
51 29.3 7.8 47.8

Manual Integrations

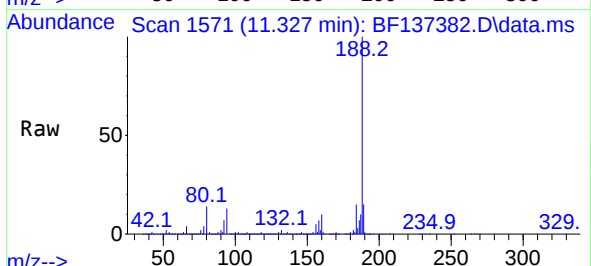
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

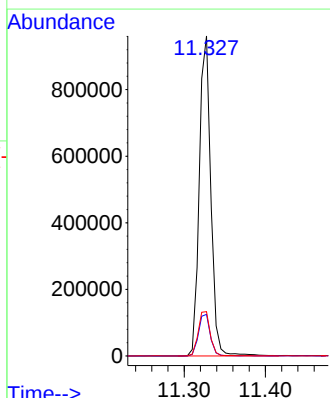
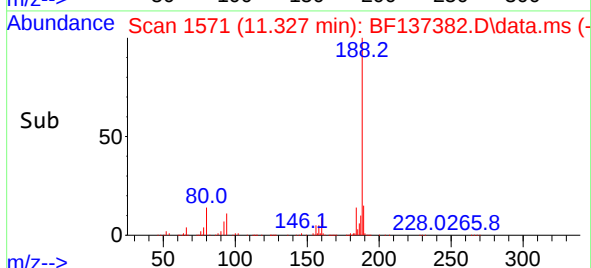
Supervised By :mohammad ahmed 02/27/2024

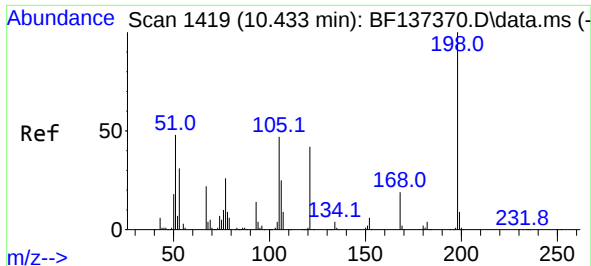


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:188 Resp: 946741
Ion Ratio Lower Upper
188 100
94 13.0 10.2 15.2
80 13.8 10.7 16.1





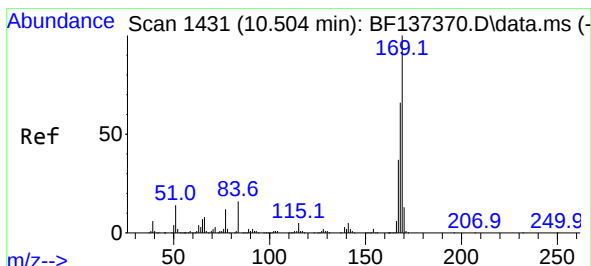
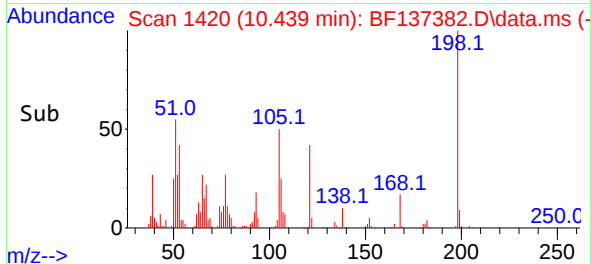
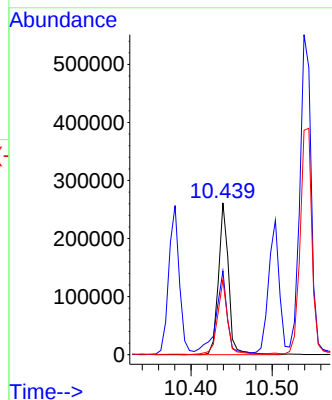
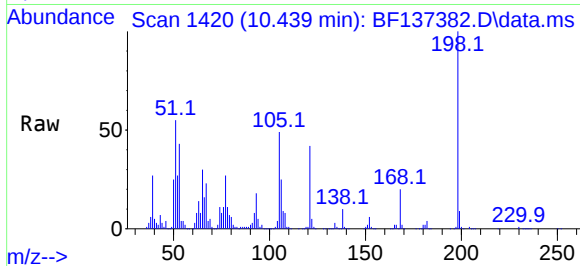
#65
4,6-Dinitro-2-methylphenol
Concen: 48.528 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159212BS

Tgt Ion:198 Resp: 224901
Ion Ratio Lower Upper
198 100
51 55.1 36.8 76.8
105 49.4 28.5 68.5

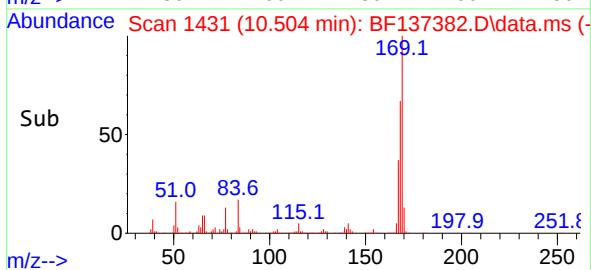
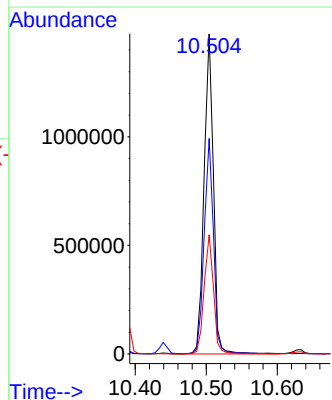
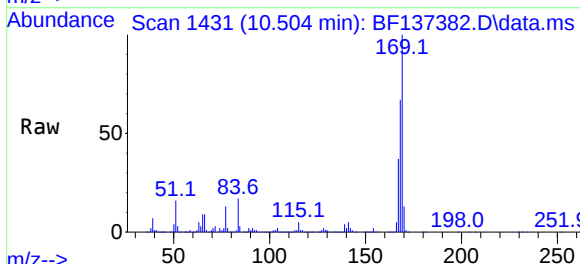
Manual Integrations
APPROVED

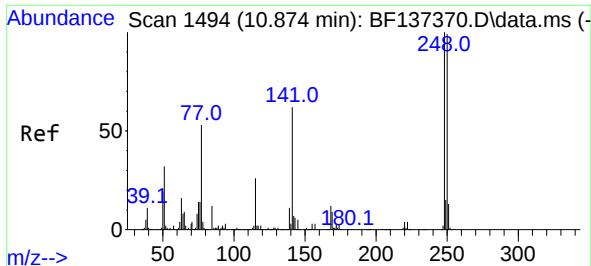
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#66
n-Nitrosodiphenylamine
Concen: 43.957 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

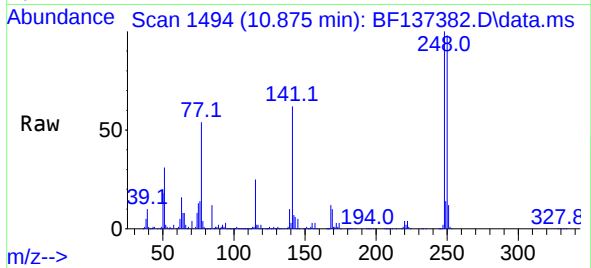
Tgt Ion:169 Resp: 1351572
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.4
167 37.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.739 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

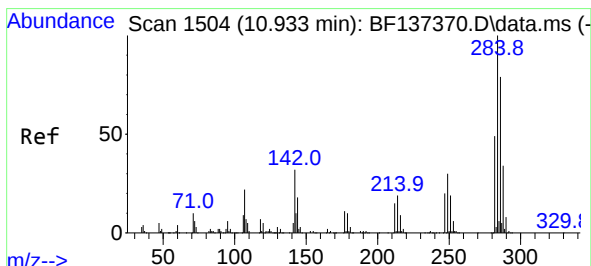
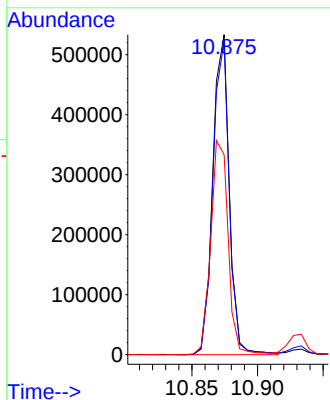
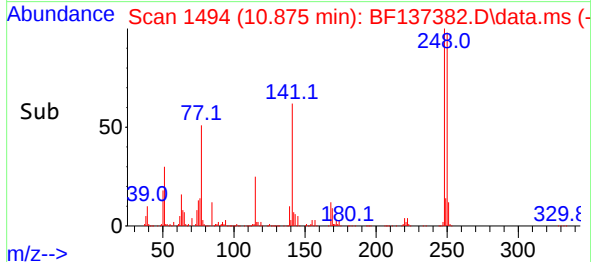
Instrument :
BNA_F
ClientSampleId :
PB159212BS



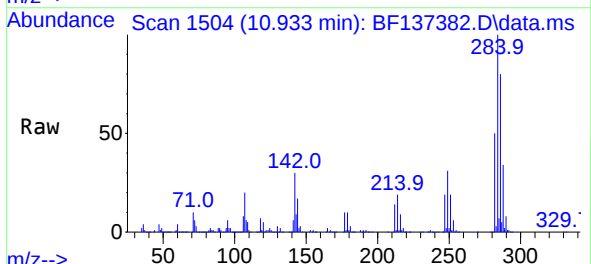
Tgt Ion:248 Resp: 465520
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.6
141 62.5 49.9 74.9

Manual Integrations
APPROVED

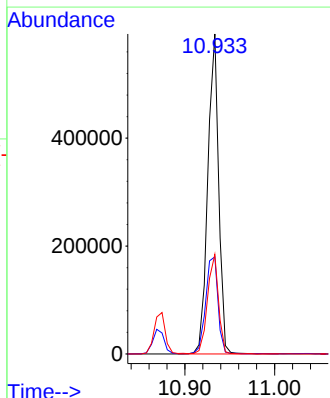
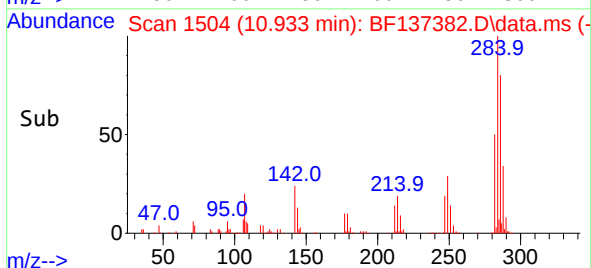
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

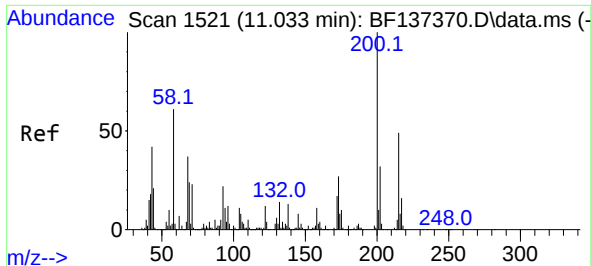


#68
Hexachlorobenzene
Concen: 47.443 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



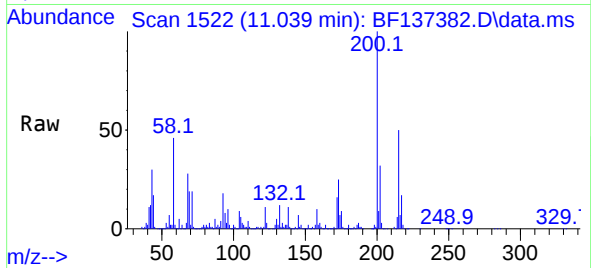
Tgt Ion:284 Resp: 499508
Ion Ratio Lower Upper
284 100
142 30.4 25.4 38.0
249 31.1 24.2 36.4





#69
Atrazine
Concen: 46.727 ng
RT: 11.039 min Scan# 11039
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

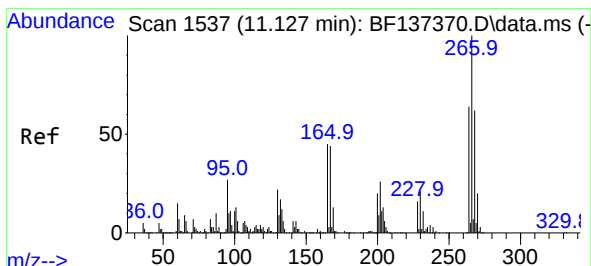
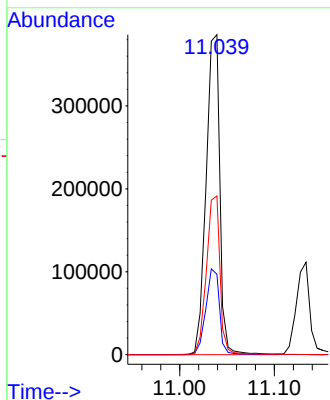
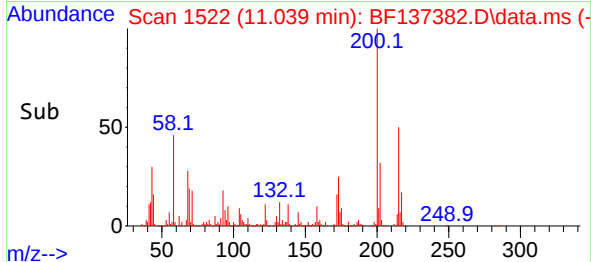
Instrument :
BNA_F
ClientSampleId :
PB159212BS



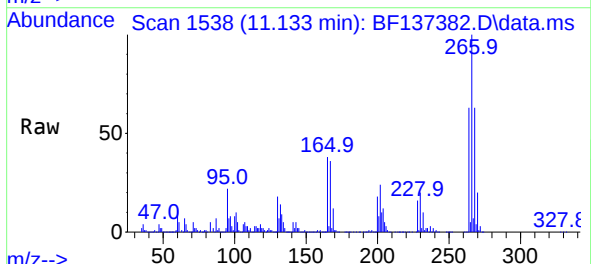
Tgt Ion:200 Resp: 387734
Ion Ratio Lower Upper
200 100
173 25.2 6.8 46.8
215 49.6 29.4 69.4

Manual Integrations
APPROVED

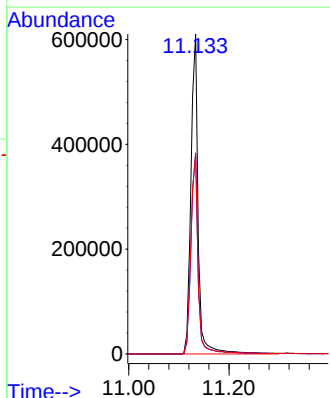
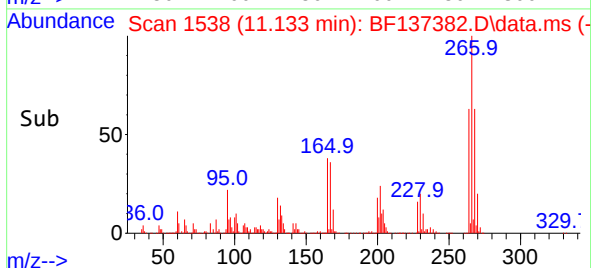
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

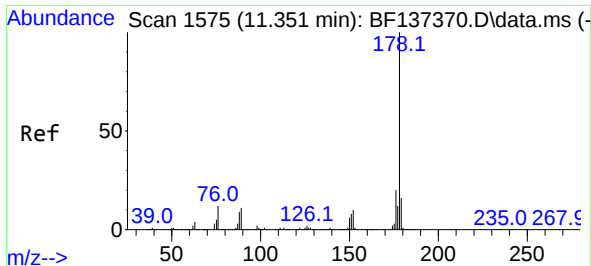


#70
Pentachlorophenol
Concen: 91.722 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



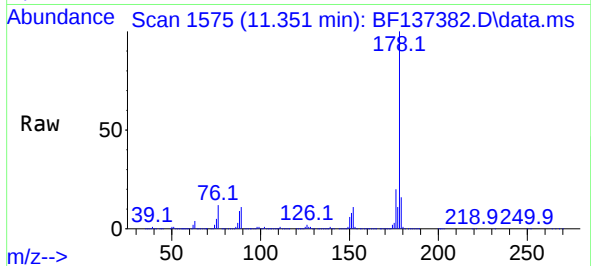
Tgt Ion:266 Resp: 611852
Ion Ratio Lower Upper
266 100
268 62.9 49.4 74.2
264 62.7 51.3 76.9





#71
Phenanthrene
Concen: 43.291 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

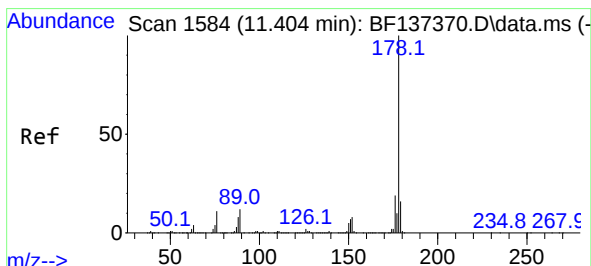
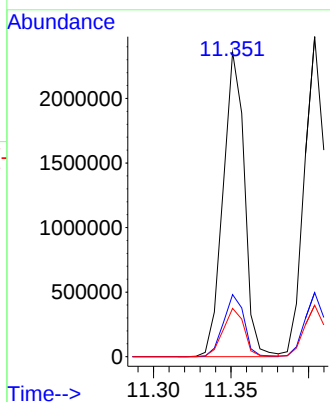
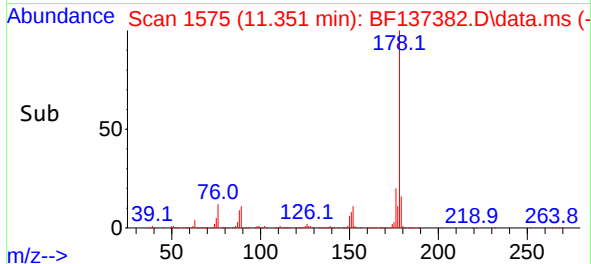
Instrument :
BNA_F
ClientSampleId :
PB159212BS



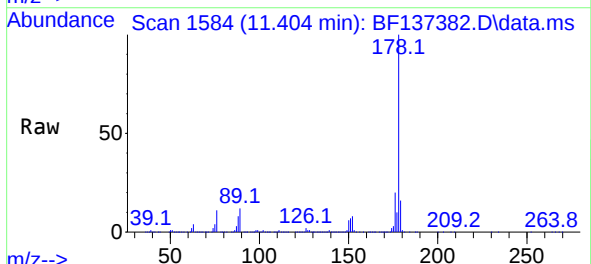
Tgt Ion:178 Resp: 2261224
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.9 12.7 19.1

Manual Integrations
APPROVED

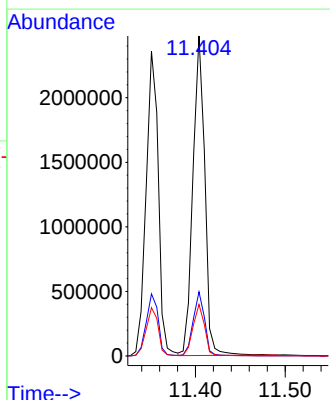
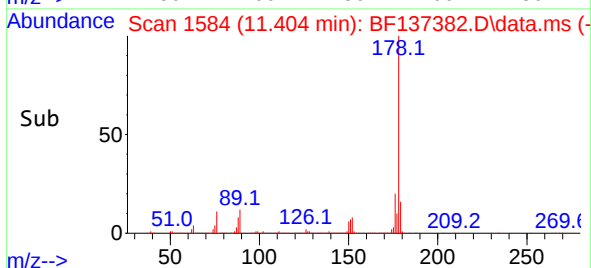
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

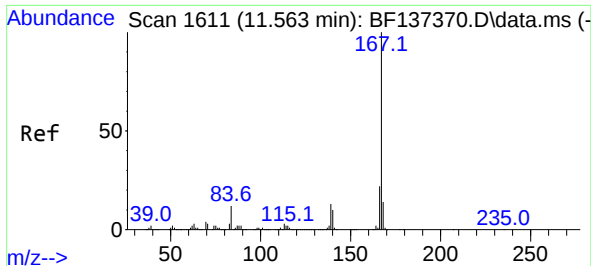


#72
Anthracene
Concen: 42.348 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:178 Resp: 2279563
Ion Ratio Lower Upper
178 100
176 20.1 15.3 22.9
179 16.1 12.6 18.8





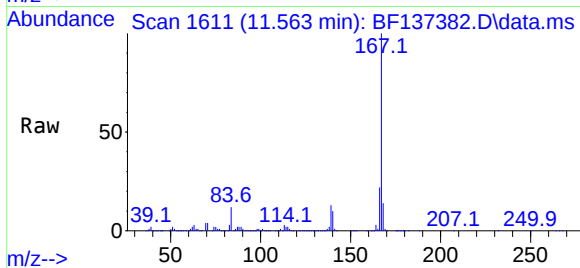
#73
 Carbazole
 Concen: 44.133 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

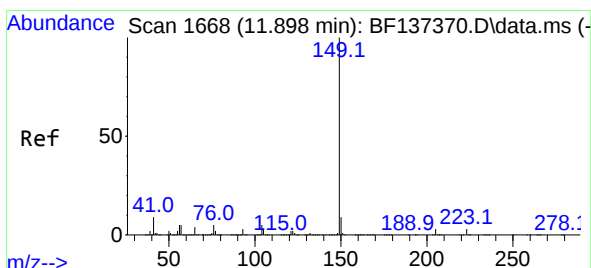
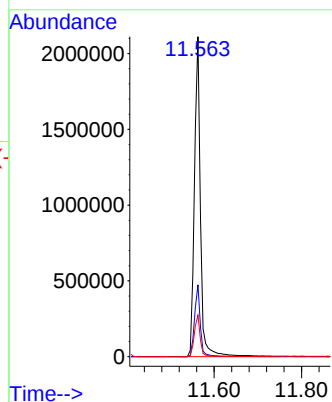
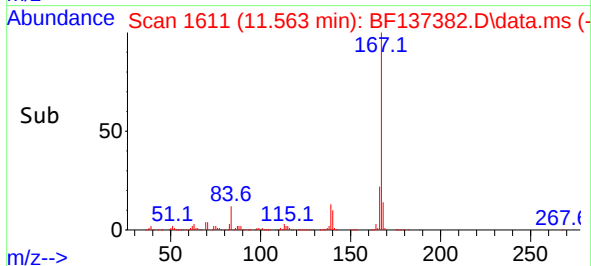


Tgt Ion:167 Resp: 2029750
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.0 10.0 15.0

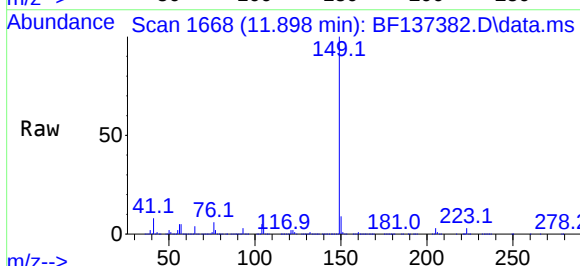
Manual Integrations

APPROVED

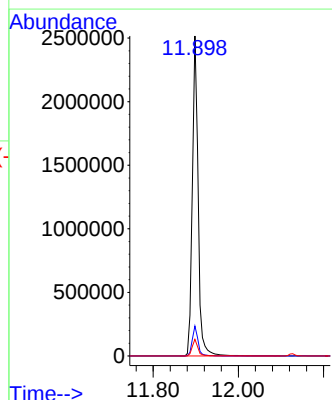
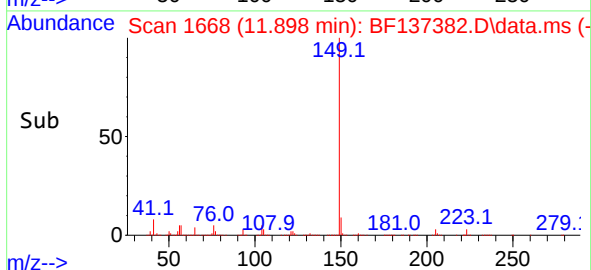
Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

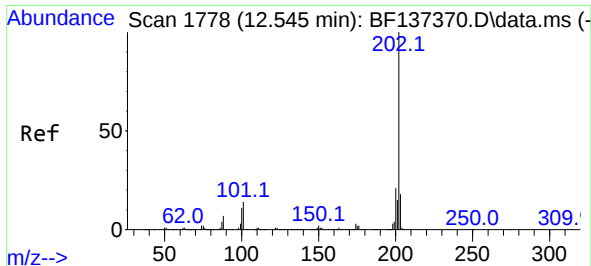


#74
 Di-n-butylphthalate
 Concen: 51.645 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.000 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17



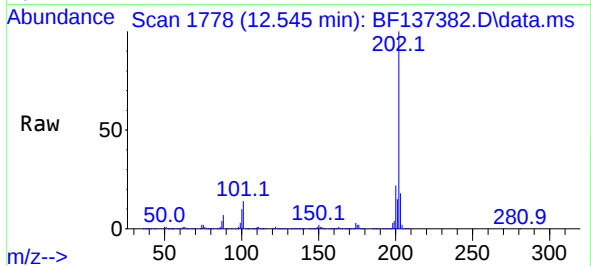
Tgt Ion:149 Resp: 2376649
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 43.543 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

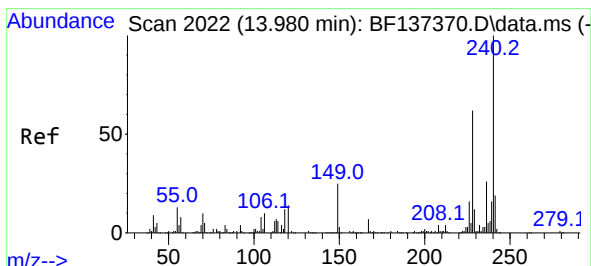
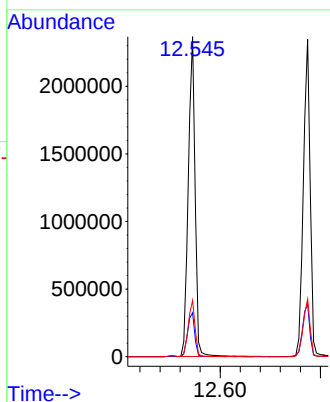
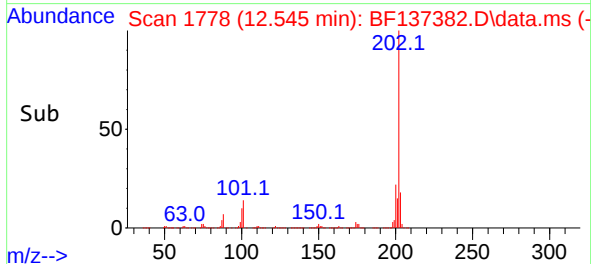
Instrument :
BNA_F
ClientSampleId :
PB159212BS



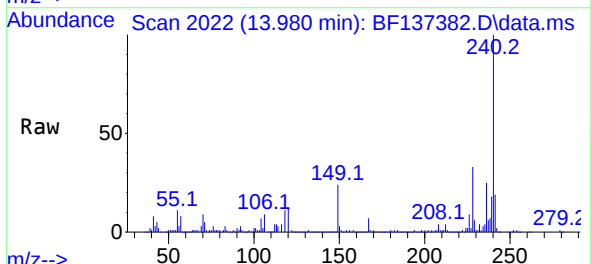
Tgt Ion:202 Resp: 2220080
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.9
203 17.6 0.0 37.8

Manual Integrations
APPROVED

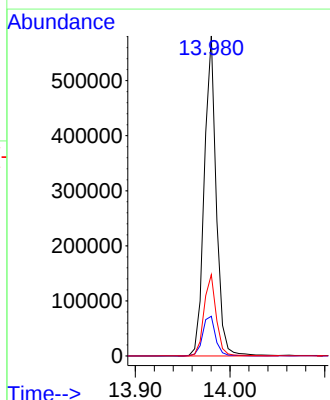
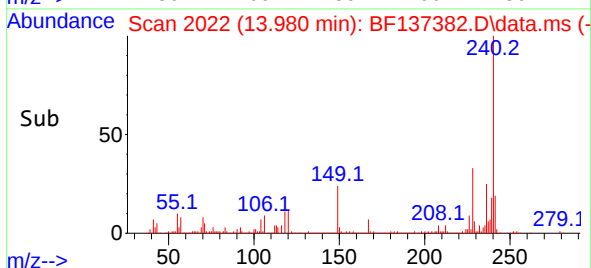
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

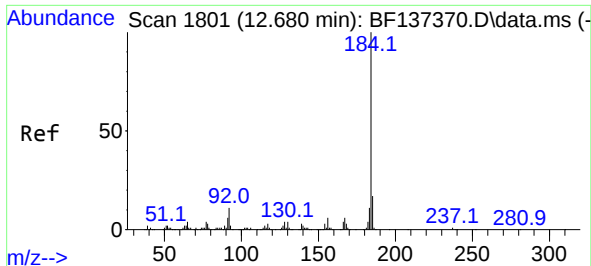


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



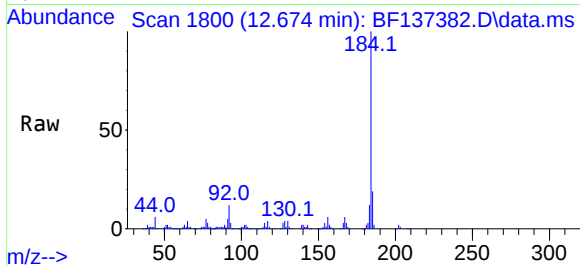
Tgt Ion:240 Resp: 508241
Ion Ratio Lower Upper
240 100
120 12.4 11.3 16.9
236 25.4 20.5 30.7





#77
Benzidine
Concen: 26.421 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

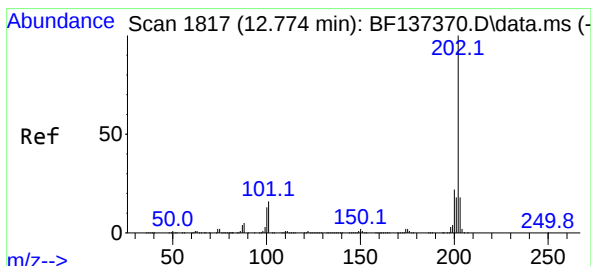
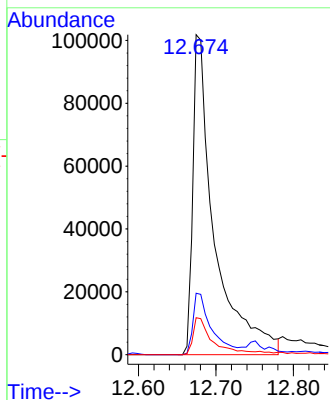
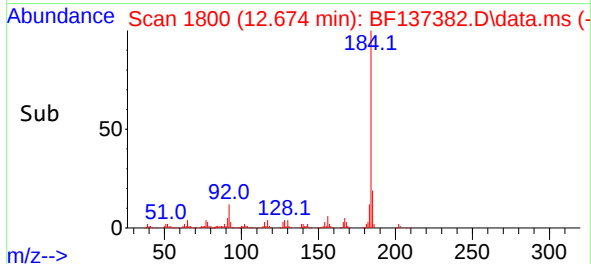
Instrument :
BNA_F
ClientSampleId :
PB159212BS



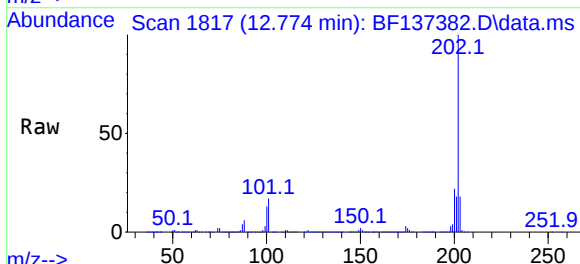
Tgt Ion:184 Resp: 19766
Ion Ratio Lower Upper
184 100
185 19.2 13.7 20.5
183 11.5 8.8 13.2

Manual Integrations
APPROVED

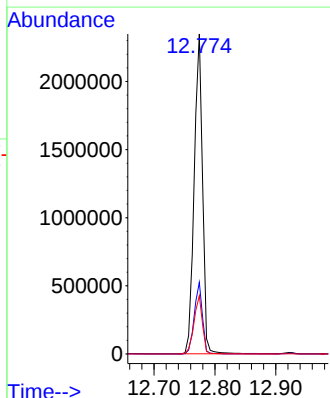
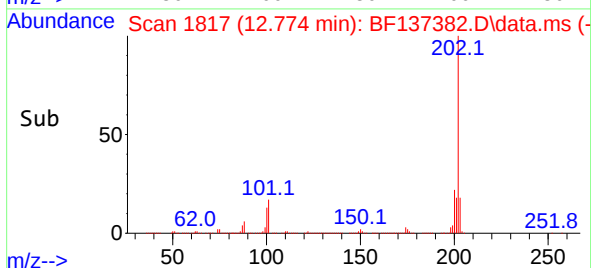
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

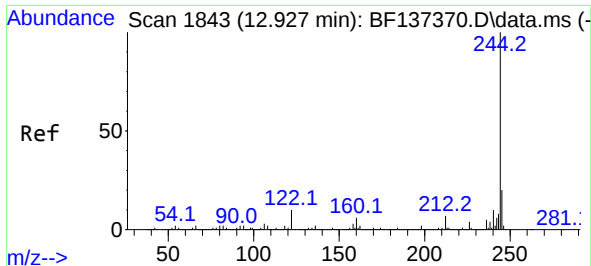


#78
Pyrene
Concen: 46.548 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:202 Resp: 2237028
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 18.2 14.2 21.2





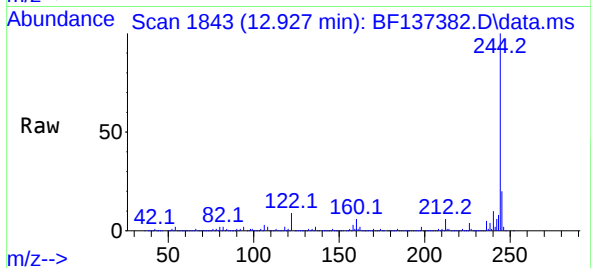
#79
 Terphenyl-d14
 Concen: 90.586 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



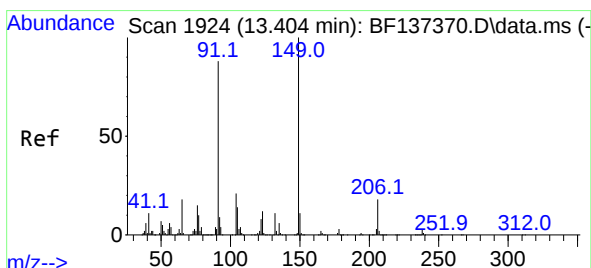
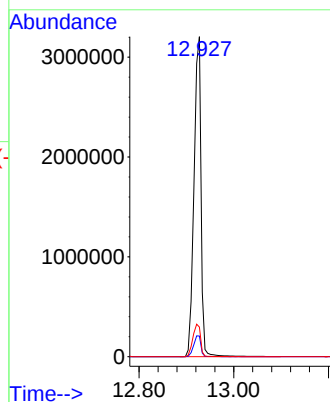
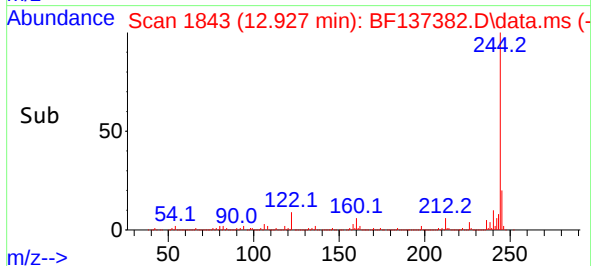
Tgt Ion:244 Resp: 3291640
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 9.3 8.2 12.4

Manual Integrations

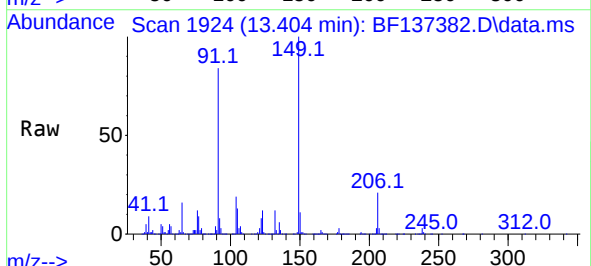
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

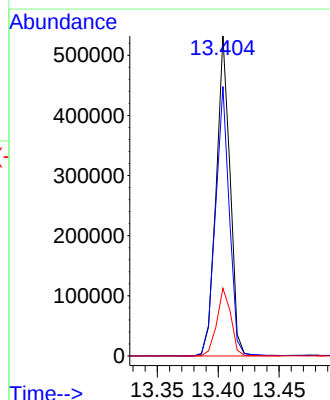
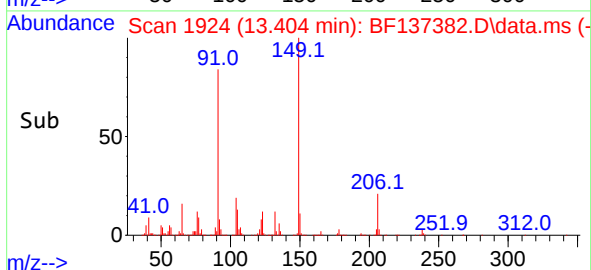
Supervised By :mohammad ahmed 02/27/2024

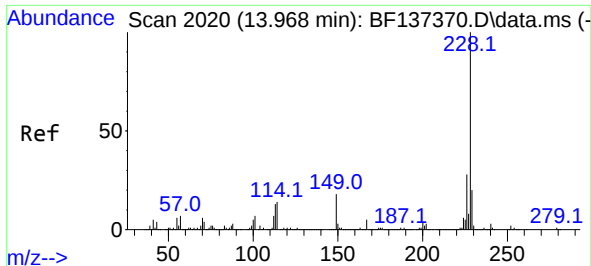


#80
 Butylbenzylphthalate
 Concen: 56.283 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137382.D
 Acq: 26 Feb 2024 13:17



Tgt Ion:149 Resp: 423251
 Ion Ratio Lower Upper
 149 100
 91 84.2 70.5 105.7
 206 21.2 14.8 22.2





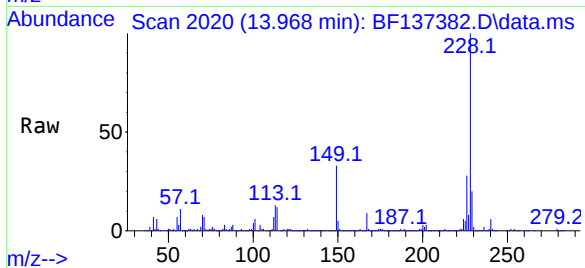
#81
Benzo(a)anthracene
Concen: 46.227 ng
RT: 13.968 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



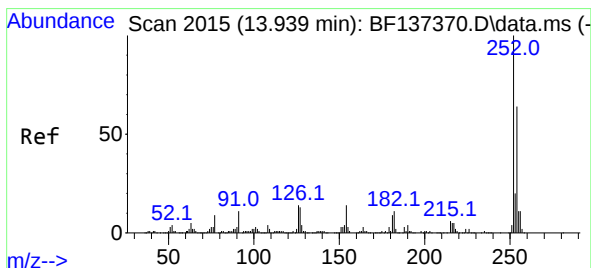
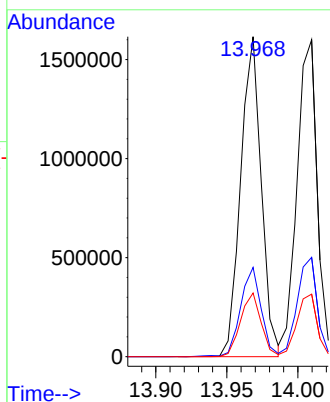
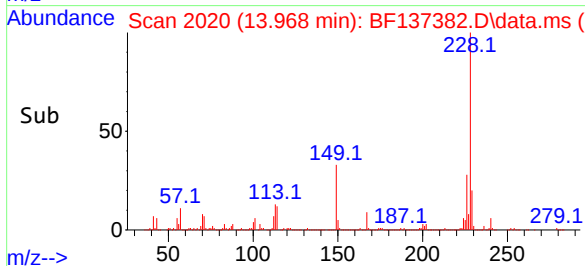
Tgt Ion:228 Resp: 1630314
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.9 15.7 23.5

Manual Integrations

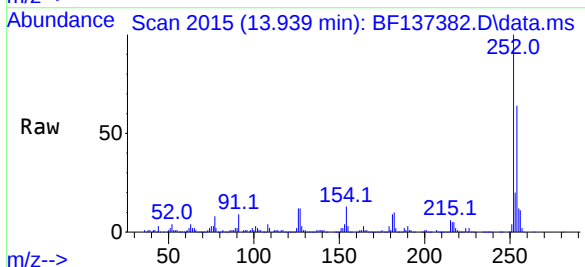
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

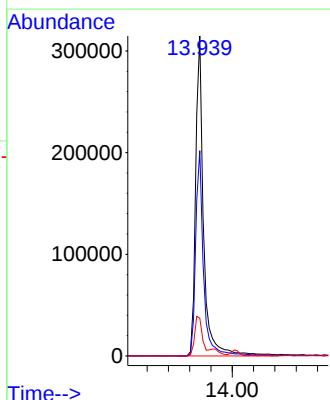
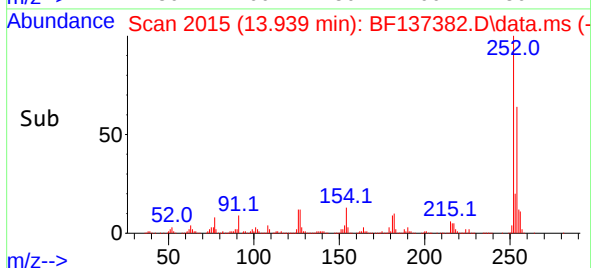
Supervised By :mohammad ahmed 02/27/2024

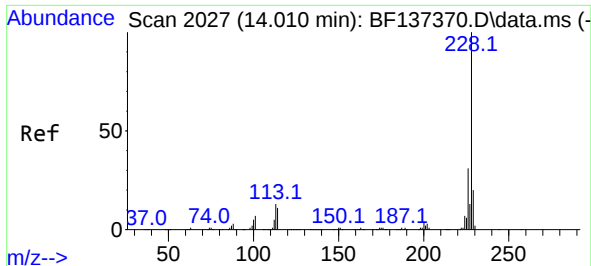


#82
3,3'-Dichlorobenzidine
Concen: 40.652 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



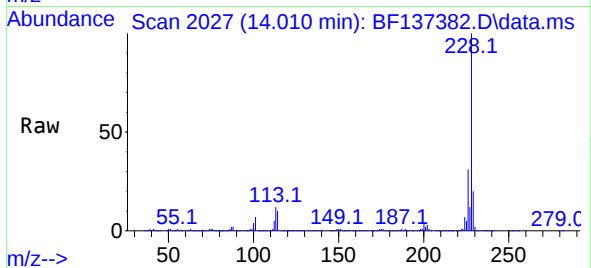
Tgt Ion:252 Resp: 327249
Ion Ratio Lower Upper
252 100
254 64.2 51.2 76.8
126 11.8 11.1 16.7





#83
Chrysene
Concen: 45.103 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

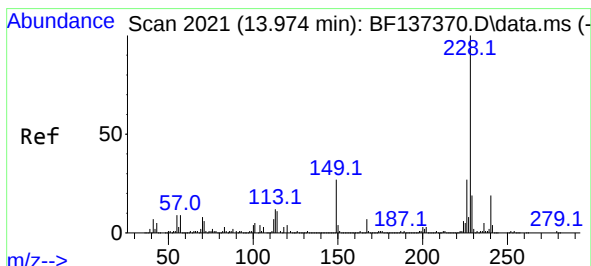
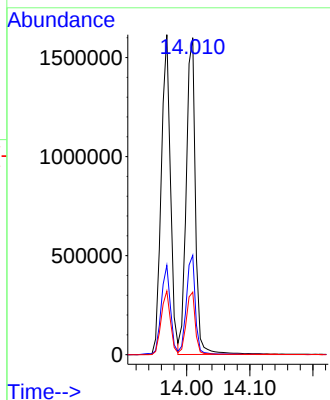
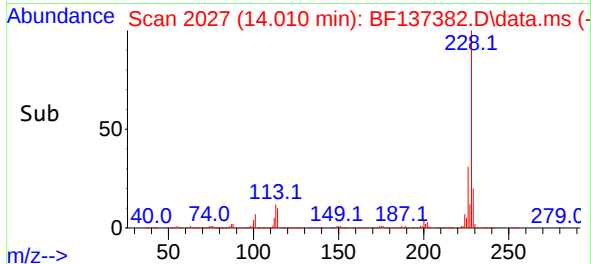
Instrument :
BNA_F
ClientSampleId :
PB159212BS



Tgt Ion:228 Resp: 1624930
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 19.7 15.8 23.8

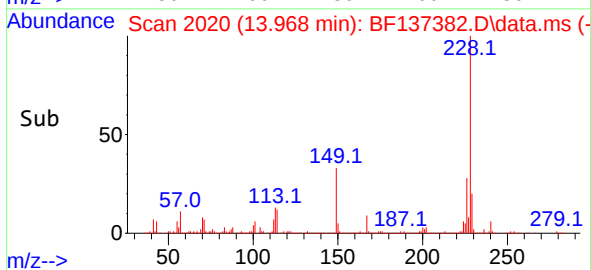
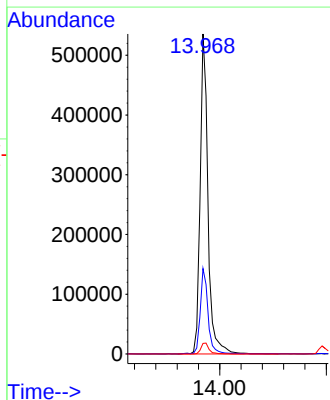
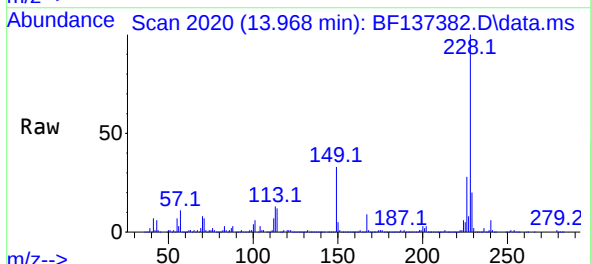
Manual Integrations
APPROVED

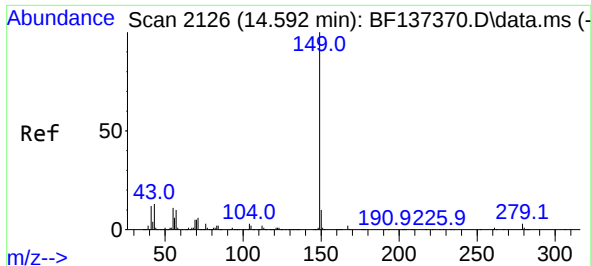
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.481 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:149 Resp: 546186
Ion Ratio Lower Upper
149 100
167 26.7 20.6 31.0
279 3.3 2.7 4.1





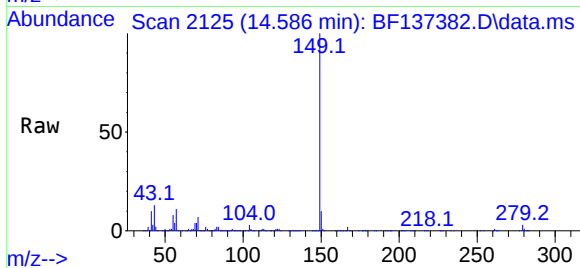
#85
Di-n-octyl phthalate
Concen: 56.156 ng
RT: 14.586 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS

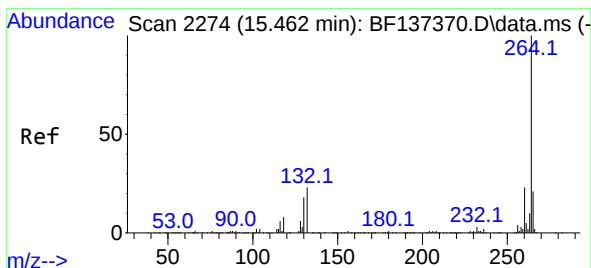
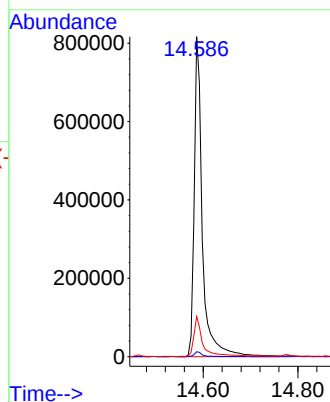
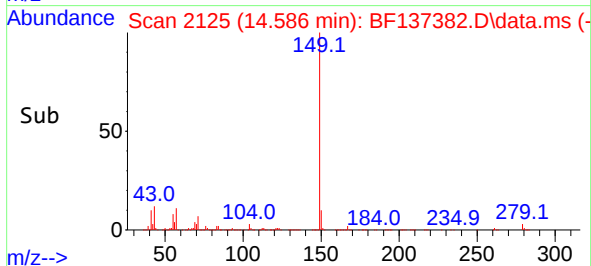


Tgt Ion:149 Resp: 972314
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.1 13.7 20.5

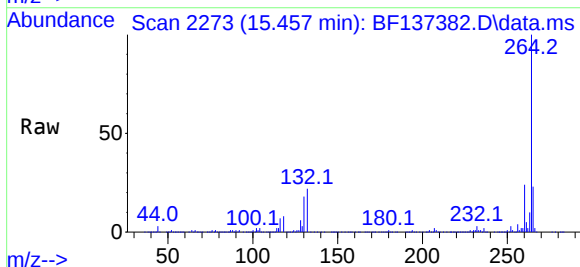
Manual Integrations

APPROVED

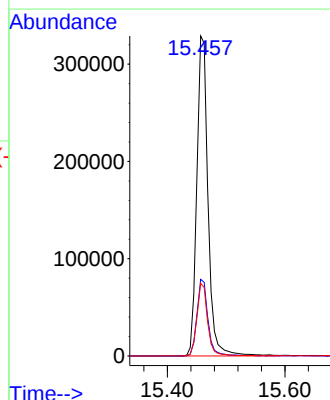
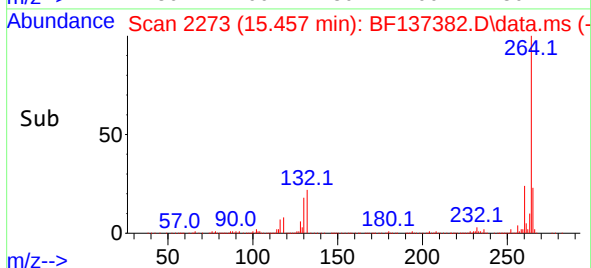
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

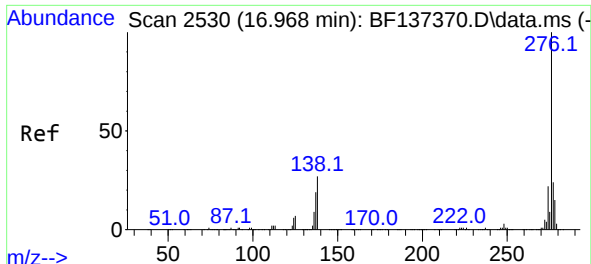


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17



Tgt Ion:264 Resp: 436313
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 22.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.936 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137382.D

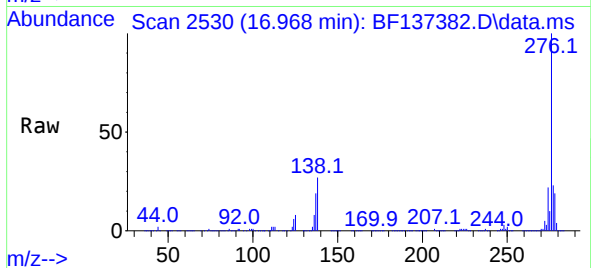
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159212BS



Tgt Ion:276 Resp: 1511014

Ion Ratio Lower Upper

276 100

138 31.7 25.8 38.8

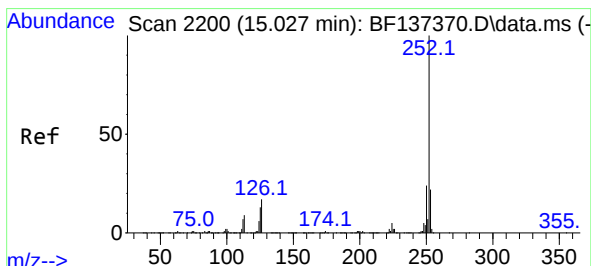
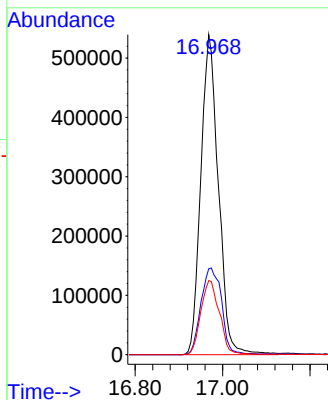
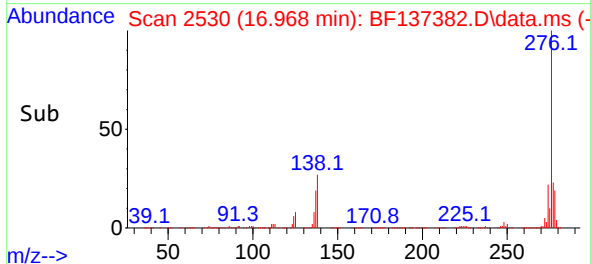
277 24.5 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#88

Benzo(b)fluoranthene

Concen: 47.862 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF137382.D

Acq: 26 Feb 2024 13:17

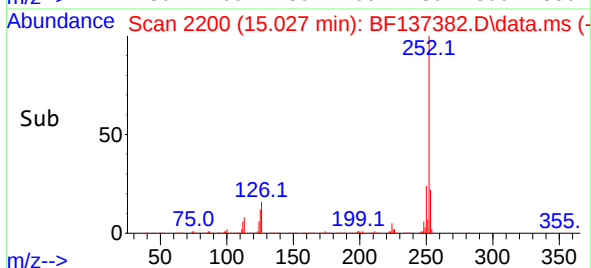
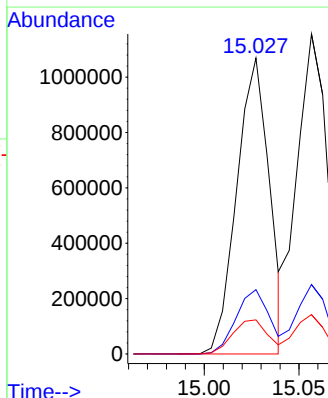
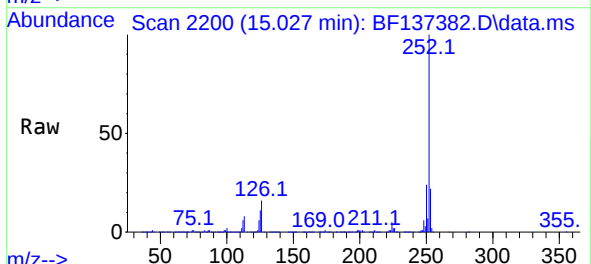
Tgt Ion:252 Resp: 1281048

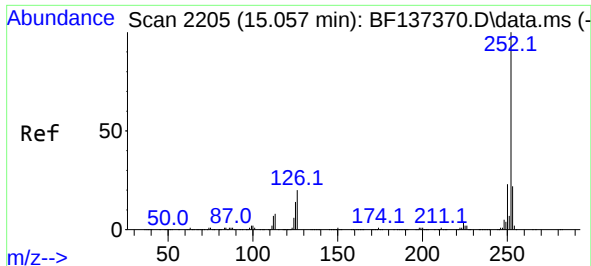
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 11.5 10.2 15.2





#89
Benzo(k)fluoranthene
Concen: 47.821 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

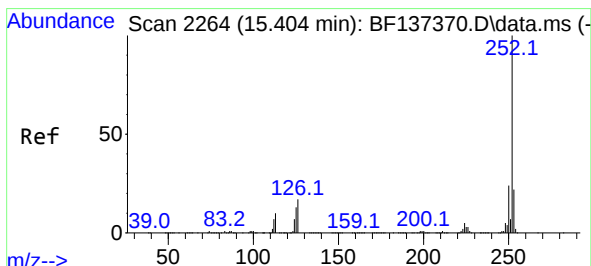
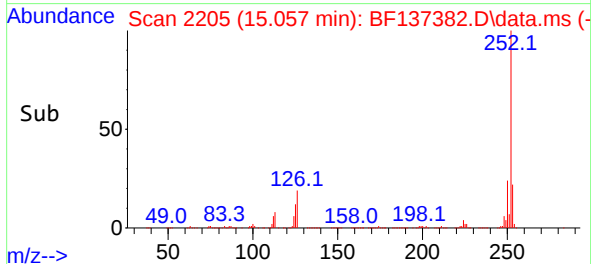
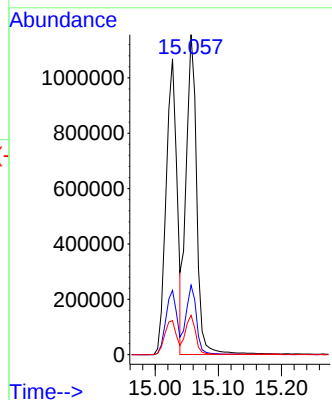
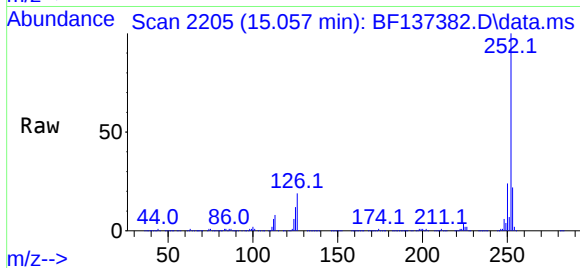
PB159212BS

Tgt Ion:252 Resp: 134153
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 12.3 10.7 16.1

Manual Integrations

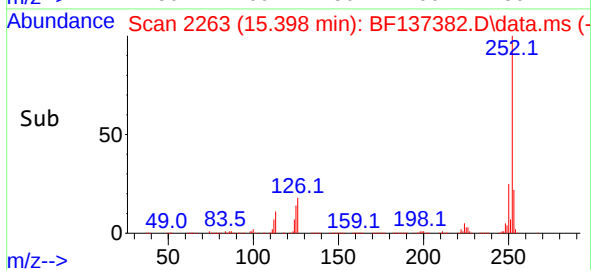
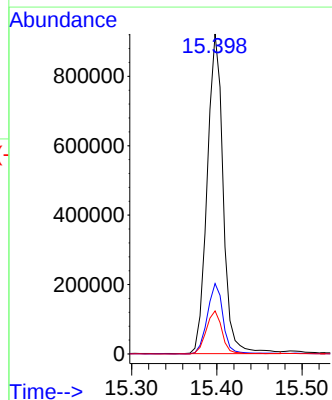
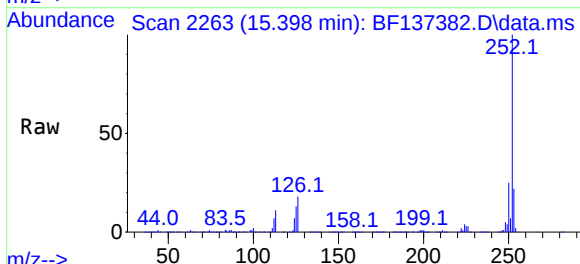
APPROVED

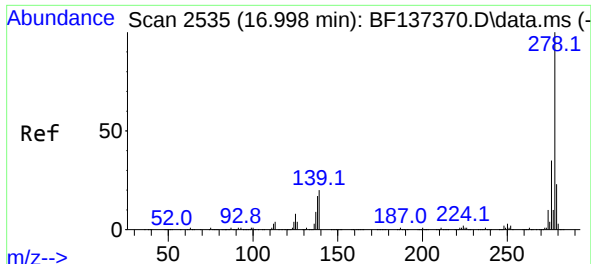
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#90
Benzo(a)pyrene
Concen: 47.273 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:252 Resp: 1200187
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 13.5 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 49.599 ng
RT: 16.992 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

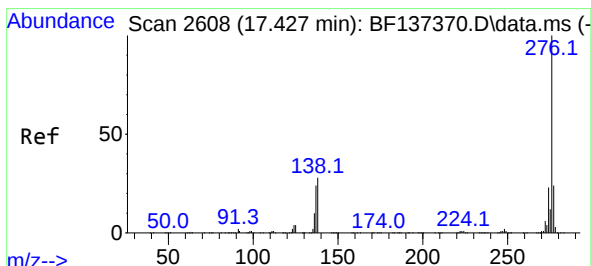
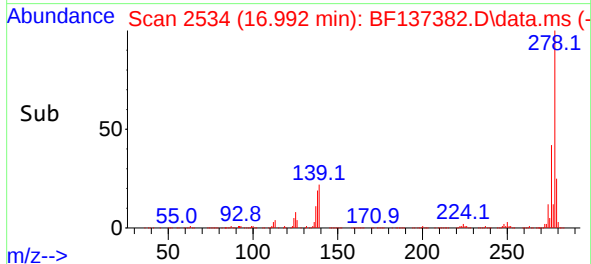
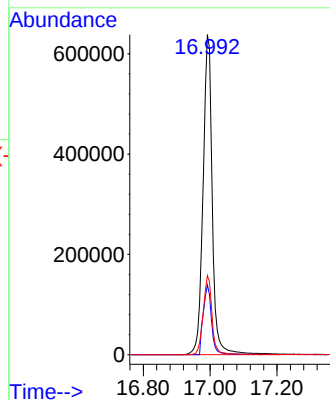
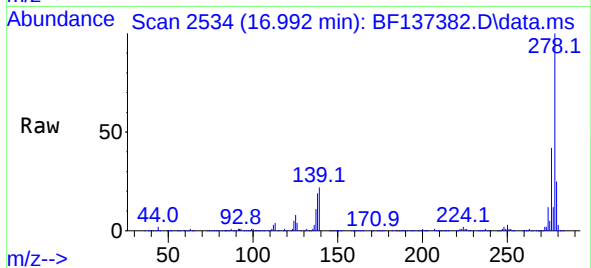
PB159212BS

Tgt Ion:278 Resp: 122903
Ion Ratio Lower Upper
278 100
139 21.8 16.2 24.4
279 24.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#92
Benzo(g,h,i)perylene
Concen: 48.047 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.000 min
Lab File: BF137382.D
Acq: 26 Feb 2024 13:17

Tgt Ion:276 Resp: 1229636
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 28.2 22.6 33.8

