

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137624.D
 Acq On : 18 Mar 2024 11:35
 Operator : CG\JU
 Sample : PB159612BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159612BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
 Supervised By :mohammad ahmed 03/19/2024

Quant Time: Mar 18 12:35:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	187369	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	732739	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	387635	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	662355	20.000	ng	0.00
76) Chrysene-d12	13.880	240	408813	20.000	ng	0.00
86) Perylene-d12	15.298	264	346809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1540886	124.553	ng	0.02
7) Phenol-d6	6.375	99	2053935	115.017	ng	0.00
23) Nitrobenzene-d5	7.298	82	1277639	81.017	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	481671	141.497	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2064597	83.373	ng	0.00
79) Terphenyl-d14	12.833	244	2271397	76.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	241653	35.724	ng	96
3) Pyridine	3.175	79	521383	31.959	ng	96
4) n-Nitrosodimethylamine	3.140	42	271394	41.617	ng	96
6) Aniline	6.392	93	442471	20.278	ng	# 57
8) 2-Chlorophenol	6.510	128	599588	45.950	ng	95
9) Benzaldehyde	6.275	77	304617	34.819	ng	99
10) Phenol	6.386	94	791949	41.203	ng	92
11) bis(2-Chloroethyl)ether	6.469	93	623113	44.240	ng	97
12) 1,3-Dichlorobenzene	6.669	146	626841	44.956	ng	96
13) 1,4-Dichlorobenzene	6.745	146	646164	45.293	ng	98
14) 1,2-Dichlorobenzene	6.892	146	602538	46.015	ng	98
15) Benzyl Alcohol	6.881	79	526537	47.362	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	953257	39.373	ng	94
17) 2-Methylphenol	6.992	107	491648	40.266	ng	98
18) Hexachloroethane	7.234	117	221035	47.054	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	440989	39.990	ng	97
20) 3+4-Methylphenols	7.145	107	556516	39.797	ng	92
22) Acetophenone	7.139	105	786801	44.380	ng	# 96
24) Nitrobenzene	7.316	77	673786	42.532	ng	97
25) Isophorone	7.551	82	1267562	42.308	ng	99
26) 2-Nitrophenol	7.628	139	305291	48.541	ng	98
27) 2,4-Dimethylphenol	7.669	122	443519	37.740	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	764689	43.501	ng	99
29) 2,4-Dichlorophenol	7.869	162	482886	44.771	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	526815	46.414	ng	99
31) Naphthalene	8.033	128	1678296	42.689	ng	99
32) Benzoic acid	7.816	122	272272	41.250	ng	98
33) 4-Chloroaniline	8.086	127	204305	13.253	ng	98
34) Hexachlorobutadiene	8.145	225	306957	45.808	ng	99
35) Caprolactam	8.463	113	163896m	44.814	ng	
36) 4-Chloro-3-methylphenol	8.575	107	529222	43.897	ng	99
37) 2-Methylnaphthalene	8.722	142	1019180	40.666	ng	100
38) 1-Methylnaphthalene	8.822	142	976001	41.352	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	513063	47.410	ng	100
41) Hexachlorocyclopentadiene	8.875	237	377952	85.006	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	328897	46.670	ng	98

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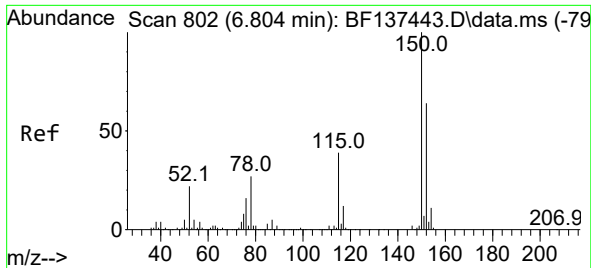
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	342078	42.138	ng	97
46) 1,1'-Biphenyl	9.186	154	1278802	45.074	ng	99
47) 2-Chloronaphthalene	9.210	162	1002847	46.362	ng	99
48) 2-Nitroaniline	9.316	65	343534	46.726	ng	96
49) Acenaphthylene	9.627	152	1580105	45.646	ng	99
50) Dimethylphthalate	9.492	163	1195046	44.287	ng	99
51) 2,6-Dinitrotoluene	9.557	165	265210	46.990	ng	88
52) Acenaphthene	9.798	154	885321	42.838	ng	99
53) 3-Nitroaniline	9.727	138	170712	28.596	ng	87
54) 2,4-Dinitrophenol	9.833	184	238620	85.995	ng	95
55) Dibenzofuran	9.969	168	1335162	42.417	ng	100
56) 4-Nitrophenol	9.898	139	350530	82.388	ng	98
57) 2,4-Dinitrotoluene	9.963	165	331866	47.861	ng	96
58) Fluorene	10.310	166	1030934	42.647	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	297067	45.633	ng	95
60) Diethylphthalate	10.192	149	1126455	44.207	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	508813	42.948	ng	96
62) 4-Nitroaniline	10.345	138	222006	43.268	ng	93
63) Azobenzene	10.463	77	1225588	41.769	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	187194	50.708	ng	83
66) n-Nitrosodiphenylamine	10.427	169	929004	43.556	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	321995	44.633	ng	97
68) Hexachlorobenzene	10.857	284	356700	48.954	ng	# 90
69) Atrazine	10.957	200	276043	42.574	ng	98
70) Pentachlorophenol	11.051	266	369040	83.781	ng	99
71) Phenanthrene	11.269	178	1545710	42.881	ng	99
72) Anthracene	11.321	178	1591214	42.980	ng	99
73) Carbazole	11.480	167	1410141	44.467	ng	99
74) Di-n-butylphthalate	11.810	149	1682140	44.584	ng	99
75) Fluoranthene	12.457	202	1569103	44.533	ng	97
77) Benzidine	12.586	184	140564	14.050	ng	97
78) Pyrene	12.680	202	1571647	39.180	ng	99
80) Butylbenzylphthalate	13.304	149	582388	56.849	ng	97
81) Benzo(a)anthracene	13.868	228	1189865	41.526	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	281946	36.950	ng	98
83) Chrysene	13.910	228	1252181	43.239	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	757711	58.191	ng	# 98
85) Di-n-octyl phthalate	14.474	149	1243153	49.358	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1050803	46.043	ng	97
88) Benzo(b)fluoranthene	14.898	252	1048575	51.112	ng	98
89) Benzo(k)fluoranthene	14.921	252	997206	45.255	ng	98
90) Benzo(a)pyrene	15.245	252	907305	44.879	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	841734	45.465	ng	97
92) Benzo(g,h,i)perylene	17.109	276	855390	44.989	ng	99

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



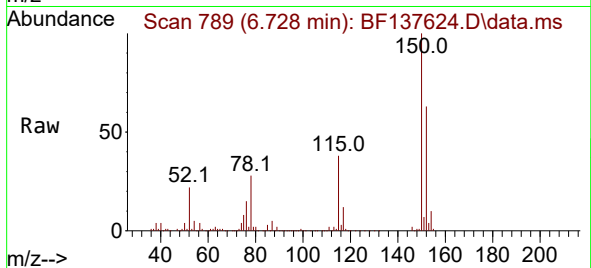
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

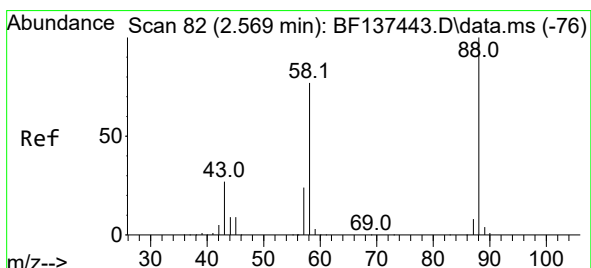
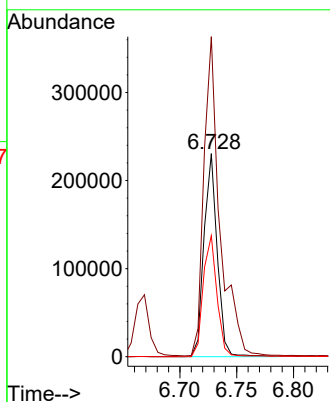
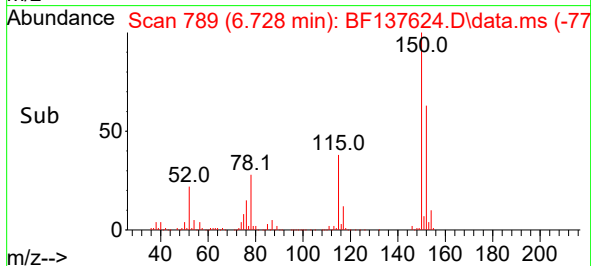


Tgt Ion:152 Resp: 187369
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 59.6 48.8 73.2

Manual Integrations

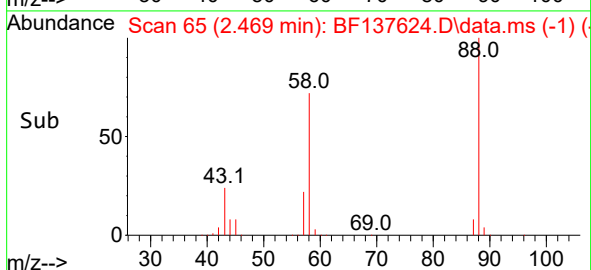
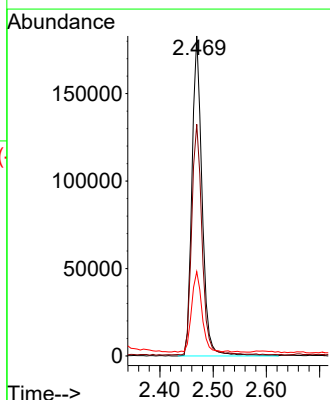
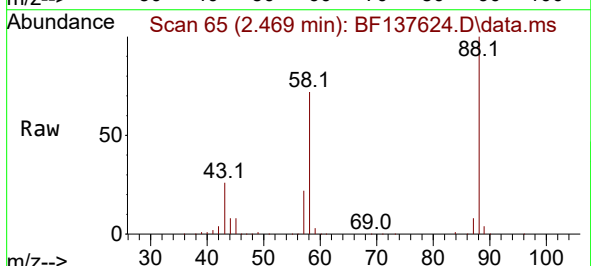
APPROVED

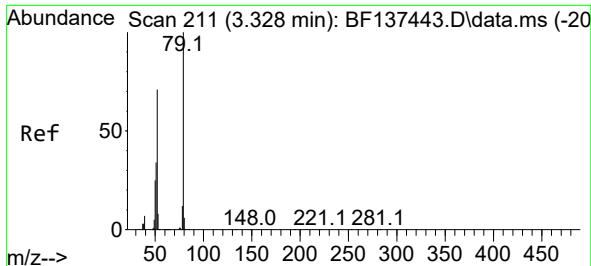
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#2
1,4-Dioxane
Concen: 35.724 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.100 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion: 88 Resp: 241653
Ion Ratio Lower Upper
88 100
58 73.9 61.8 92.8
43 25.2 22.2 33.4





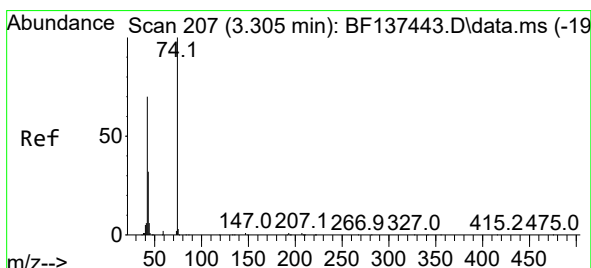
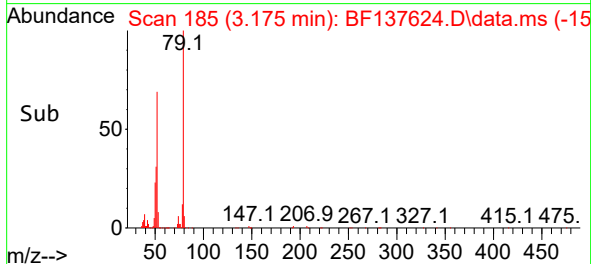
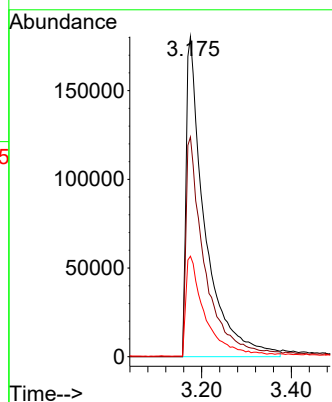
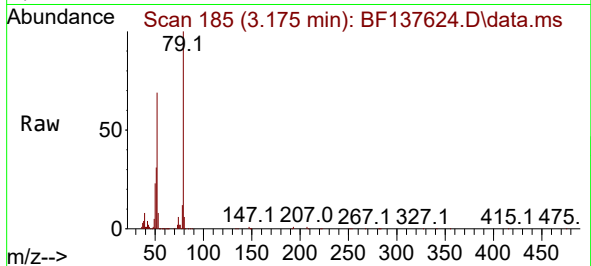
#3
Pyridine
Concen: 31.959 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.106 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB159612BS

Tgt Ion: 79 Resp: 52138
Ion Ratio Lower Upper
79 100
52 68.7 57.0 85.4
51 31.4 27.5 41.3

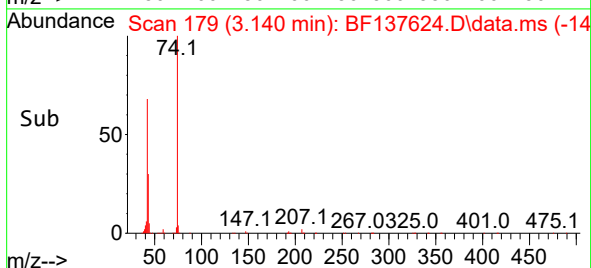
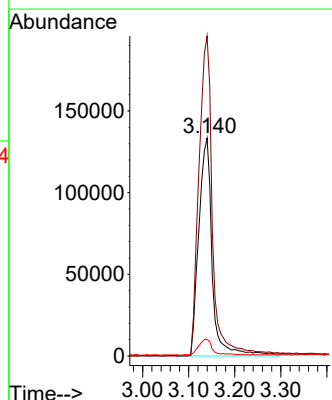
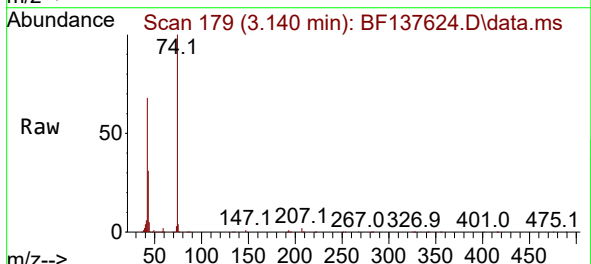
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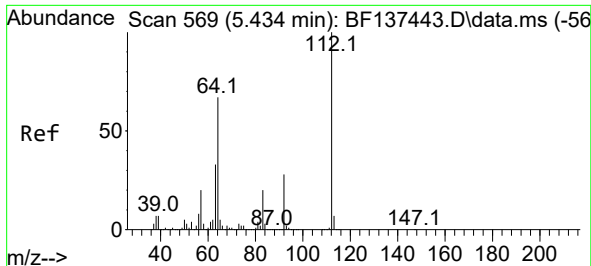
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#4
n-Nitrosodimethylamine
Concen: 41.617 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.100 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion: 42 Resp: 271394
Ion Ratio Lower Upper
42 100
74 146.9 114.0 171.0
44 7.5 7.0 10.4





#5
2-Fluorophenol
Concen: 124.553 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

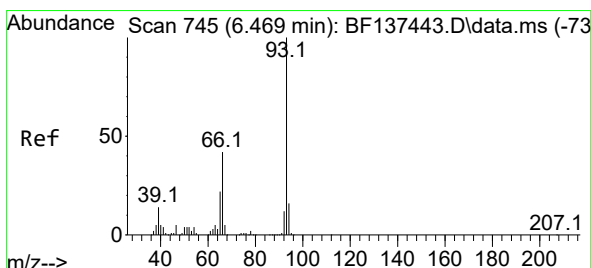
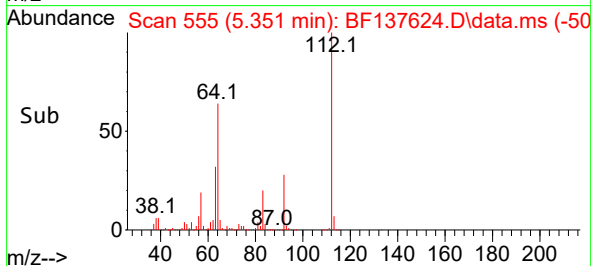
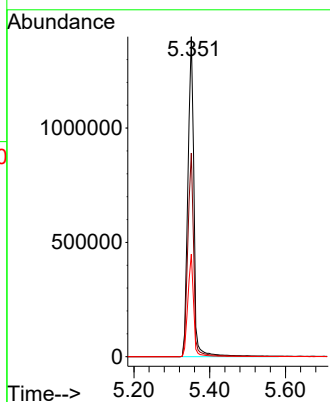
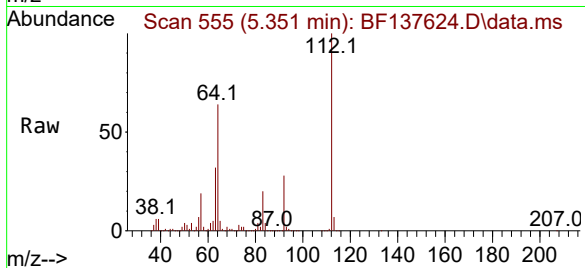
PB159612BS

Tgt Ion:112 Resp: 154088
Ion Ratio Lower Upper
112 100
64 63.7 53.4 80.2
63 32.1 26.2 39.2

Manual Integrations

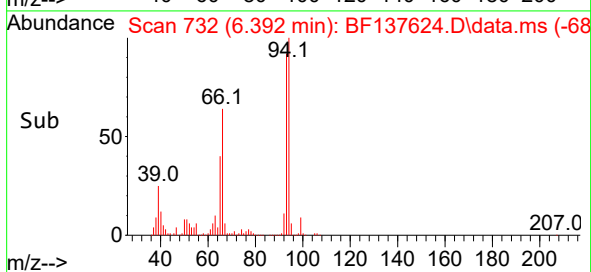
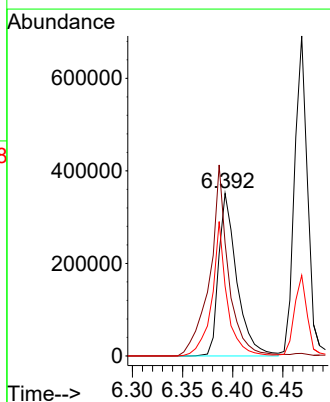
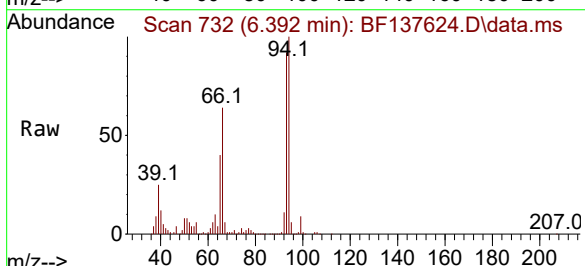
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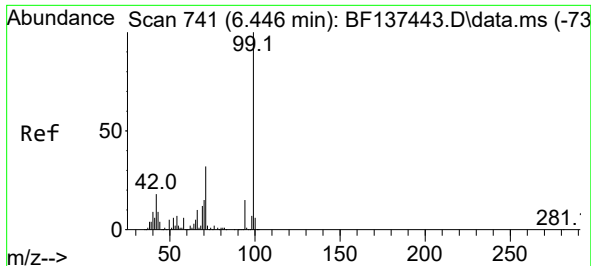
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#6
Aniline
Concen: 20.278 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion: 93 Resp: 442471
Ion Ratio Lower Upper
93 100
66 69.5 34.0 51.0#
65 43.0 17.8 26.8#





#7

Phenol-d6

Concen: 115.017 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

Tgt Ion: 99 Resp: 205393

Ion Ratio Lower Upper

99 100

42 17.6 14.6 21.8

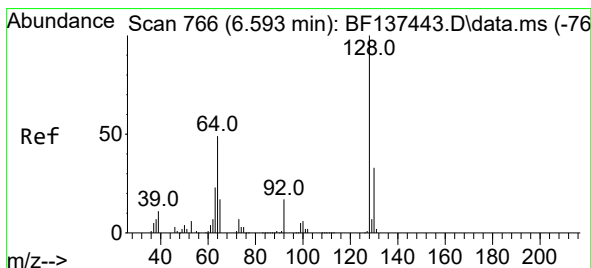
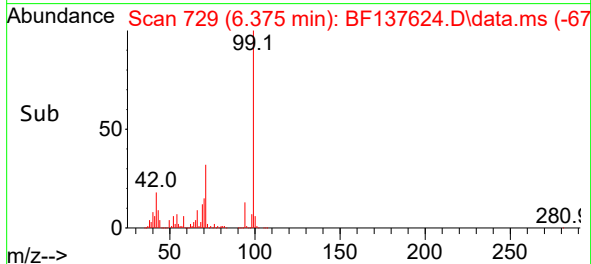
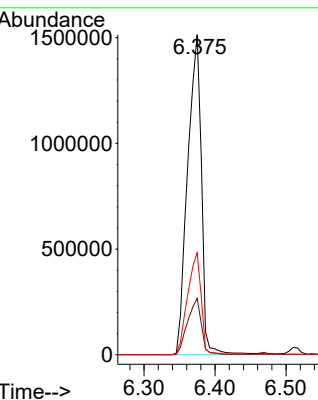
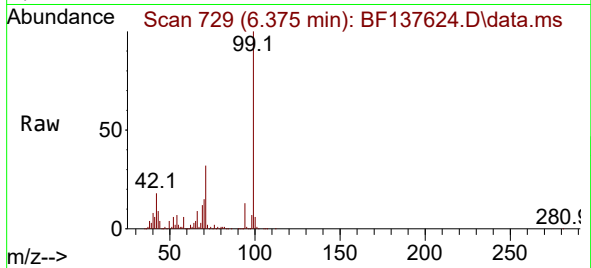
71 31.8 25.3 37.9

Manual Integrations

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Supervised By :mohammad ahmed 03/19/2024



#8

2-Chlorophenol

Concen: 45.950 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF137624.D

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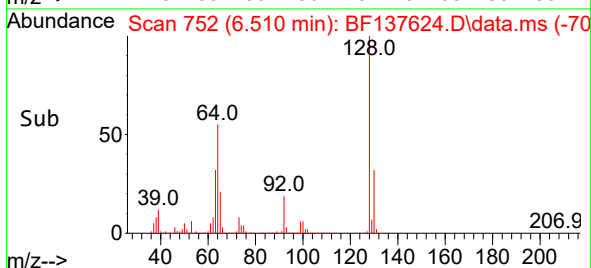
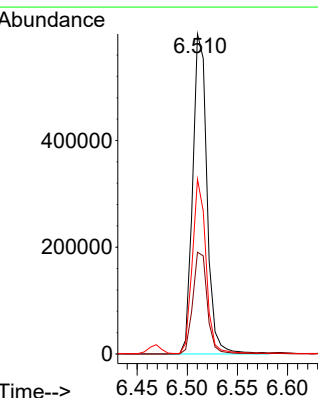
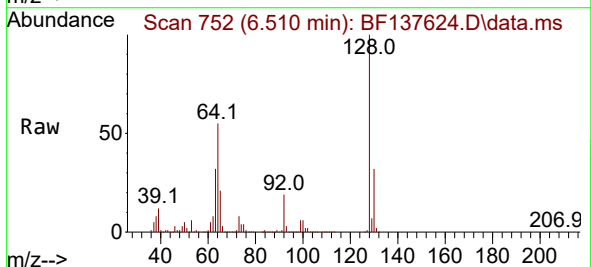
Tgt Ion:128 Resp: 599588

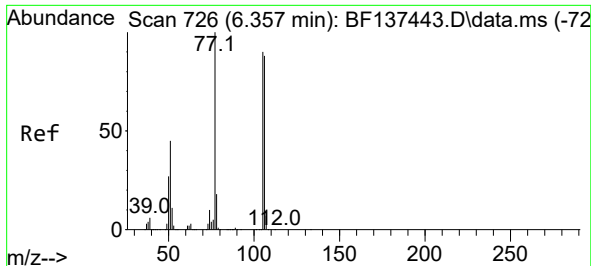
Ion Ratio Lower Upper

128 100

130 31.8 13.4 53.4

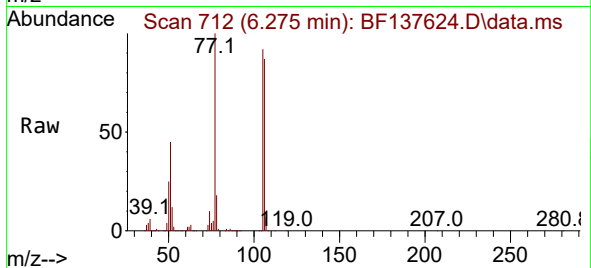
64 54.7 30.0 70.0





#9
Benzaldehyde
Concen: 34.819 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

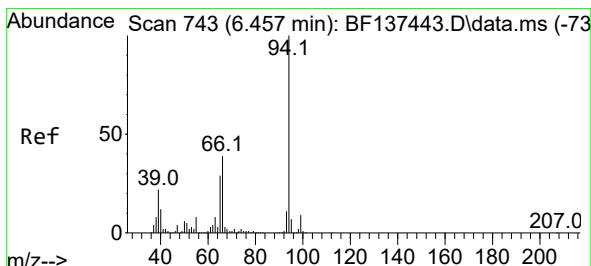
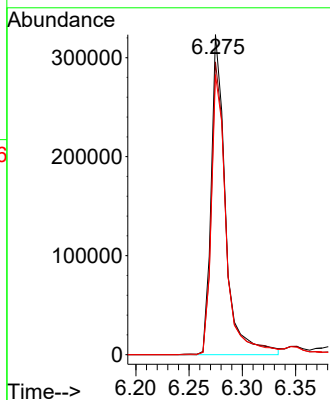
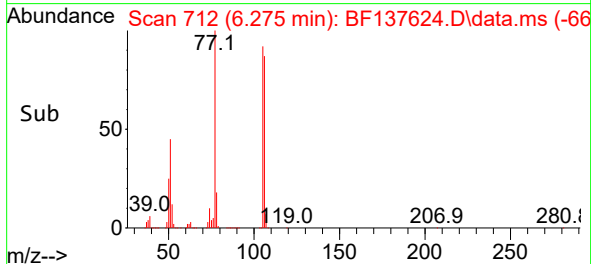
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BNA_F
ClientSampleId :
PB159612BS



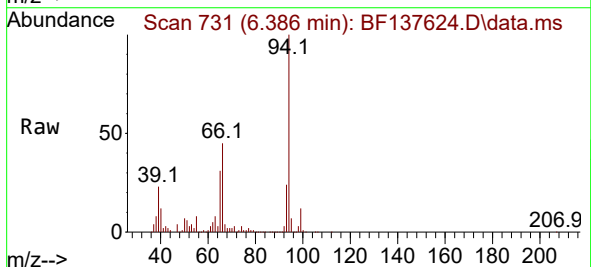
Tgt Ion: 77 Resp: 30461
Ion Ratio Lower Upper
77 100
105 91.5 69.8 109.8
106 87.5 67.8 107.8

Manual Integrations
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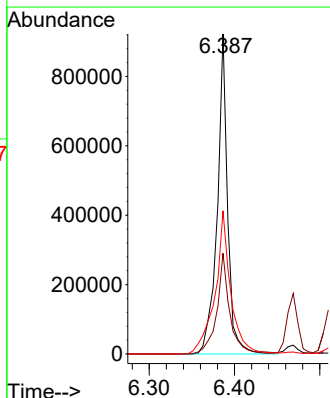
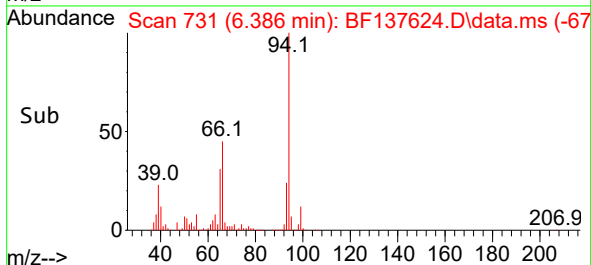
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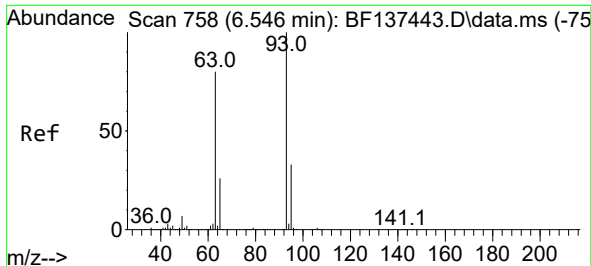


#10
Phenol
Concen: 41.203 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



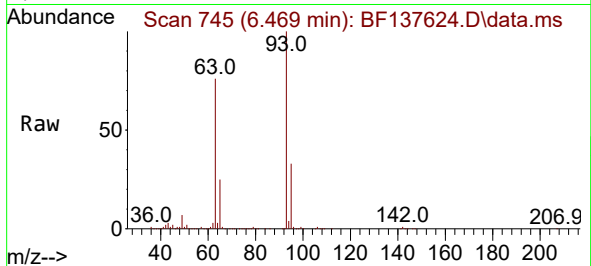
Tgt Ion: 94 Resp: 791949
Ion Ratio Lower Upper
94 100
65 31.5 8.7 48.7
66 44.7 18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 44.240 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

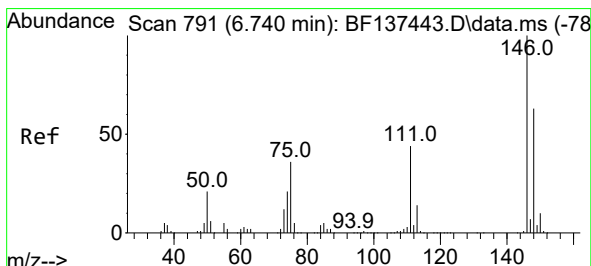
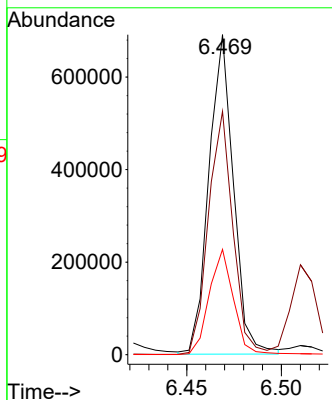
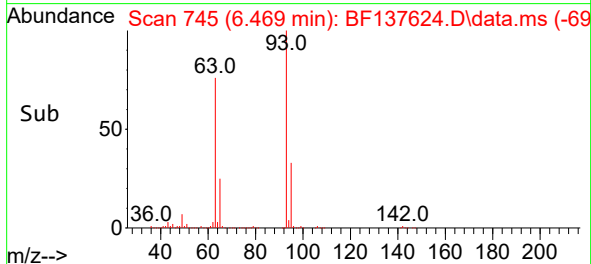
Instrument :
BNA_F
ClientSampleId :
PB159612BS



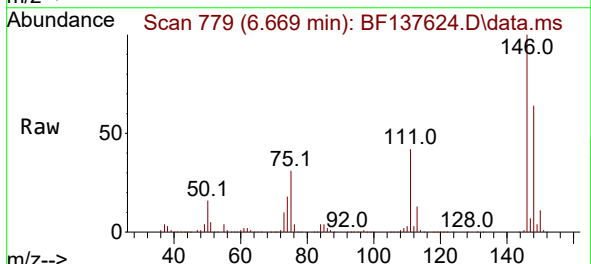
Tgt Ion: 93 Resp: 62311
Ion Ratio Lower Upper
93 100
63 76.0 58.9 98.9
95 32.9 12.2 52.2

Manual Integrations
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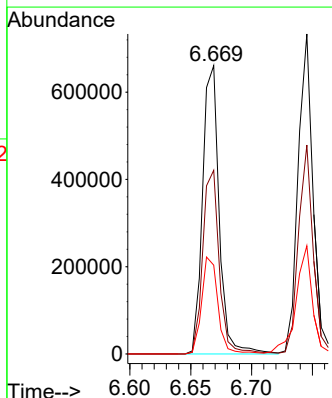
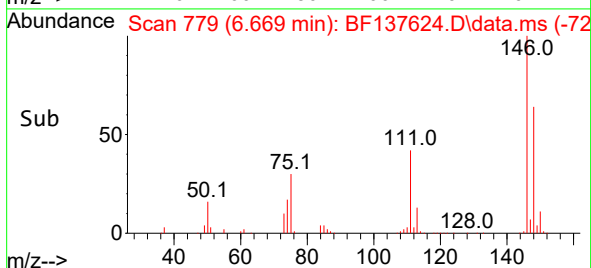
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

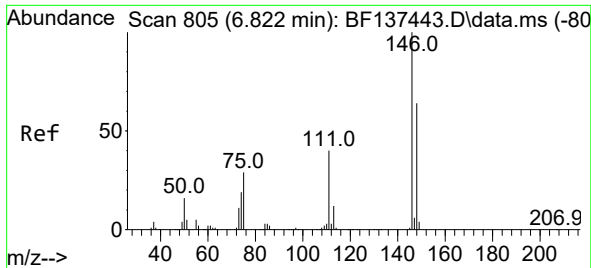


#12
1,3-Dichlorobenzene
Concen: 44.956 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



Tgt Ion:146 Resp: 626841
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
75 30.8 29.0 43.4





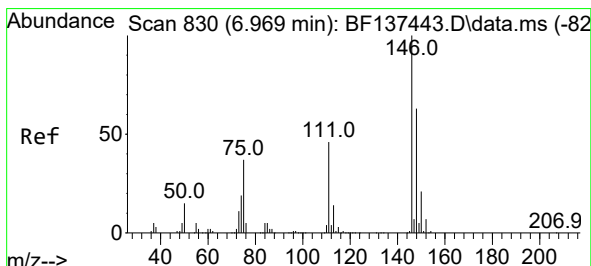
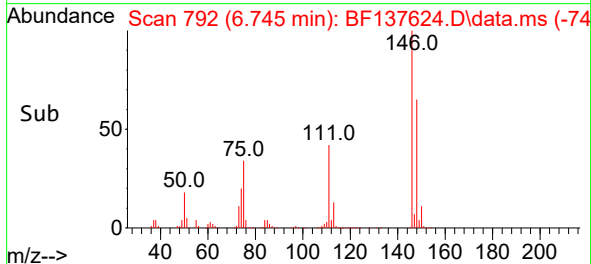
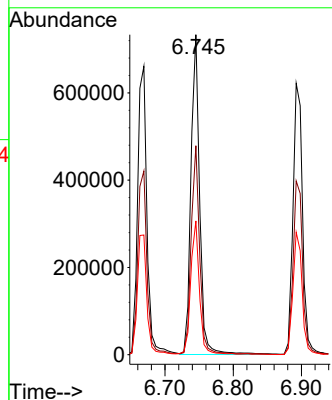
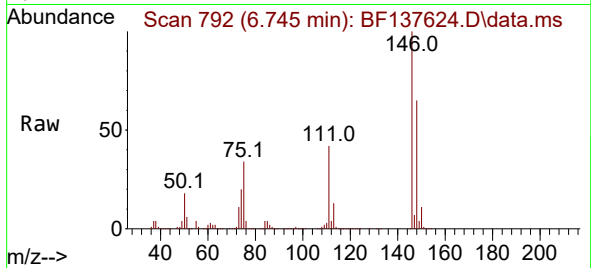
#13
1,4-Dichlorobenzene
Concen: 45.293 ng
RT: 6.745 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB159612BS

Tgt Ion:146 Resp: 646164
Ion Ratio Lower Upper
146 100
148 65.3 51.2 76.8
111 41.8 32.4 48.6

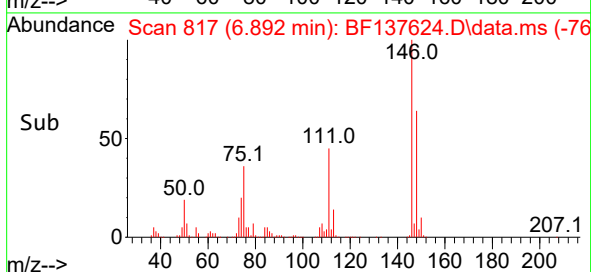
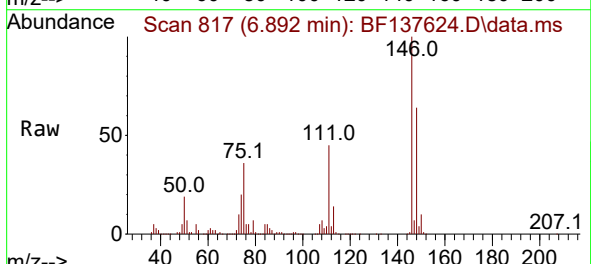
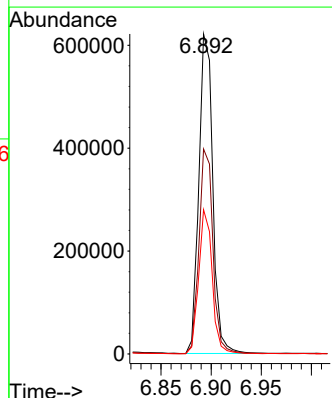
Manual Integrations
APPROVED

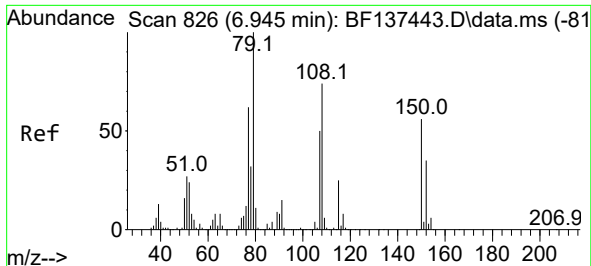
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#14
1,2-Dichlorobenzene
Concen: 46.015 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

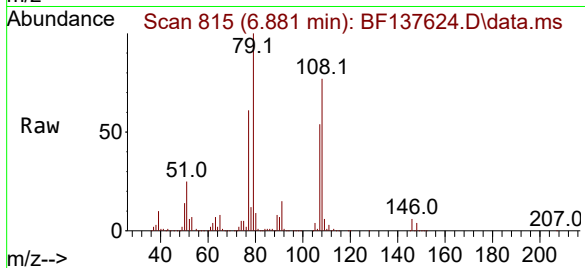
Tgt Ion:146 Resp: 602538
Ion Ratio Lower Upper
146 100
148 64.0 50.0 75.0
111 45.1 36.8 55.2





#15
Benzyl Alcohol
Concen: 47.362 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

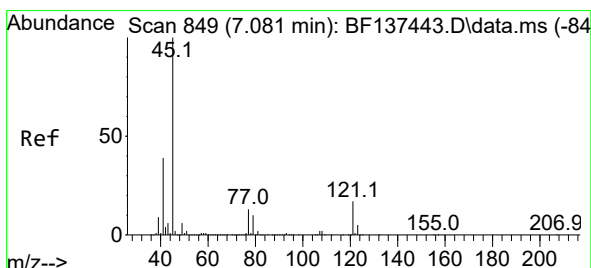
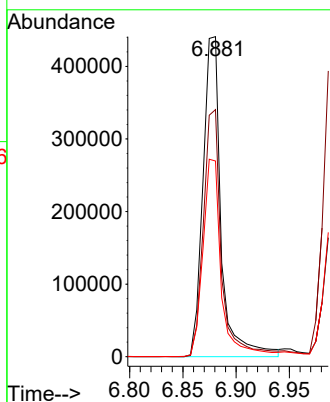
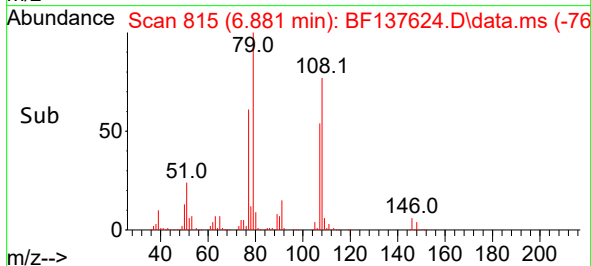
Instrument :
BNA_F
ClientSampleId :
PB159612BS



Tgt Ion: 79 Resp: 52653
Ion Ratio Lower Upper
79 100
108 77.2 59.5 89.3
77 61.1 50.0 75.0

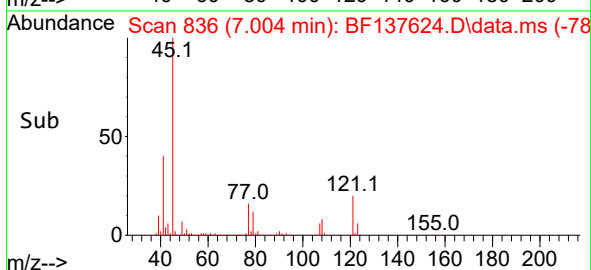
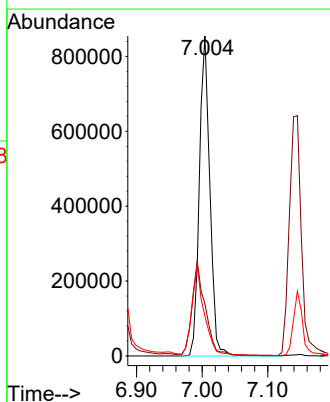
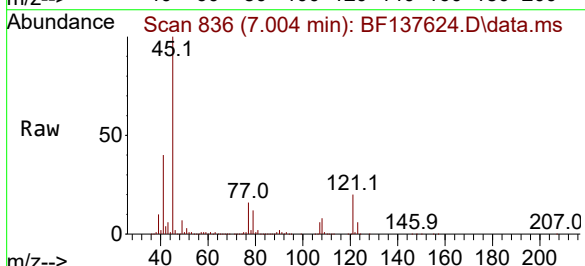
Manual Integrations
APPROVED

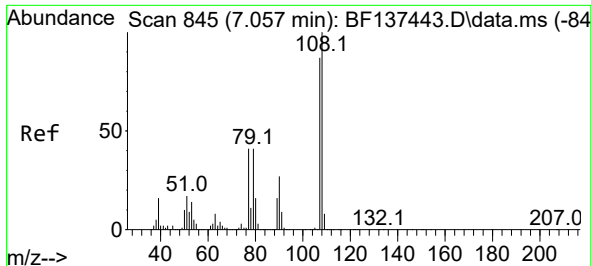
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.373 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

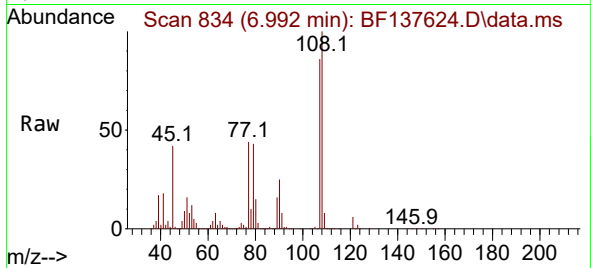
Tgt Ion: 45 Resp: 953257
Ion Ratio Lower Upper
45 100
77 16.4 0.0 33.4
79 12.4 0.0 30.9





#17
2-Methylphenol
Concen: 40.266 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

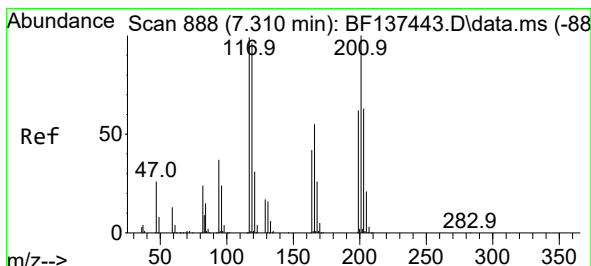
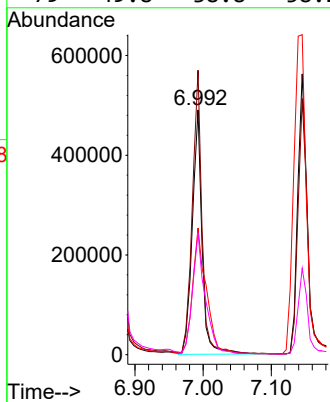
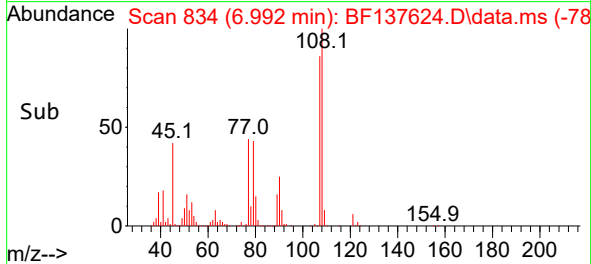
Instrument :
BNA_F
ClientSampleId :
PB159612BS



Tgt Ion:107 Resp: 491648
Ion Ratio Lower Upper
107 100
108 116.2 92.2 138.4
77 51.7 38.6 57.8
79 49.8 38.8 58.2

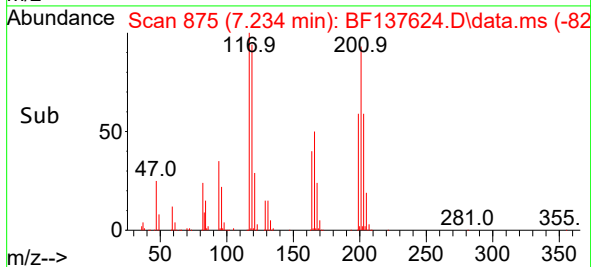
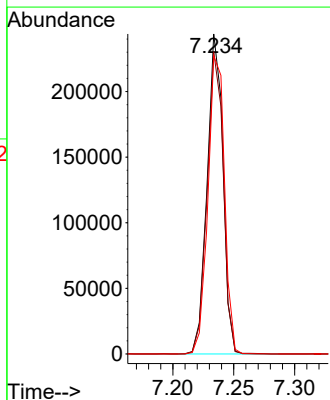
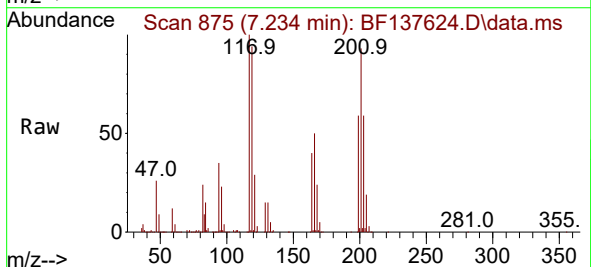
Manual Integrations
APPROVED

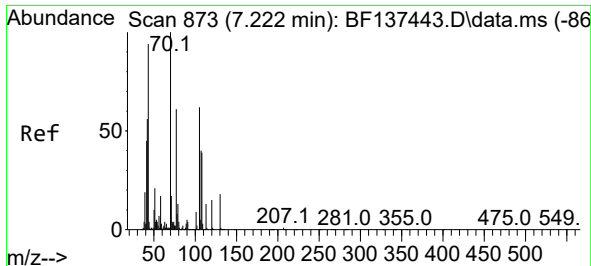
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#18
Hexachloroethane
Concen: 47.054 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

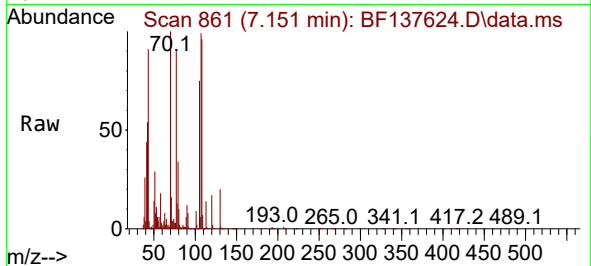
Tgt Ion:117 Resp: 221035
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
201 93.2 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 39.990 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

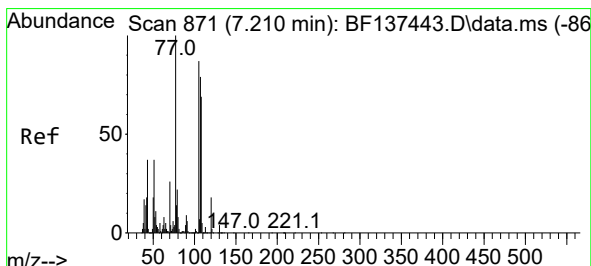
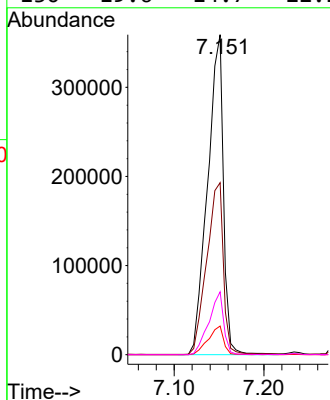
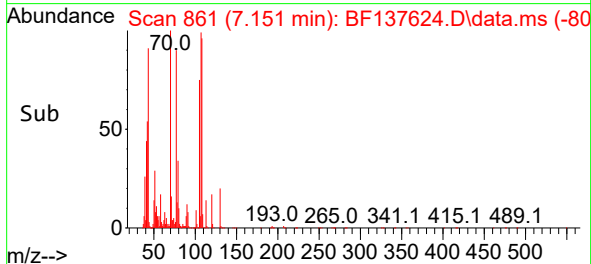
Instrument :
BNA_F
ClientSampleId :
PB159612BS



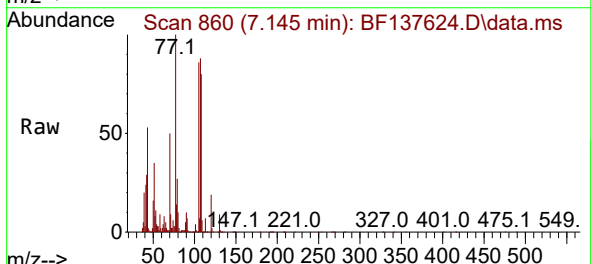
Tgt Ion: 70 Resp: 440989
Ion Ratio Lower Upper
70 100
42 53.8 45.2 67.8
101 9.0 7.3 10.9
130 19.6 14.7 22.1

Manual Integrations
APPROVED

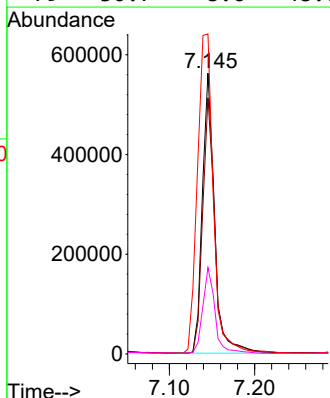
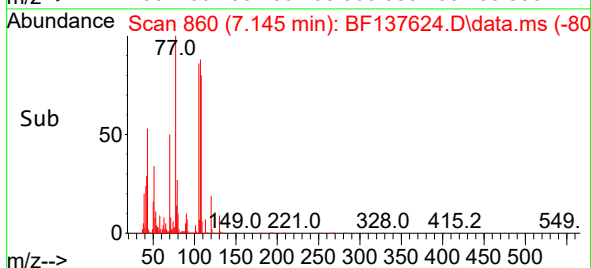
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

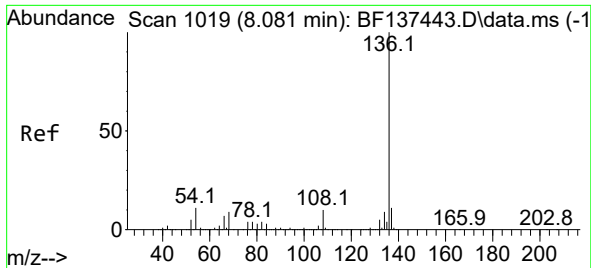


#20
3+4-Methylphenols
Concen: 39.797 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



Tgt Ion:107 Resp: 556516
Ion Ratio Lower Upper
107 100
108 91.2 67.6 107.6
77 113.9 107.1 147.1
79 30.7 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

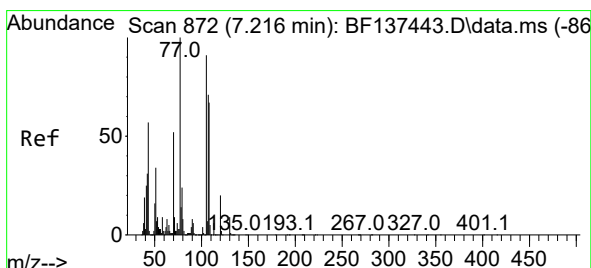
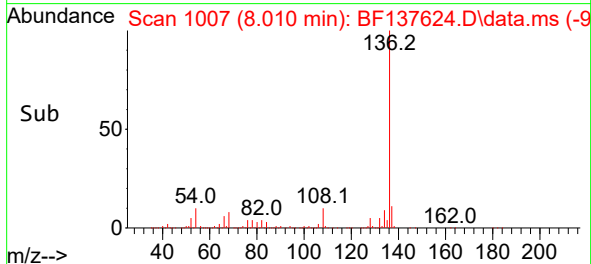
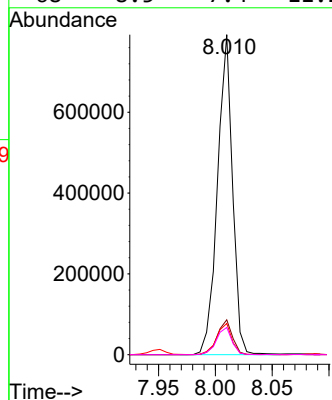
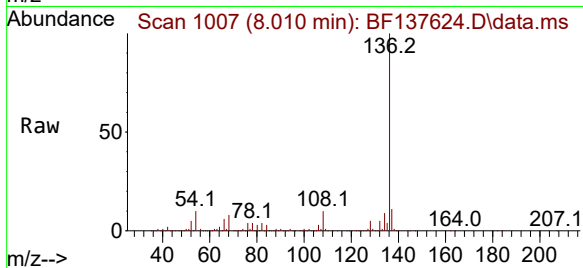
PB159612BS

Tgt Ion:136 Resp: 732739
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.7 8.5 12.7
68 8.5 7.4 11.2

Manual Integrations

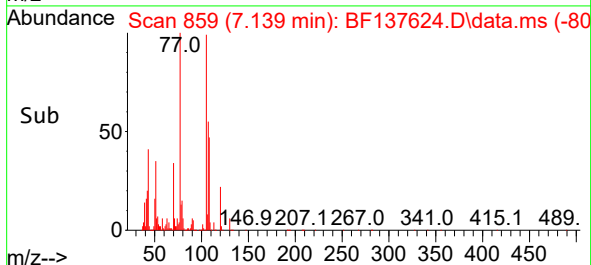
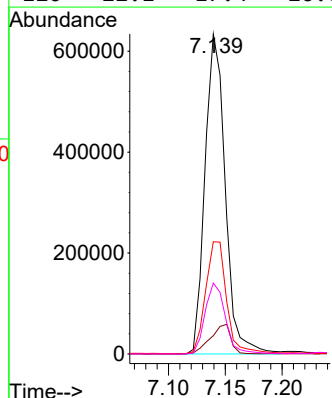
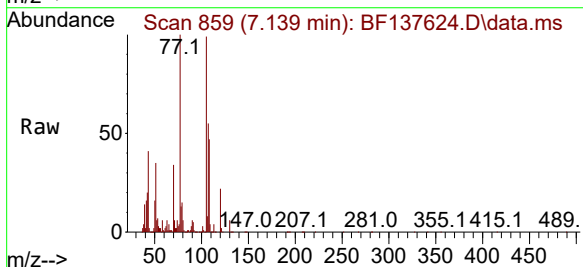
APPROVED

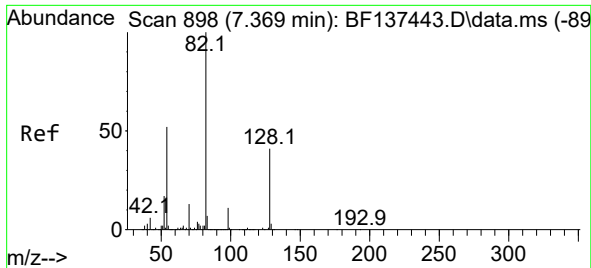
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#22
Acetophenone
Concen: 44.380 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

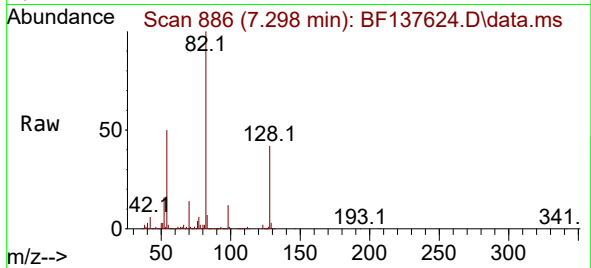
Tgt Ion:105 Resp: 786801
Ion Ratio Lower Upper
105 100
71 5.7 7.7 11.5#
51 35.0 30.4 45.6
120 22.1 17.4 26.0





#23
Nitrobenzene-d5
Concen: 81.017 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

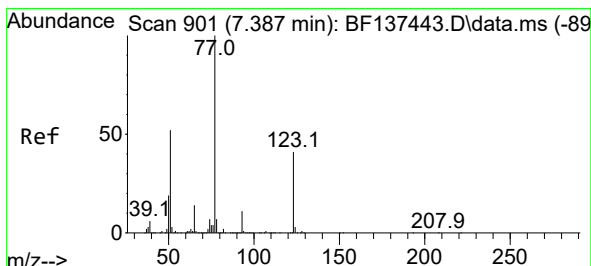
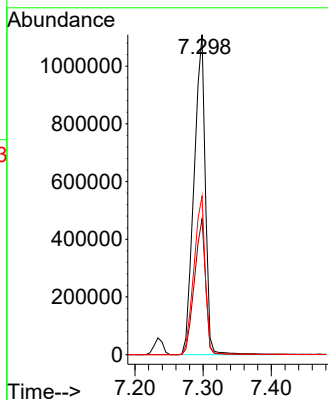
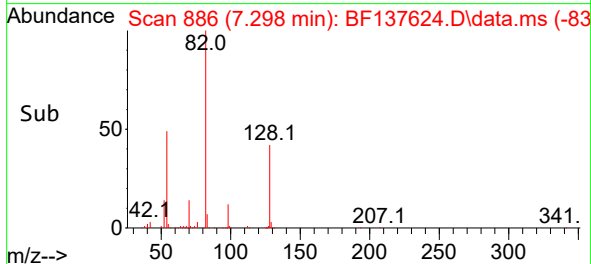
Instrument :
BNA_F
ClientSampleId :
PB159612BS



Tgt Ion: 82 Resp: 1277639
Ion Ratio Lower Upper
82 100
128 42.4 32.5 48.7
54 49.5 41.5 62.3

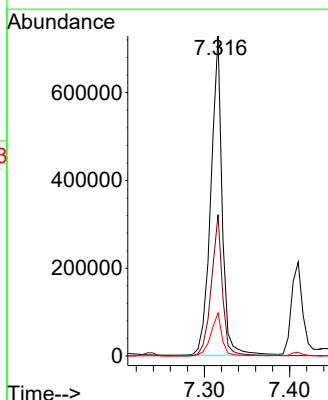
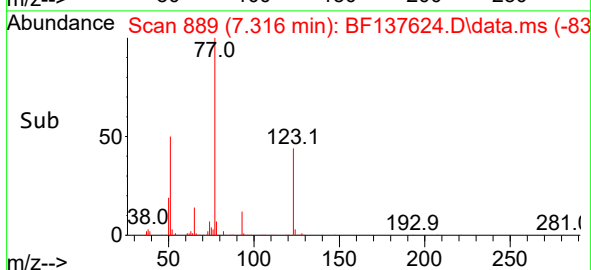
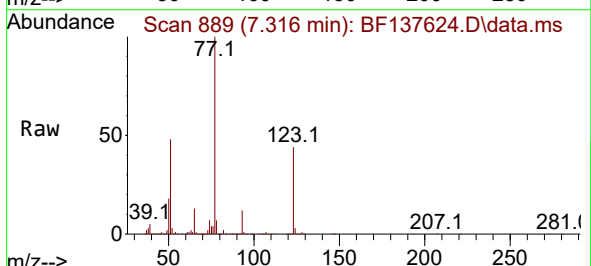
Manual Integrations
APPROVED

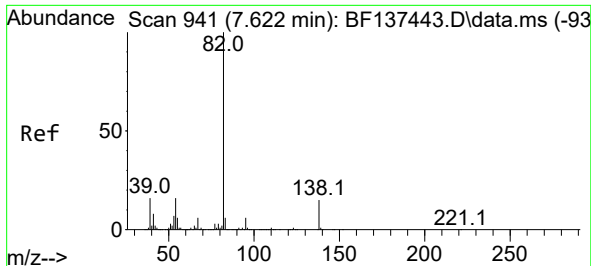
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#24
Nitrobenzene
Concen: 42.532 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion: 77 Resp: 673786
Ion Ratio Lower Upper
77 100
123 44.1 33.0 49.6
65 13.4 10.9 16.3





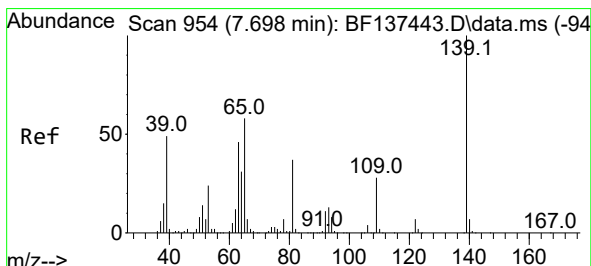
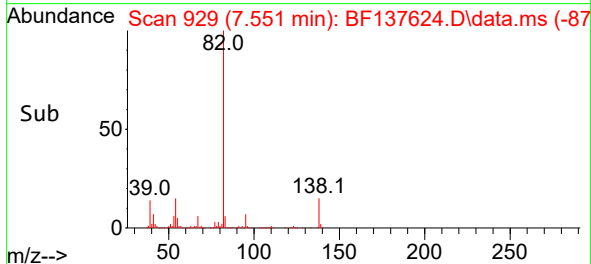
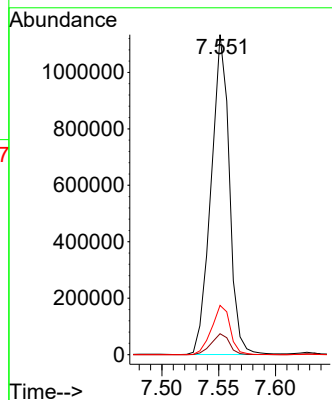
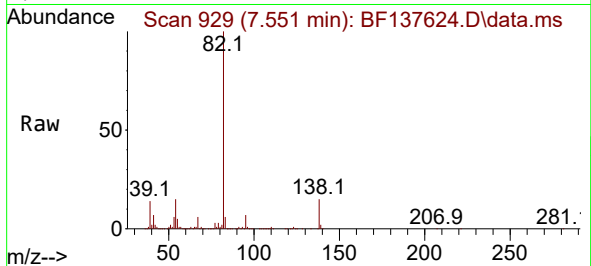
#25
Isophorone
Concen: 42.308 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB159612BS

Tgt Ion: 82 Resp: 126756
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.4 11.8 17.8

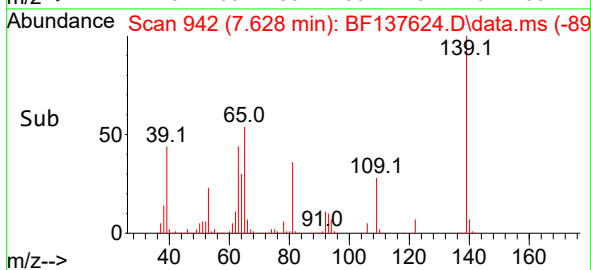
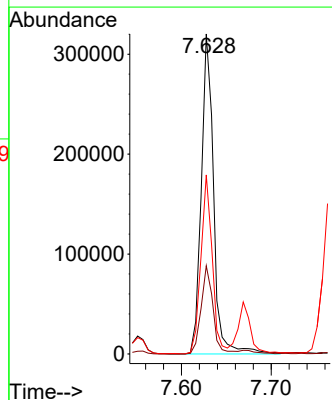
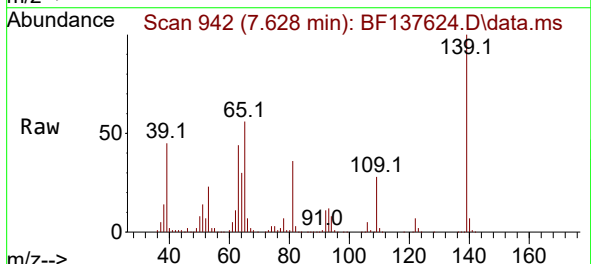
Manual Integrations
APPROVED

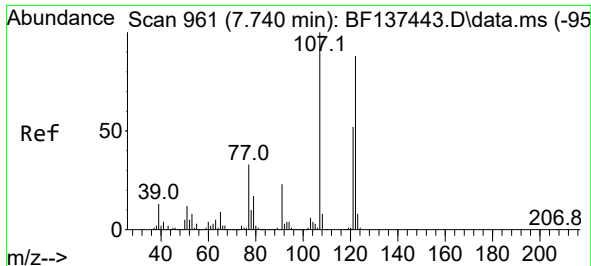
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#26
2-Nitrophenol
Concen: 48.541 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:139 Resp: 305291
Ion Ratio Lower Upper
139 100
109 27.6 22.2 33.4
65 56.0 46.2 69.2





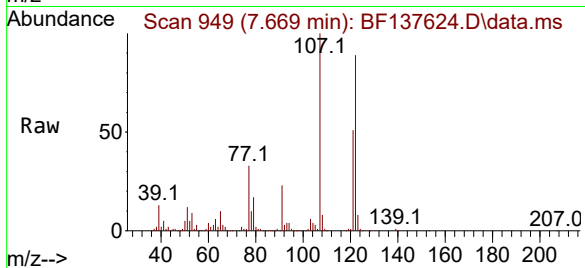
#27
2,4-Dimethylphenol
Concen: 37.740 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

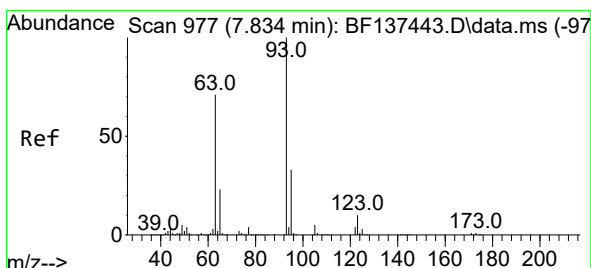
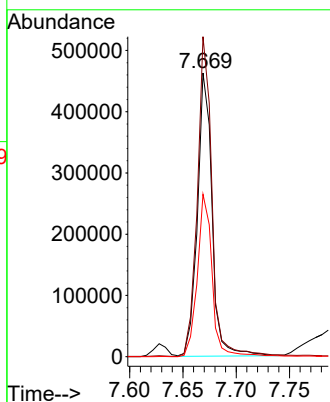
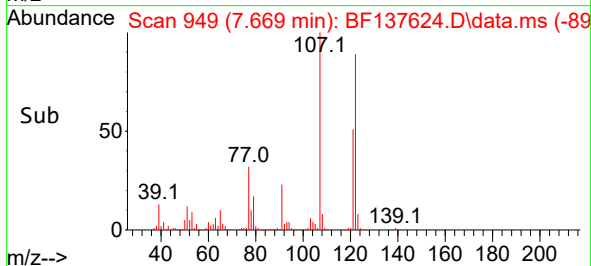


Tgt Ion:122 Resp: 443519
Ion Ratio Lower Upper
122 100
107 112.8 90.9 136.3
121 57.3 47.0 70.6

Manual Integrations

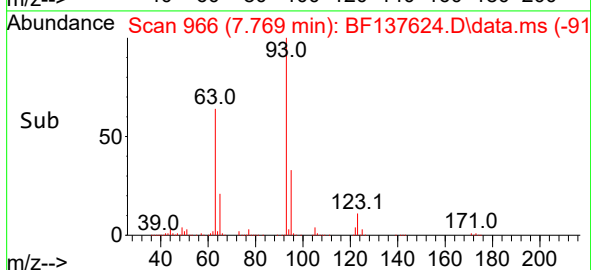
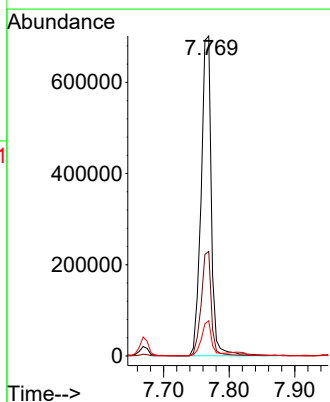
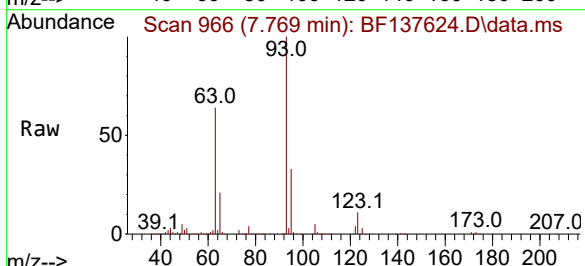
APPROVED

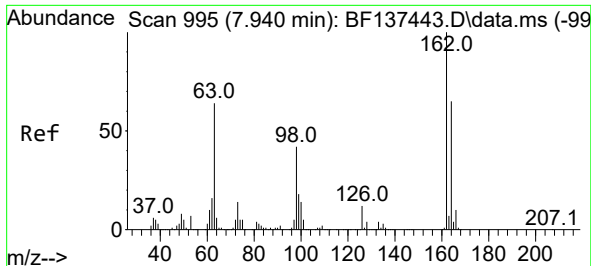
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.501 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion: 93 Resp: 764689
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 44.771 ng

RT: 7.869 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

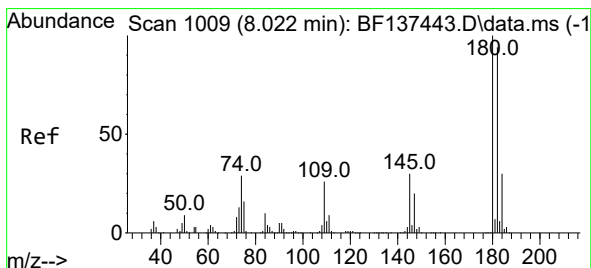
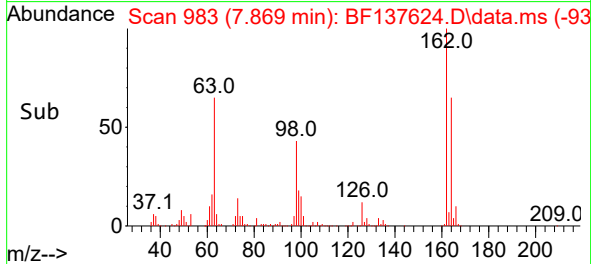
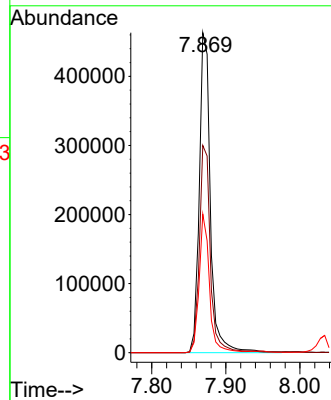
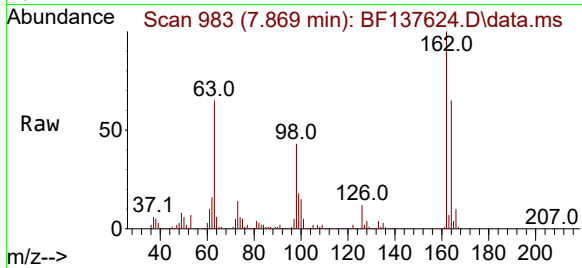
PB159612BS

Tgt Ion:162 Resp: 482880
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.7 84.7
 98 43.3 22.0 62.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
 Supervised By :mohammad ahmed 03/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.414 ng

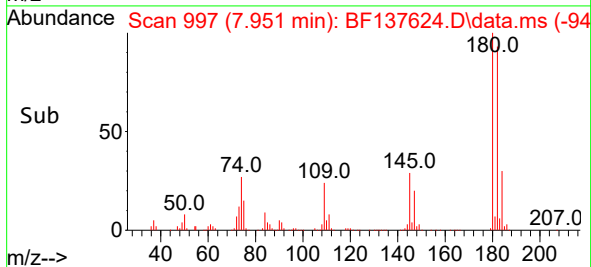
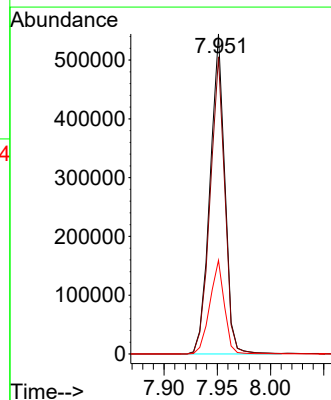
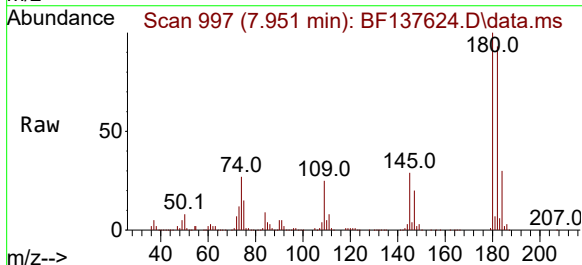
RT: 7.951 min Scan# 997

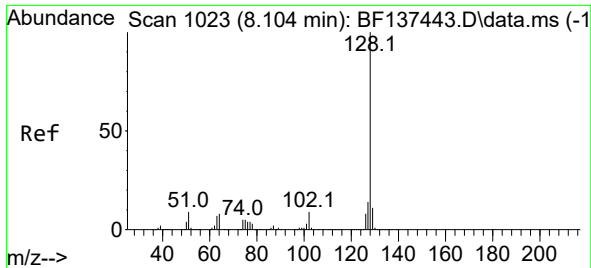
Delta R.T. -0.000 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Tgt Ion:180 Resp: 526815
 Ion Ratio Lower Upper
 180 100
 182 92.9 75.0 112.6
 145 29.2 23.7 35.5





#31
Naphthalene
Concen: 42.689 ng
RT: 8.033 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

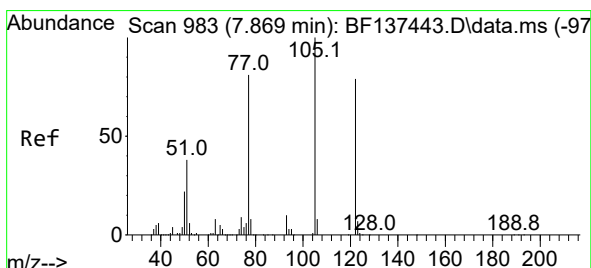
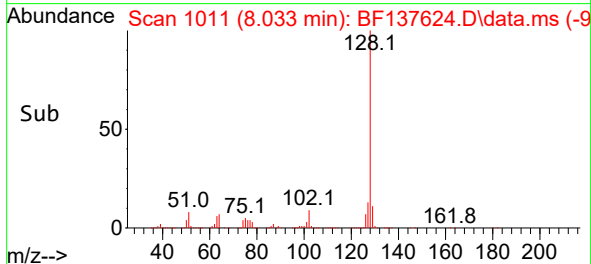
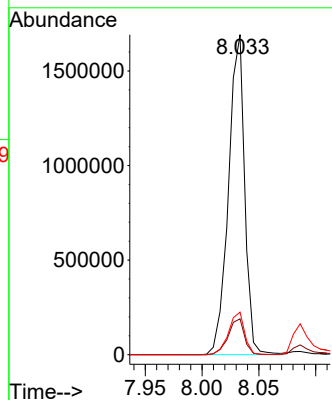
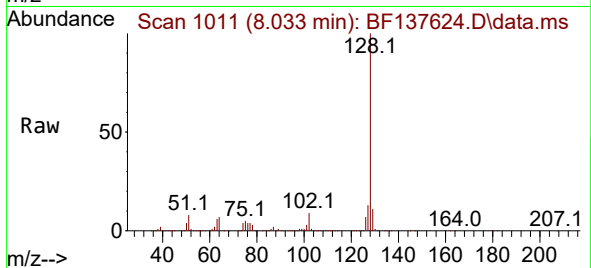
PB159612BS

Tgt Ion:128 Resp: 1678290
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.8 16.2

Manual Integrations

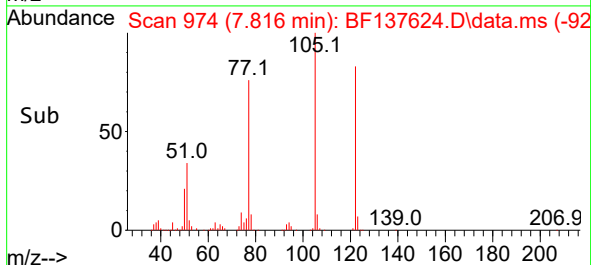
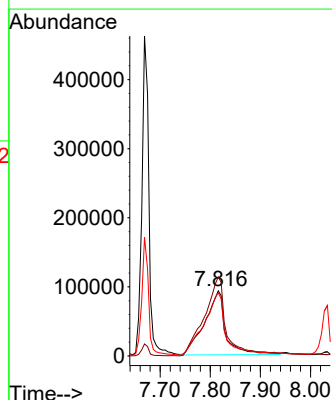
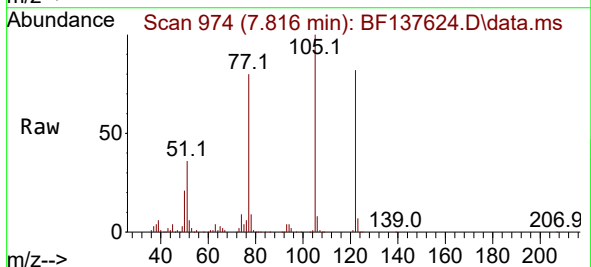
APPROVED

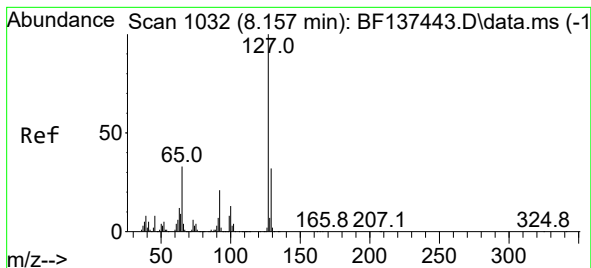
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#32
Benzoic acid
Concen: 41.250 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.017 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:122 Resp: 272272
Ion Ratio Lower Upper
122 100
105 121.4 102.4 142.4
77 96.8 81.1 121.1





#33

4-Chloroaniline

Concen: 13.253 ng

RT: 8.086 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

Tgt Ion:127 Resp: 20430

Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

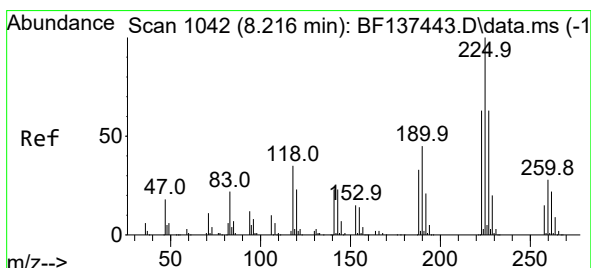
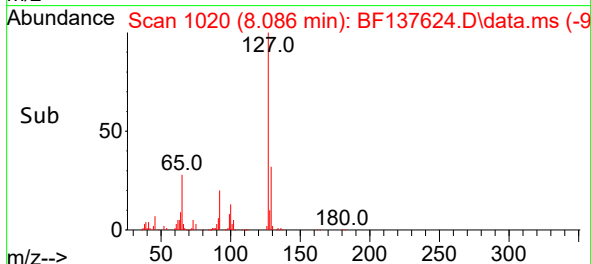
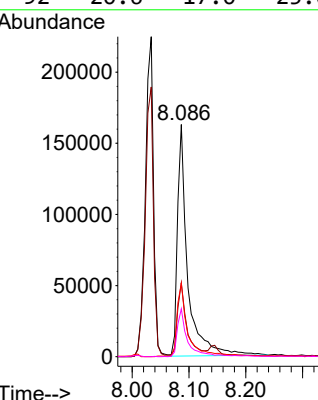
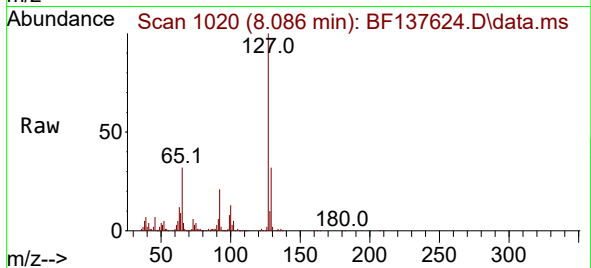
65 31.6 26.8 40.2

92 20.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#34

Hexachlorobutadiene

Concen: 45.808 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

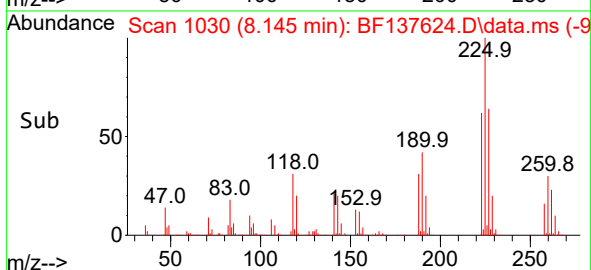
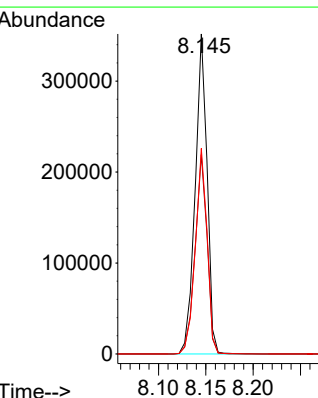
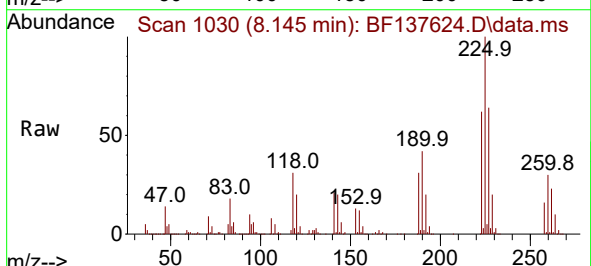
Tgt Ion:225 Resp: 306957

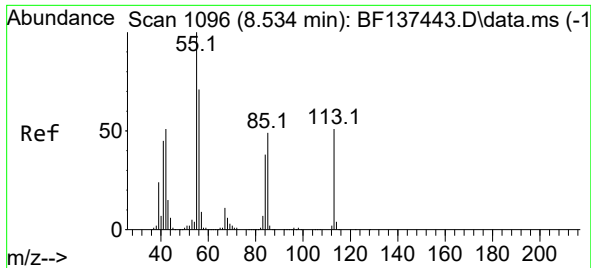
Ion Ratio Lower Upper

225 100

223 62.3 50.7 76.1

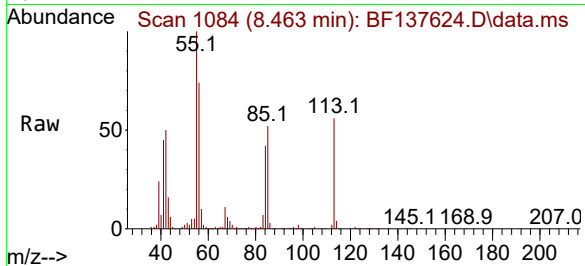
227 64.3 50.6 75.8





#35
Caprolactam
Concen: 44.814 ng m
RT: 8.463 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

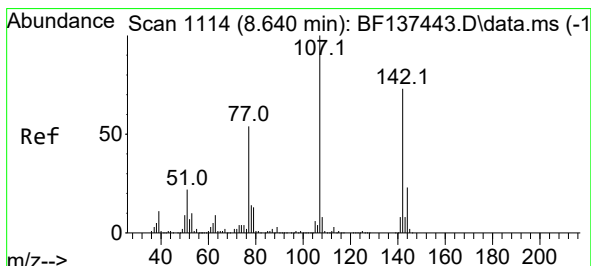
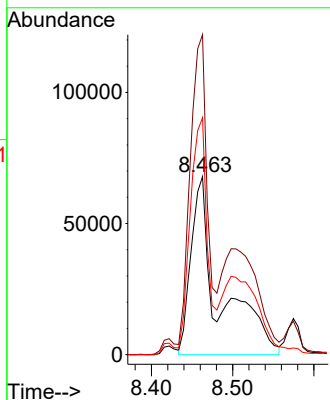
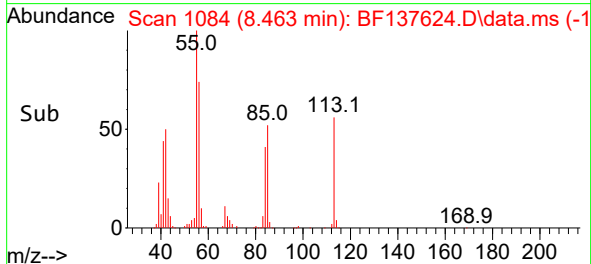
Instrument :
BNA_F
ClientSampleId :
PB159612BS



Tgt Ion:113 Resp: 163890
Ion Ratio Lower Upper
113 100
55 179.8 176.7 216.7
56 133.1 120.6 160.6

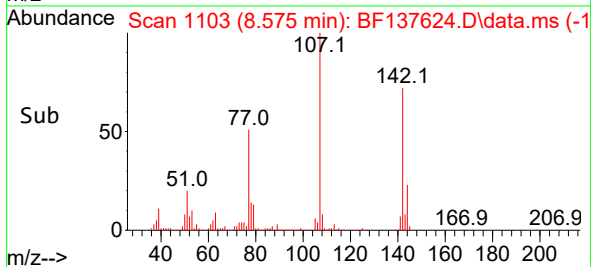
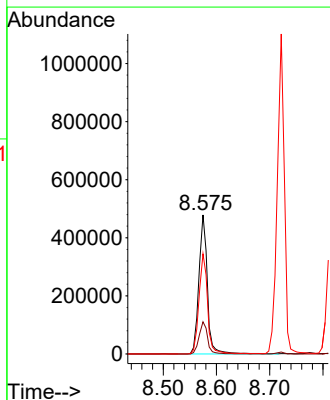
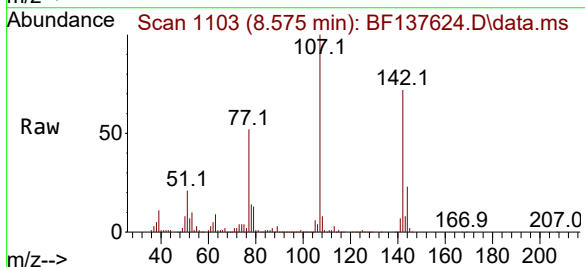
Manual Integrations
APPROVED

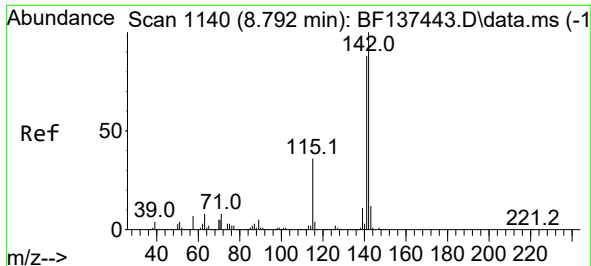
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#36
4-Chloro-3-methylphenol
Concen: 43.897 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

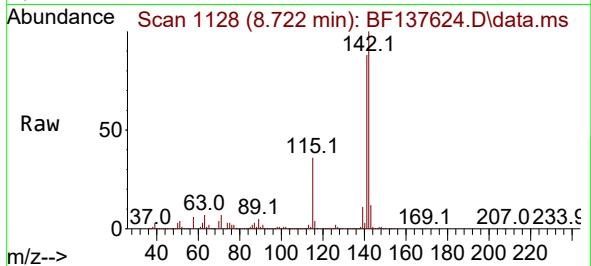
Tgt Ion:107 Resp: 529222
Ion Ratio Lower Upper
107 100
144 23.1 18.7 28.1
142 72.0 58.2 87.2





#37
2-Methylnaphthalene
Concen: 40.666 ng
RT: 8.722 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

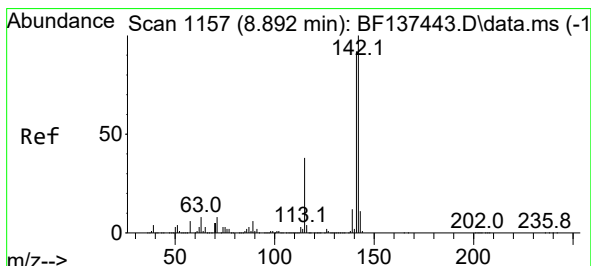
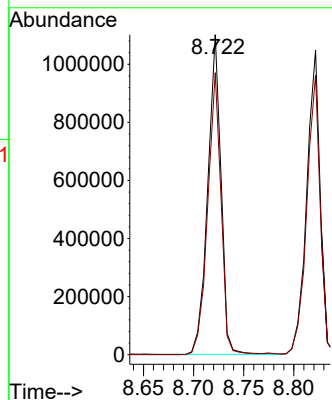
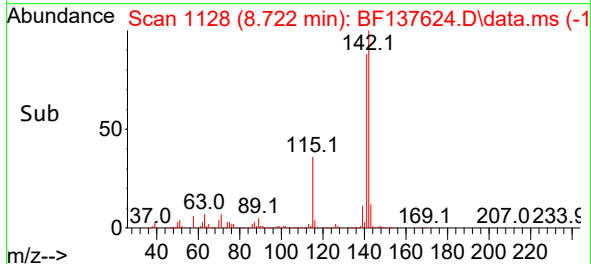
Instrument :
BNA_F
ClientSampleId :
PB159612BS



Tgt Ion:142 Resp: 1019180
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

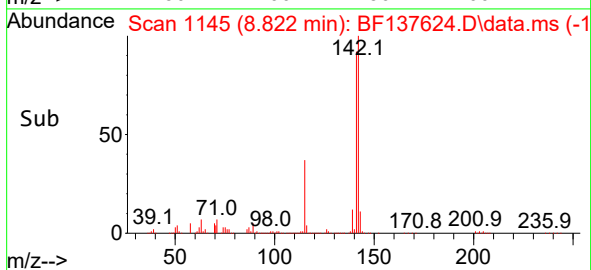
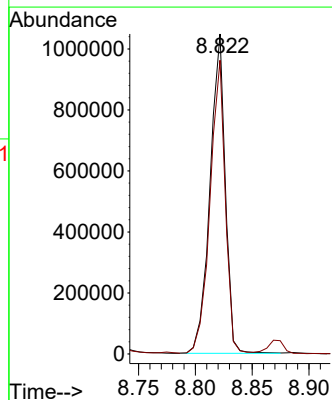
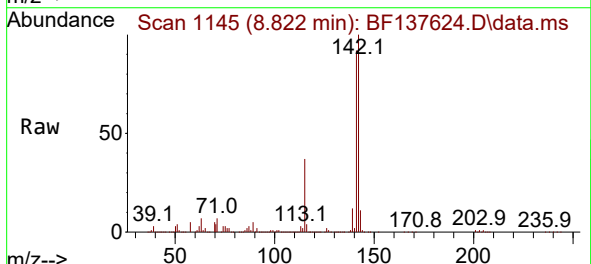
Manual Integrations
APPROVED

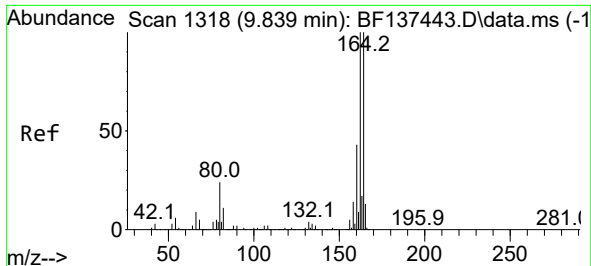
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#38
1-Methylnaphthalene
Concen: 41.352 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:142 Resp: 976001
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137624.D

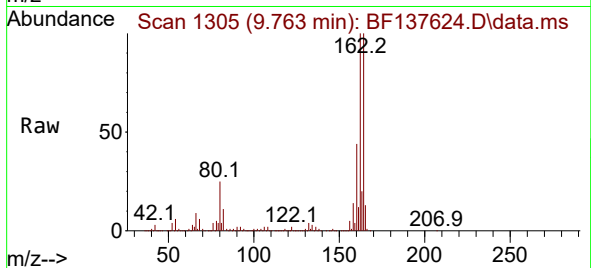
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS



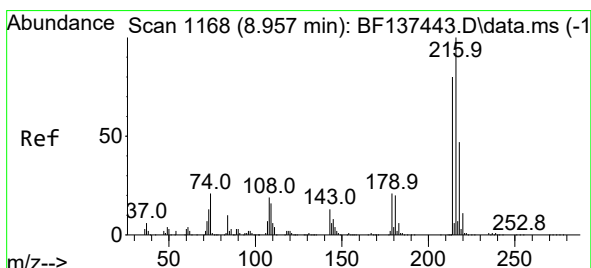
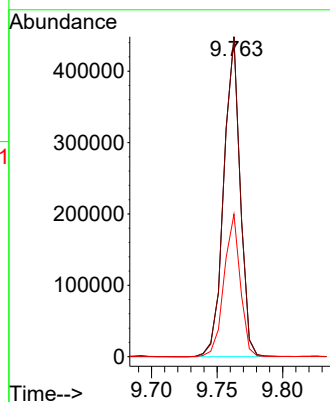
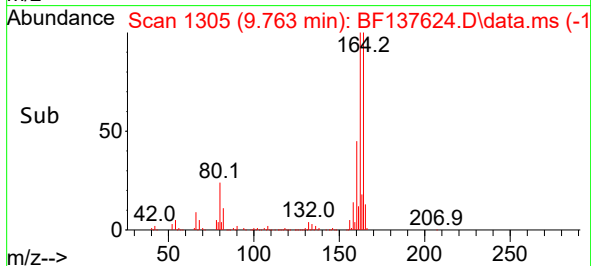
Tgt Ion:164 Resp: 38763

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.8	119.8
160	44.5	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.410 ng

RT: 8.886 min Scan# 1156

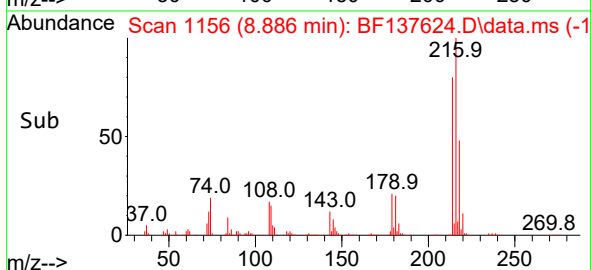
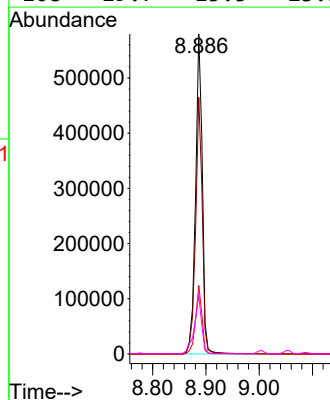
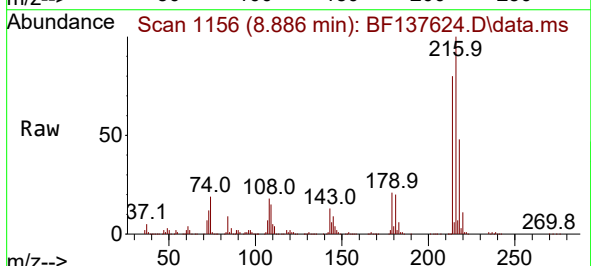
Delta R.T. -0.000 min

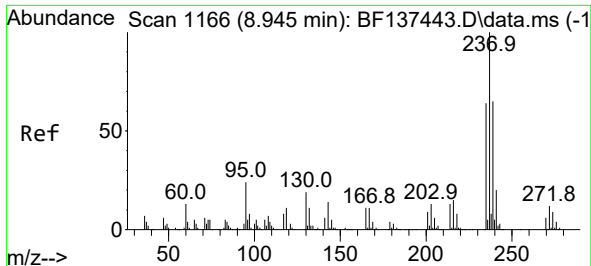
Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Tgt Ion:216 Resp: 513063

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.5	95.3
179	20.6	16.6	25.0
108	19.7	15.5	23.3





#41
Hexachlorocyclopentadiene
Concen: 85.006 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

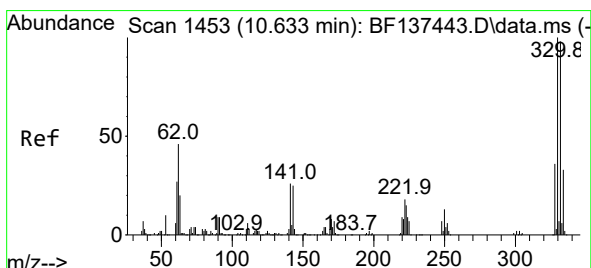
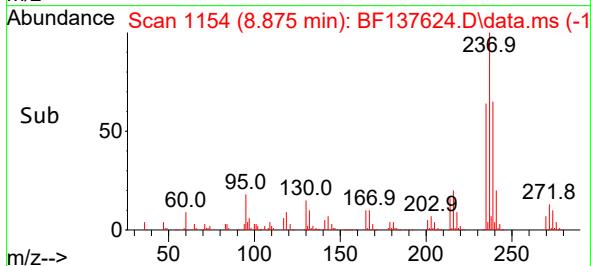
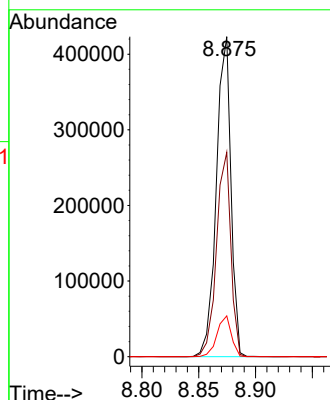
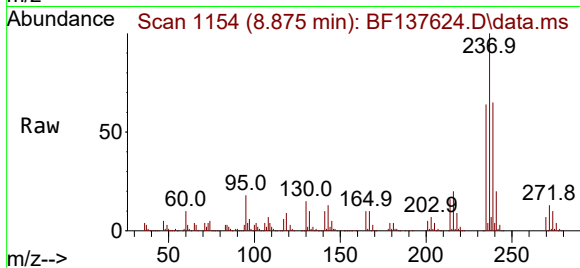
PB159612BS

Tgt Ion:237 Resp: 377952
Ion Ratio Lower Upper
237 100
235 63.9 43.6 83.6
272 12.7 0.0 31.9

Manual Integrations

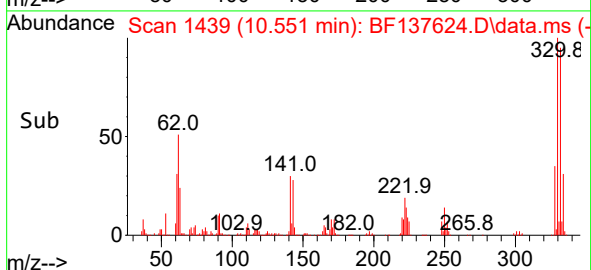
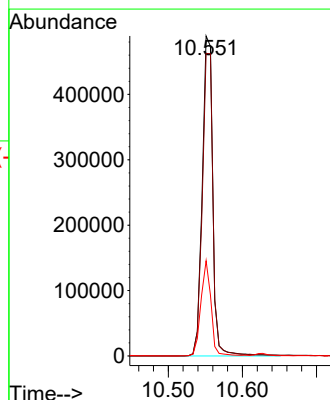
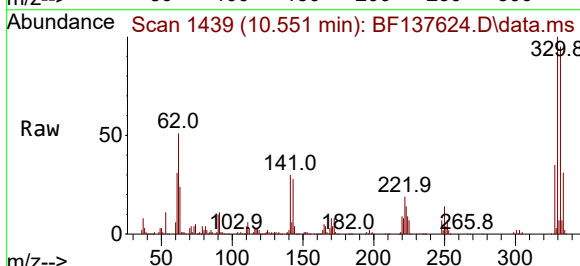
APPROVED

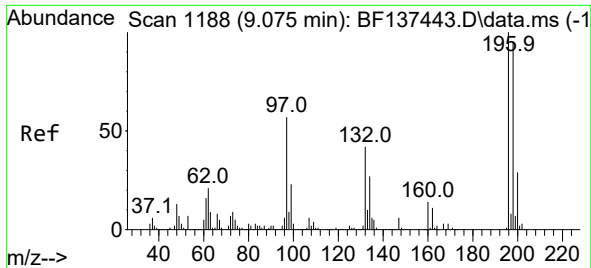
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#42
2,4,6-Tribromophenol
Concen: 141.497 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:330 Resp: 481671
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 28.7 27.3 40.9





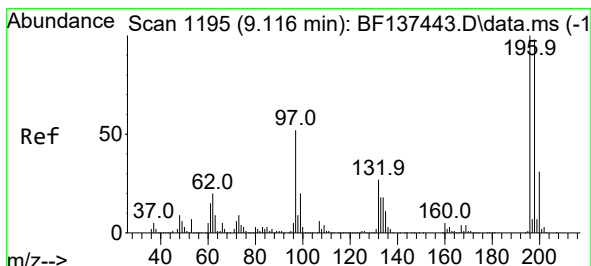
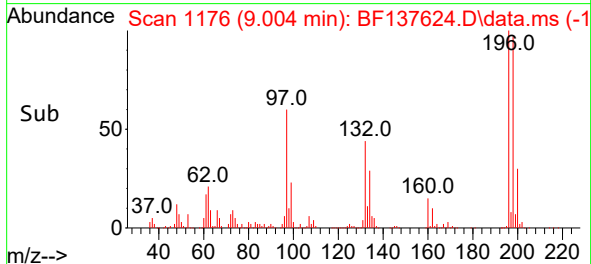
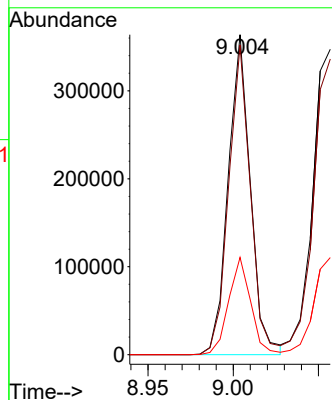
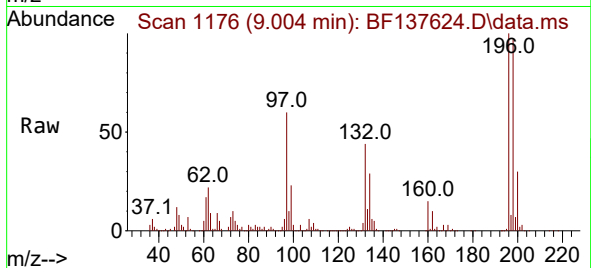
#43
2,4,6-Trichlorophenol
Concen: 46.670 ng
RT: 9.004 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB159612BS

Tgt Ion:196 Resp: 32889
Ion Ratio Lower Upper
196 100
198 96.8 75.8 113.8
200 30.4 23.5 35.3

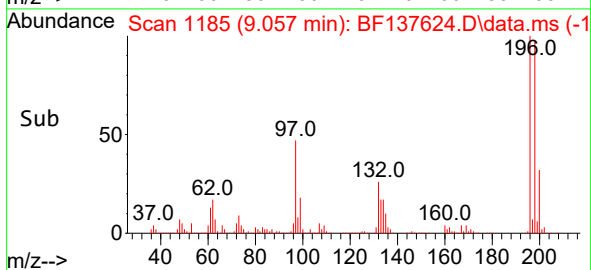
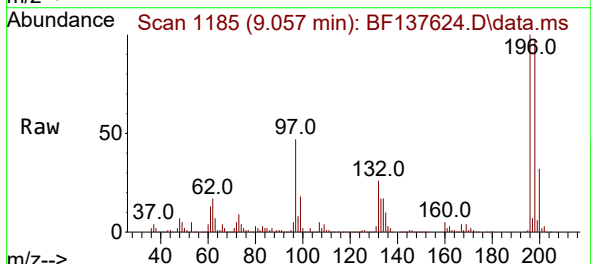
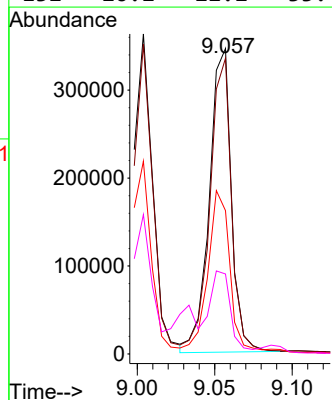
Manual Integrations
APPROVED

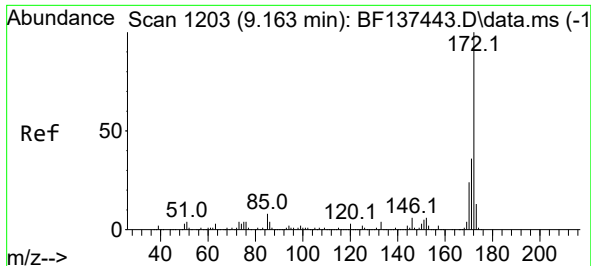
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#44
2,4,5-Trichlorophenol
Concen: 42.138 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.017 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:196 Resp: 342078
Ion Ratio Lower Upper
196 100
198 96.8 78.6 117.8
97 46.9 41.8 62.8
132 26.2 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 83.373 ng
RT: 9.086 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

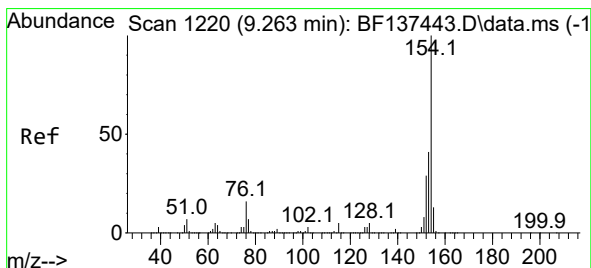
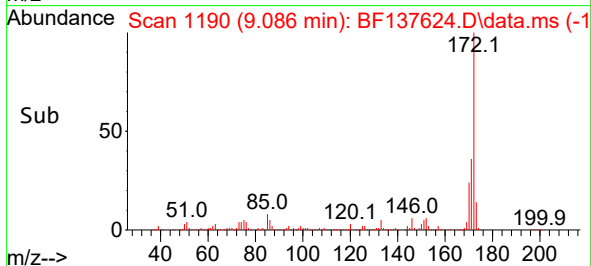
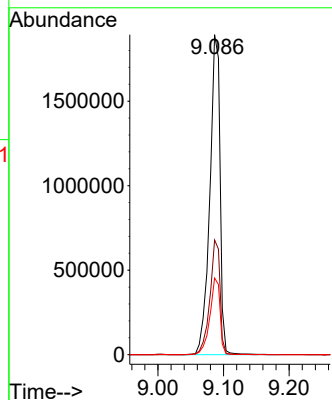
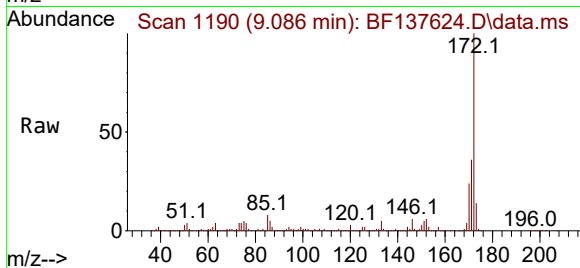
PB159612BS

Tgt Ion:172 Resp: 206459
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.9 19.0 28.6

Manual Integrations

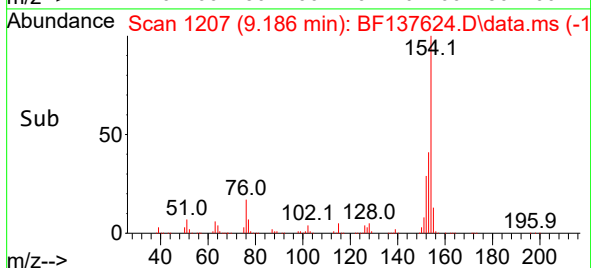
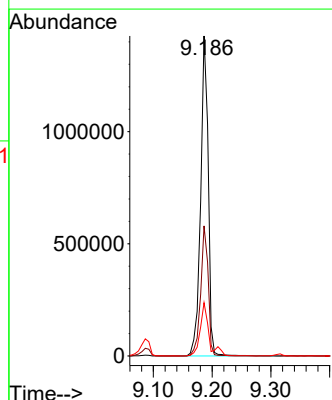
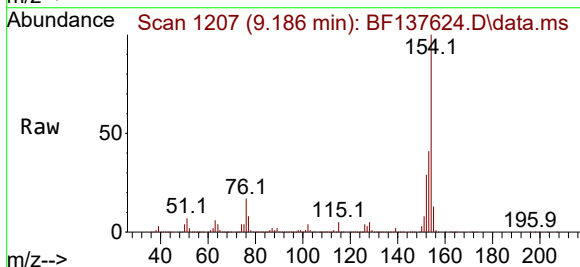
APPROVED

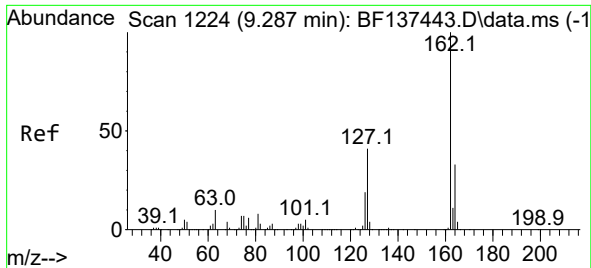
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#46
1,1'-Biphenyl
Concen: 45.074 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

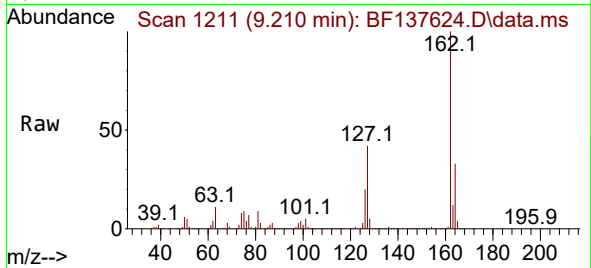
Tgt Ion:154 Resp: 1278802
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 16.7 0.0 35.8





#47
2-Chloronaphthalene
Concen: 46.362 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

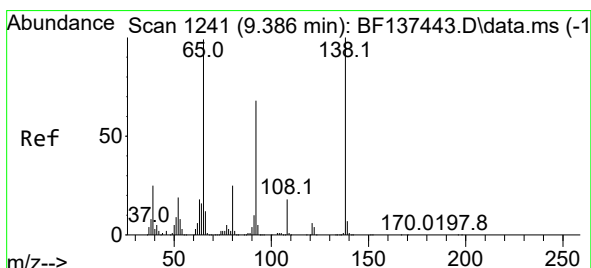
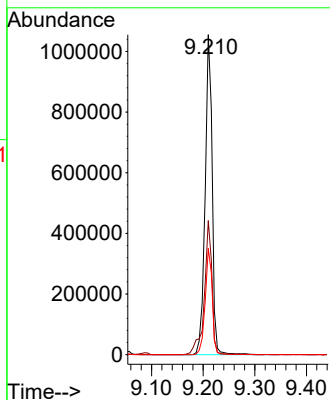
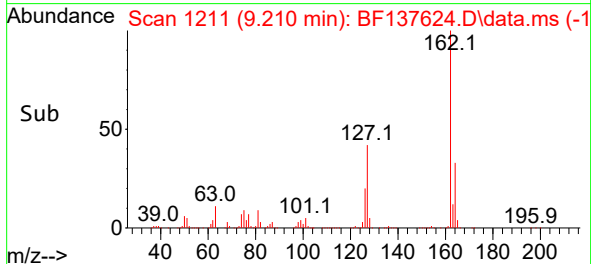
Instrument :
BNA_F
ClientSampleId :
PB159612BS



Tgt Ion:162 Resp: 100284
Ion Ratio Lower Upper
162 100
127 41.9 32.6 49.0
164 33.2 26.5 39.7

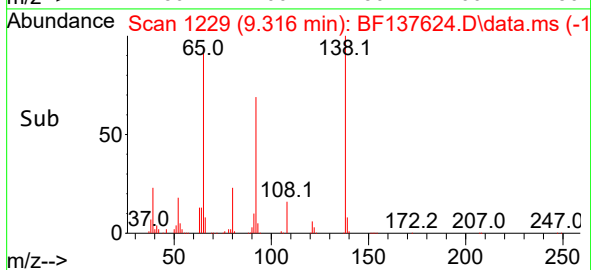
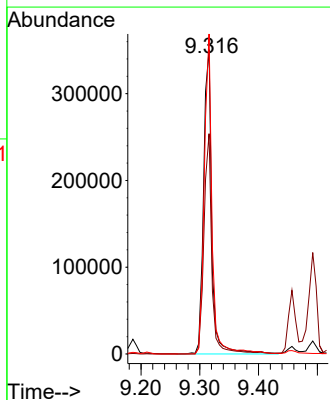
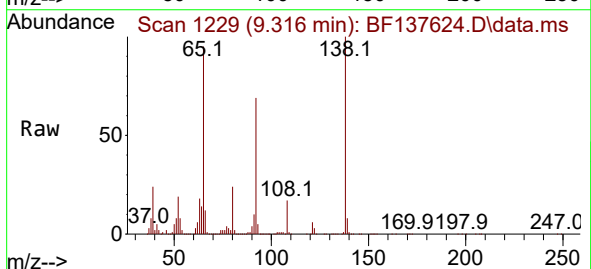
Manual Integrations
APPROVED

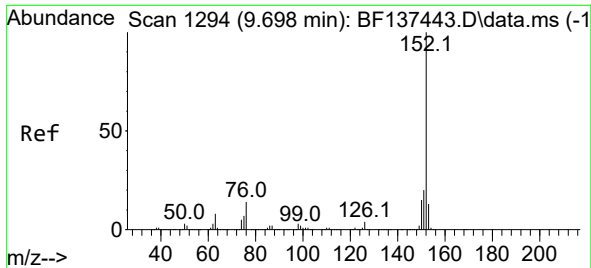
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#48
2-Nitroaniline
Concen: 46.726 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion: 65 Resp: 343534
Ion Ratio Lower Upper
65 100
92 72.4 55.4 83.2
138 105.1 81.0 121.6





#49
Acenaphthylene
Concen: 45.646 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

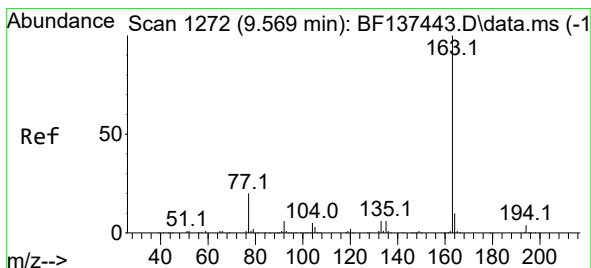
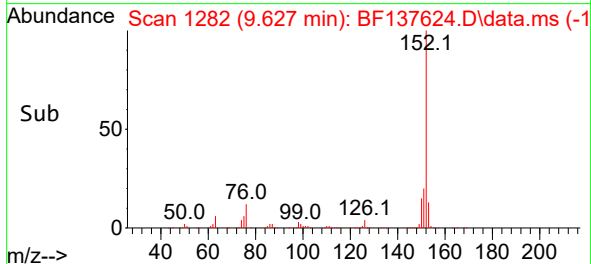
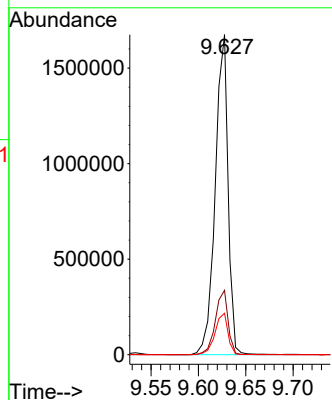
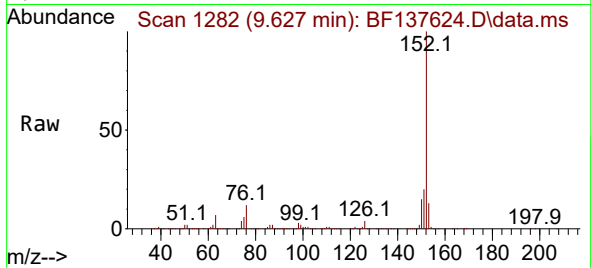
PB159612BS

Tgt Ion:152 Resp: 158010
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.9 10.8 16.2

Manual Integrations

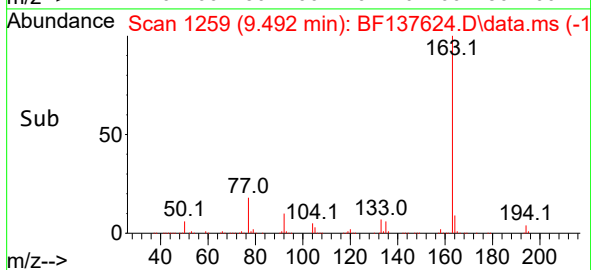
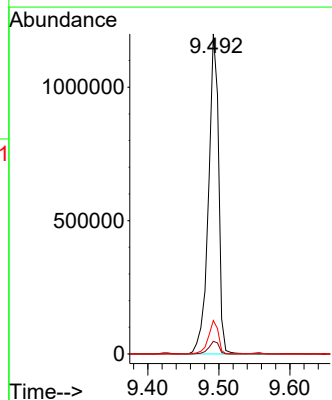
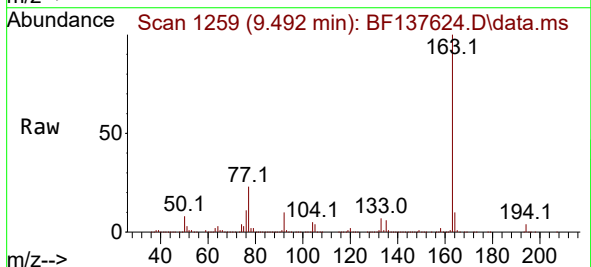
APPROVED

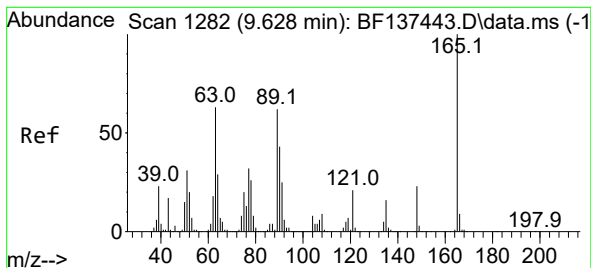
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#50
Dimethylphthalate
Concen: 44.287 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:163 Resp: 1195046
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.1 12.1





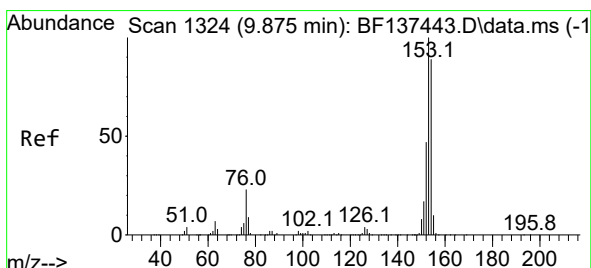
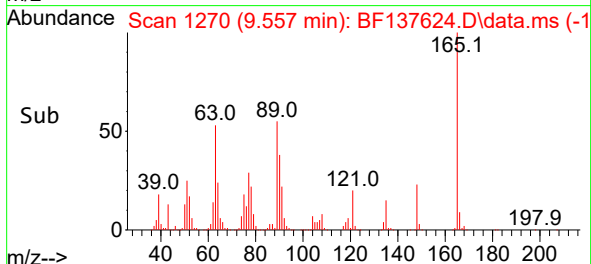
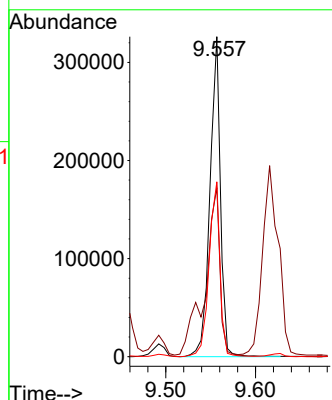
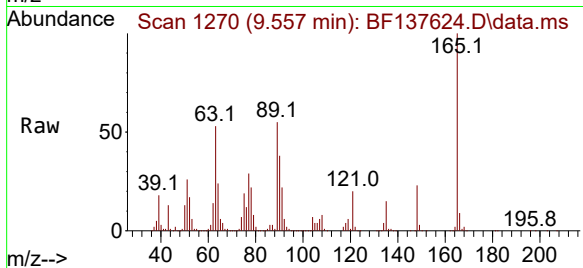
#51
2,6-Dinitrotoluene
Concen: 46.990 ng
RT: 9.557 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB159612BS

Tgt Ion:165 Resp: 265210
Ion Ratio Lower Upper
165 100
63 52.8 50.7 76.1
89 54.7 50.0 75.0

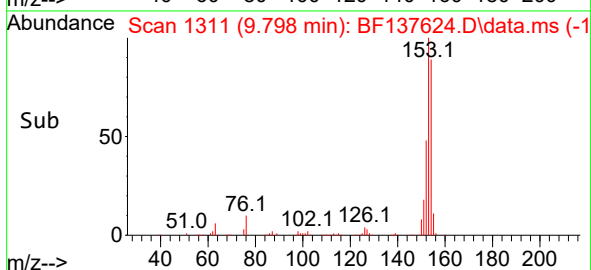
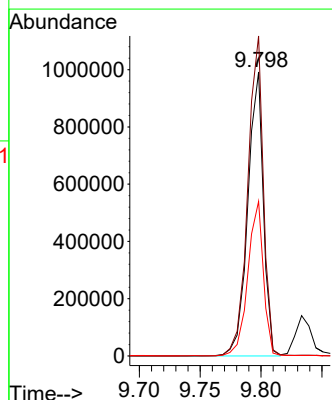
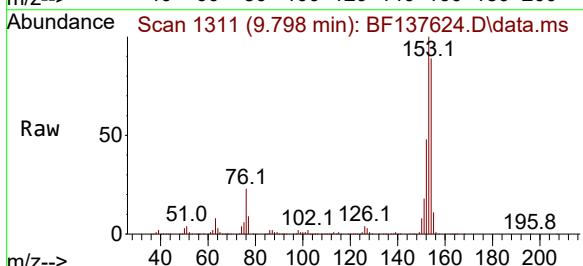
Manual Integrations
APPROVED

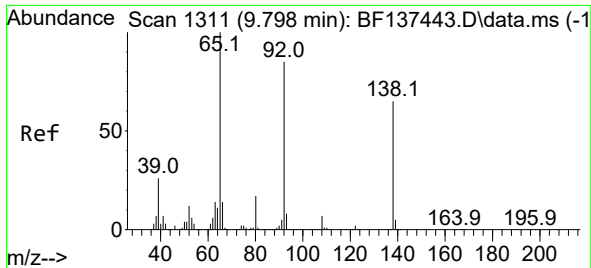
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#52
Acenaphthene
Concen: 42.838 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:154 Resp: 885321
Ion Ratio Lower Upper
154 100
153 112.6 90.3 135.5
152 54.4 42.7 64.1





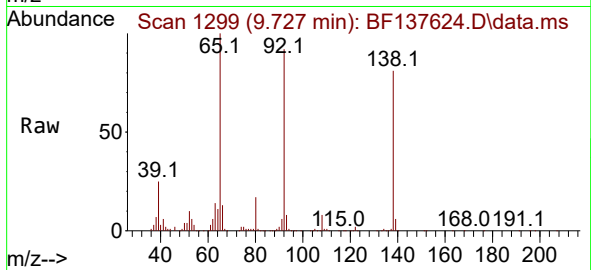
#53
3-Nitroaniline
Concen: 28.596 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

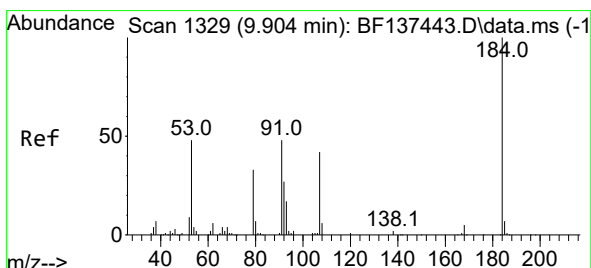
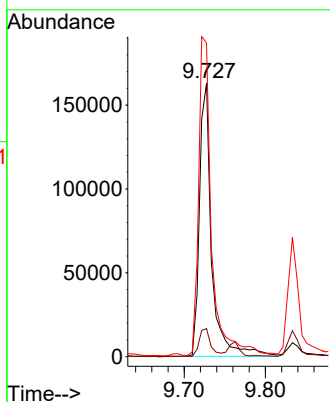
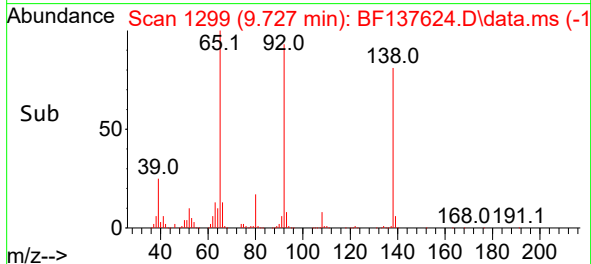


Tgt Ion:138 Resp: 170712
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 114.6 104.6 157.0

Manual Integrations

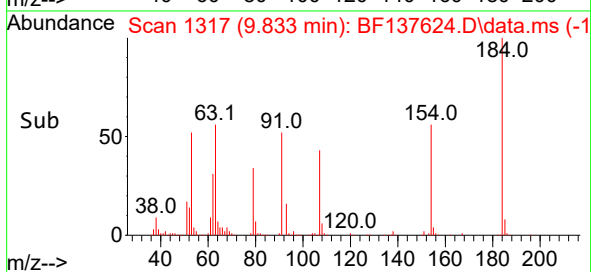
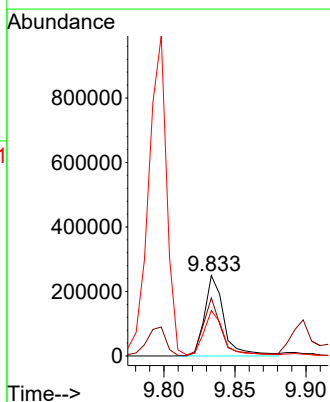
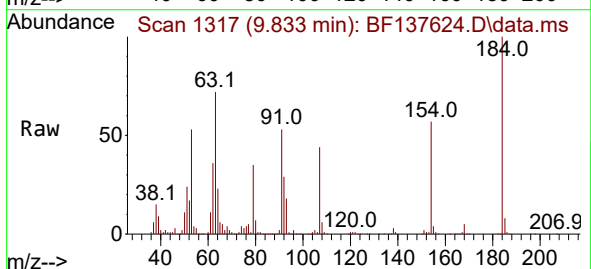
APPROVED

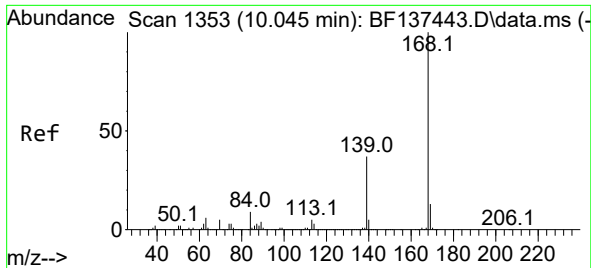
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#54
2,4-Dinitrophenol
Concen: 85.995 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:184 Resp: 238620
Ion Ratio Lower Upper
184 100
63 72.2 53.3 79.9
154 56.5 47.4 71.0





#55
Dibenzenofuran
Concen: 42.417 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

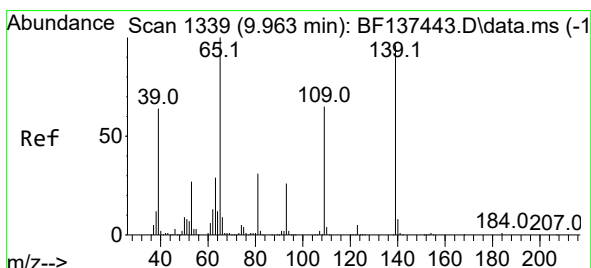
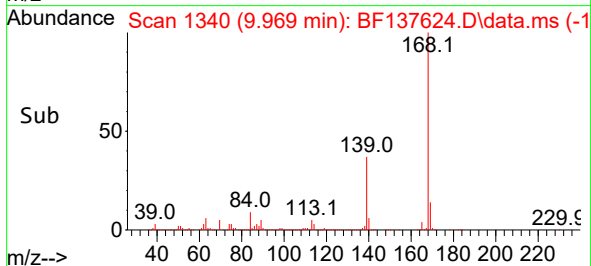
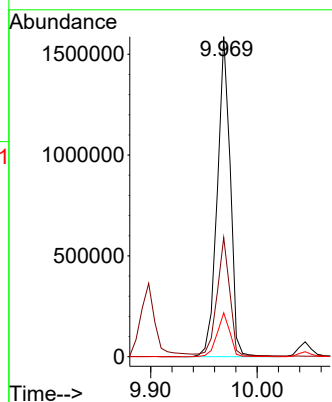
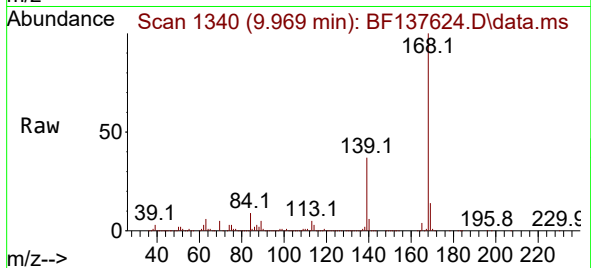
PB159612BS

Tgt Ion:168 Resp: 1335162
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.7 10.8 16.2

Manual Integrations

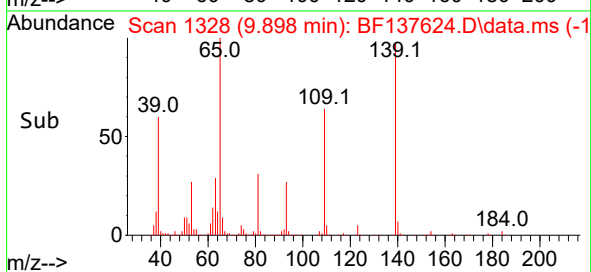
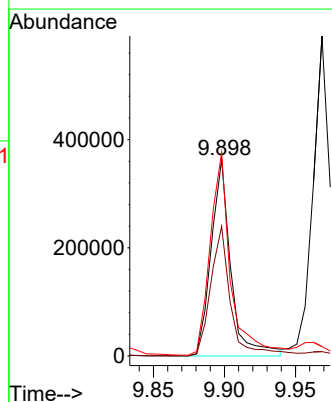
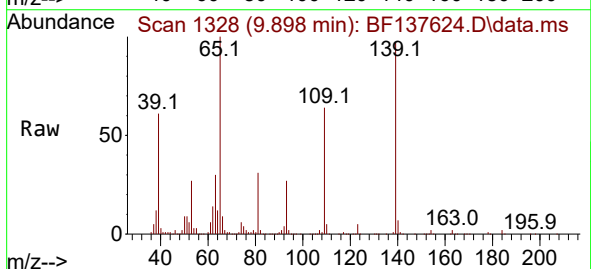
APPROVED

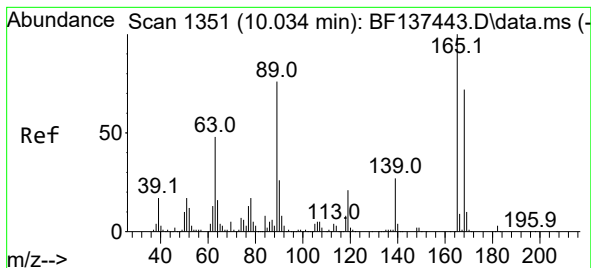
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#56
4-Nitrophenol
Concen: 82.388 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:139 Resp: 350530
Ion Ratio Lower Upper
139 100
109 65.9 47.1 87.1
65 103.5 85.1 125.1





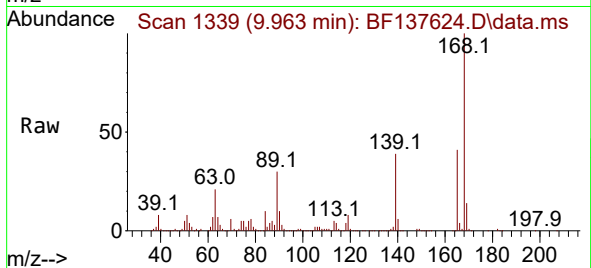
#57
2,4-Dinitrotoluene
Concen: 47.861 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

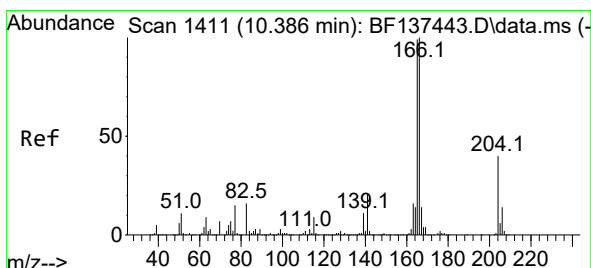
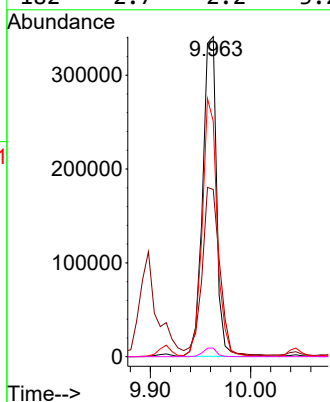
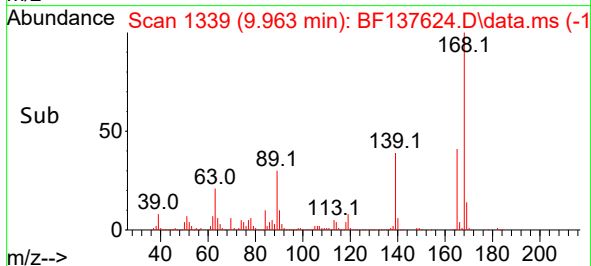


Tgt Ion:165 Resp: 331860
Ion Ratio Lower Upper
165 100
63 52.2 39.0 58.6
89 73.6 60.9 91.3
182 2.7 2.2 3.2

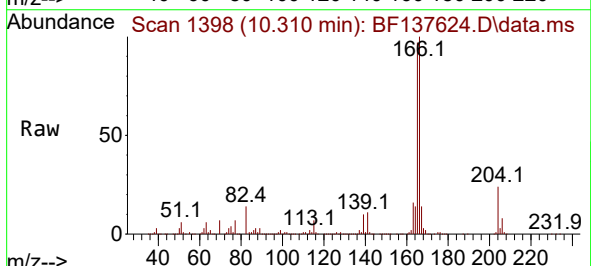
Manual Integrations

APPROVED

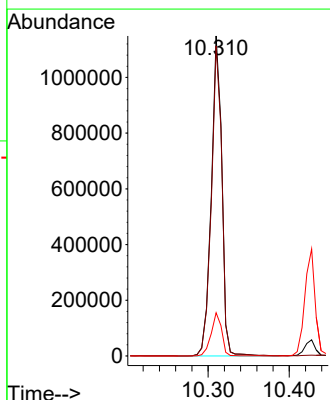
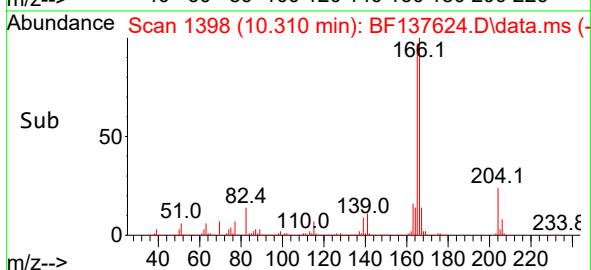
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

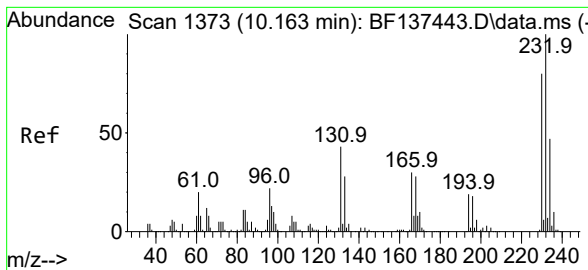


#58
Fluorene
Concen: 42.647 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



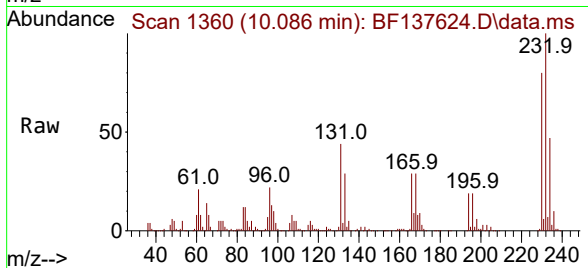
Tgt Ion:166 Resp: 1030934
Ion Ratio Lower Upper
166 100
165 96.9 79.2 118.8
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.633 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

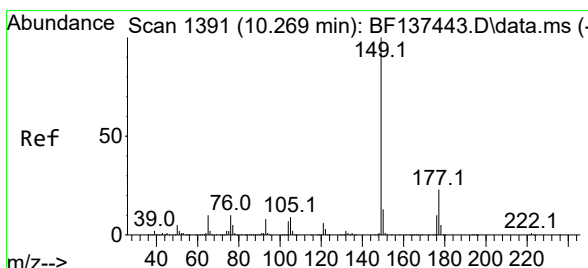
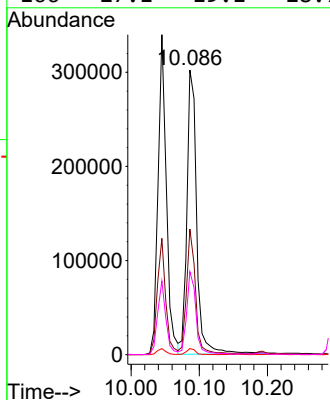
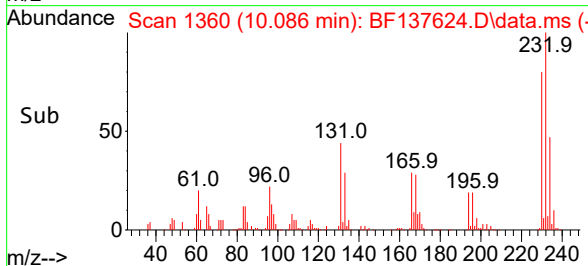
Instrument :
BNA_F
ClientSampleId :
PB159612BS



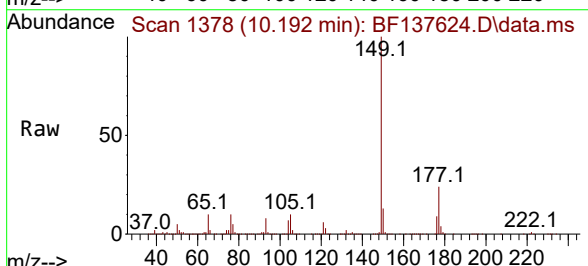
Tgt Ion:232 Resp: 297061
Ion Ratio Lower Upper
232 100
131 41.6 31.2 46.8
130 2.1 1.8 2.6
166 27.1 19.1 28.7

Manual Integrations
APPROVED

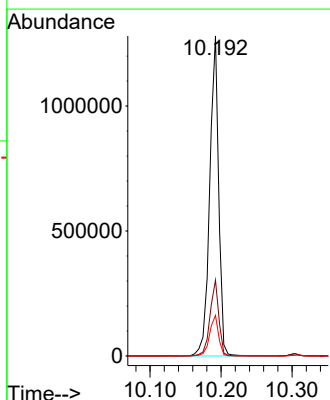
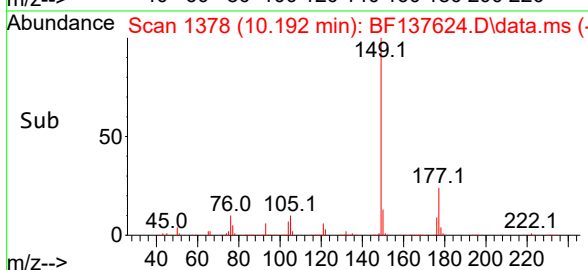
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

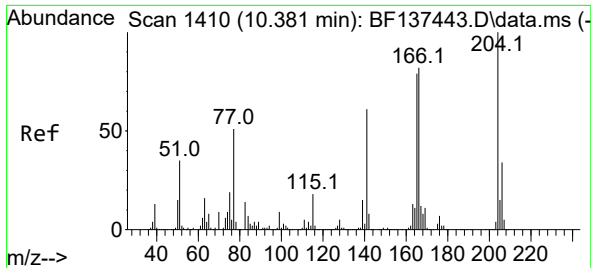


#60
Diethylphthalate
Concen: 44.207 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



Tgt Ion:149 Resp: 1126455
Ion Ratio Lower Upper
149 100
177 23.7 18.7 28.1
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.948 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

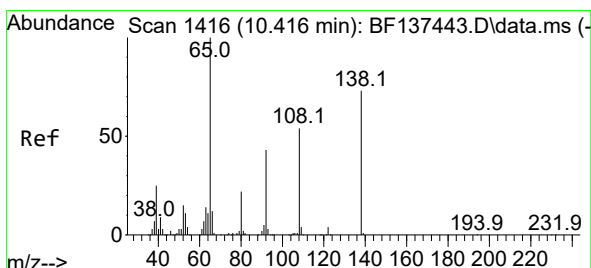
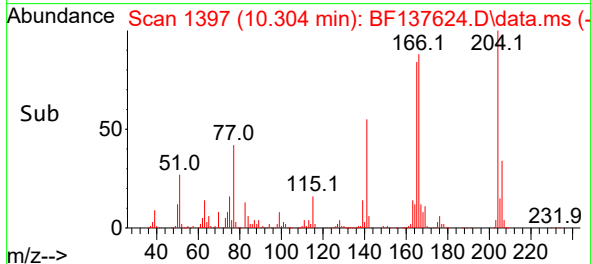
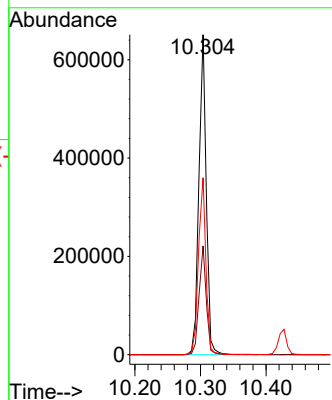
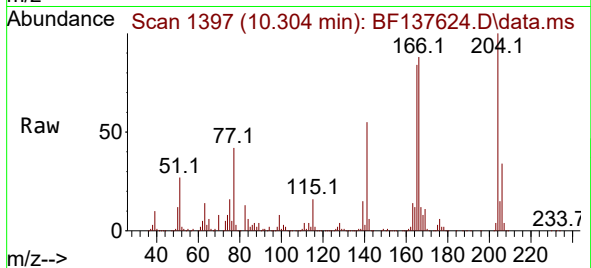
PB159612BS

Tgt Ion:204 Resp: 50881
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 55.3 48.4 72.6

Manual Integrations

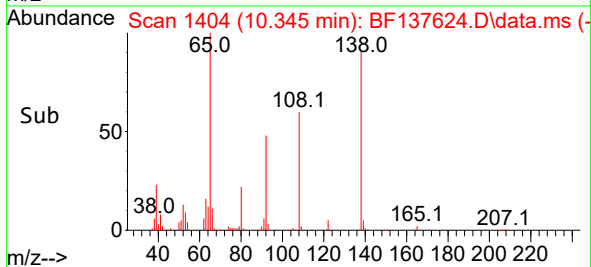
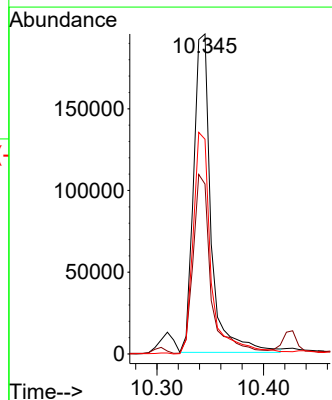
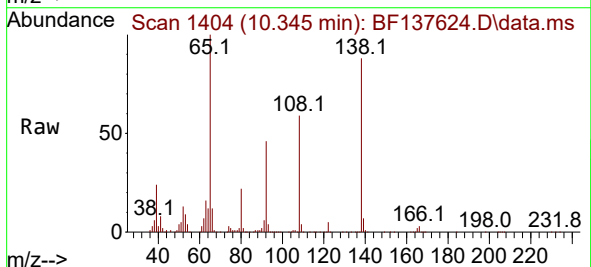
APPROVED

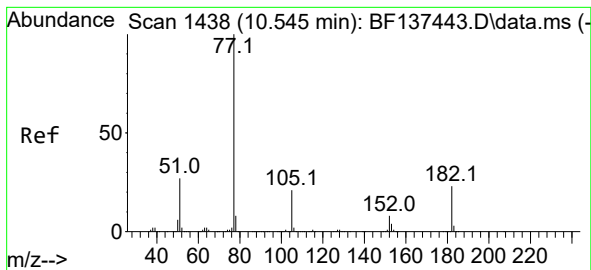
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#62
4-Nitroaniline
Concen: 43.268 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

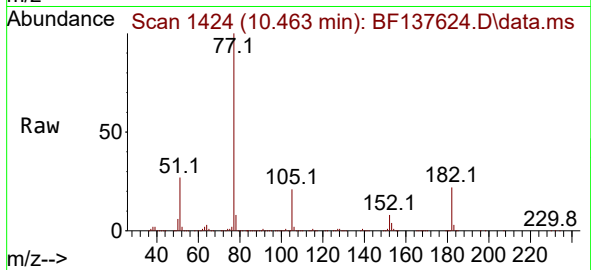
Tgt Ion:138 Resp: 222006
Ion Ratio Lower Upper
138 100
92 53.1 37.9 77.9
108 67.1 53.2 93.2





#63
Azobenzene
Concen: 41.769 ng
RT: 10.463 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

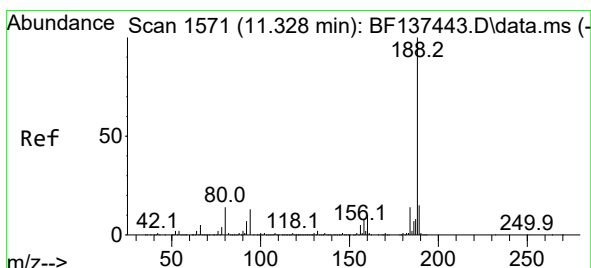
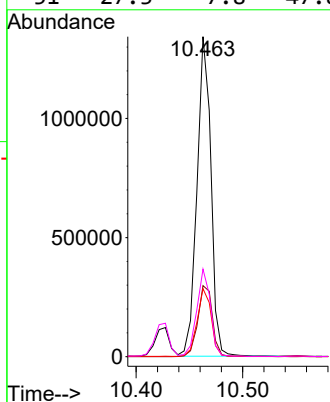
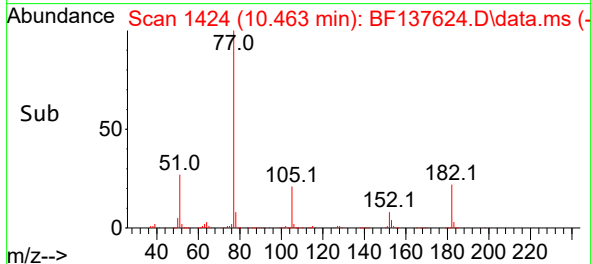
Instrument :
BNA_F
ClientSampleId :
PB159612BS



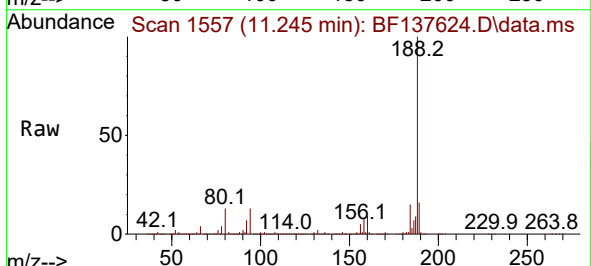
Tgt Ion: 77 Resp: 122558
Ion Ratio Lower Upper
77 100
182 22.2 3.2 43.2
105 21.3 1.2 41.2
51 27.3 7.8 47.8

Manual Integrations
APPROVED

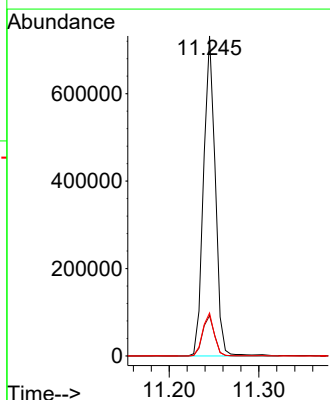
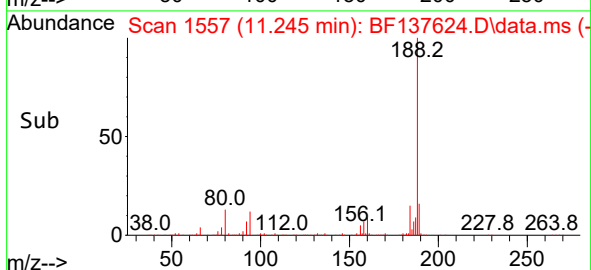
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

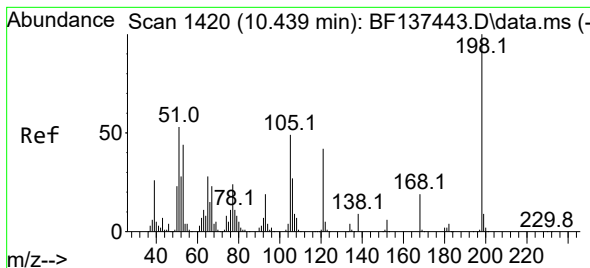


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



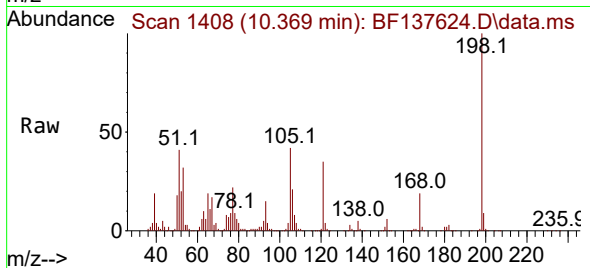
Tgt Ion:188 Resp: 662355
Ion Ratio Lower Upper
188 100
94 12.6 10.6 15.8
80 13.5 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 50.708 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

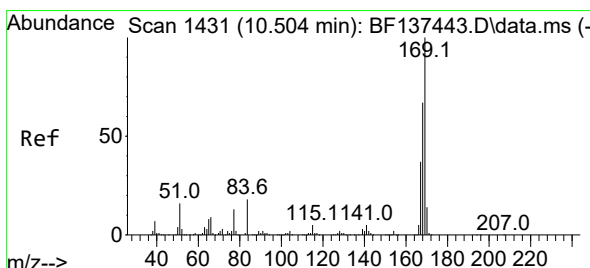
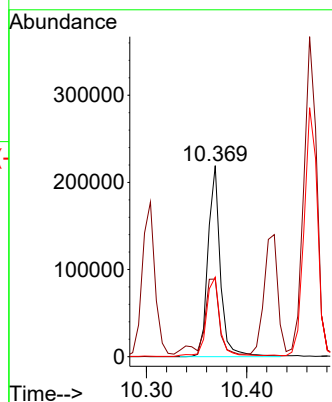
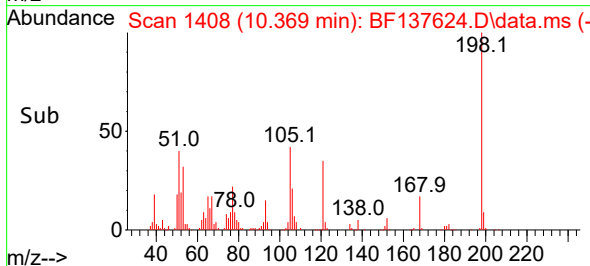
Instrument :
BNA_F
ClientSampleId :
PB159612BS



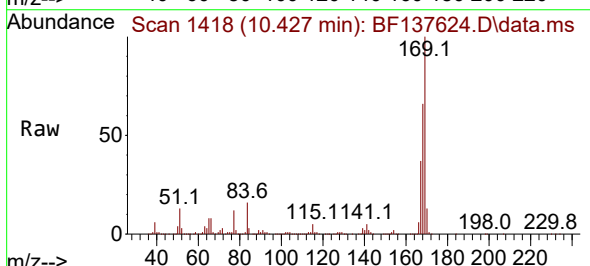
Tgt Ion:198 Resp: 187194
Ion Ratio Lower Upper
198 100
51 40.6 37.2 77.2
105 41.6 29.2 69.2

Manual Integrations
APPROVED

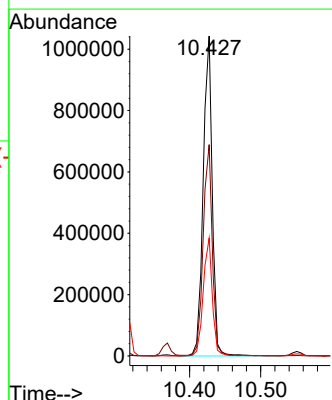
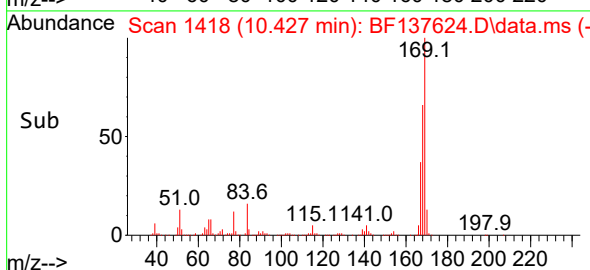
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

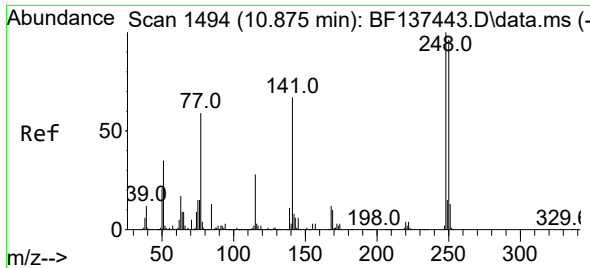


#66
n-Nitrosodiphenylamine
Concen: 43.556 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



Tgt Ion:169 Resp: 929004
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.633 ng
RT: 10.792 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

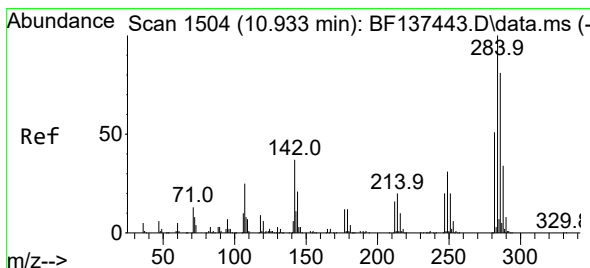
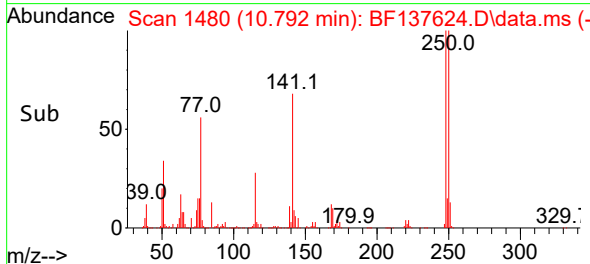
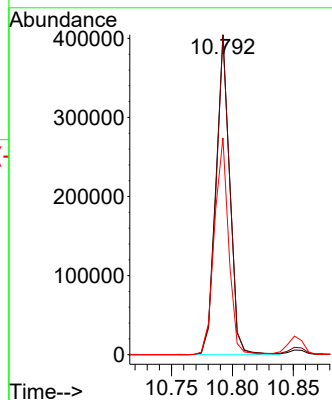
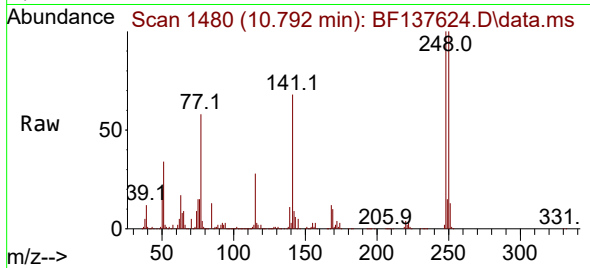
PB159612BS

Tgt Ion:248 Resp: 32199
Ion Ratio Lower Upper
248 100
250 99.7 76.8 115.2
141 67.8 53.4 80.0

Manual Integrations

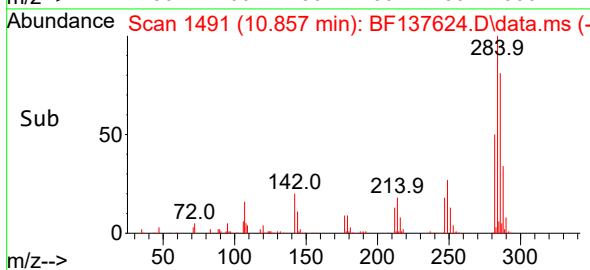
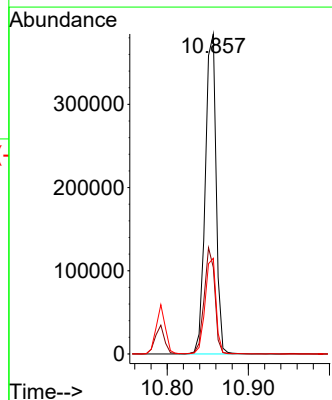
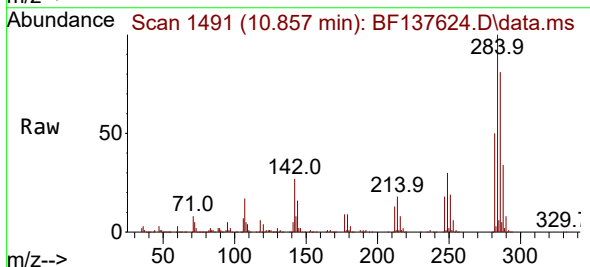
APPROVED

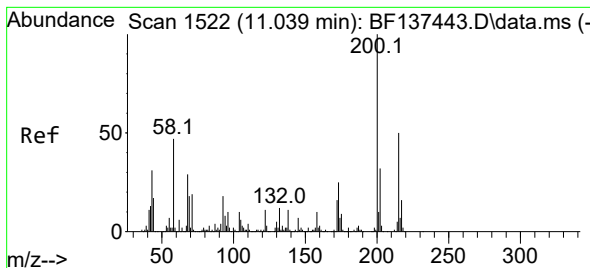
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#68
Hexachlorobenzene
Concen: 48.954 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:284 Resp: 356700
Ion Ratio Lower Upper
284 100
142 27.0 29.4 44.0#
249 29.9 25.0 37.4





#69

Atrazine

Concen: 42.574 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

Tgt Ion:200 Resp: 27604

Ion Ratio Lower Upper

200 100

173 25.5 5.1 45.1

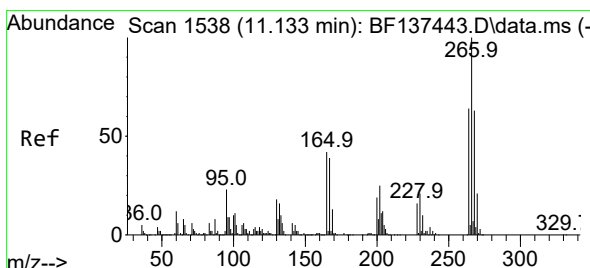
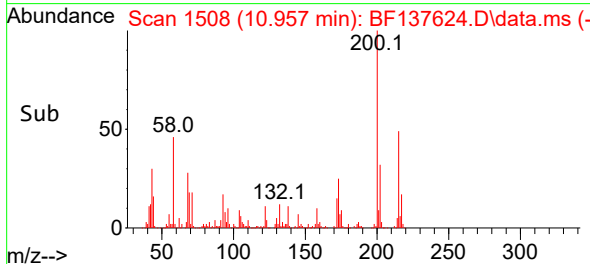
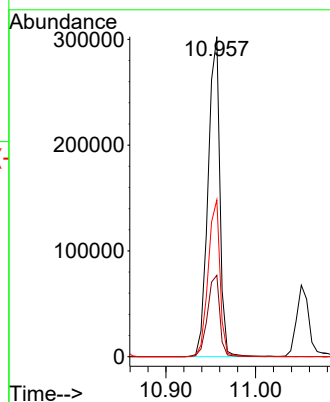
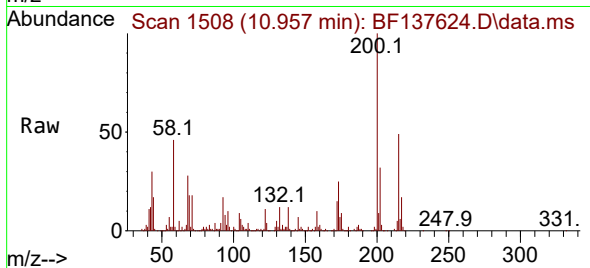
215 49.0 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024

Supervised By :mohammad ahmed 03/19/2024



#70

Pentachlorophenol

Concen: 83.781 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

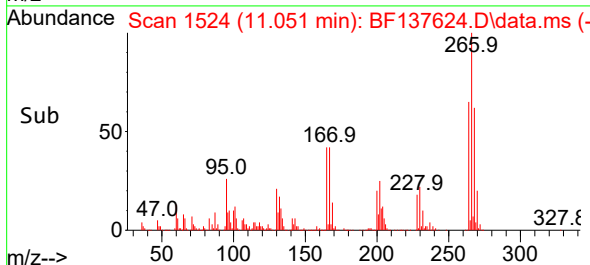
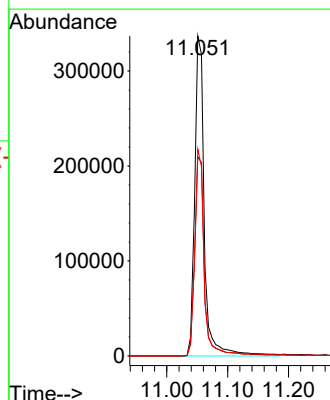
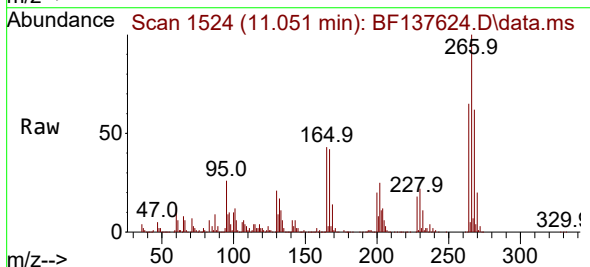
Tgt Ion:266 Resp: 369040

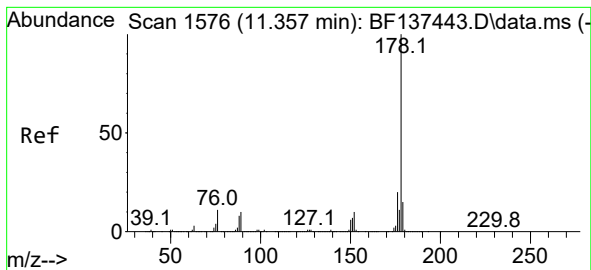
Ion Ratio Lower Upper

266 100

268 62.2 50.2 75.2

264 64.6 50.9 76.3





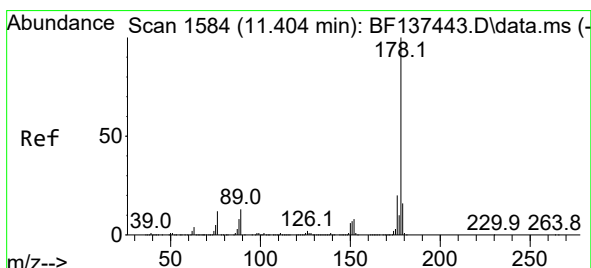
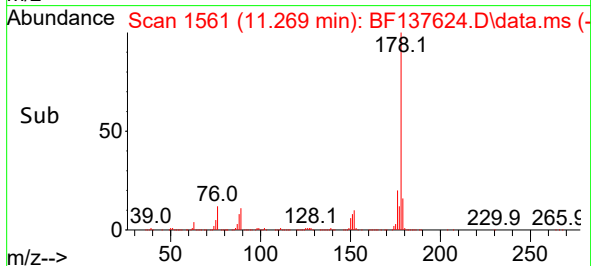
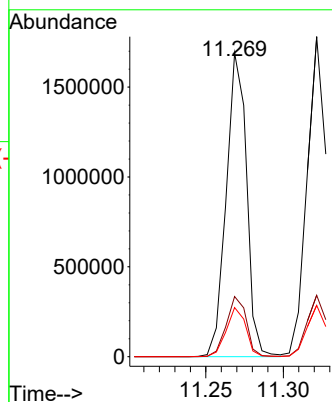
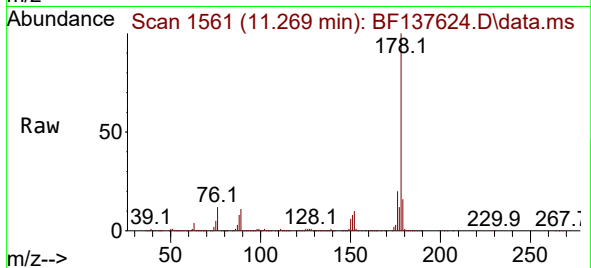
#71
Phenanthrene
Concen: 42.881 ng
RT: 11.269 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB159612BS

Tgt Ion:178 Resp: 1545710
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.2 12.2 18.2

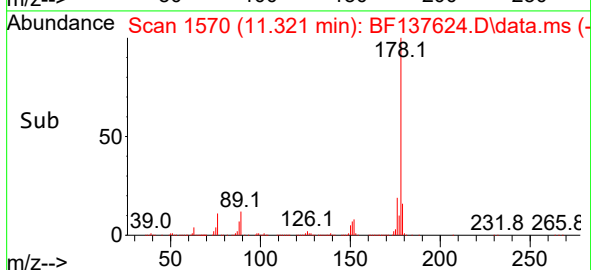
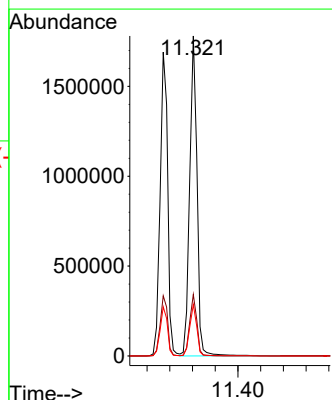
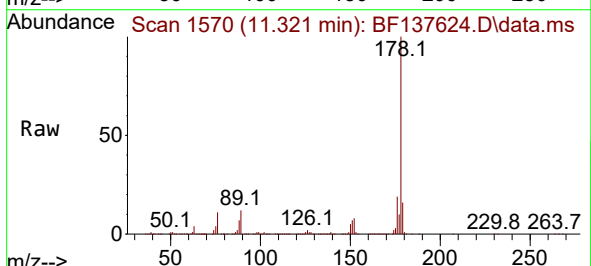
Manual Integrations
APPROVED

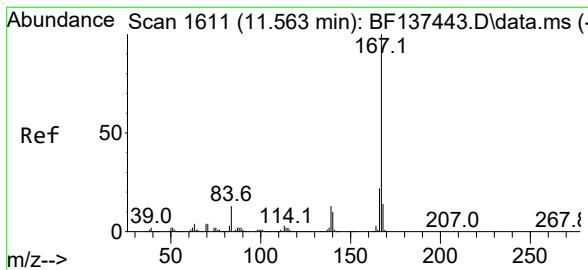
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#72
Anthracene
Concen: 42.980 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

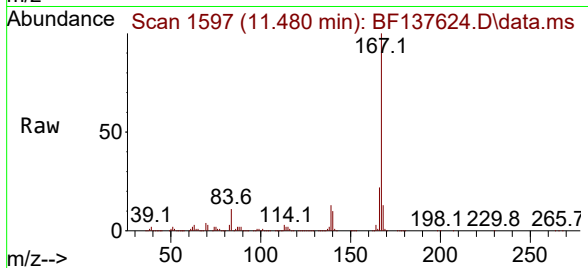
Tgt Ion:178 Resp: 1591214
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.0 12.7 19.1





#73
Carbazole
Concen: 44.467 ng
RT: 11.480 min Scan# 1611
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

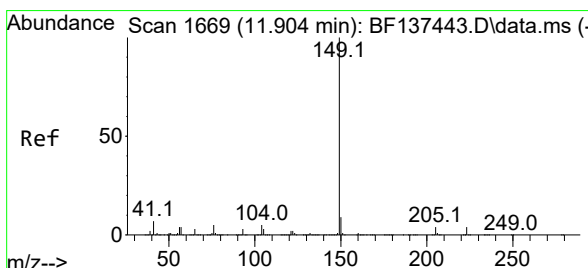
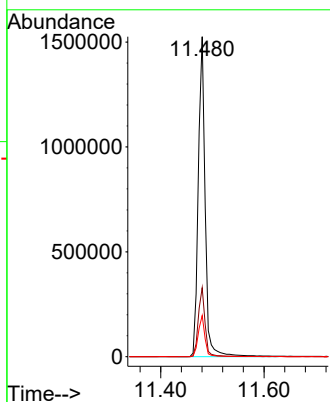
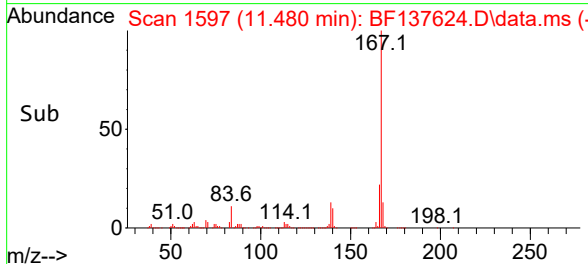
Instrument :
BNA_F
ClientSampleId :
PB159612BS



Tgt Ion:167 Resp: 141014
Ion Ratio Lower Upper
167 100
166 21.6 17.8 26.8
139 12.8 10.5 15.7

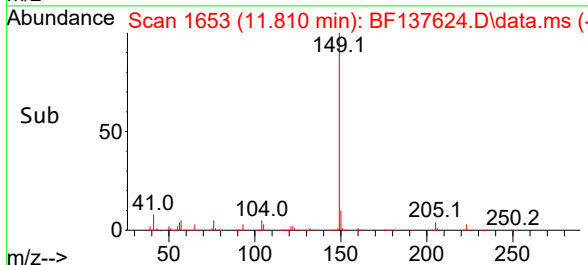
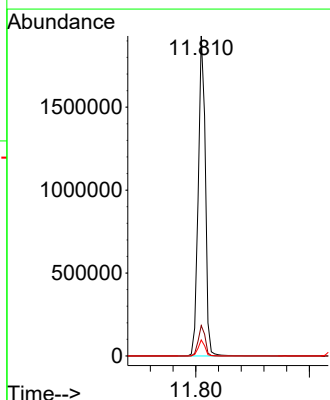
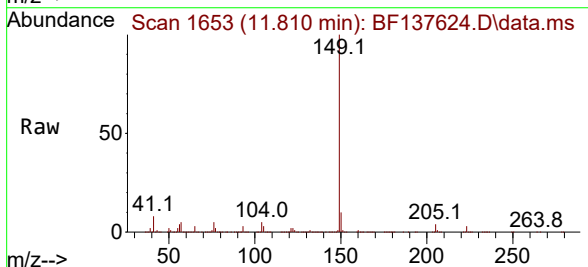
Manual Integrations
APPROVED

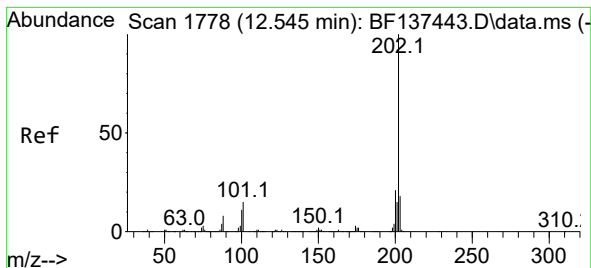
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#74
Di-n-butylphthalate
Concen: 44.584 ng
RT: 11.810 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:149 Resp: 1682140
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 44.533 ng

RT: 12.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

Tgt Ion:202 Resp: 156910

Ion Ratio Lower Upper

202 100

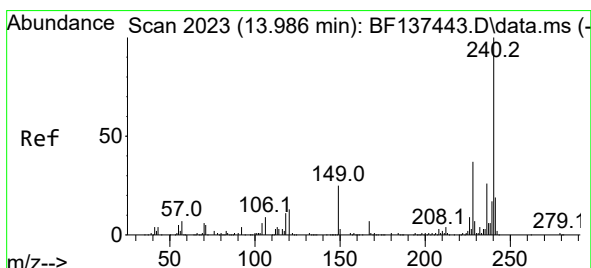
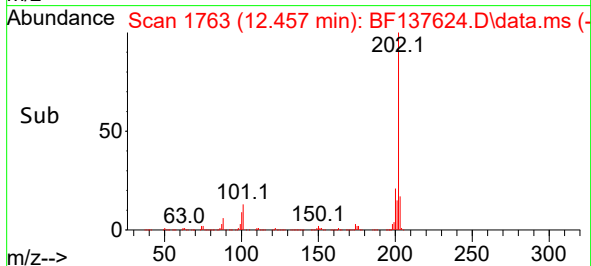
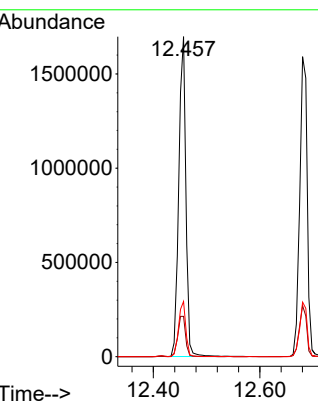
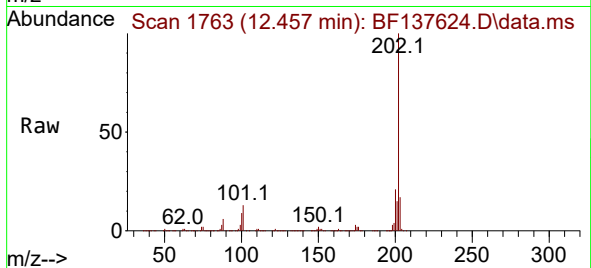
101 12.6 0.0 35.0

203 17.3 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

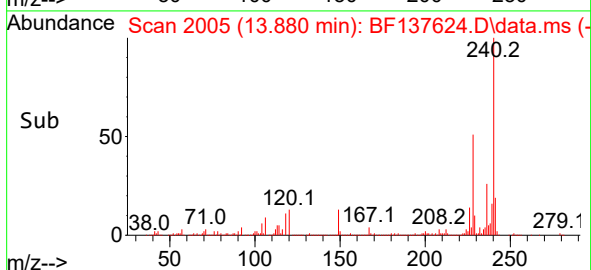
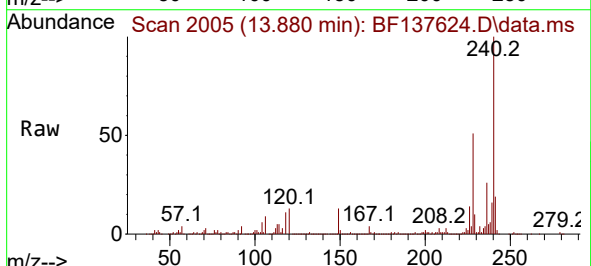
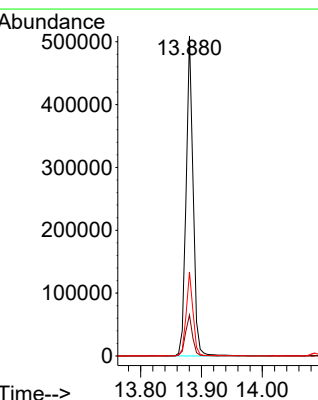
Tgt Ion:240 Resp: 408813

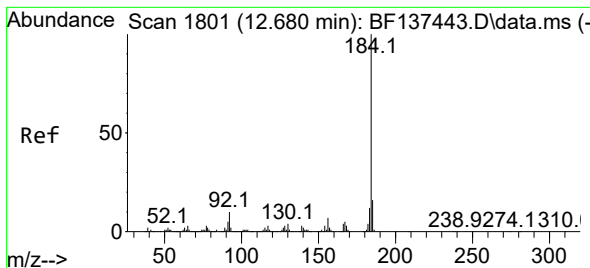
Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

236 26.3 20.9 31.3





#77

Benzidine

Concen: 14.050 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

Tgt Ion:184 Resp: 140564

Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

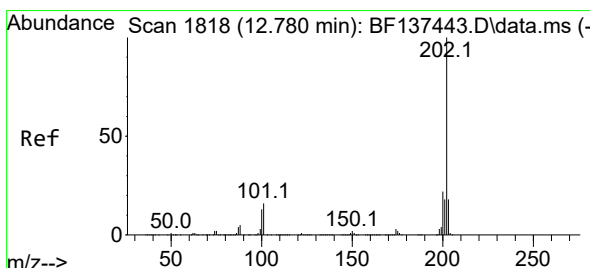
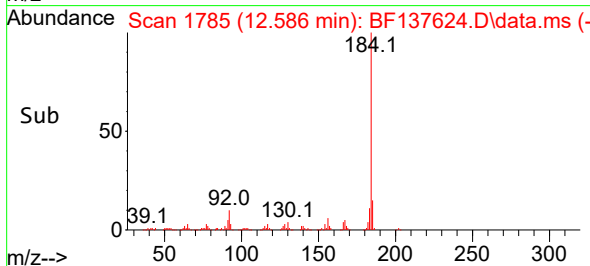
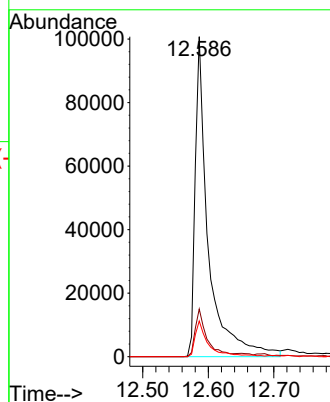
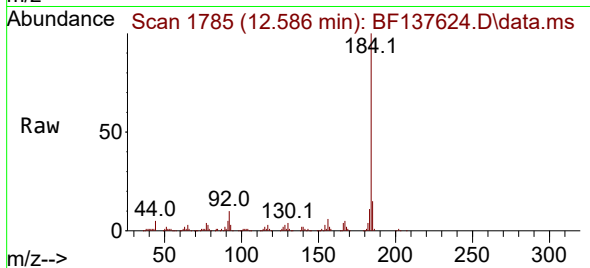
183 11.2 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024

Supervised By :mohammad ahmed 03/19/2024



#78

Pyrene

Concen: 39.180 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

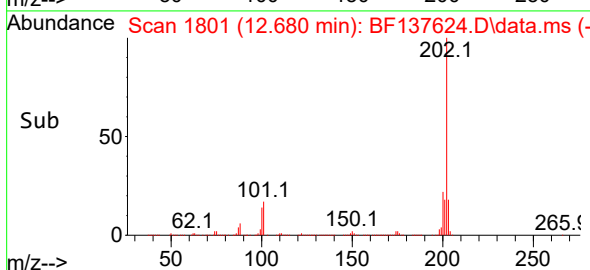
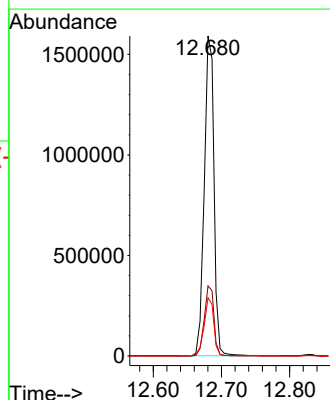
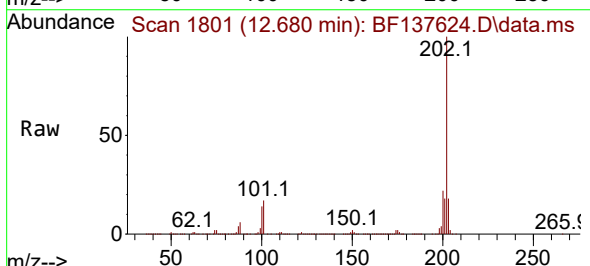
Tgt Ion:202 Resp: 1571647

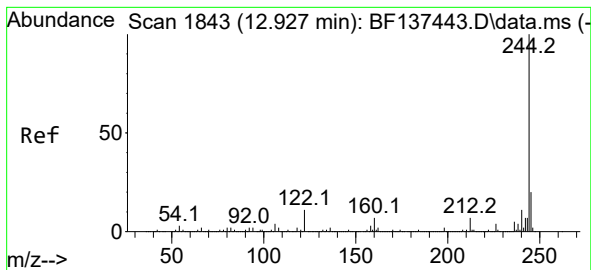
Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 76.402 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

Tgt Ion:244 Resp: 227139

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

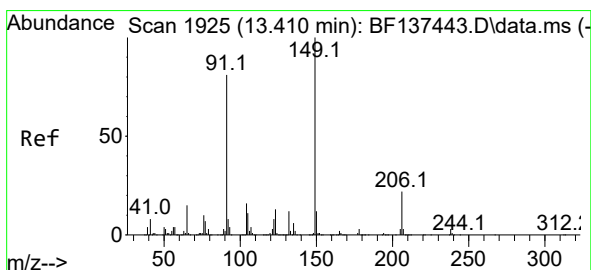
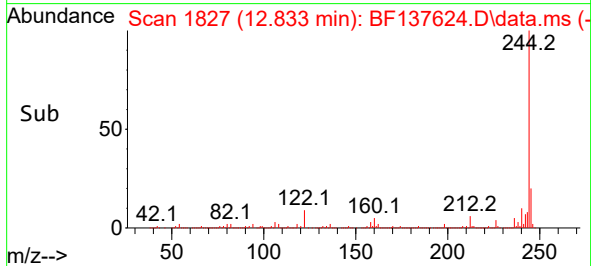
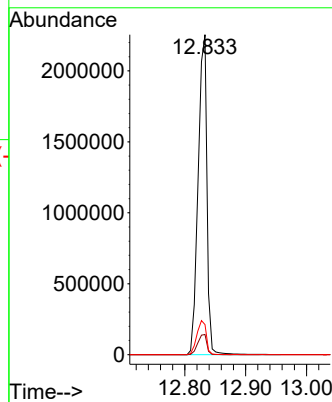
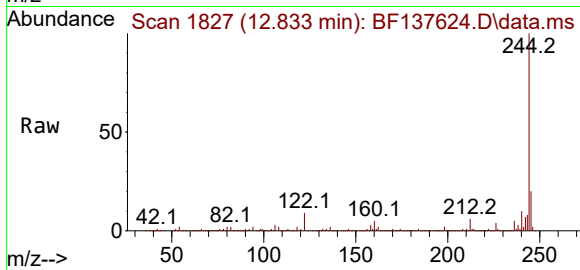
122 9.4 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024

Supervised By :mohammad ahmed 03/19/2024



#80

Butylbenzylphthalate

Concen: 56.849 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

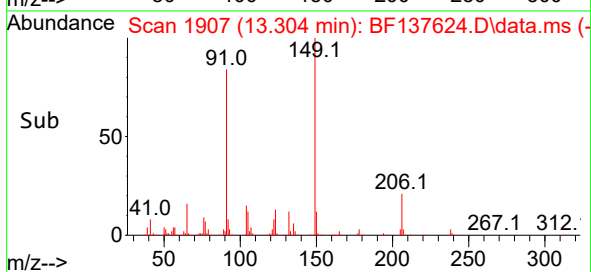
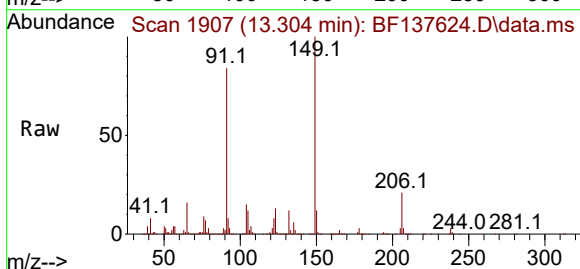
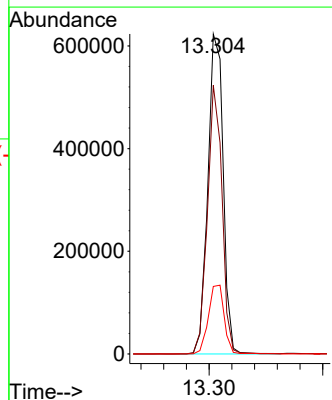
Tgt Ion:149 Resp: 582388

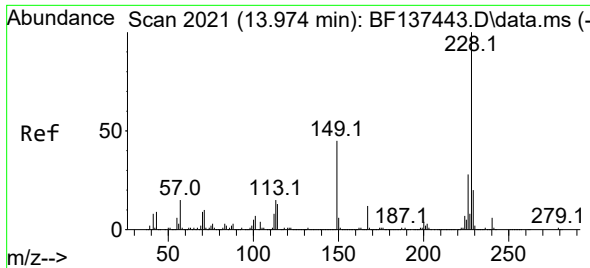
Ion Ratio Lower Upper

149 100

91 84.0 64.7 97.1

206 21.1 17.5 26.3





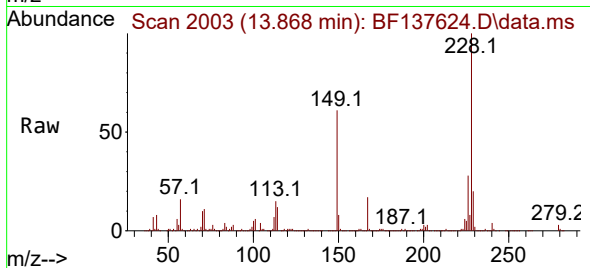
#81
Benzo(a)anthracene
Concen: 41.526 ng
RT: 13.868 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

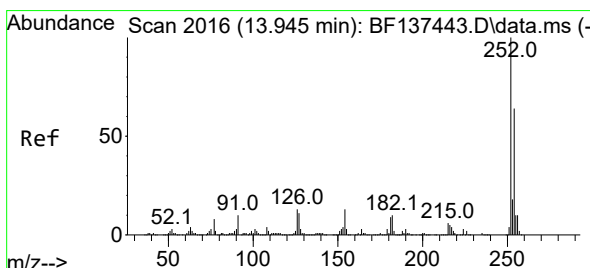
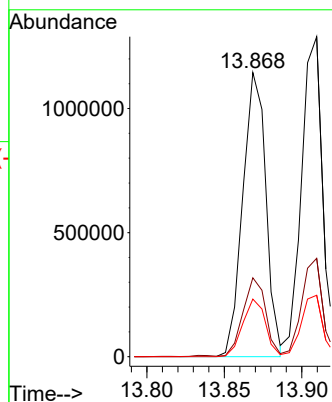
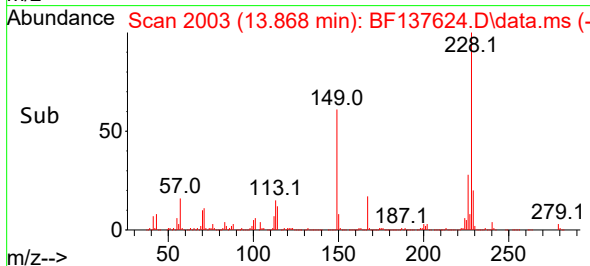


Tgt Ion:228 Resp: 118986
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.3 16.3 24.5

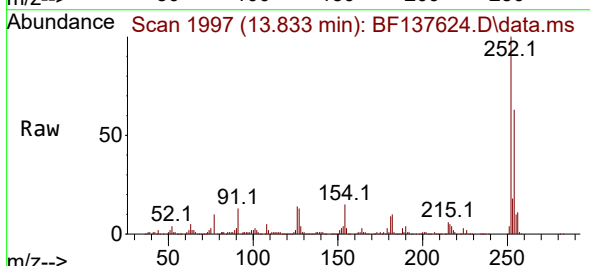
Manual Integrations

APPROVED

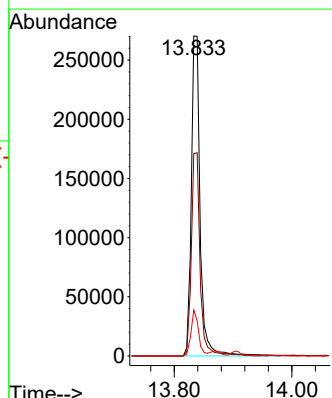
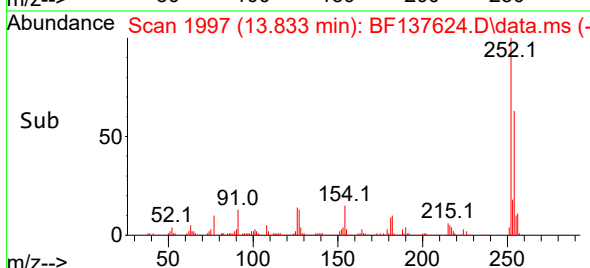
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

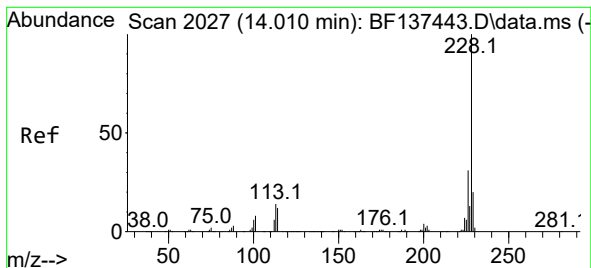


#82
3,3'-Dichlorobenzidine
Concen: 36.950 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



Tgt Ion:252 Resp: 281946
Ion Ratio Lower Upper
252 100
254 63.2 51.4 77.2
126 14.3 10.4 15.6





#83

Chrysene

Concen: 43.239 ng

RT: 13.910 min Scan# 2000

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

Tgt Ion:228 Resp: 125218

Ion Ratio Lower Upper

228 100

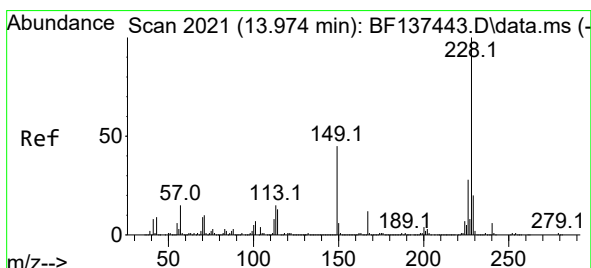
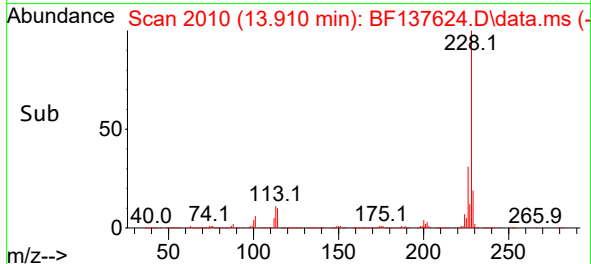
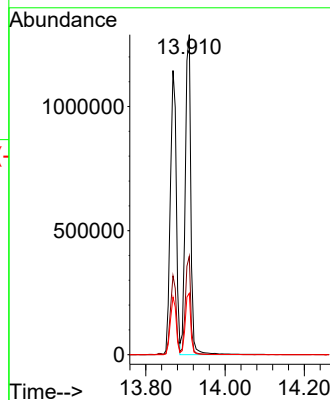
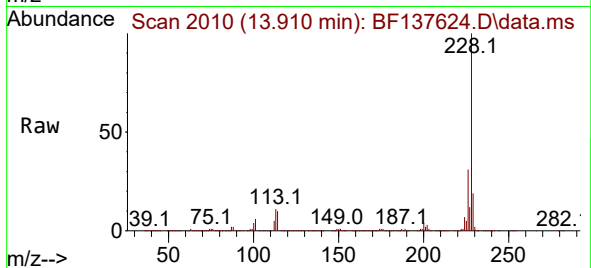
226 30.7 24.7 37.1

229 19.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.191 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

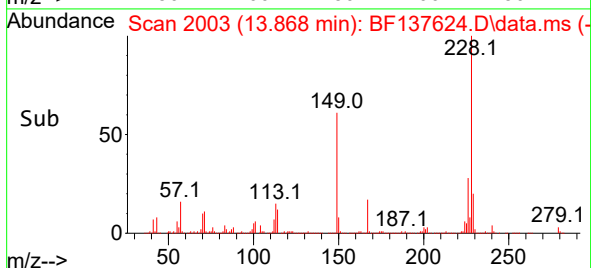
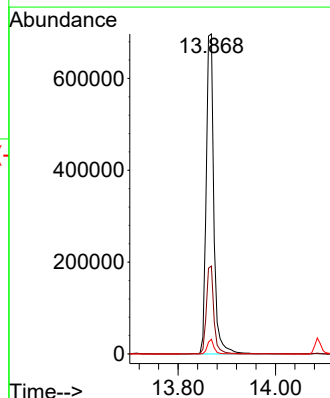
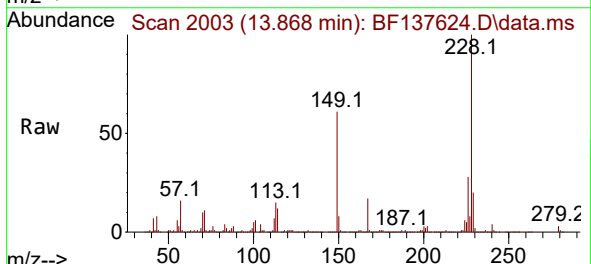
Tgt Ion:149 Resp: 757711

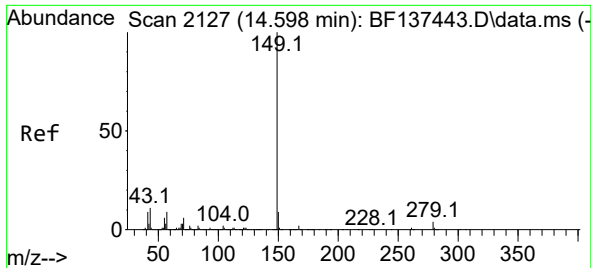
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 4.6 2.6 4.0#





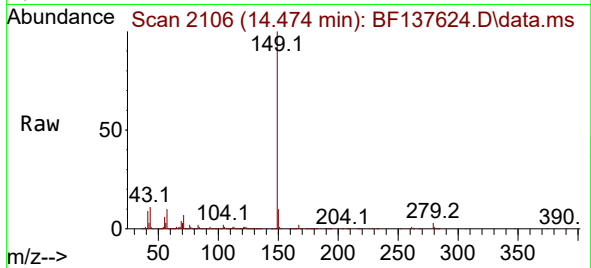
#85
Di-n-octyl phthalate
Concen: 49.358 ng
RT: 14.474 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

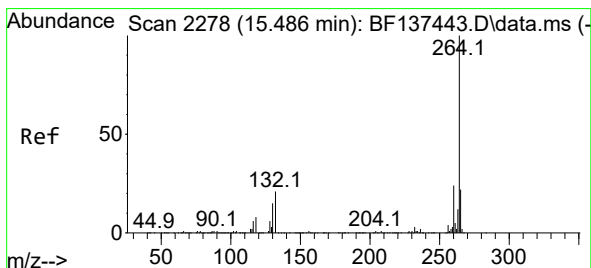
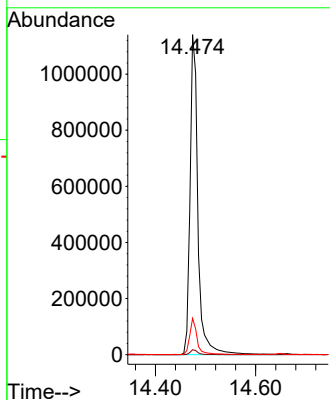
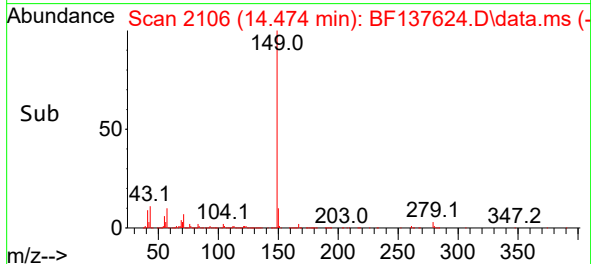


Tgt Ion:149 Resp: 124315
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.6 14.4

Manual Integrations

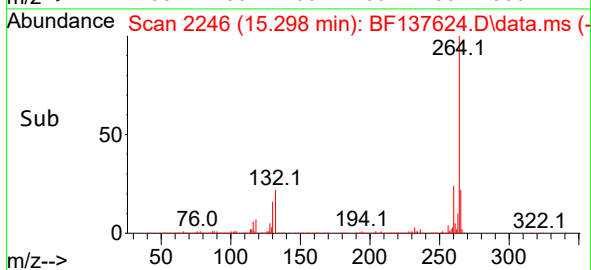
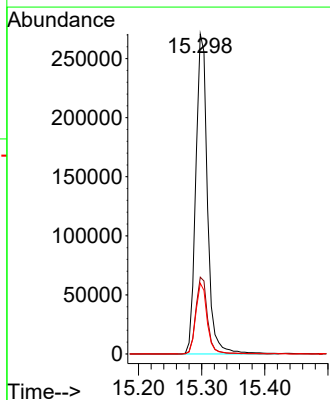
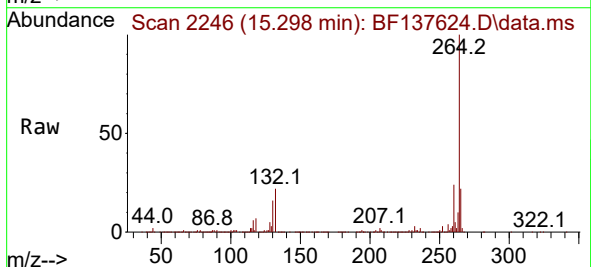
APPROVED

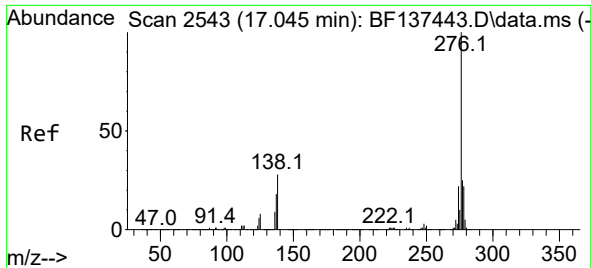
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

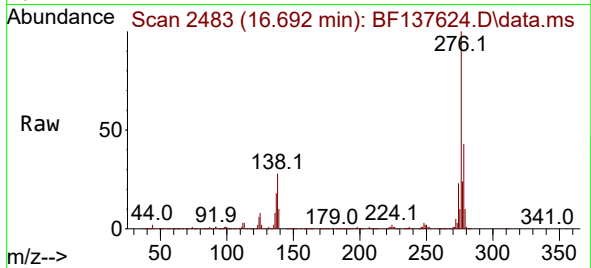
Tgt Ion:264 Resp: 346809
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.043 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

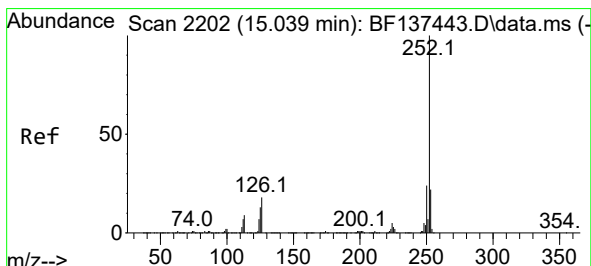
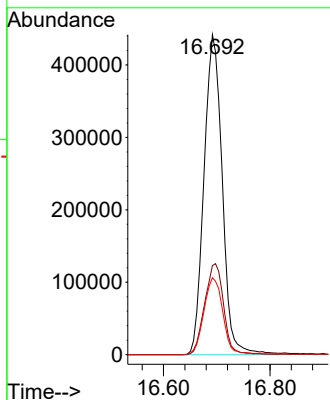
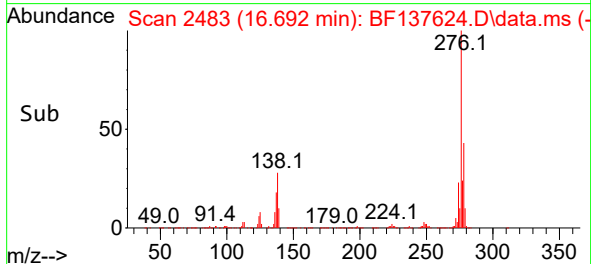
Instrument :
BNA_F
ClientSampleId :
PB159612BS



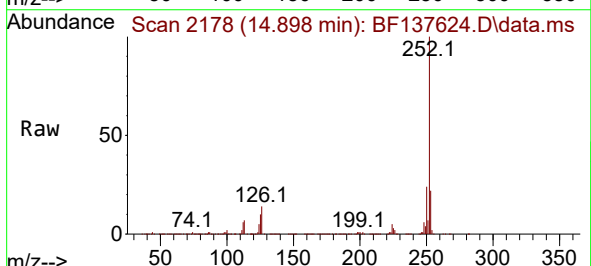
Tgt Ion:276 Resp: 105080
Ion Ratio Lower Upper
276 100
138 29.7 25.8 38.8
277 25.0 20.2 30.2

Manual Integrations
APPROVED

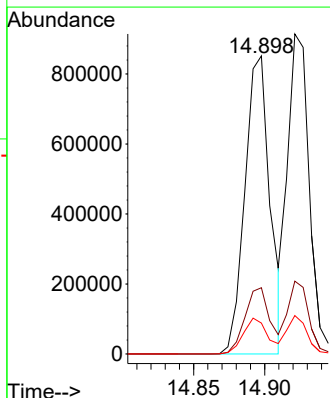
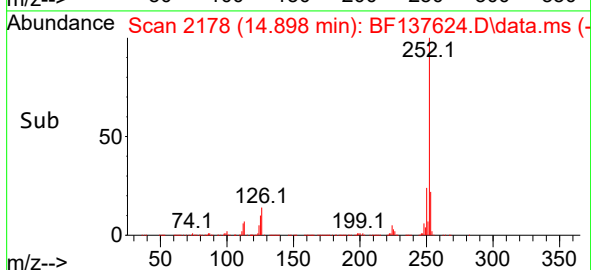
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

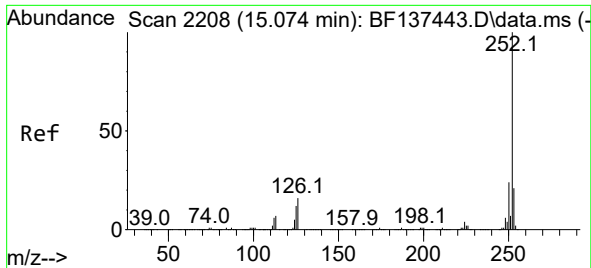


#88
Benzo(b)fluoranthene
Concen: 51.112 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35



Tgt Ion:252 Resp: 1048575
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.3 10.1 15.1





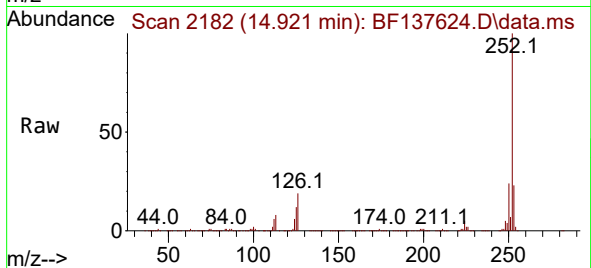
#89
Benzo(k)fluoranthene
Concen: 45.255 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

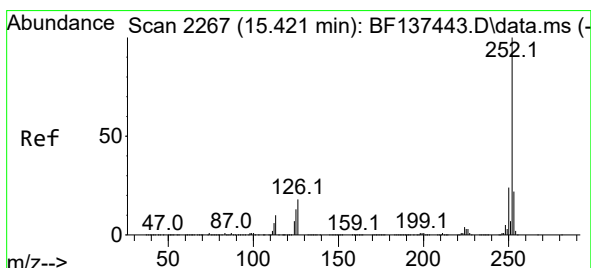
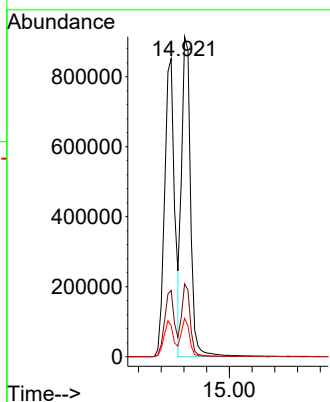
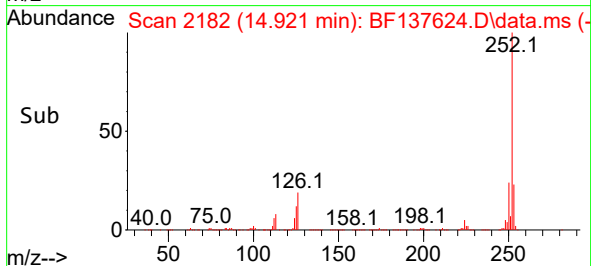


Tgt Ion:252 Resp: 997200
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 12.0 9.6 14.4

Manual Integrations

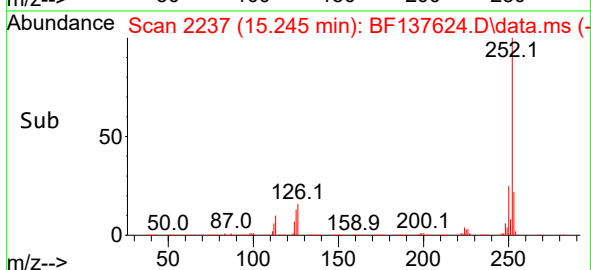
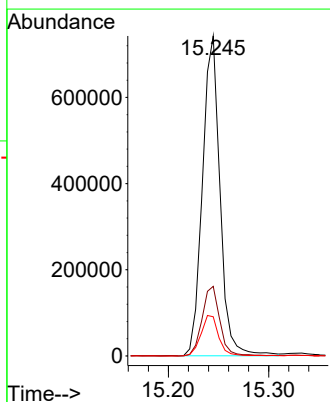
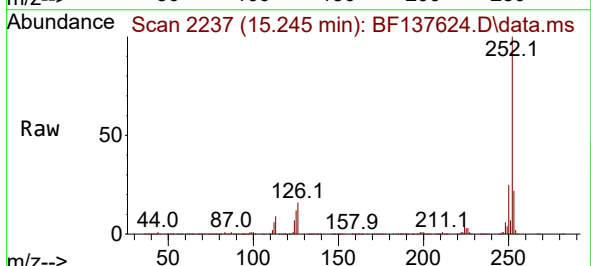
APPROVED

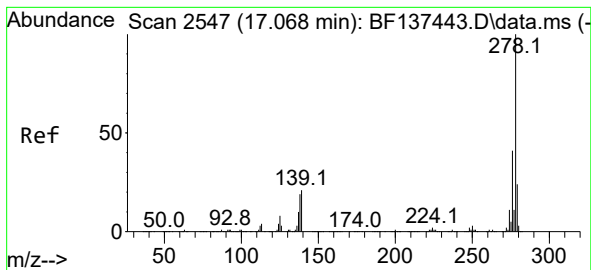
Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#90
Benzo(a)pyrene
Concen: 44.879 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF137624.D
Acq: 18 Mar 2024 11:35

Tgt Ion:252 Resp: 907305
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 12.2 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 45.465 ng

RT: 16.709 min Scan# 24

Delta R.T. 0.012 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB159612BS

Tgt Ion:278 Resp: 841734

Ion Ratio Lower Upper

278 100

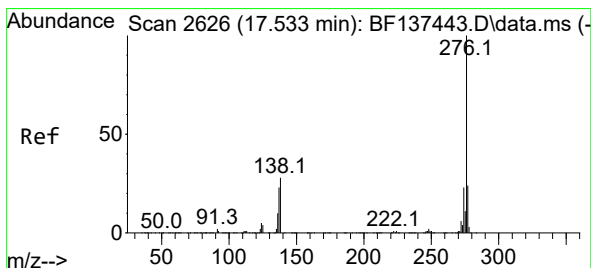
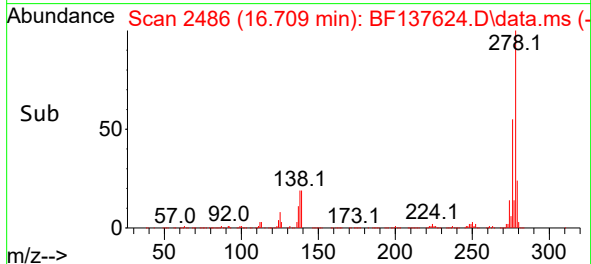
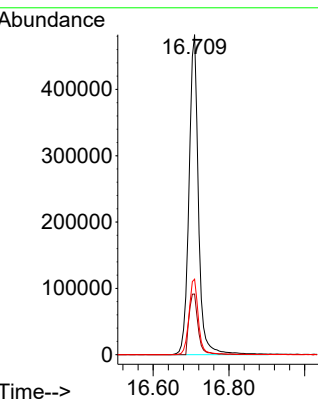
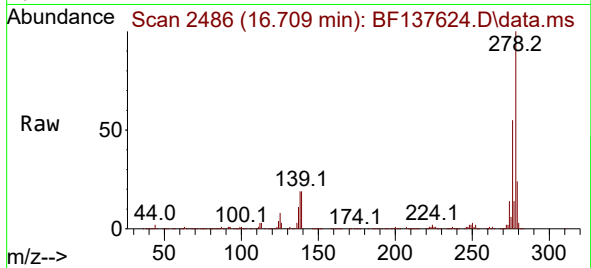
139 18.9 17.0 25.6

279 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024



#92

Benzo(g,h,i)perylene

Concen: 44.989 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.006 min

Lab File: BF137624.D

Acq: 18 Mar 2024 11:35

Tgt Ion:276 Resp: 855390

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 27.2 22.2 33.2

