

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137154.D
 Acq On : 25 Jan 2024 18:33
 Operator : CG\JU
 Sample : P1240-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

Quant Time: Jan 26 10:17:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	74286	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	284041	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	165937	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	318894	20.000	ng	0.00
76) Chrysene-d12	13.992	240	165424	20.000	ng	0.00
86) Perylene-d12	15.474	264	191081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	562686	112.220	ng	0.02
7) Phenol-d6	6.445	99	712513	108.077	ng	0.00
23) Nitrobenzene-d5	7.375	82	510818	84.306	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	230835	132.242	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	925542	77.651	ng	0.00
79) Terphenyl-d14	12.939	244	1059915	91.622	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	85808	35.418	ng	# 81
3) Pyridine	3.510	79	168838	28.876	ng	97
4) n-Nitrosodimethylamine	3.463	42	136306	40.006	ng	94
6) Aniline	6.475	93	88152	11.083	ng	96
8) 2-Chlorophenol	6.598	128	228709	44.439	ng	97
9) Benzaldehyde	6.369	77	114502	33.107	ng	98
10) Phenol	6.457	94	280474	37.240	ng	96
11) bis(2-Chloroethyl)ether	6.557	93	238645	43.462	ng	95
12) 1,3-Dichlorobenzene	6.751	146	236780	40.275	ng	98
13) 1,4-Dichlorobenzene	6.828	146	240829	40.500	ng	98
14) 1,2-Dichlorobenzene	6.981	146	231183	41.139	ng	98
15) Benzyl Alcohol	6.957	79	248908	46.571	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	383327	39.566	ng	97
17) 2-Methylphenol	7.063	107	191545	43.430	ng	99
18) Hexachloroethane	7.322	117	82091	40.898	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	195809	43.900	ng	97
20) 3+4-Methylphenols	7.216	107	243868	43.756	ng	91
22) Acetophenone	7.222	105	348692	43.182	ng	# 90
24) Nitrobenzene	7.392	77	285220	46.811	ng	97
25) Isophorone	7.634	82	531068	44.388	ng	98
26) 2-Nitrophenol	7.704	139	104494	49.780	ng	99
27) 2,4-Dimethylphenol	7.745	122	168085	46.461	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	298664	44.306	ng	99
29) 2,4-Dichlorophenol	7.945	162	198325	45.605	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	217014	42.380	ng	99
31) Naphthalene	8.110	128	666655	43.465	ng	99
32) Benzoic acid	7.863	122	108151	45.906	ng	92
33) 4-Chloroaniline	8.157	127	46216	7.982	ng	99
34) Hexachlorobutadiene	8.228	225	143357	42.296	ng	97
35) Caprolactam	8.528	113	56628m	43.162	ng	
36) 4-Chloro-3-methylphenol	8.639	107	236753	47.796	ng	98
37) 2-Methylnaphthalene	8.804	142	458284	44.365	ng	100
38) 1-Methylnaphthalene	8.904	142	431485	44.956	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	238826	42.340	ng	99
41) Hexachlorocyclopentadiene	8.957	237	233028	101.624	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	156269	47.110	ng	98

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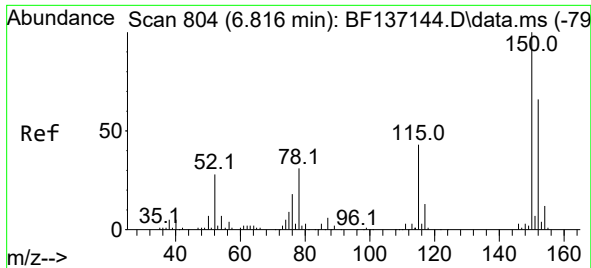
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	168638	47.371	ng	98
46) 1,1'-Biphenyl	9.269	154	591804	44.735	ng	99
47) 2-Chloronaphthalene	9.292	162	433373	44.505	ng	99
48) 2-Nitroaniline	9.386	65	157117	48.204	ng	92
49) Acenaphthylene	9.710	152	696238	44.485	ng	99
50) Dimethylphthalate	9.575	163	533217	47.449	ng	100
51) 2,6-Dinitrotoluene	9.633	165	114059	50.338	ng	95
52) Acenaphthene	9.880	154	475335m	49.071	ng	
53) 3-Nitroaniline	9.798	138	42989	20.948	ng	96
54) 2,4-Dinitrophenol	9.904	184	86844	83.233	ng	87
55) Dibenzofuran	10.057	168	656501	44.929	ng	100
56) 4-Nitrophenol	9.963	139	157750	96.631	ng	94
57) 2,4-Dinitrotoluene	10.039	165	152117	52.592	ng	89
58) Fluorene	10.398	166	503228	44.927	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	147976	47.658	ng	97
60) Diethylphthalate	10.280	149	532343	48.302	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	252718	45.264	ng	99
62) 4-Nitroaniline	10.422	138	98211	47.961	ng	98
63) Azobenzene	10.551	77	573977	44.720	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	62467	48.939	ng	80
66) n-Nitrosodiphenylamine	10.516	169	459823	47.033	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	169133	46.030	ng	99
68) Hexachlorobenzene	10.945	284	178515	46.193	ng	97
69) Atrazine	11.045	200	159516	50.645	ng	99
70) Pentachlorophenol	11.139	266	212141	96.333	ng	97
71) Phenanthrene	11.363	178	767406	45.478	ng	99
72) Anthracene	11.416	178	781249	45.448	ng	99
73) Carbazole	11.569	167	651358	44.375	ng	99
74) Di-n-butylphthalate	11.916	149	829647	53.977	ng	99
75) Fluoranthene	12.557	202	752451	42.971	ng	98
77) Benzidine	12.680	184	21740	6.777	ng	96
78) Pyrene	12.786	202	744149	49.880	ng	100
80) Butylbenzylphthalate	13.421	149	221515	63.998	ng	95
81) Benzo(a)anthracene	13.980	228	588947	48.669	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	102878	34.387	ng	100
83) Chrysene	14.015	228	552475	48.169	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	351199	66.630	ng	98
85) Di-n-octyl phthalate	14.610	149	548846	66.672	ng	95
87) Indeno(1,2,3-cd)pyrene	16.986	276	548894	42.786	ng	100
88) Benzo(b)fluoranthene	15.045	252	569233	45.403	ng	98
89) Benzo(k)fluoranthene	15.074	252	535095	43.680	ng	97
90) Benzo(a)pyrene	15.415	252	500791	45.216	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	459086	44.400	ng	98
92) Benzo(g,h,i)perylene	17.445	276	406634	40.835	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

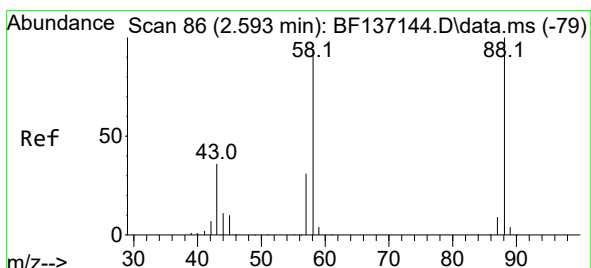
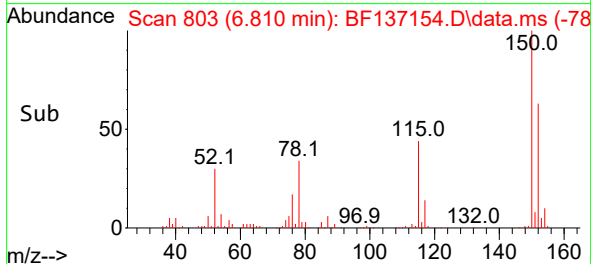
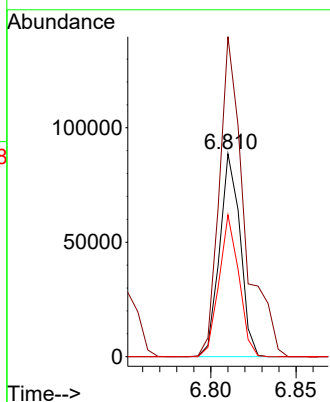
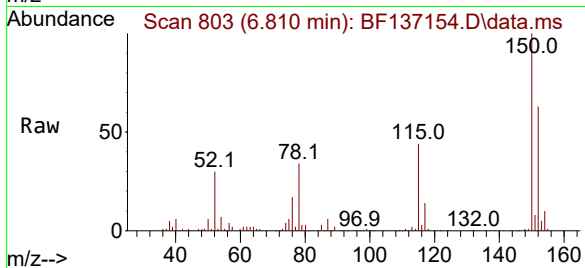
72-11985MS

Tgt Ion:152 Resp: 74280
Ion Ratio Lower Upper
152 100
150 157.7 121.2 181.8
115 69.8 52.5 78.7

Manual Integrations

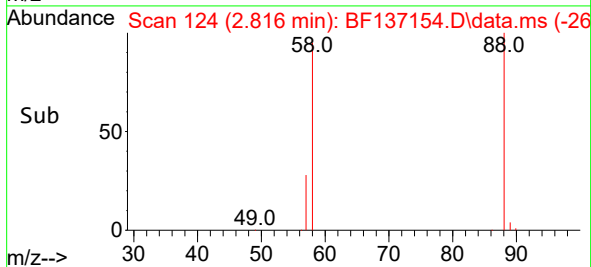
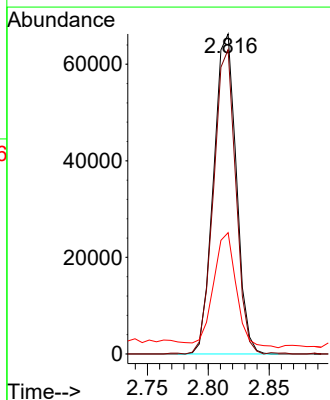
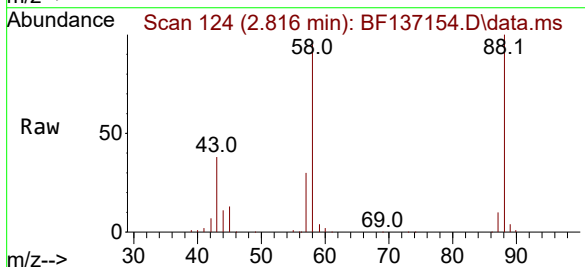
APPROVED

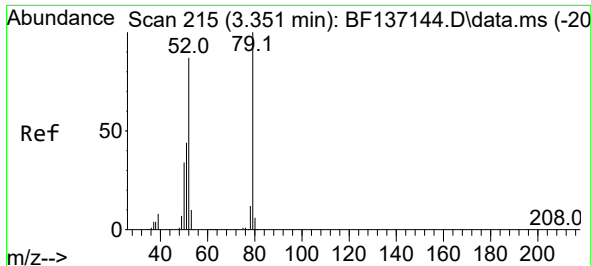
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#2
1,4-Dioxane
Concen: 35.418 ng
RT: 2.816 min Scan# 124
Delta R.T. 0.224 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

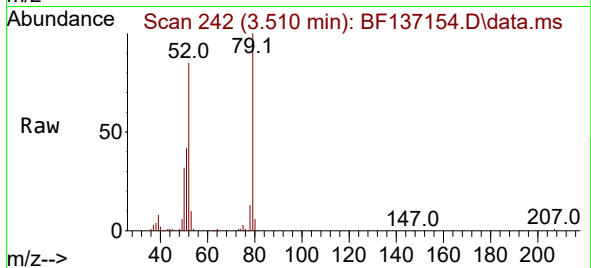
Tgt Ion: 88 Resp: 85808
Ion Ratio Lower Upper
88 100
58 93.3 76.9 115.3
43 0.0 29.8 44.8





#3
Pyridine
Concen: 28.876 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.159 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

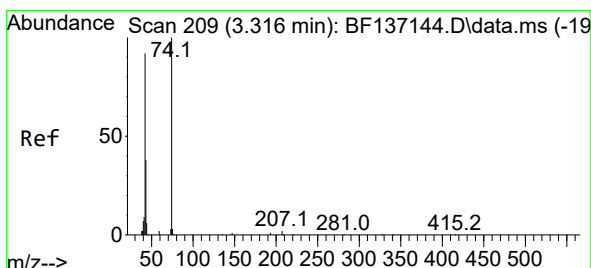
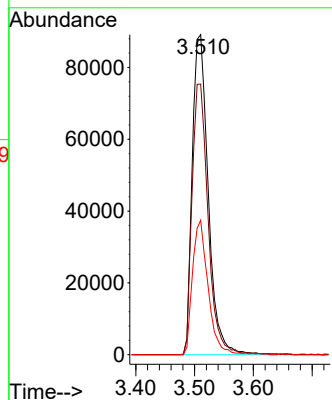
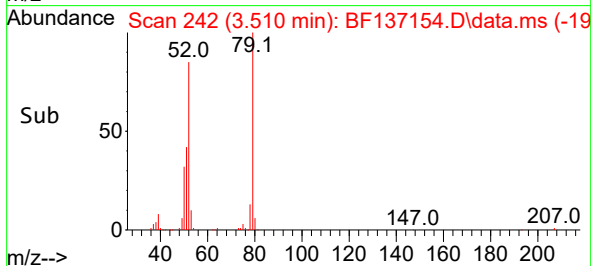
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 79 Resp: 168838
Ion Ratio Lower Upper
79 100
52 84.6 69.8 104.8
51 42.1 35.1 52.7

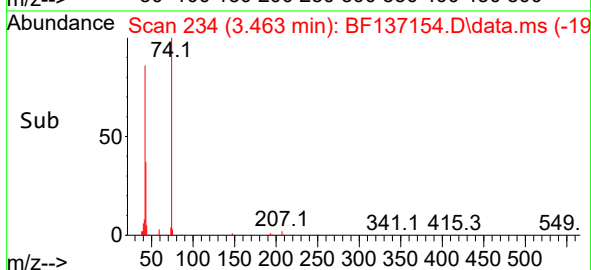
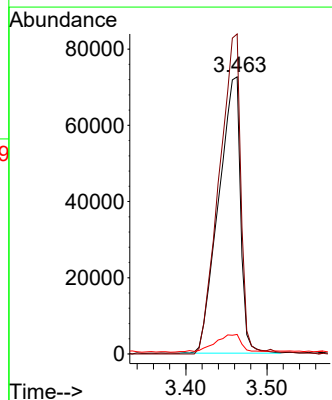
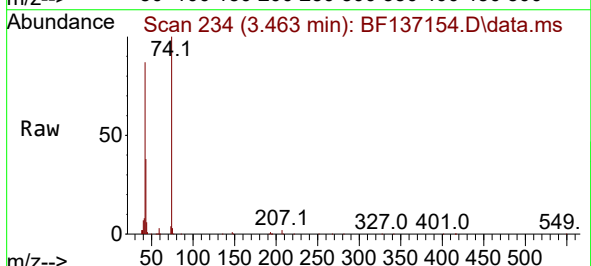
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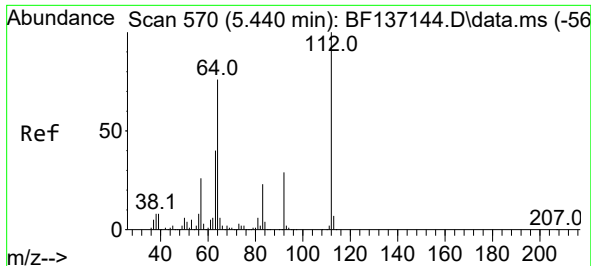
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#4
n-Nitrosodimethylamine
Concen: 40.006 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.147 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 42 Resp: 136306
Ion Ratio Lower Upper
42 100
74 115.4 87.4 131.0
44 7.0 6.2 9.2





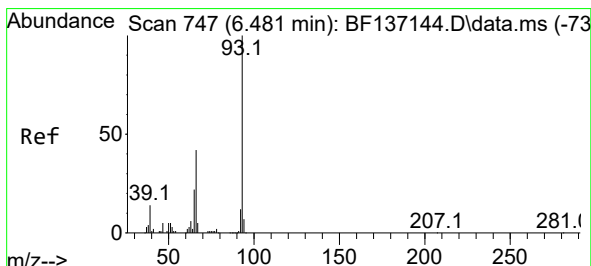
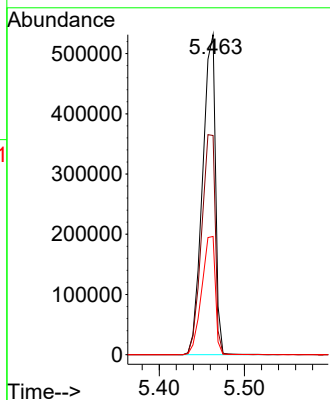
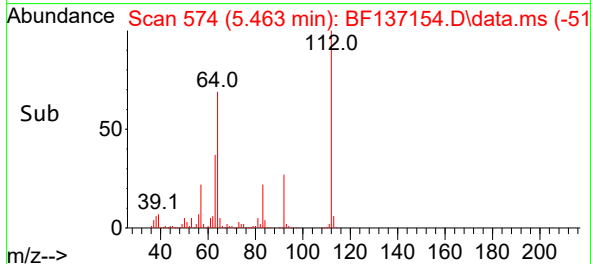
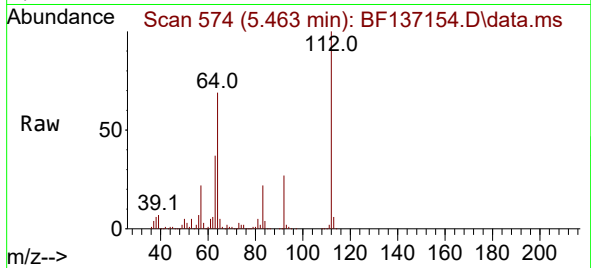
#5
2-Fluorophenol
Concen: 112.220 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:112 Resp: 562680
Ion Ratio Lower Upper
112 100
64 68.5 60.8 91.2
63 37.0 32.1 48.1

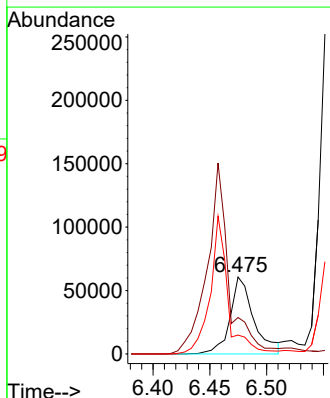
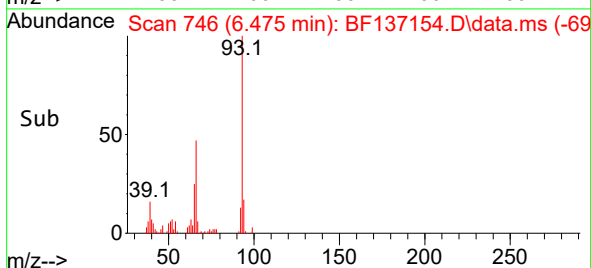
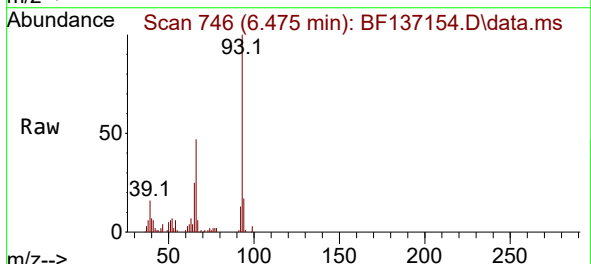
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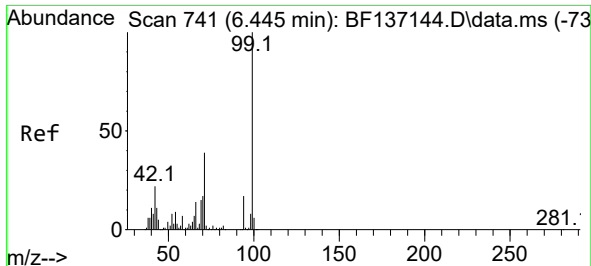
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#6
Aniline
Concen: 11.083 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

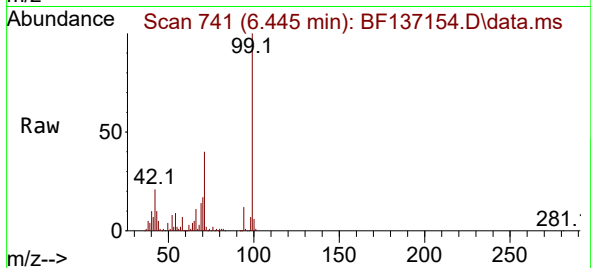
Tgt Ion: 93 Resp: 88152
Ion Ratio Lower Upper
93 100
66 47.5 35.4 53.0
65 24.6 18.3 27.5





#7
Phenol-d6
Concen: 108.077 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

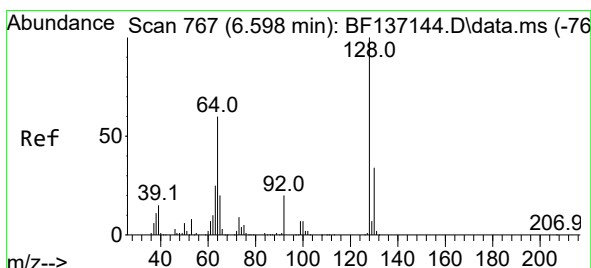
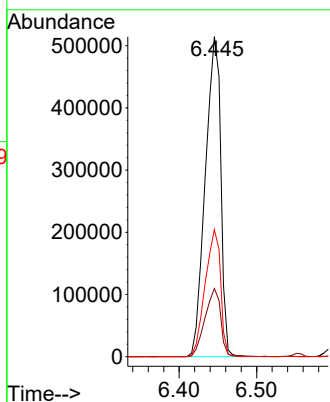
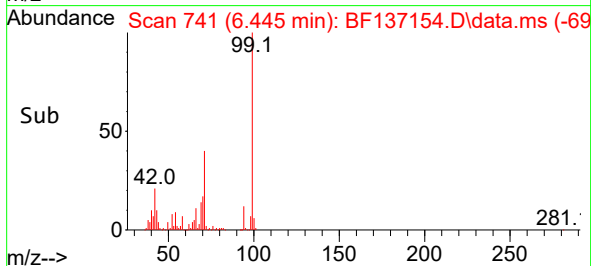
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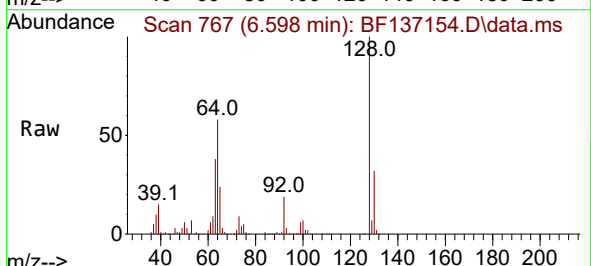
Tgt Ion: 99 Resp: 71251
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 39.7 31.2 46.8

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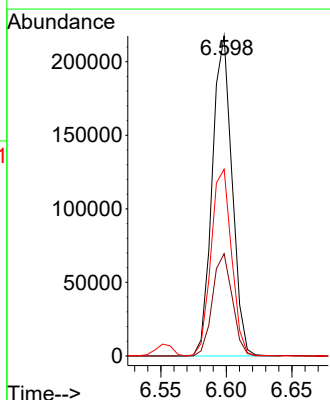
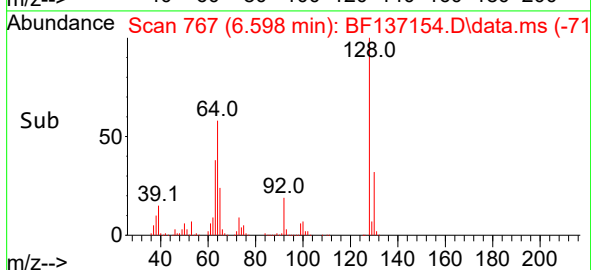
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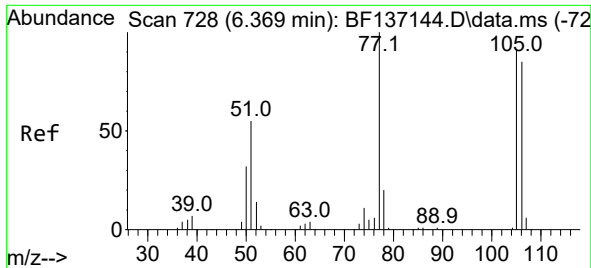


#8
2-Chlorophenol
Concen: 44.439 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



Tgt Ion:128 Resp: 228709
Ion Ratio Lower Upper
128 100
130 32.0 14.1 54.1
64 58.4 40.6 80.6





#9

Benzaldehyde

Concen: 33.107 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

Tgt Ion: 77 Resp: 114502

Ion Ratio Lower Upper

77 100

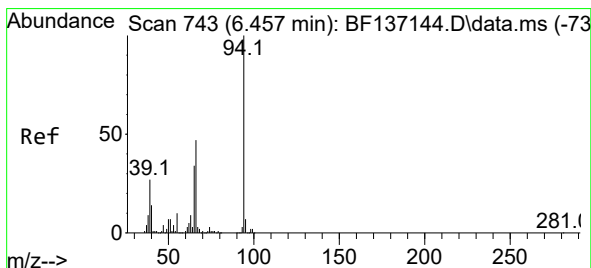
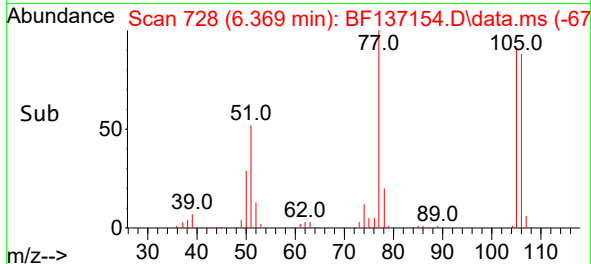
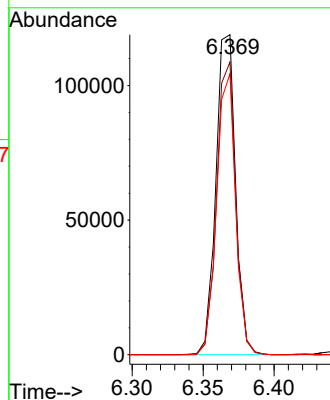
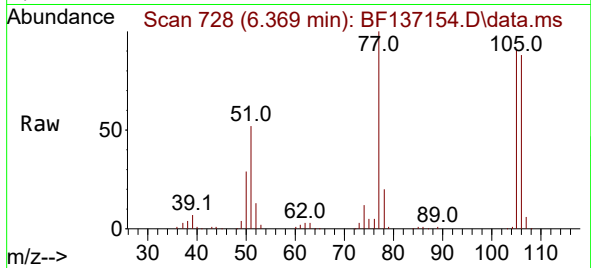
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106 87.8 65.0 105.0

Manual Integrations

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#10

Phenol

Concen: 37.240 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

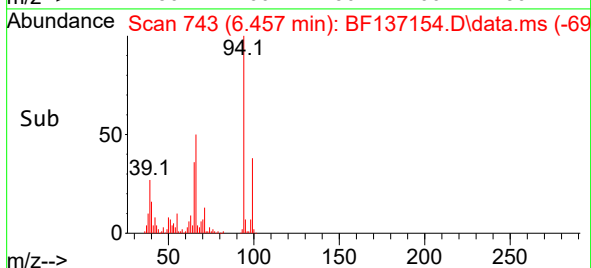
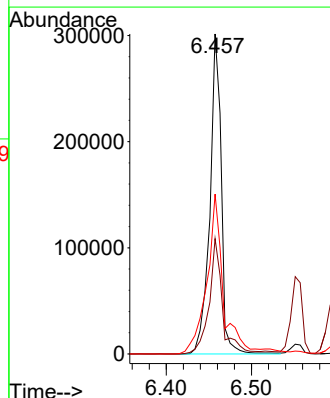
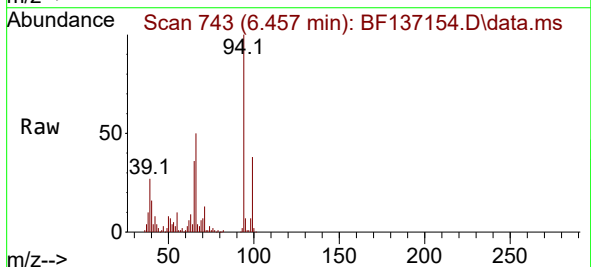
Tgt Ion: 94 Resp: 280474

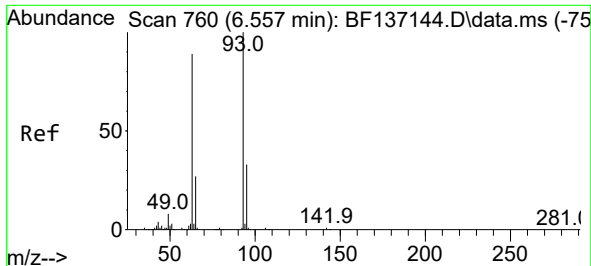
Ion Ratio Lower Upper

94 100

65 36.0 14.1 54.1

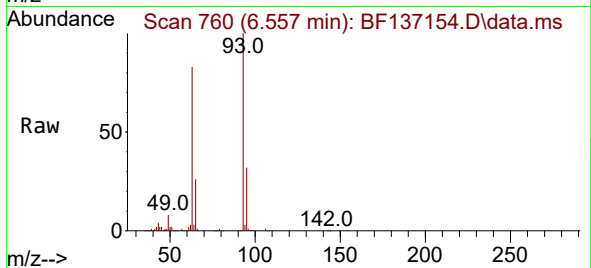
66 50.0 26.9 66.9





#11
bis(2-Chloroethyl)ether
Concen: 43.462 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

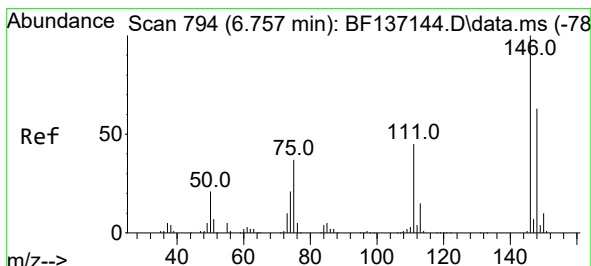
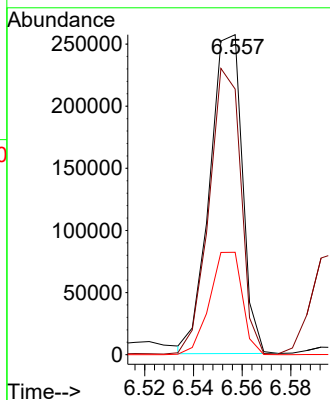
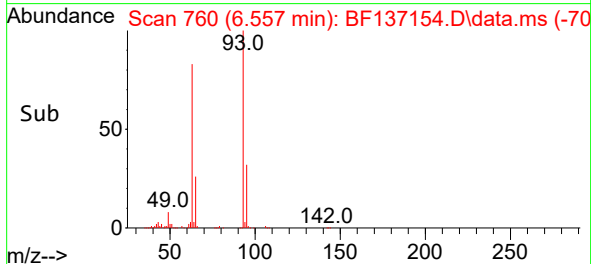
Instrument :
BNA_F
ClientSampleId :
72-11985MS



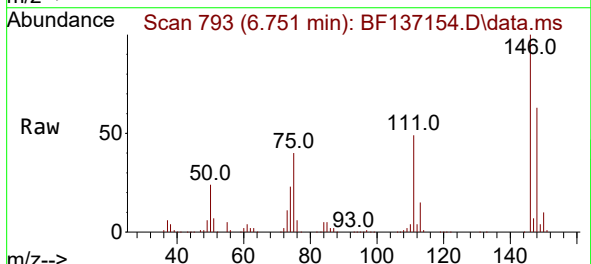
Tgt Ion: 93 Resp: 238649
Ion Ratio Lower Upper
93 100
63 83.0 69.3 109.3
95 32.0 12.9 52.9

Manual Integrations
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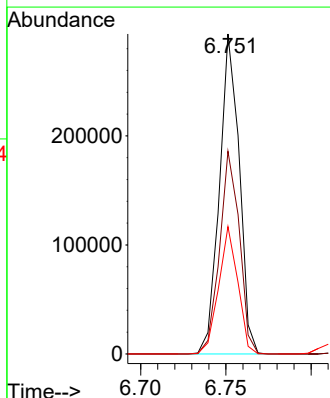
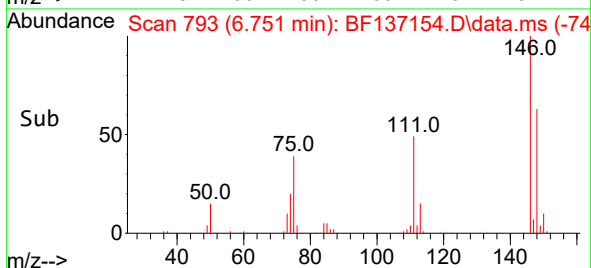
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

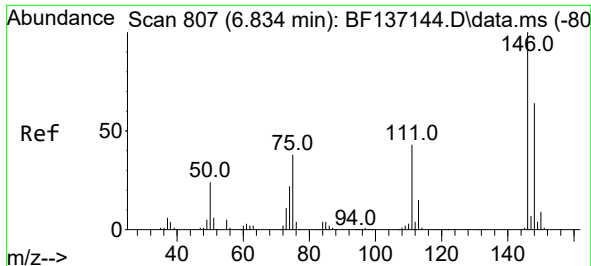


#12
1,3-Dichlorobenzene
Concen: 40.275 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



Tgt Ion:146 Resp: 236780
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 39.8 29.4 44.2





#13

1,4-Dichlorobenzene

Concen: 40.500 ng

RT: 6.828 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

Tgt Ion:146 Resp: 240829

Ion Ratio Lower Upper

146 100

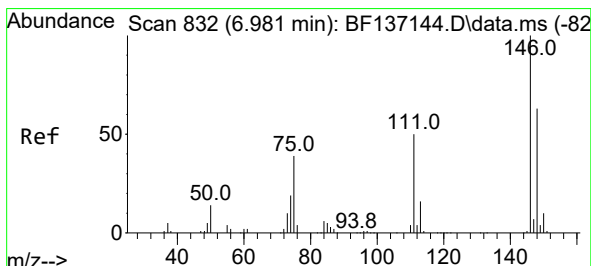
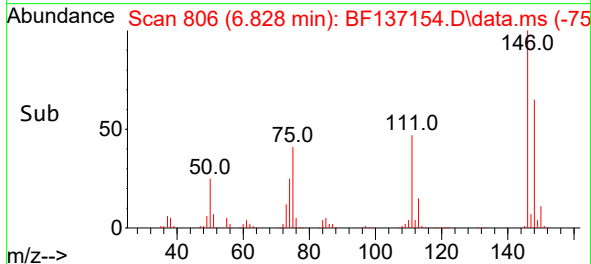
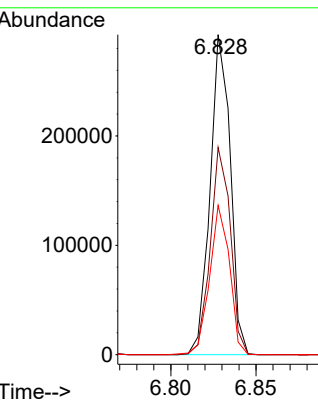
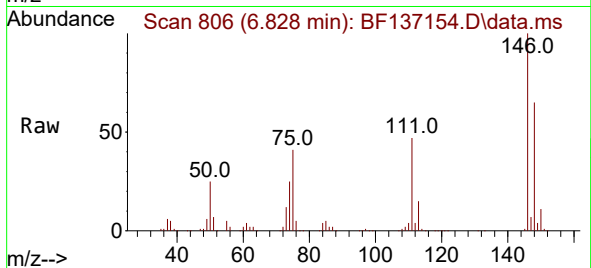
148 64.8 51.6 77.4

111 46.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#14

1,2-Dichlorobenzene

Concen: 41.139 ng

RT: 6.981 min Scan# 832

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

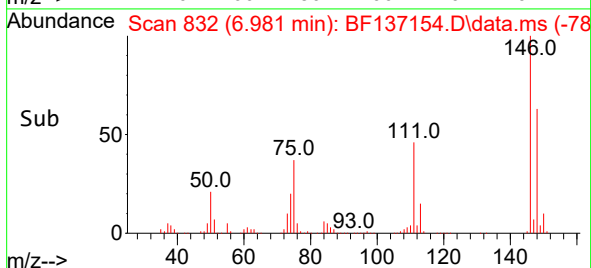
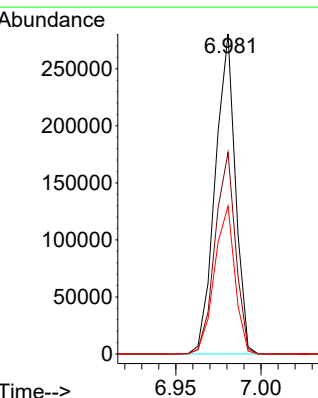
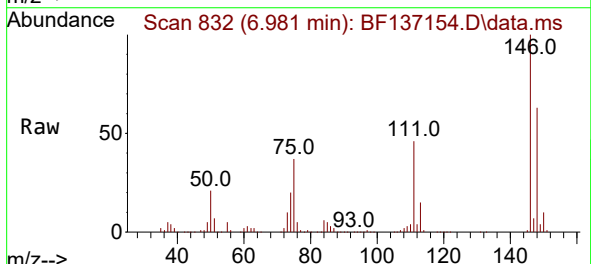
Tgt Ion:146 Resp: 231183

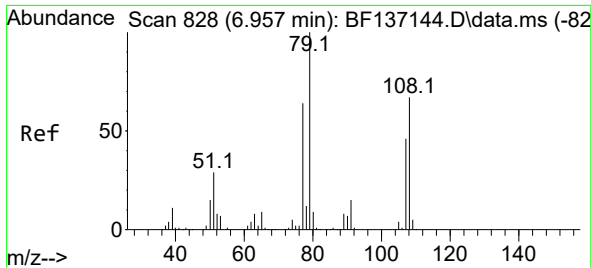
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 46.2 39.6 59.4





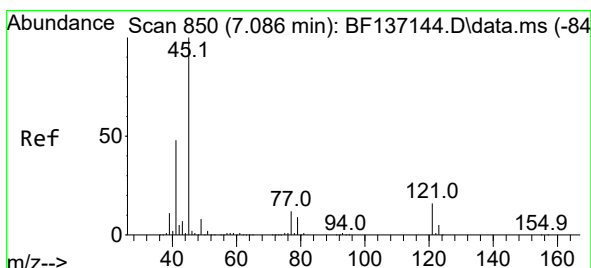
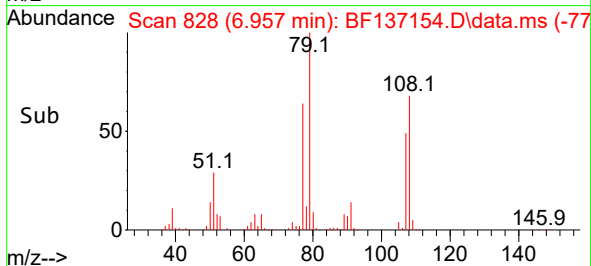
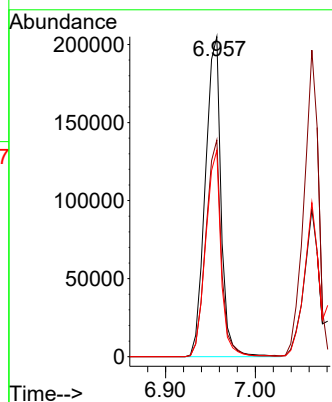
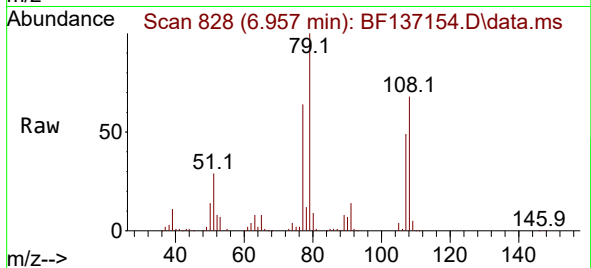
#15
Benzyl Alcohol
Concen: 46.571 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion: 79 Resp: 248908
Ion Ratio Lower Upper
79 100
108 67.7 53.3 79.9
77 64.4 51.1 76.7

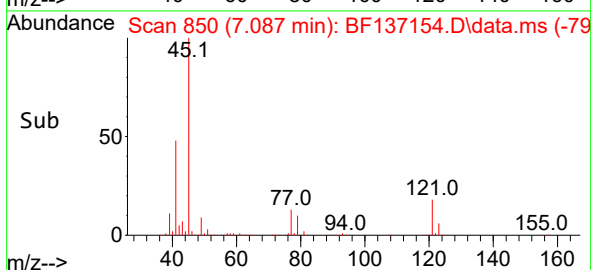
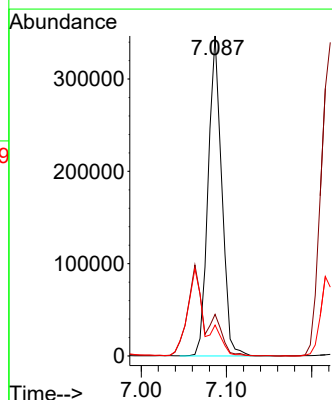
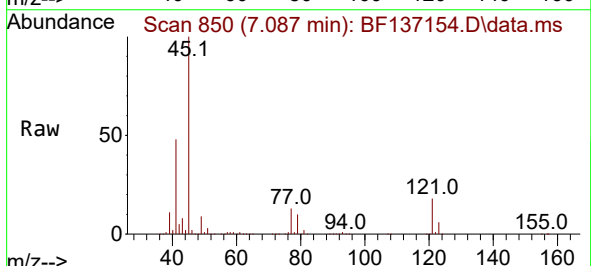
Manual Integrations
APPROVED

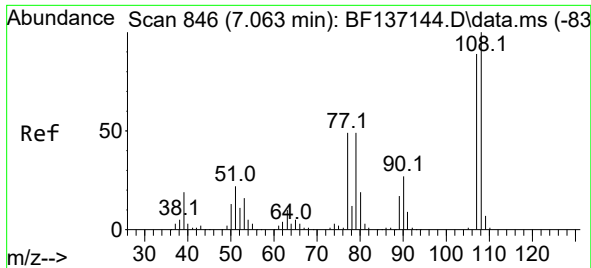
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.566 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 45 Resp: 383327
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.9
79 9.6 0.0 28.9





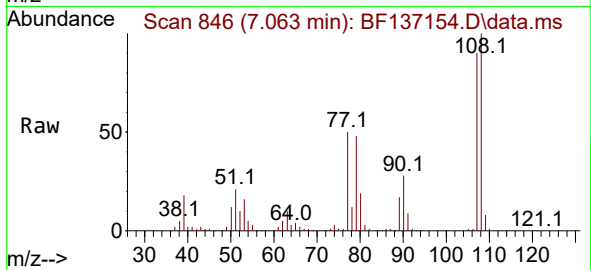
#17
2-Methylphenol
Concen: 43.430 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

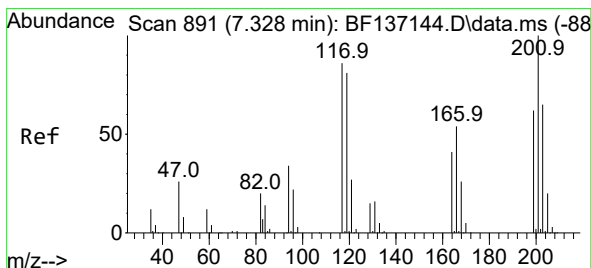
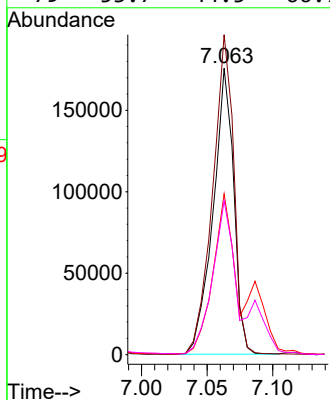
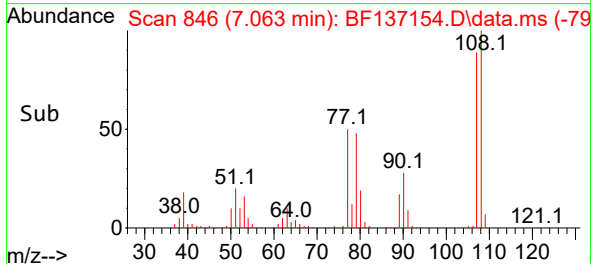


Tgt Ion:107 Resp: 19154
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.6
77 56.1 44.2 66.4
79 53.7 44.5 66.7

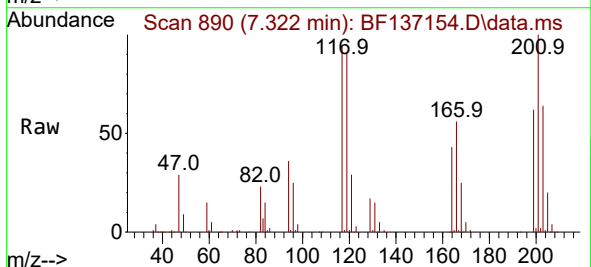
Manual Integrations

APPROVED

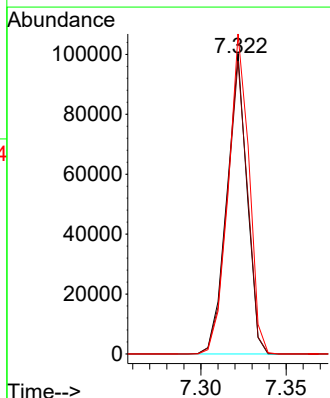
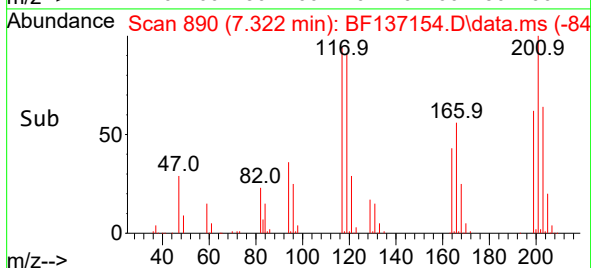
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

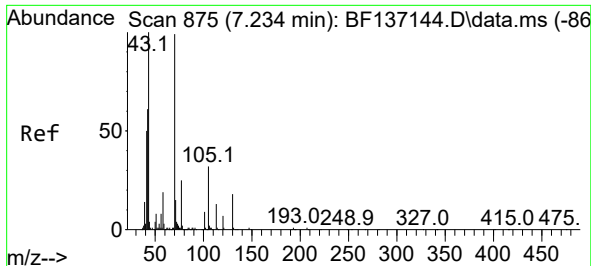


#18
Hexachloroethane
Concen: 40.898 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



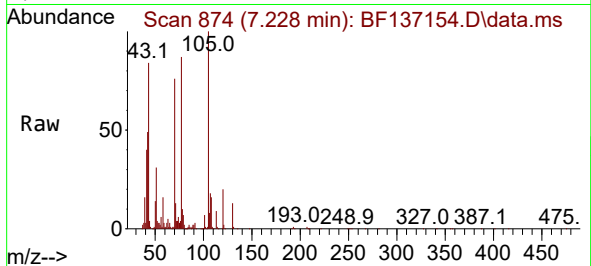
Tgt Ion:117 Resp: 82091
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.6
201 106.4 93.0 139.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.900 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

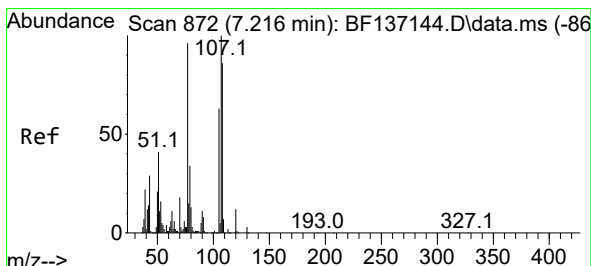
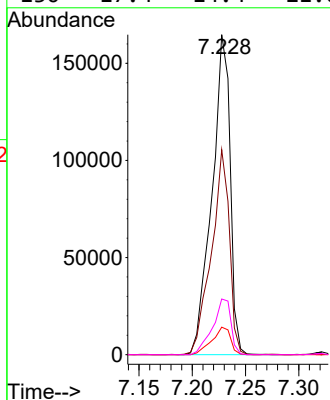
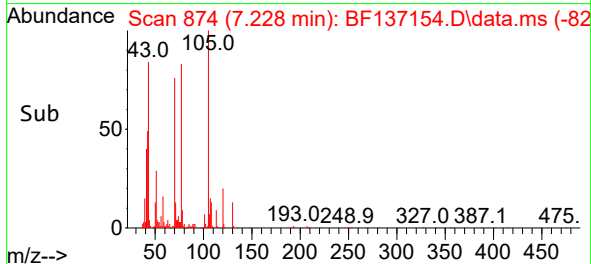
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 70 Resp: 195809
Ion Ratio Lower Upper
70 100
42 64.1 49.3 73.9
101 8.6 7.4 11.0
130 17.4 14.4 21.6

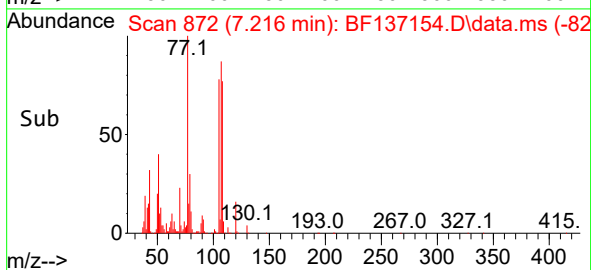
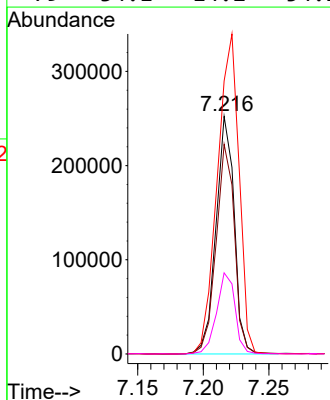
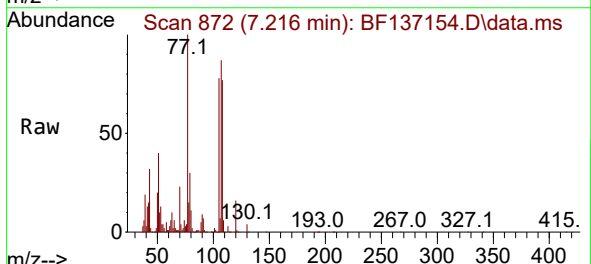
Manual Integrations
APPROVED

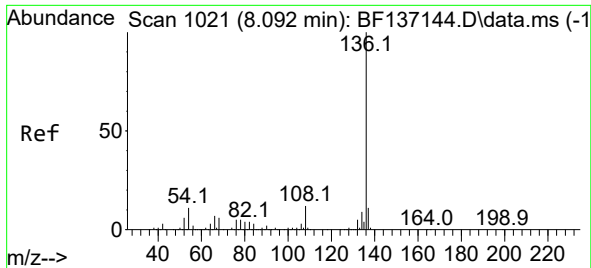
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#20
3+4-Methylphenols
Concen: 43.756 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:107 Resp: 243868
Ion Ratio Lower Upper
107 100
108 88.2 66.0 106.0
77 114.8 76.4 116.4
79 34.1 14.2 54.2





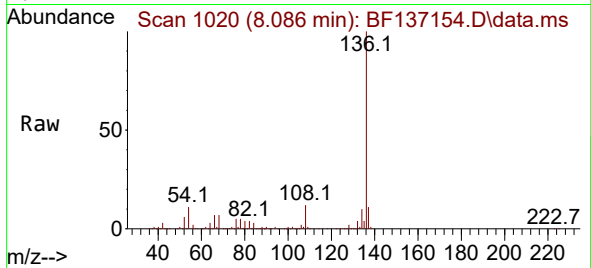
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

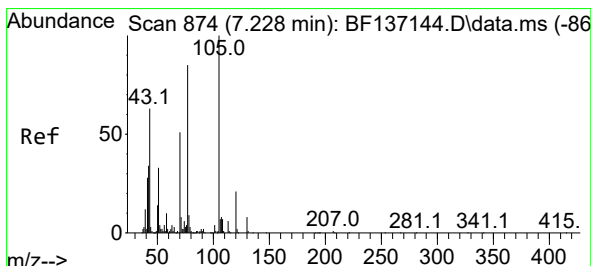
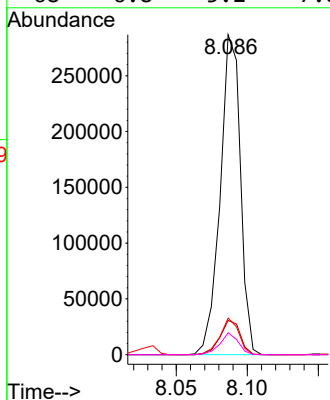
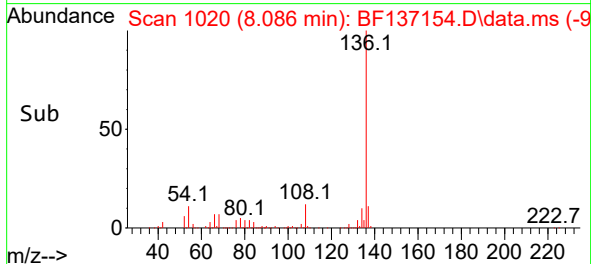


Tgt Ion:136 Resp: 28404
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 11.5 8.8 13.2
68 6.8 5.2 7.8

Manual Integrations

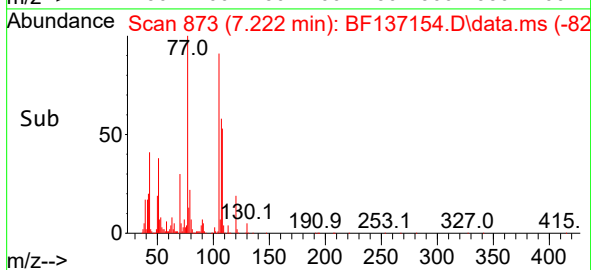
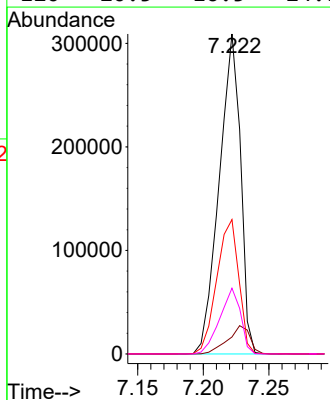
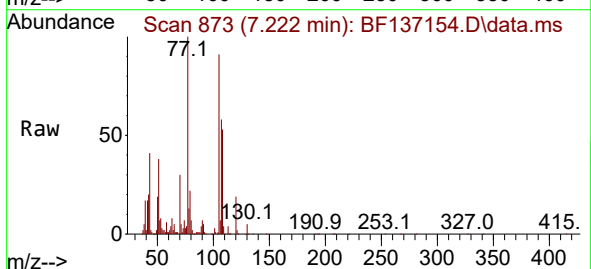
APPROVED

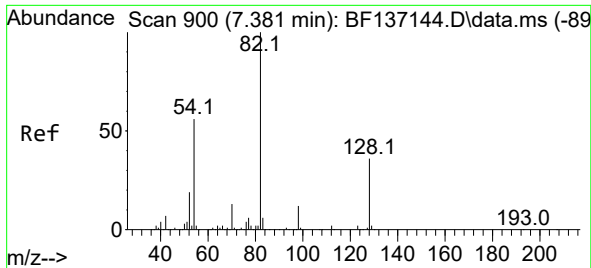
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#22
Acetophenone
Concen: 43.182 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:105 Resp: 348692
Ion Ratio Lower Upper
105 100
71 5.3 6.3 9.5#
51 42.0 26.1 39.1#
120 20.5 16.5 24.7





#23
Nitrobenzene-d5
Concen: 84.306 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

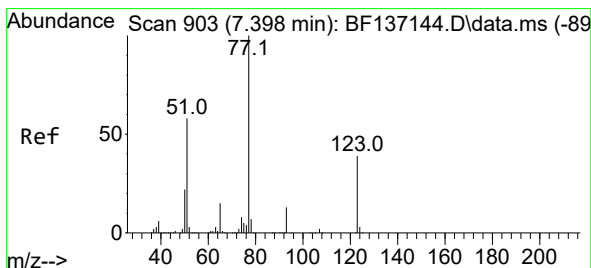
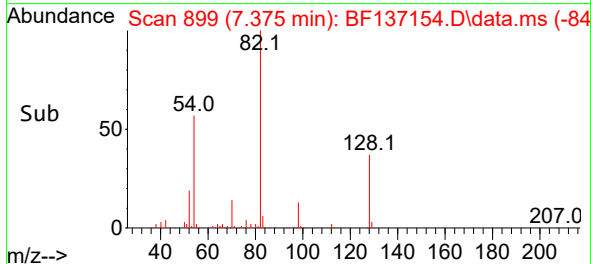
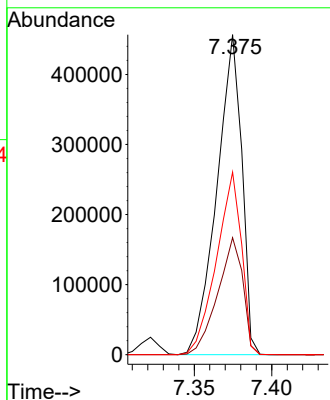
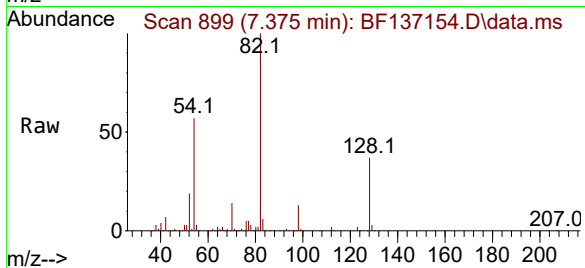
ClientSampleId :

72-11985MS

Tgt Ion: 82 Resp: 510818
Ion Ratio Lower Upper
82 100
128 36.6 29.0 43.6
54 57.0 44.6 67.0

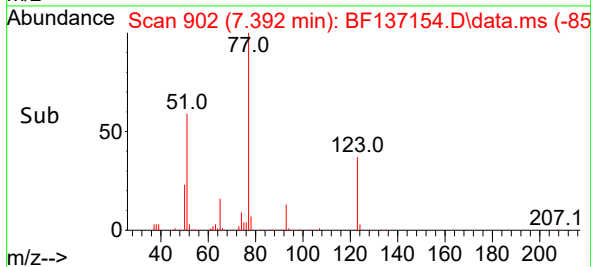
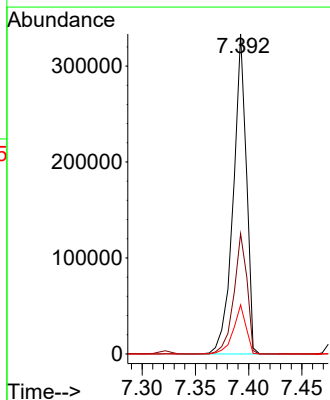
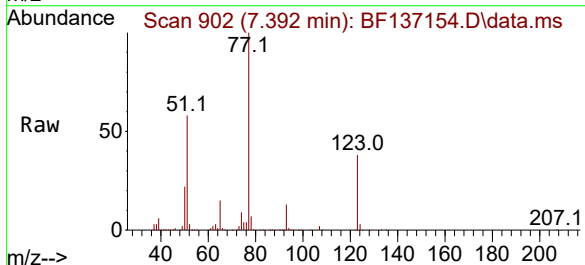
Manual Integrations
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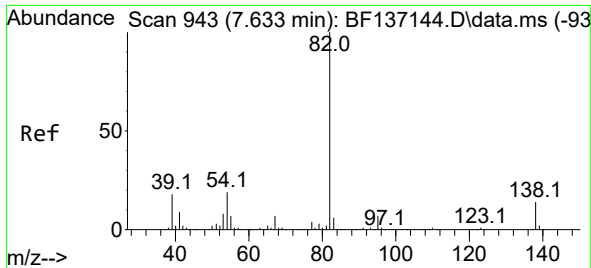
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#24
Nitrobenzene
Concen: 46.811 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 77 Resp: 285220
Ion Ratio Lower Upper
77 100
123 37.6 31.6 47.4
65 15.4 11.6 17.4





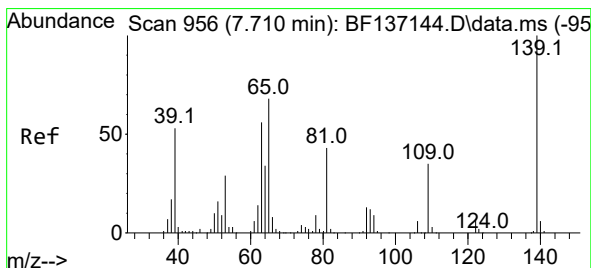
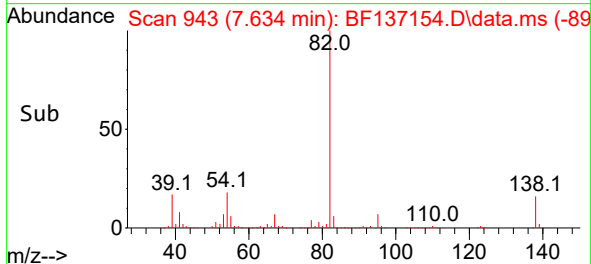
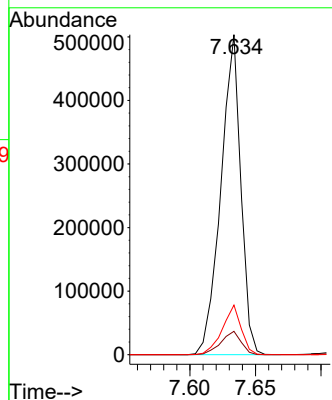
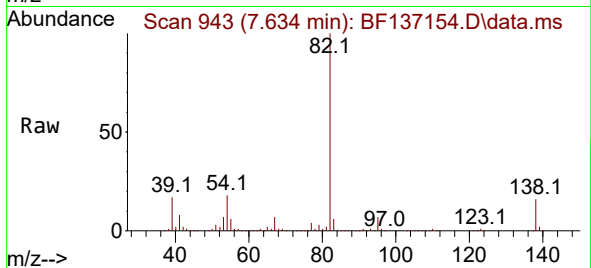
#25
Isophorone
Concen: 44.388 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.001 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion: 82 Resp: 531068
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 15.5 11.5 17.3

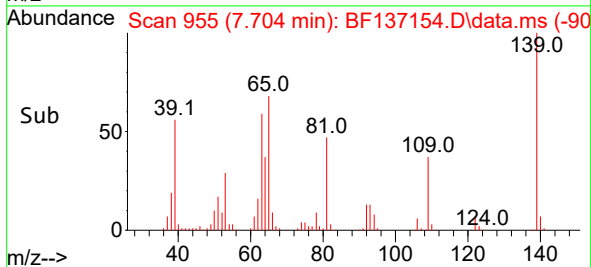
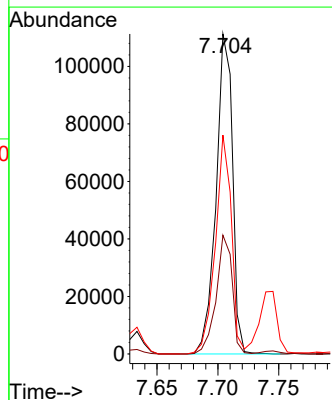
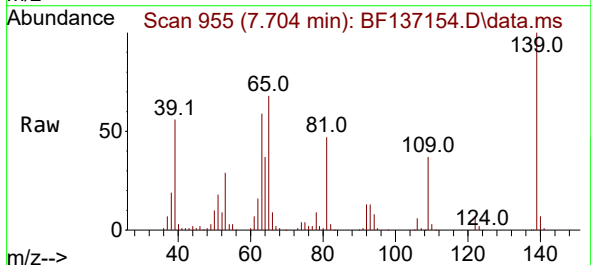
Manual Integrations
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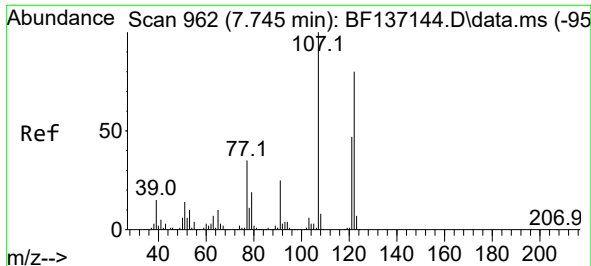
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#26
2-Nitrophenol
Concen: 49.780 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

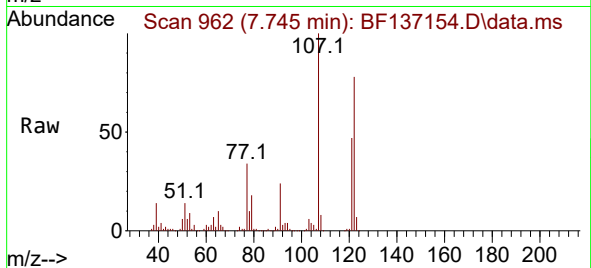
Tgt Ion:139 Resp: 104494
Ion Ratio Lower Upper
139 100
109 37.1 27.8 41.8
65 68.4 54.6 82.0





#27
2,4-Dimethylphenol
Concen: 46.461 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

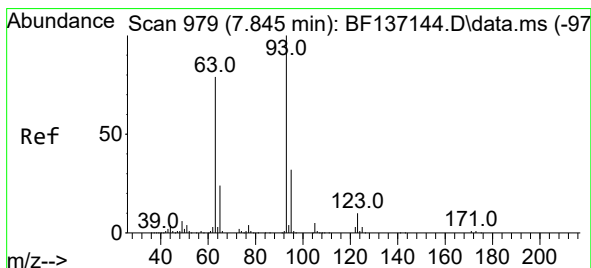
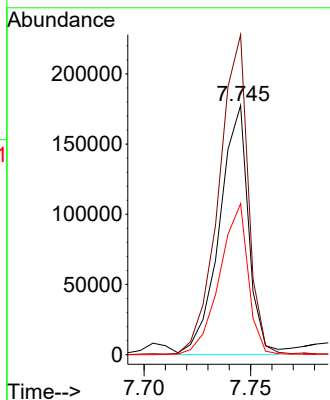
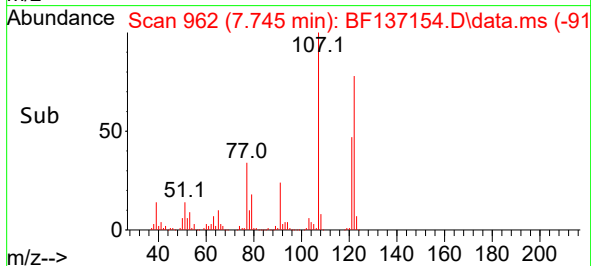
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:122 Resp: 16808
Ion Ratio Lower Upper
122 100
107 128.4 100.2 150.2
121 60.6 47.2 70.8

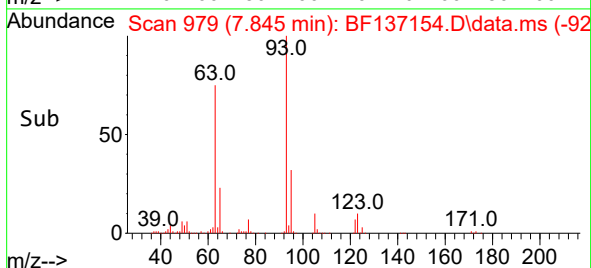
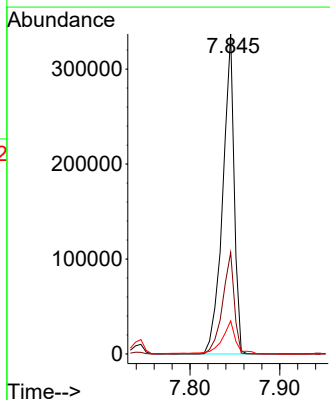
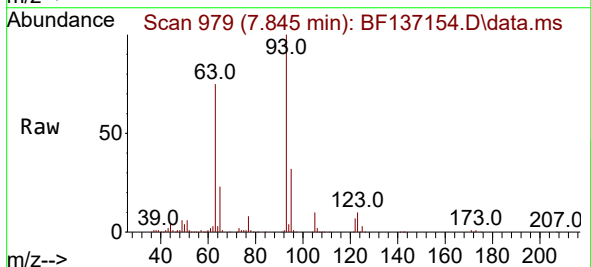
Manual Integrations
APPROVED

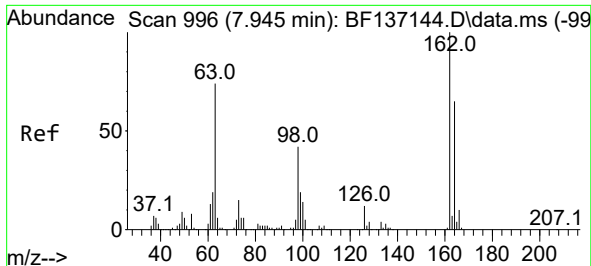
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.306 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

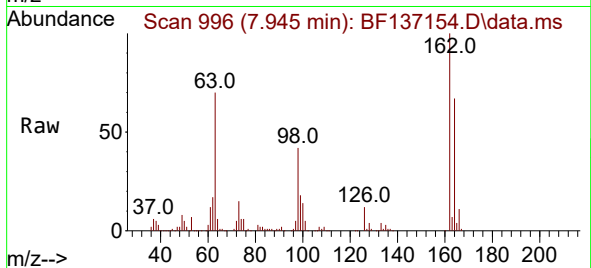
Tgt Ion: 93 Resp: 298664
Ion Ratio Lower Upper
93 100
95 31.7 25.9 38.9
123 10.4 7.9 11.9





#29
2,4-Dichlorophenol
Concen: 45.605 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

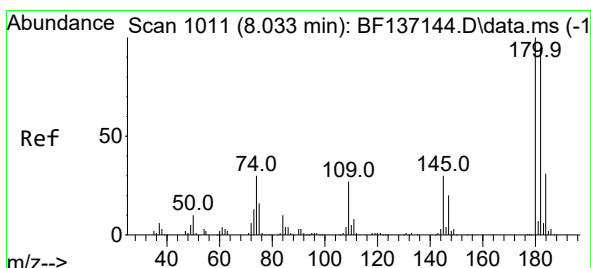
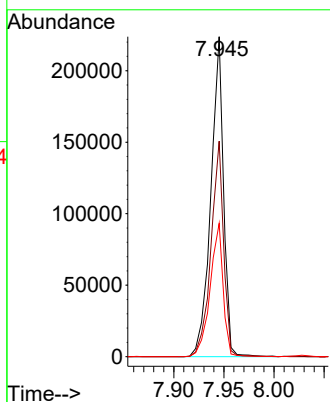
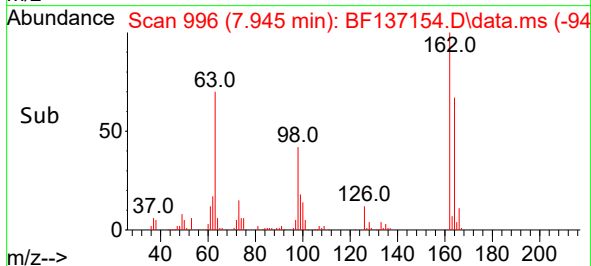
Instrument :
BNA_F
ClientSampleId :
72-11985MS



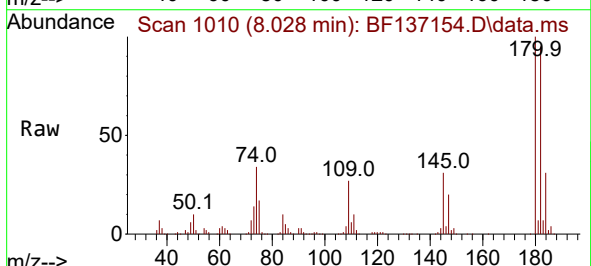
Tgt Ion:162 Resp: 198325
Ion Ratio Lower Upper
162 100
164 67.4 44.9 84.9
98 41.7 22.4 62.4

Manual Integrations
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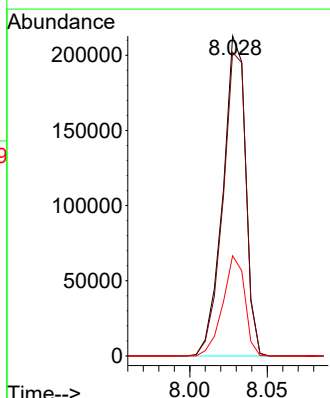
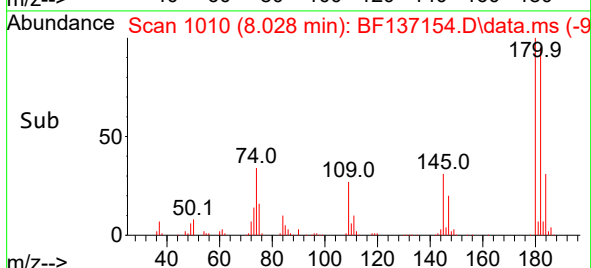
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

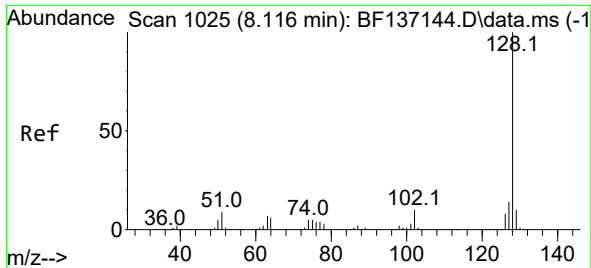


#30
1,2,4-Trichlorobenzene
Concen: 42.380 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



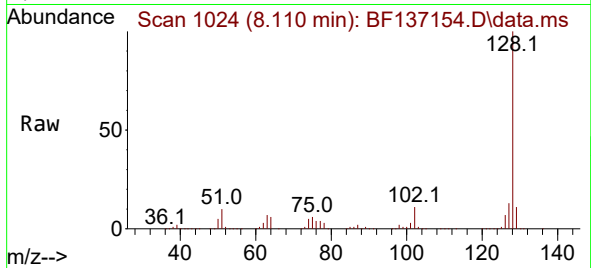
Tgt Ion:180 Resp: 217014
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 31.3 24.4 36.6





#31
Naphthalene
Concen: 43.465 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

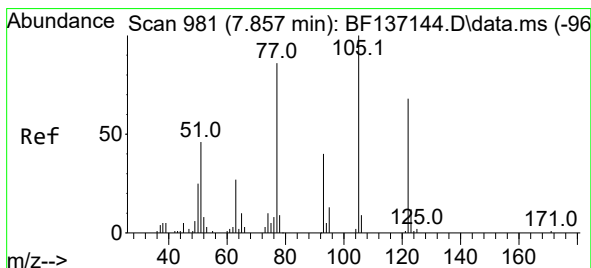
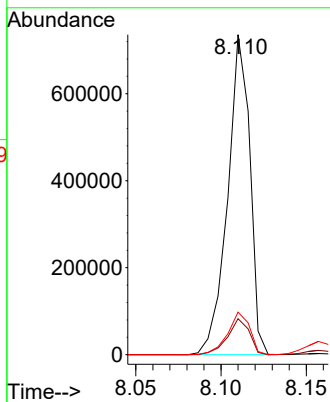
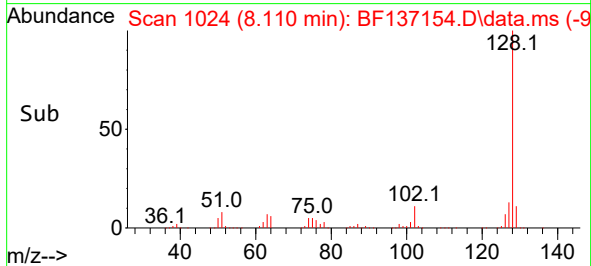
Instrument :
BNA_F
ClientSampleId :
72-11985MS



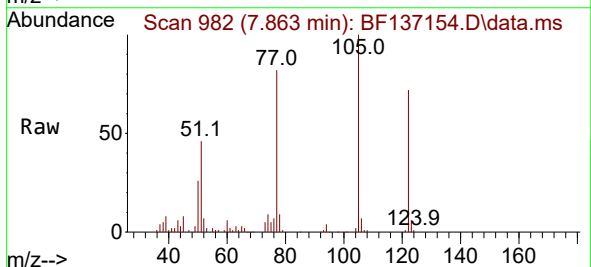
Tgt Ion:128 Resp: 66665
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.3 10.8 16.2

Manual Integrations
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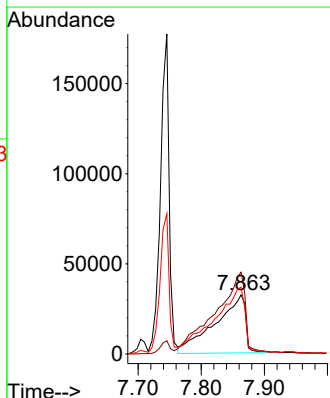
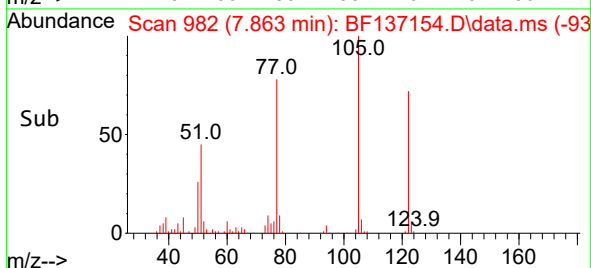
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

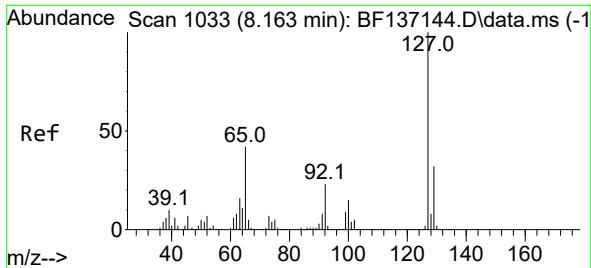


#32
Benzoic acid
Concen: 45.906 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



Tgt Ion:122 Resp: 108151
Ion Ratio Lower Upper
122 100
105 138.5 123.2 163.2
77 113.0 107.6 147.6





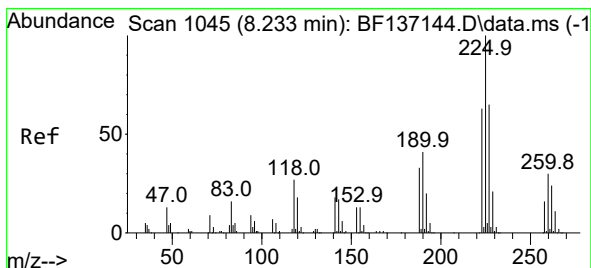
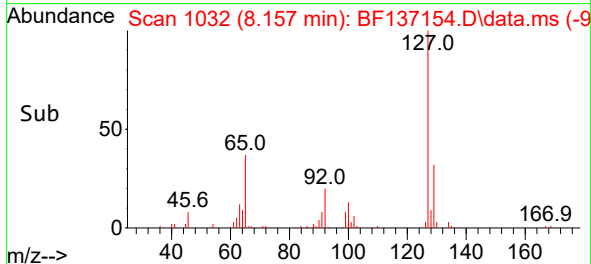
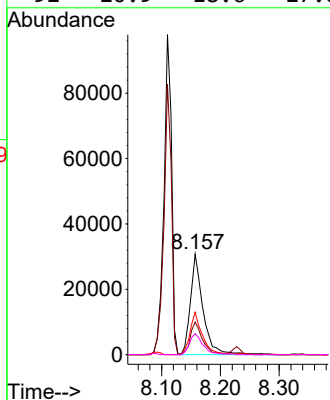
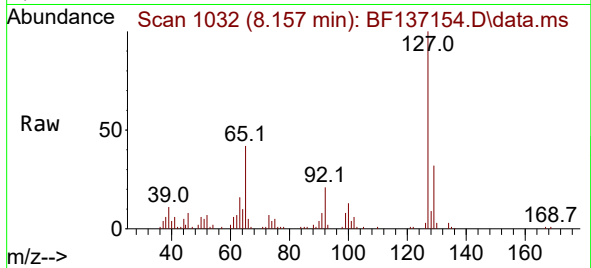
#33
4-Chloroaniline
Concen: 7.982 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:127 Resp: 46210
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 42.3 33.8 50.6
92 20.9 18.6 27.8

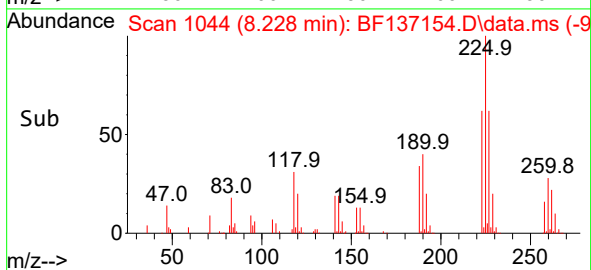
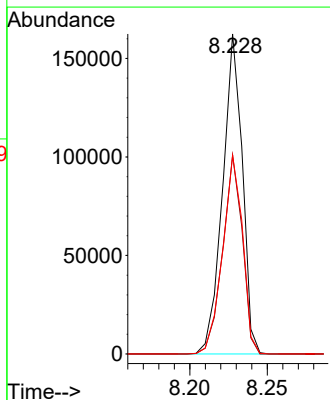
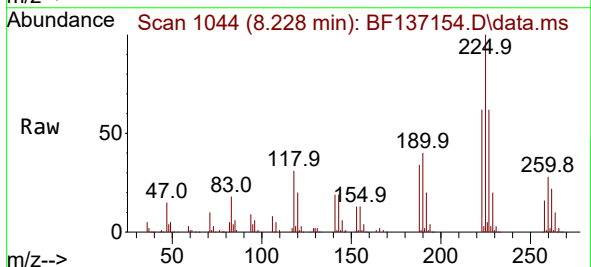
Manual Integrations
APPROVED

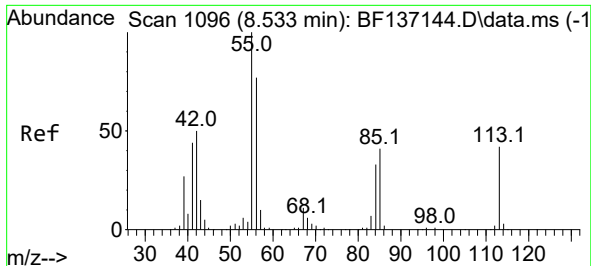
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#34
Hexachlorobutadiene
Concen: 42.296 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

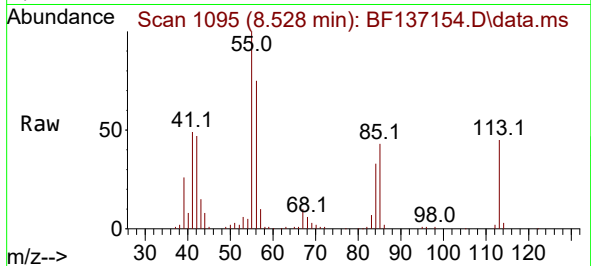
Tgt Ion:225 Resp: 143357
Ion Ratio Lower Upper
225 100
223 62.2 50.7 76.1
227 62.1 52.0 78.0





#35
Caprolactam
Concen: 43.162 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

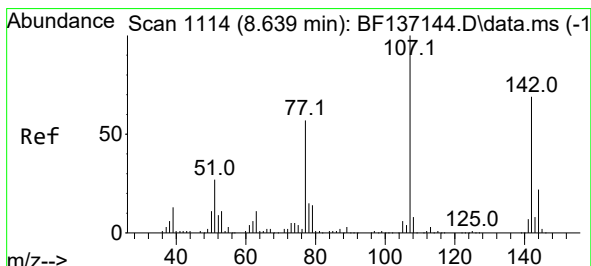
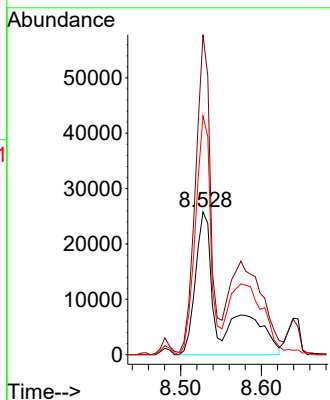
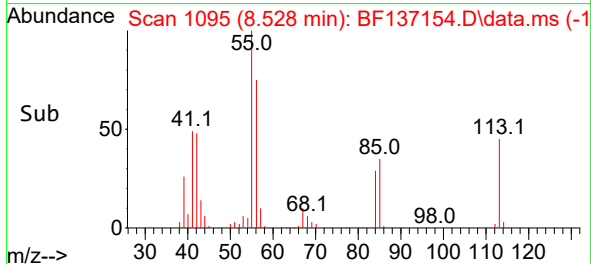
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:113 Resp: 56628
Ion Ratio Lower Upper
113 100
55 224.2 215.7 255.7
56 167.2 160.8 200.8

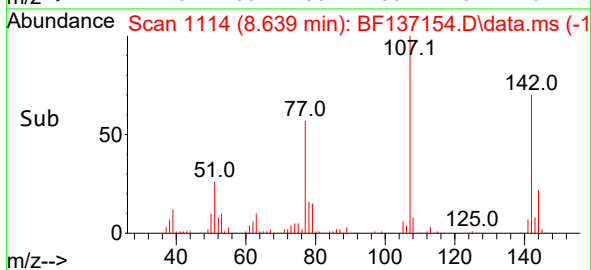
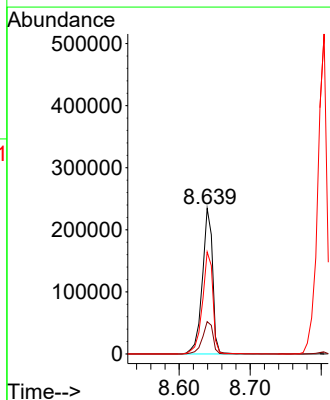
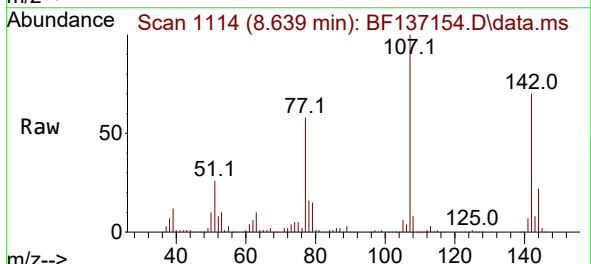
Manual Integrations
APPROVED

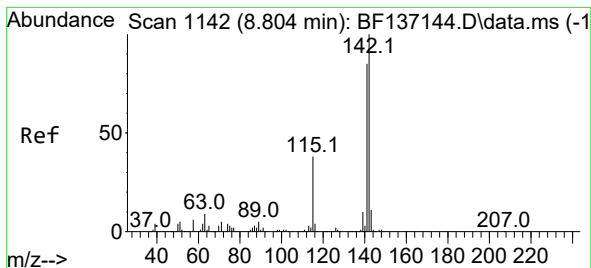
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#36
4-Chloro-3-methylphenol
Concen: 47.796 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:107 Resp: 236753
Ion Ratio Lower Upper
107 100
144 22.2 17.8 26.6
142 70.1 54.8 82.2





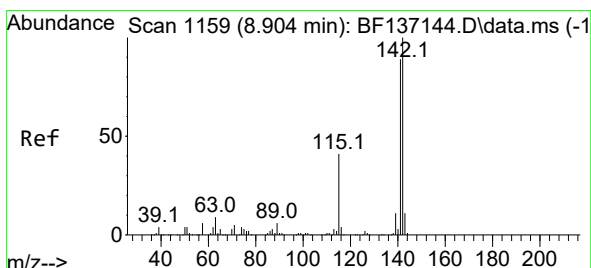
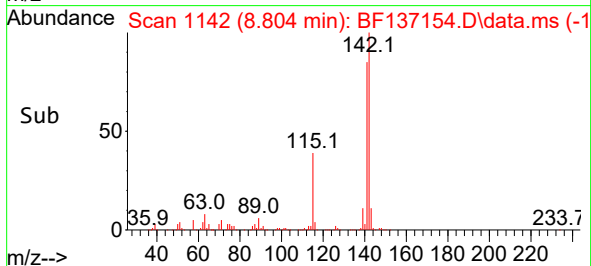
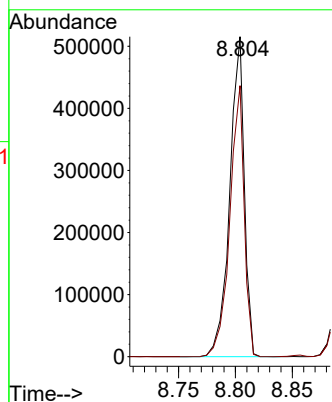
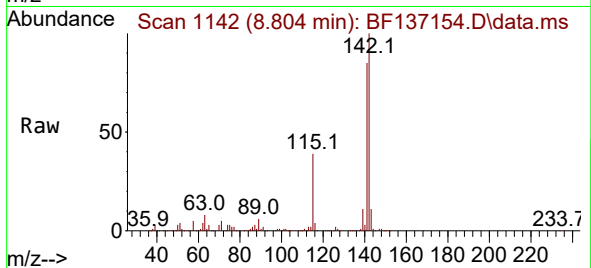
#37
2-Methylnaphthalene
Concen: 44.365 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:142 Resp: 458284
Ion Ratio Lower Upper
142 100
141 84.7 67.8 101.6

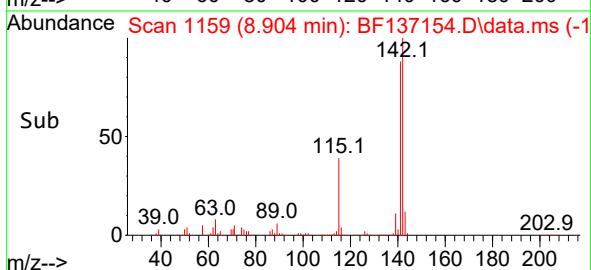
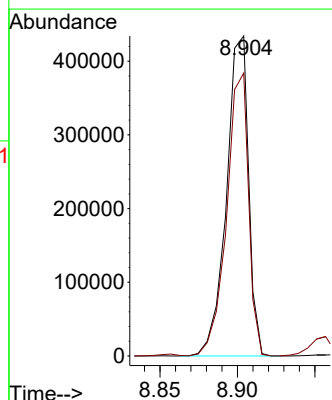
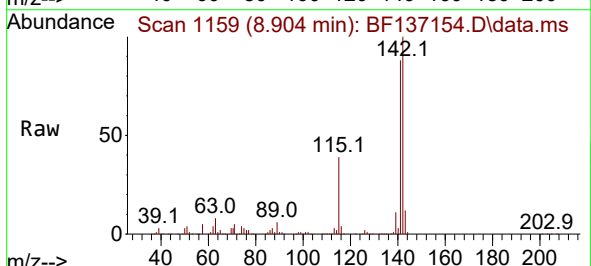
Manual Integrations
APPROVED

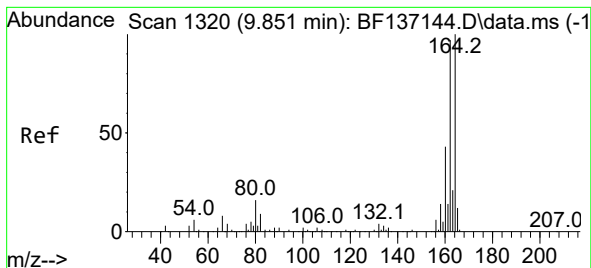
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#38
1-Methylnaphthalene
Concen: 44.956 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:142 Resp: 431485
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF137154.D

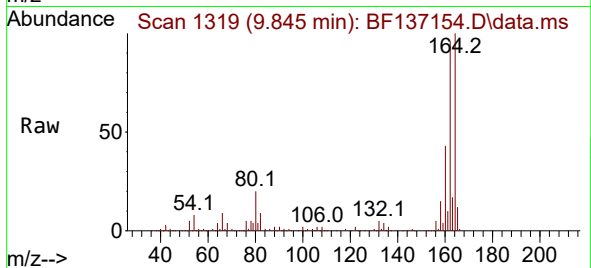
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS



Tgt Ion:164 Resp: 16593

Ion Ratio Lower Upper

164 100

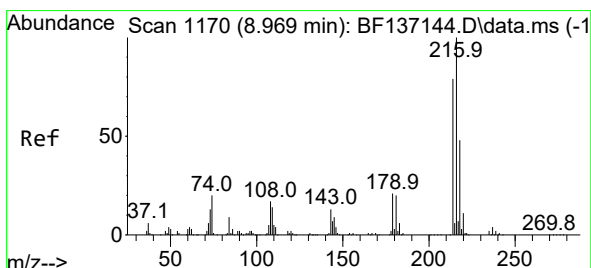
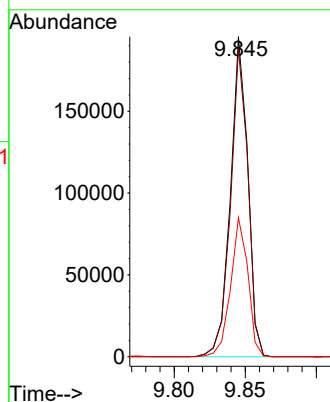
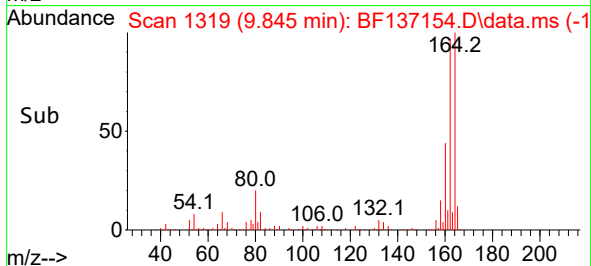
162 96.2 77.5 116.3

160 43.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.340 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Tgt Ion:216 Resp: 238826

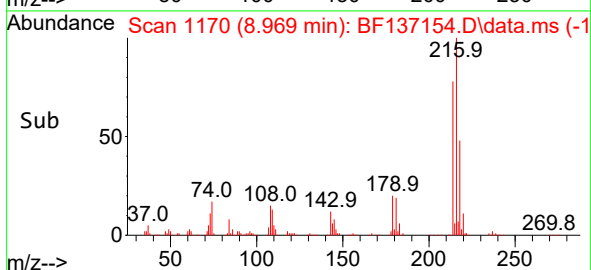
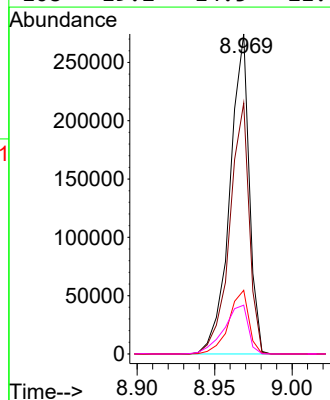
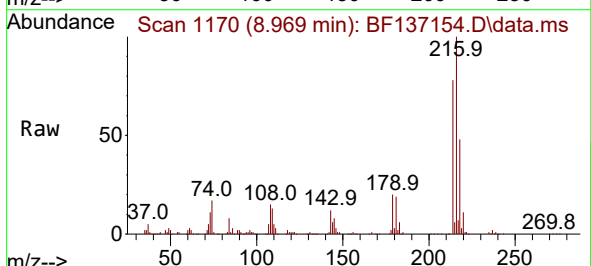
Ion Ratio Lower Upper

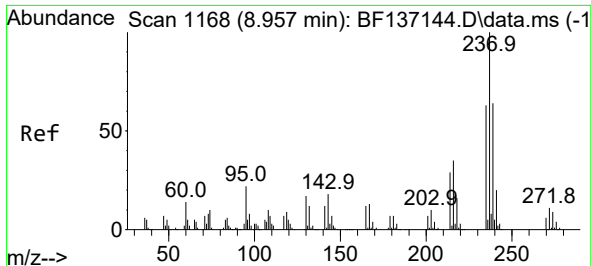
216 100

214 78.7 63.1 94.7

179 20.5 16.2 24.4

108 19.2 14.5 21.7





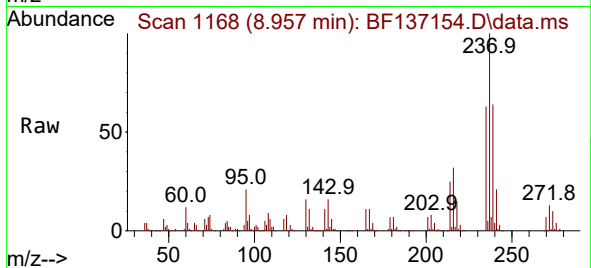
#41
Hexachlorocyclopentadiene
Concen: 101.624 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

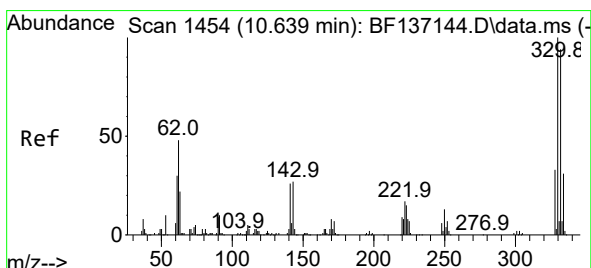
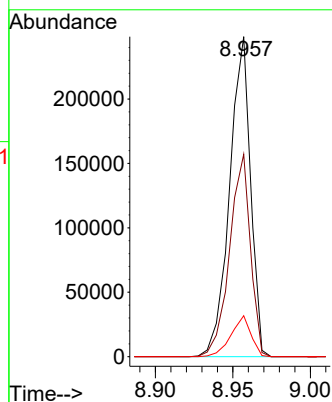
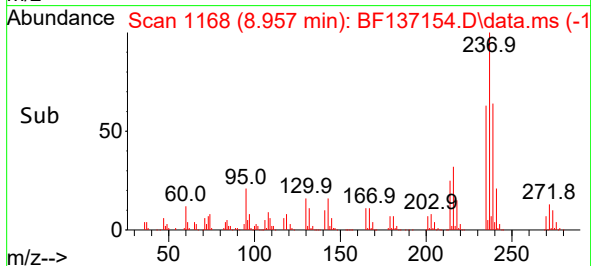


Tgt Ion:237 Resp: 233028
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 12.8 0.0 31.3

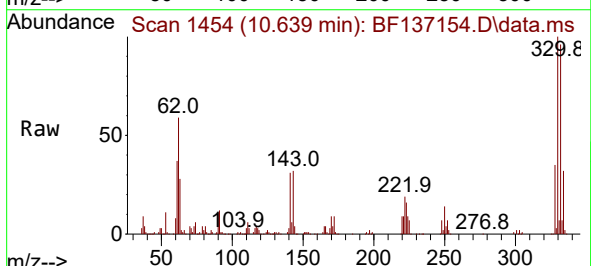
Manual Integrations

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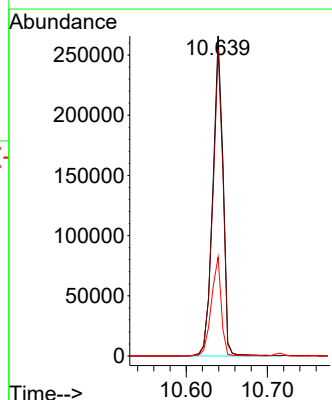
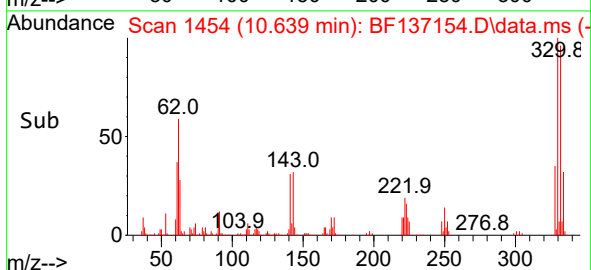
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

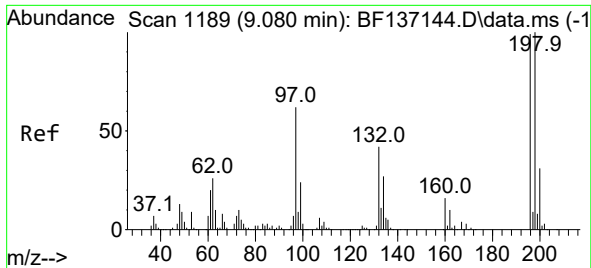


#42
2,4,6-Tribromophenol
Concen: 132.242 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



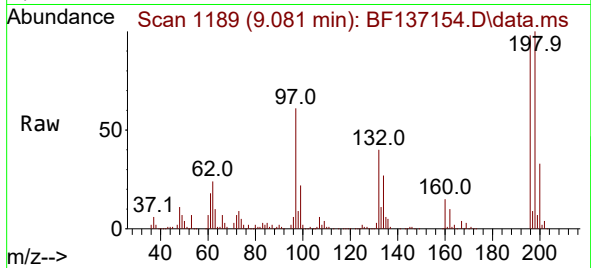
Tgt Ion:330 Resp: 230835
Ion Ratio Lower Upper
330 100
332 95.6 75.4 113.0
141 29.9 24.8 37.2





#43
2,4,6-Trichlorophenol
Concen: 47.110 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

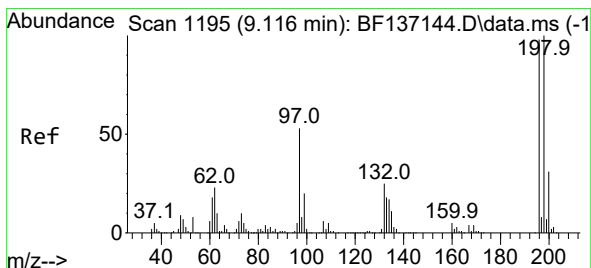
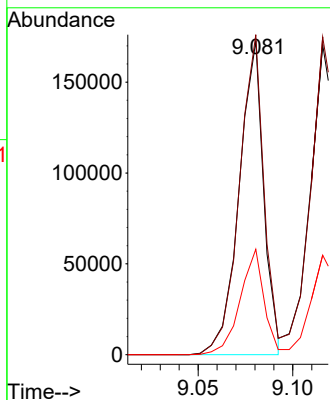
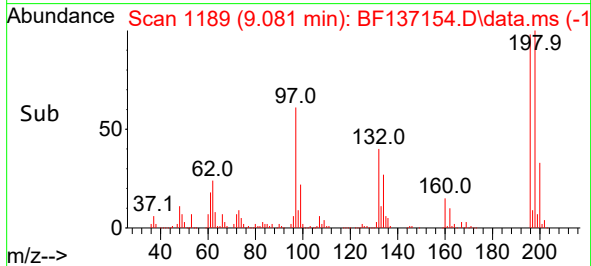
Instrument :
BNA_F
ClientSampleId :
72-11985MS



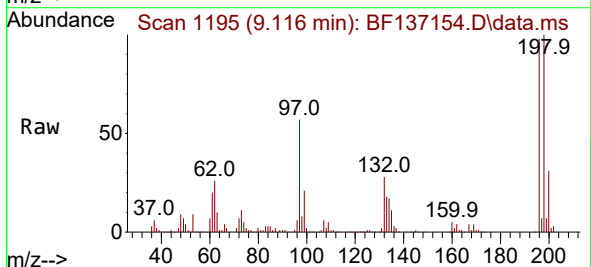
Tgt Ion:196 Resp: 156269
Ion Ratio Lower Upper
196 100
198 102.0 80.6 121.0
200 33.6 25.0 37.6

Manual Integrations
APPROVED

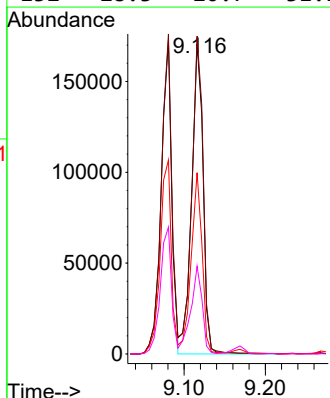
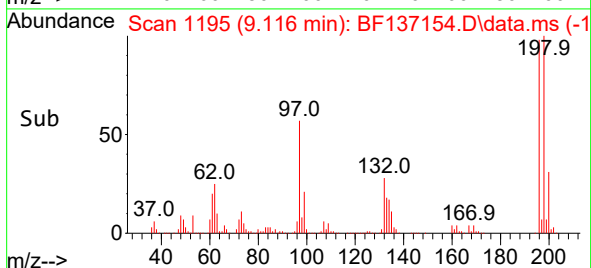
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

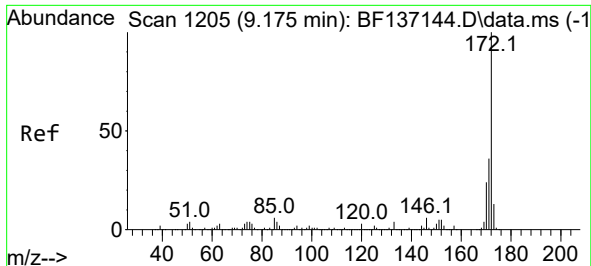


#44
2,4,5-Trichlorophenol
Concen: 47.371 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



Tgt Ion:196 Resp: 168638
Ion Ratio Lower Upper
196 100
198 102.5 81.7 122.5
97 58.5 43.9 65.9
132 28.3 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 77.651 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

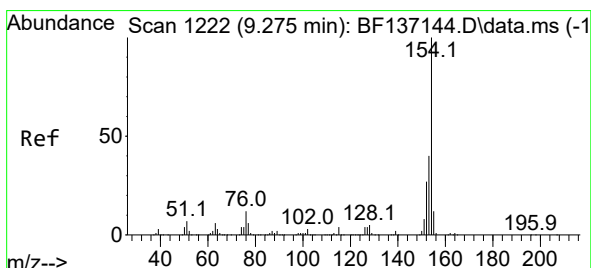
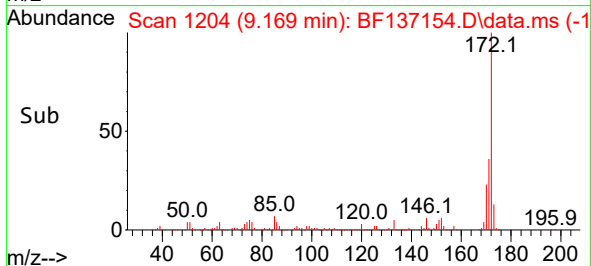
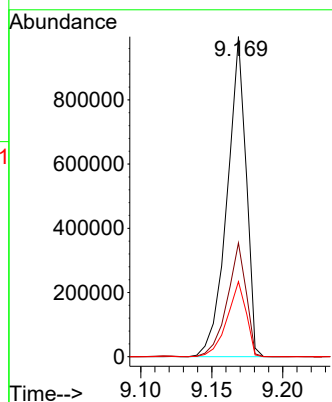
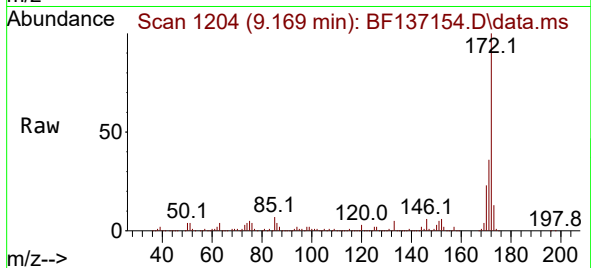
72-11985MS

Tgt Ion:172 Resp: 92554
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.5 18.8 28.2

Manual Integrations

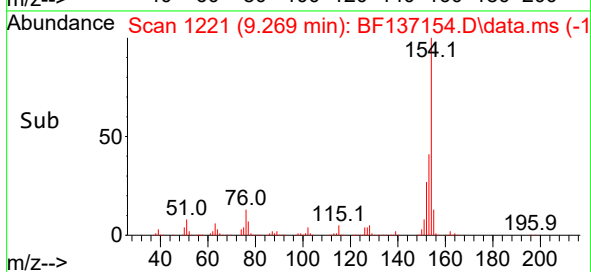
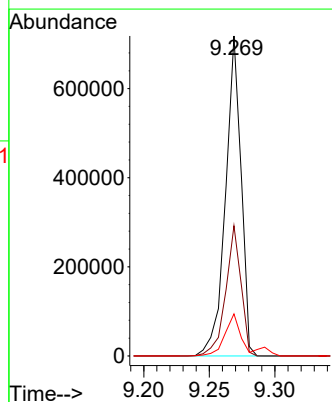
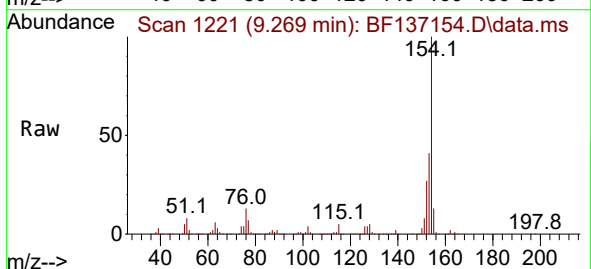
APPROVED

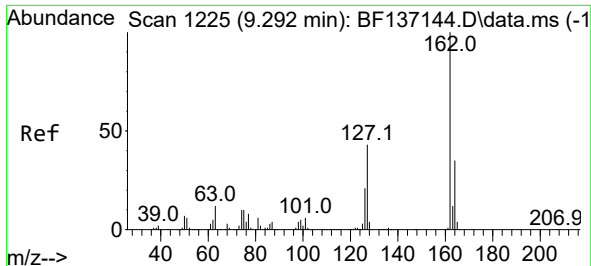
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#46
1,1'-Biphenyl
Concen: 44.735 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

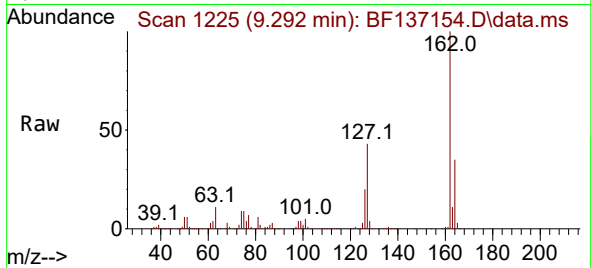
Tgt Ion:154 Resp: 591804
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 13.1 0.0 31.9





#47
2-Chloronaphthalene
Concen: 44.505 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

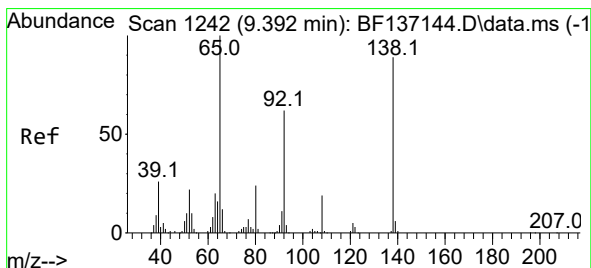
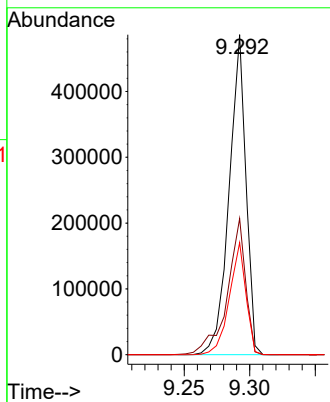
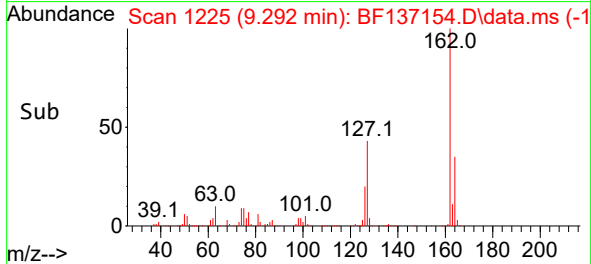
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:162 Resp: 43337
Ion Ratio Lower Upper
162 100
127 42.5 34.6 52.0
164 35.0 27.7 41.5

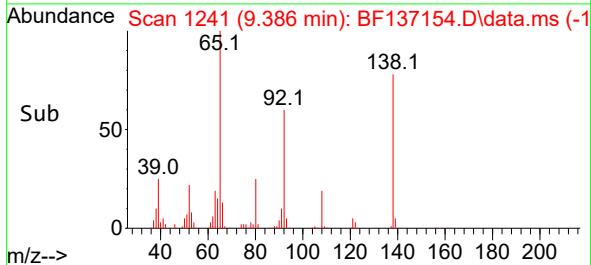
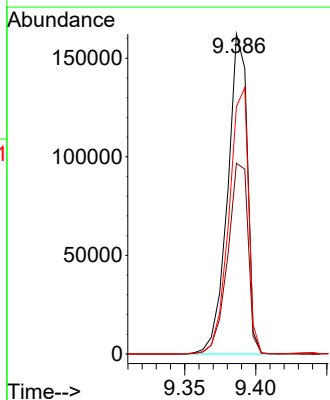
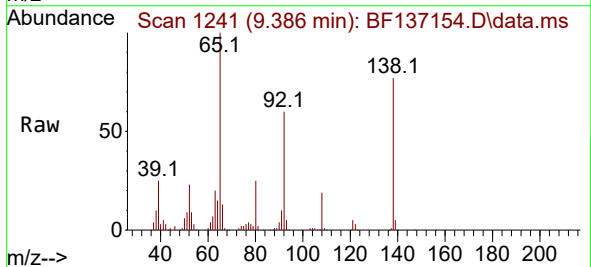
Manual Integrations
APPROVED

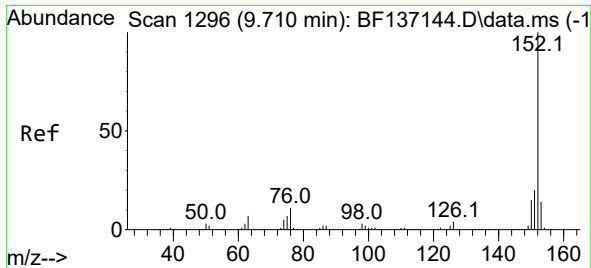
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#48
2-Nitroaniline
Concen: 48.204 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 65 Resp: 157117
Ion Ratio Lower Upper
65 100
92 59.6 49.4 74.2
138 77.3 70.8 106.2





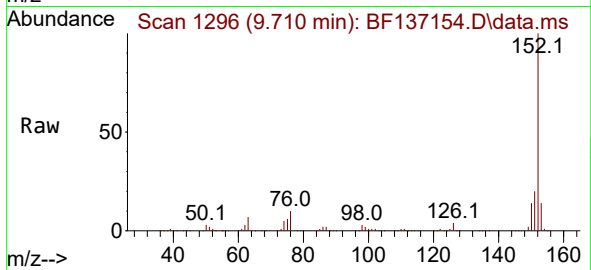
#49
Acenaphthylene
Concen: 44.485 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

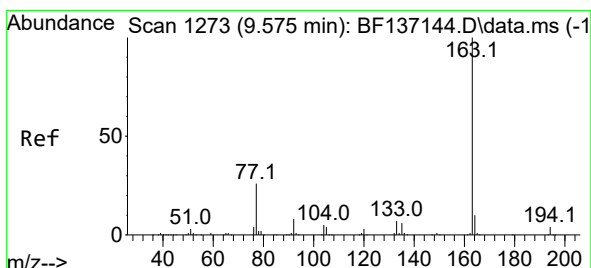
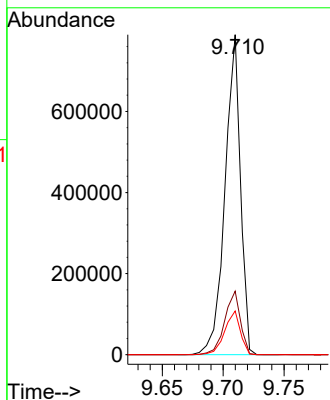
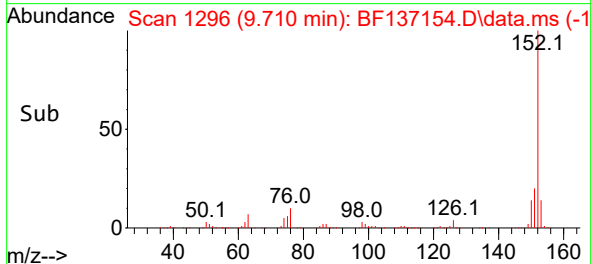


Tgt Ion:152 Resp: 696238
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.7 11.4 17.2

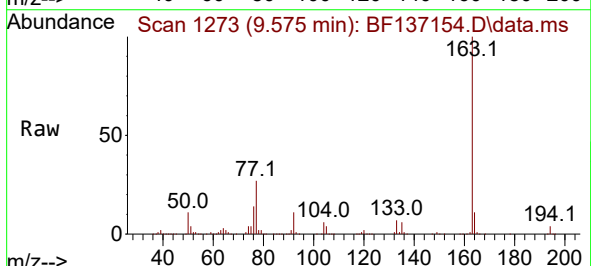
Manual Integrations

APPROVED

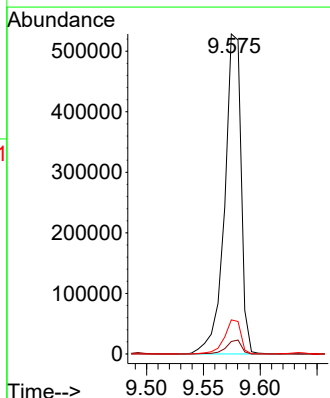
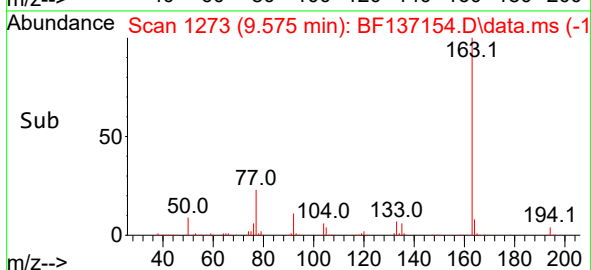
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

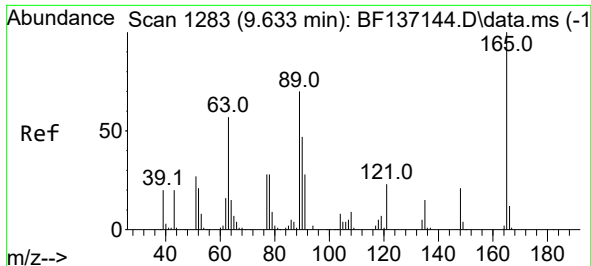


#50
Dimethylphthalate
Concen: 47.449 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



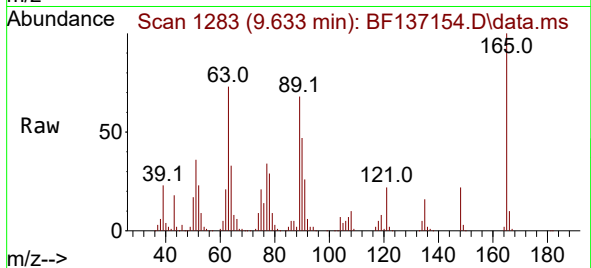
Tgt Ion:163 Resp: 533217
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.7 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 50.338 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

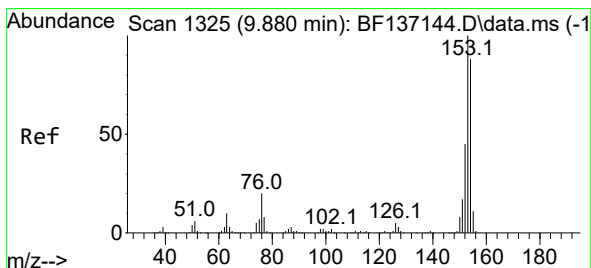
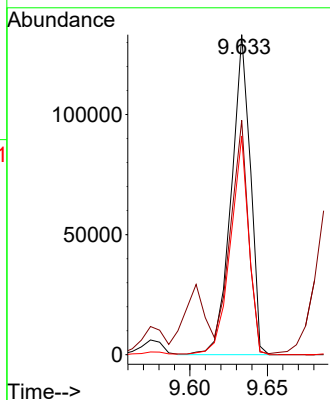
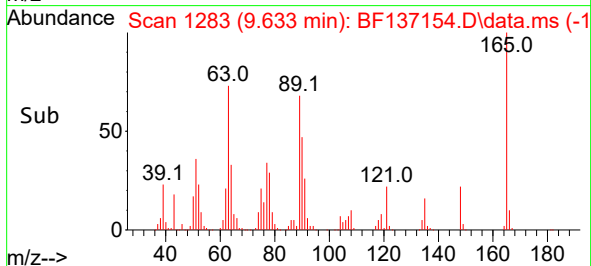
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:165 Resp: 114059
Ion Ratio Lower Upper
165 100
63 73.2 64.4 96.6
89 68.4 55.7 83.5

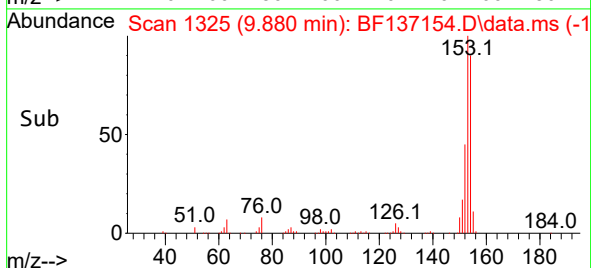
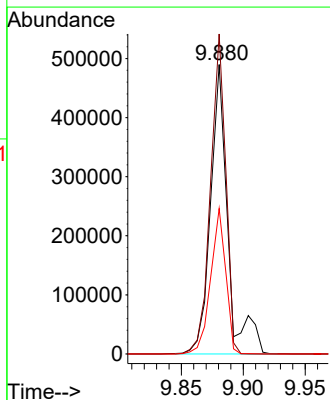
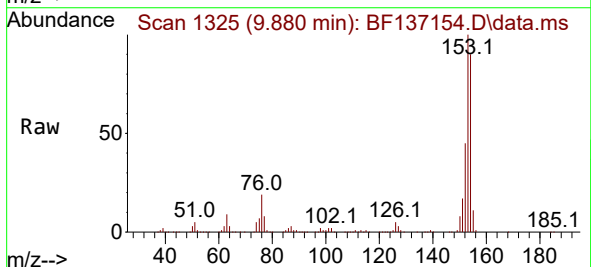
Manual Integrations
APPROVED

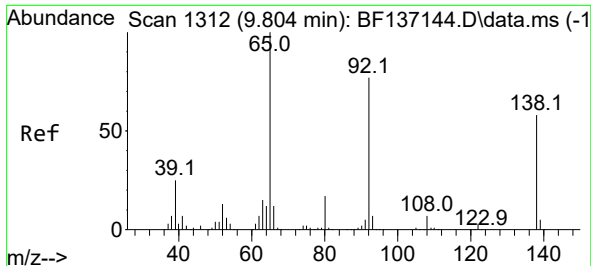
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#52
Acenaphthene
Concen: 49.071 ng m
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:154 Resp: 475335
Ion Ratio Lower Upper
154 100
153 110.6 91.0 136.6
152 50.3 41.2 61.8





#53
3-Nitroaniline
Concen: 20.948 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

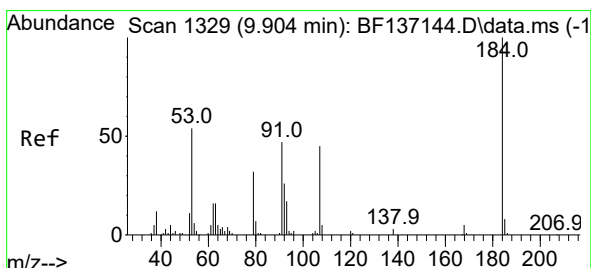
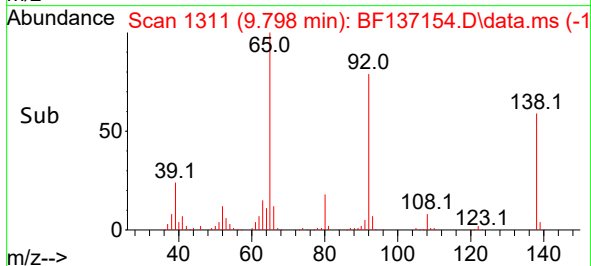
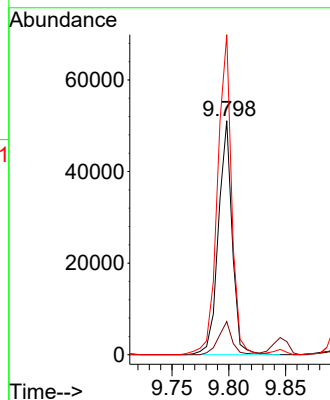
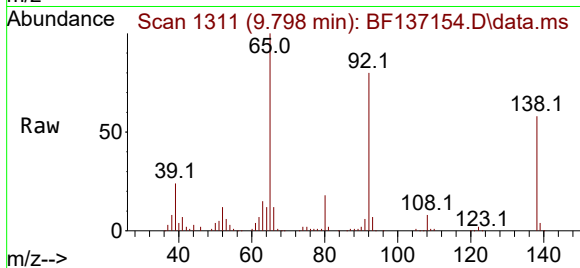
ClientSampleId :

72-11985MS

Tgt Ion:138 Resp: 42989
Ion Ratio Lower Upper
138 100
108 14.1 10.2 15.2
92 136.8 105.7 158.5

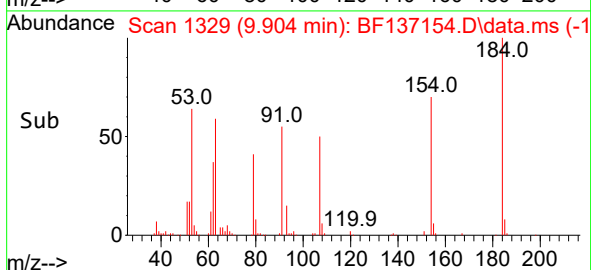
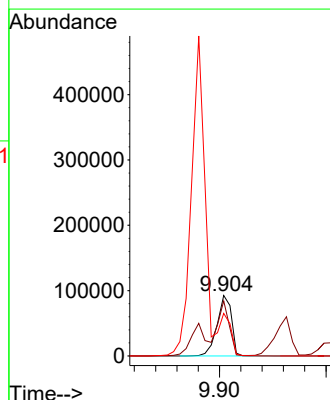
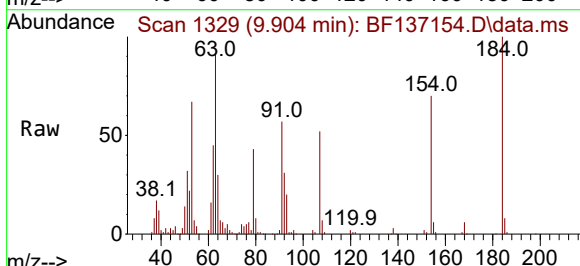
Manual Integrations
APPROVED

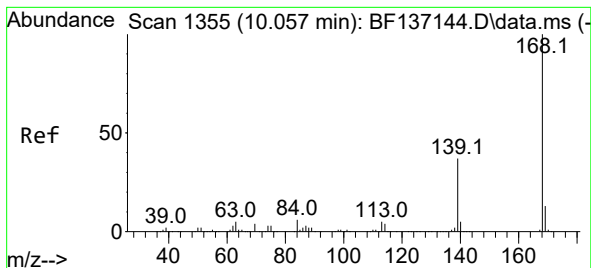
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#54
2,4-Dinitrophenol
Concen: 83.233 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

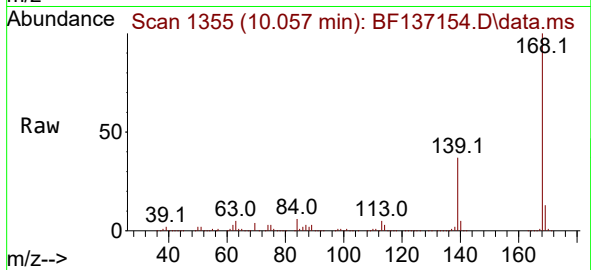
Tgt Ion:184 Resp: 86844
Ion Ratio Lower Upper
184 100
63 91.0 61.2 91.8
154 70.3 51.6 77.4





#55
Dibenzenofuran
Concen: 44.929 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

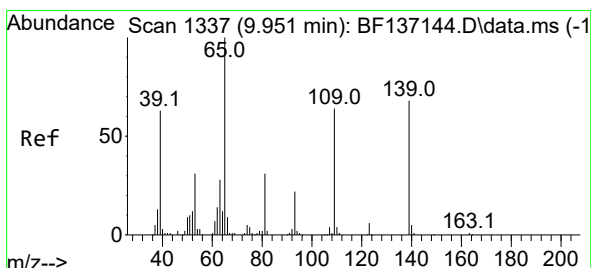
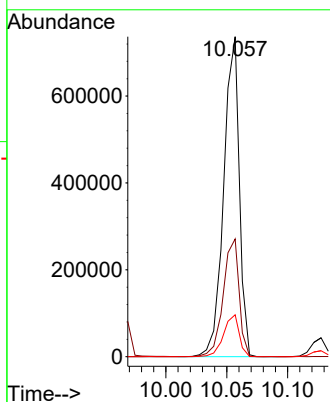
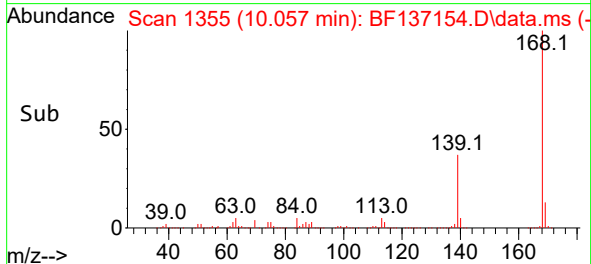
Instrument :
BNA_F
ClientSampleId :
72-11985MS



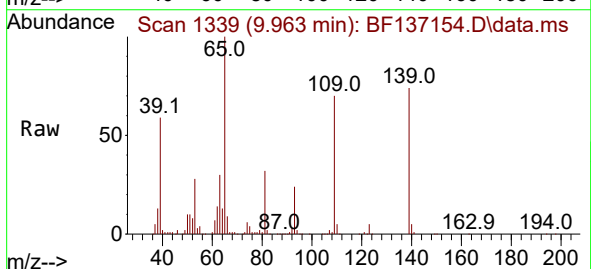
Tgt Ion:168 Resp: 656500
Ion Ratio Lower Upper
168 100
139 36.8 29.5 44.3
169 13.1 10.5 15.7

Manual Integrations
APPROVED

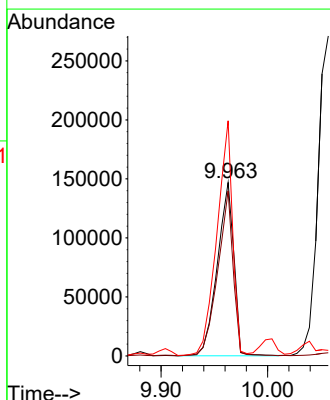
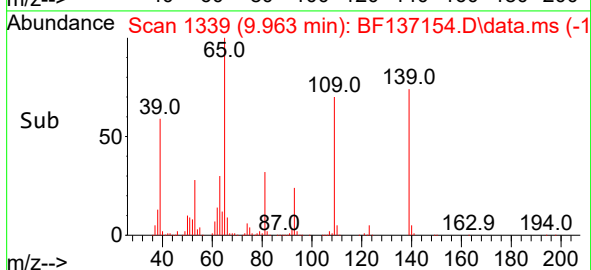
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

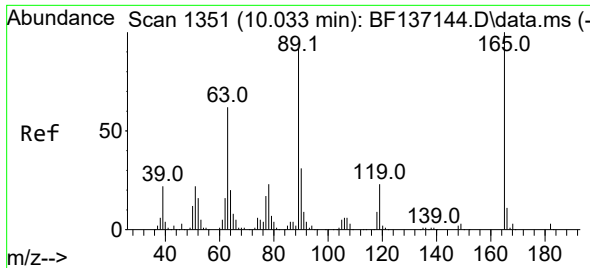


#56
4-Nitrophenol
Concen: 96.631 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



Tgt Ion:139 Resp: 157750
Ion Ratio Lower Upper
139 100
109 95.2 73.7 113.7
65 135.5 126.0 166.0





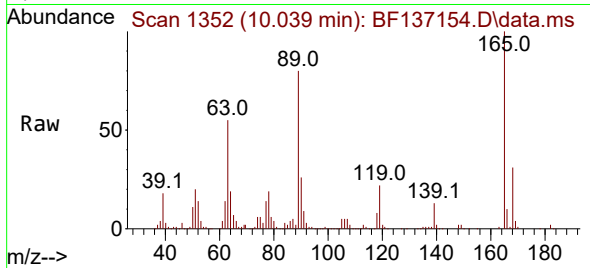
#57
2,4-Dinitrotoluene
Concen: 52.592 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

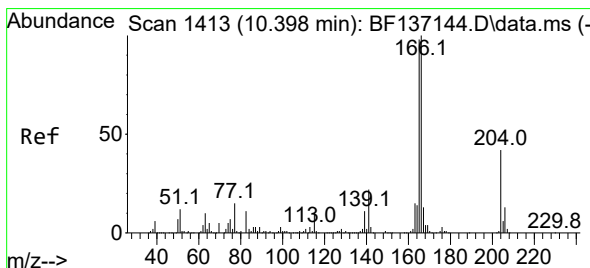
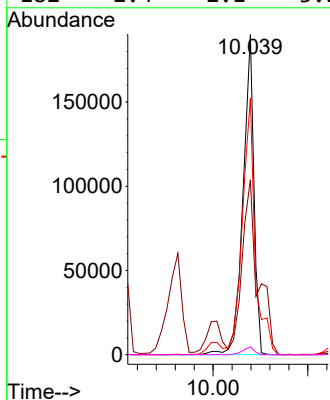
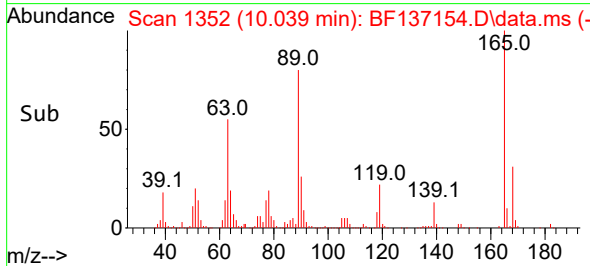


Tgt Ion:165 Resp: 15211
Ion Ratio Lower Upper
165 100
63 54.7 49.4 74.2
89 80.1 73.5 110.3
182 2.4 2.1 3.1

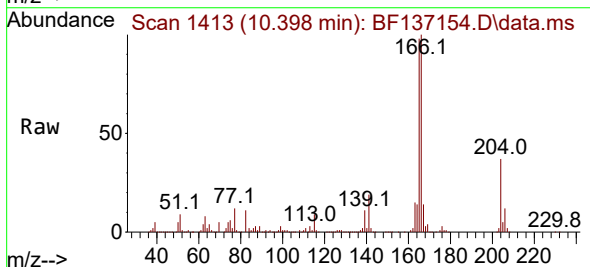
Manual Integrations

APPROVED

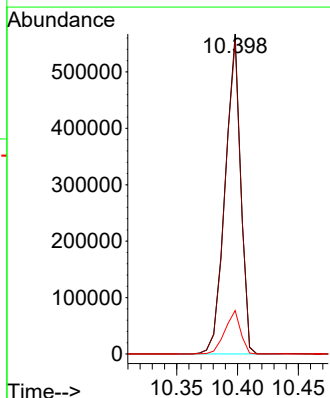
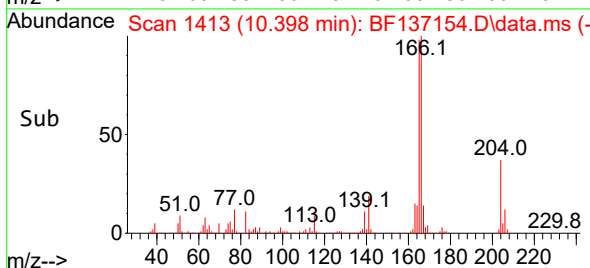
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

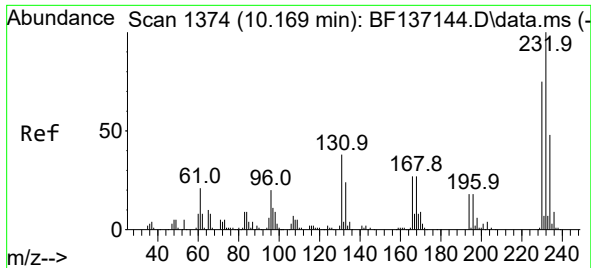


#58
Fluorene
Concen: 44.927 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



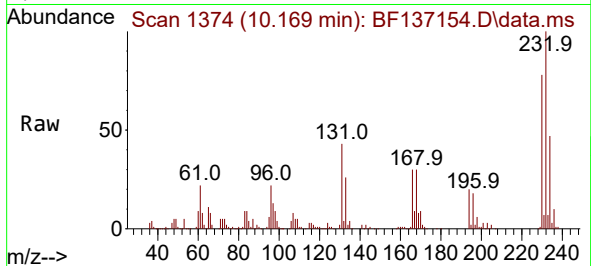
Tgt Ion:166 Resp: 503228
Ion Ratio Lower Upper
166 100
165 97.8 78.6 118.0
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.658 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

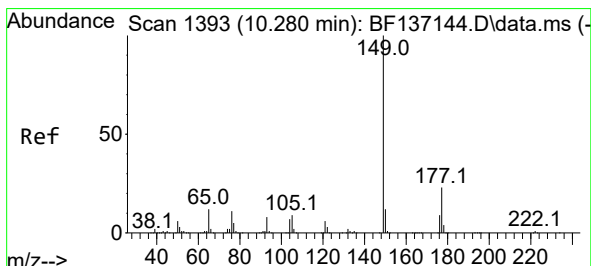
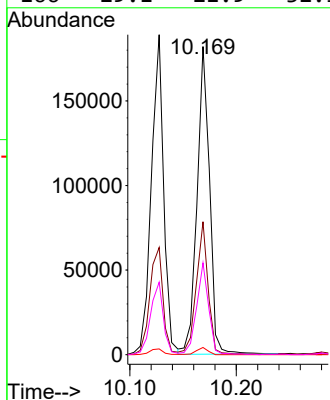
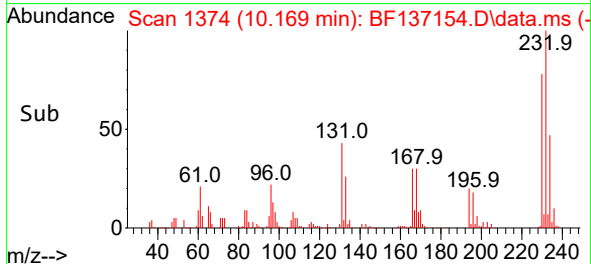
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:232 Resp: 147970
Ion Ratio Lower Upper
232 100
131 41.1 31.4 47.0
130 2.2 1.8 2.6
166 29.1 21.9 32.9

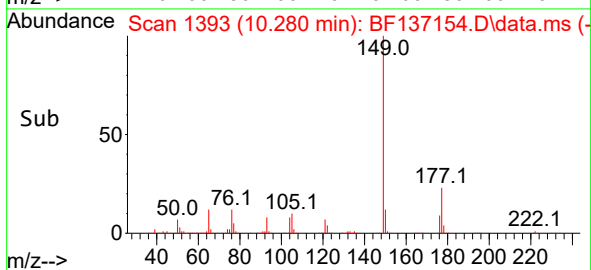
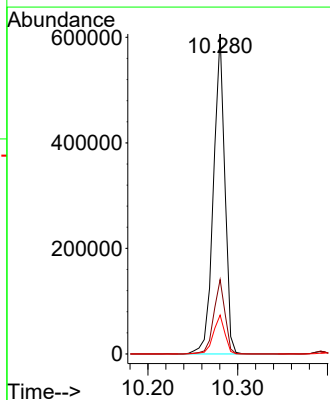
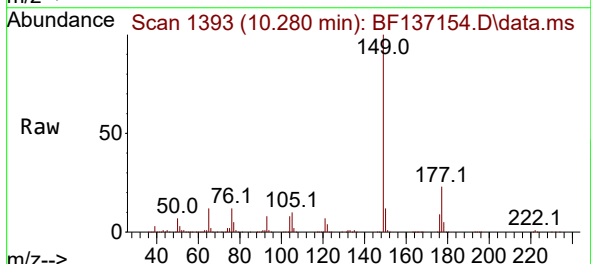
Manual Integrations
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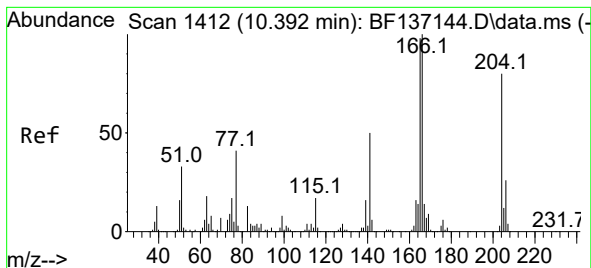
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#60
Diethylphthalate
Concen: 48.302 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

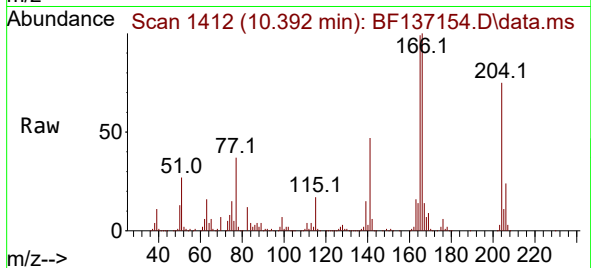
Tgt Ion:149 Resp: 532343
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 12.2 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 45.264 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

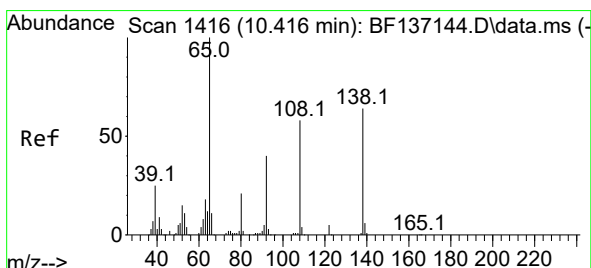
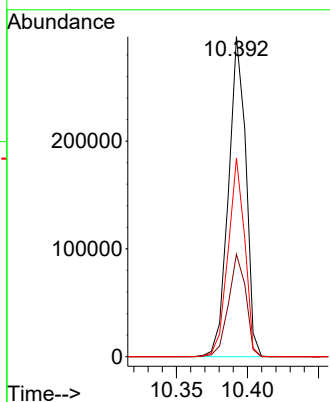
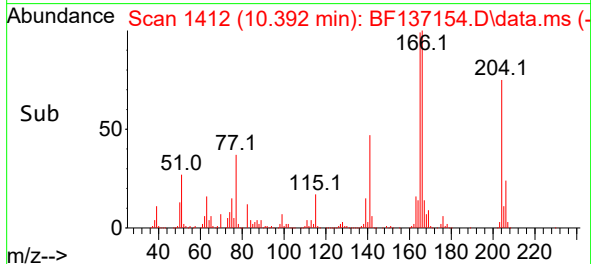
Instrument :
BNA_F
ClientSampleId :
72-11985MS



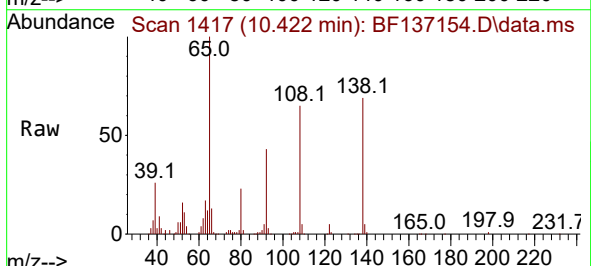
Tgt Ion:204 Resp: 252718
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 62.1 50.3 75.5

Manual Integrations
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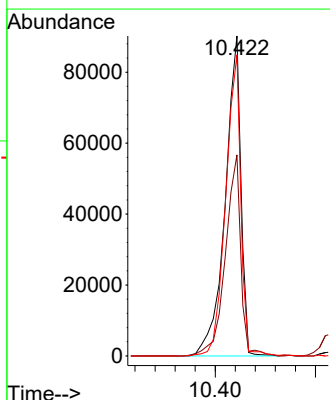
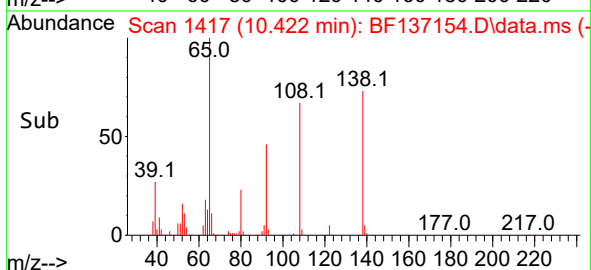
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

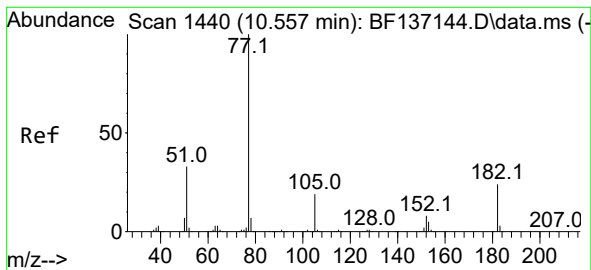


#62
4-Nitroaniline
Concen: 47.961 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



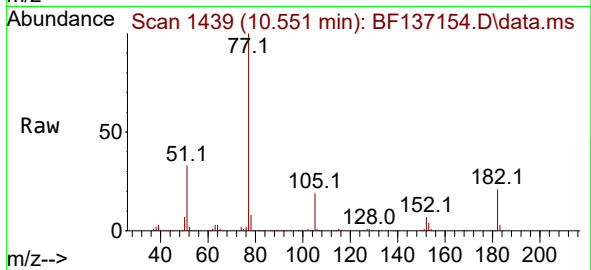
Tgt Ion:138 Resp: 98211
Ion Ratio Lower Upper
138 100
92 62.8 42.7 82.7
108 94.1 70.8 110.8





#63
Azobenzene
Concen: 44.720 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

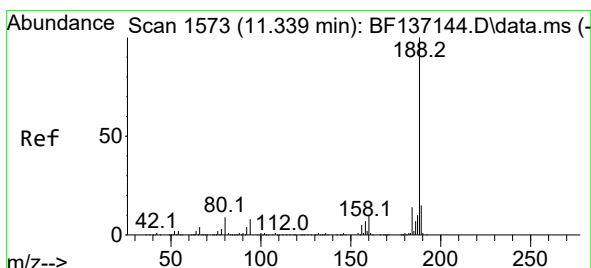
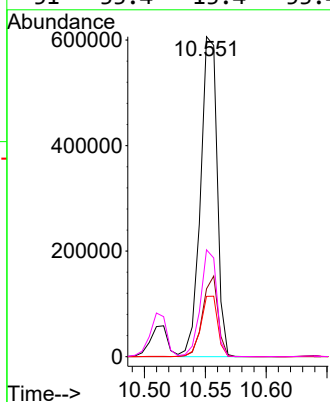
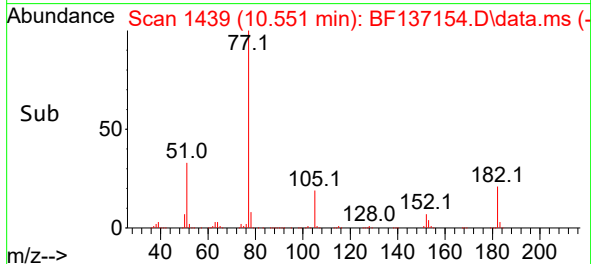
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 77 Resp: 57397
Ion Ratio Lower Upper
77 100
182 21.2 4.4 44.4
105 18.8 0.0 39.3
51 33.4 13.4 53.4

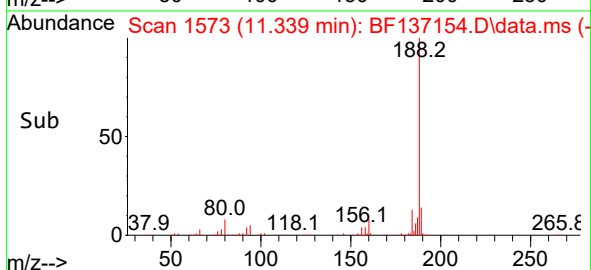
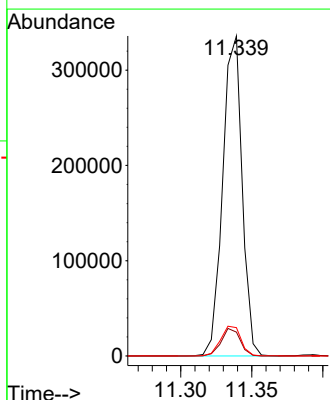
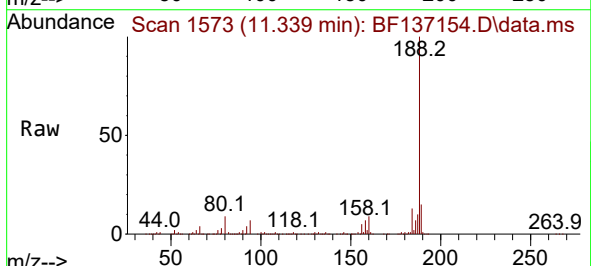
Manual Integrations
APPROVED

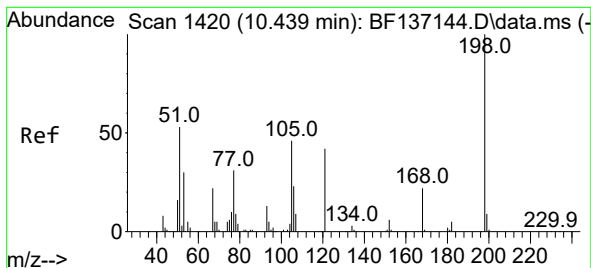
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:188 Resp: 318894
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.9 7.4 11.0





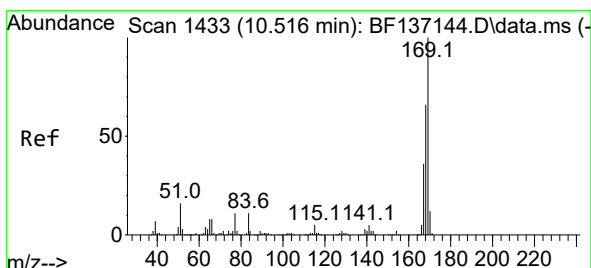
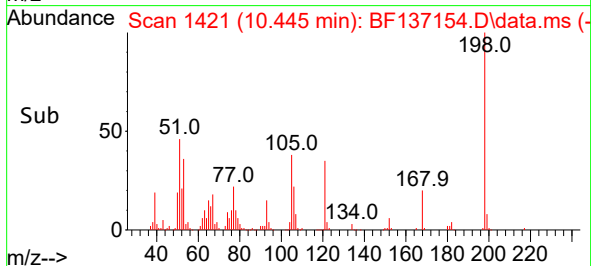
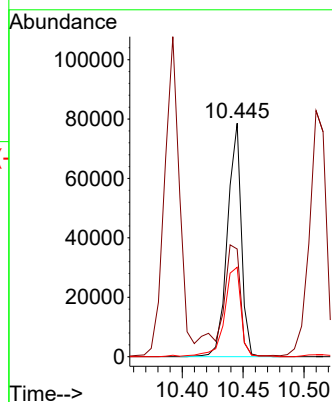
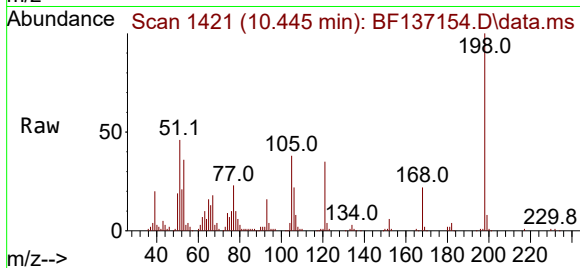
#65
4,6-Dinitro-2-methylphenol
Concen: 48.939 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:198 Resp: 62461
Ion Ratio Lower Upper
198 100
51 46.1 44.7 84.7
105 38.3 28.2 68.2

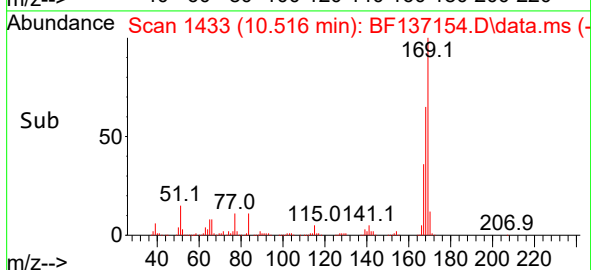
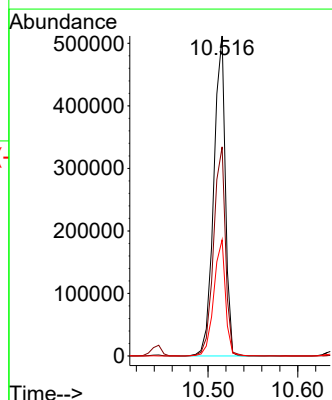
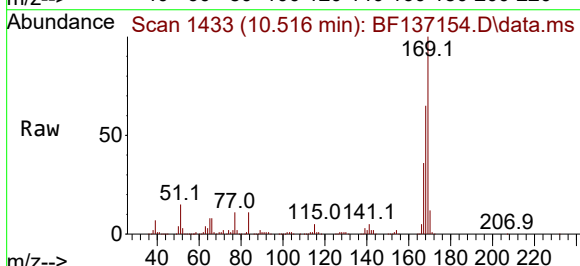
Manual Integrations
APPROVED

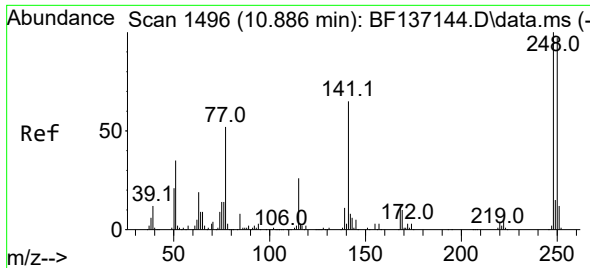
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#66
n-Nitrosodiphenylamine
Concen: 47.033 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

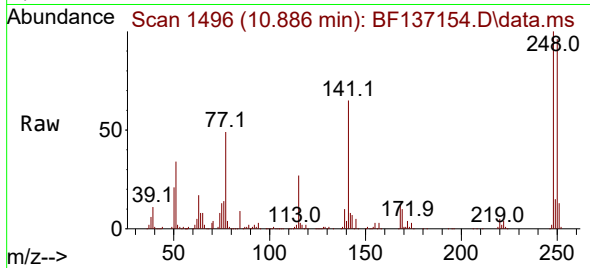
Tgt Ion:169 Resp: 459823
Ion Ratio Lower Upper
169 100
168 65.4 52.6 78.8
167 36.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 46.030 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

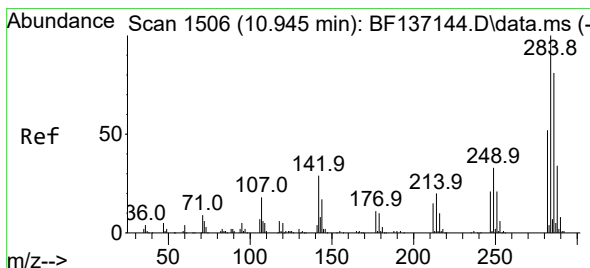
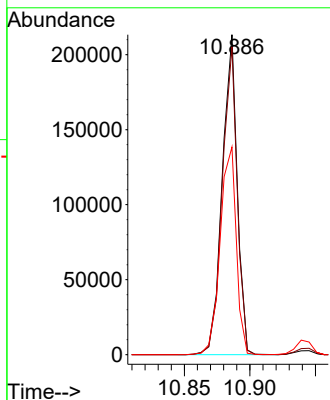
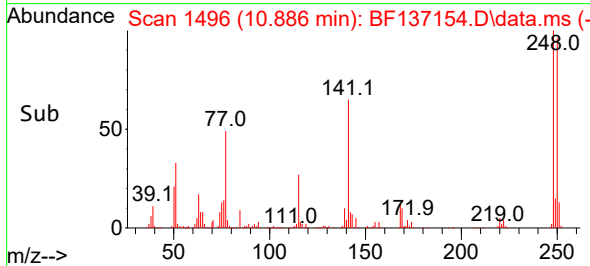
Instrument :
BNA_F
ClientSampleId :
72-11985MS



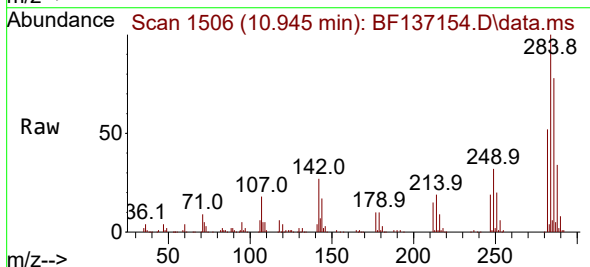
Tgt Ion:248 Resp: 16913
Ion Ratio Lower Upper
248 100
250 96.2 77.7 116.5
141 64.9 52.3 78.5

Manual Integrations
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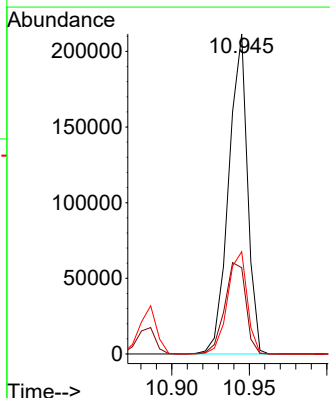
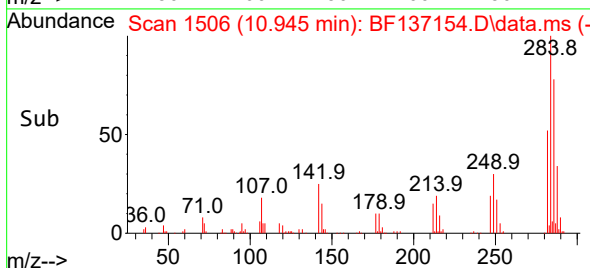
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

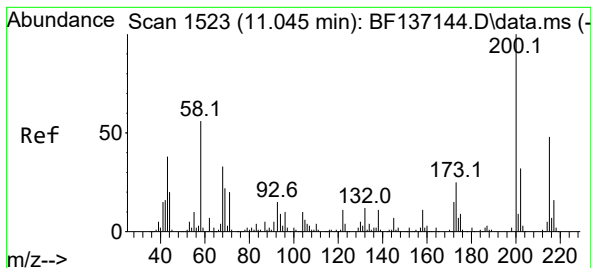


#68
Hexachlorobenzene
Concen: 46.193 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



Tgt Ion:284 Resp: 178515
Ion Ratio Lower Upper
284 100
142 26.9 23.2 34.8
249 32.0 26.2 39.2





#69

Atrazine

Concen: 50.645 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

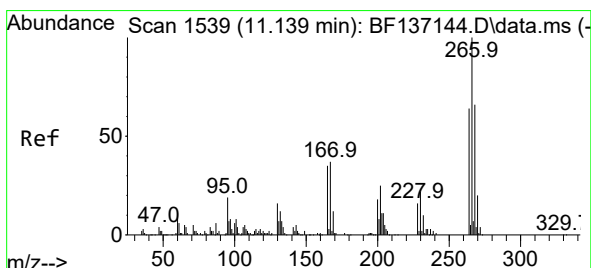
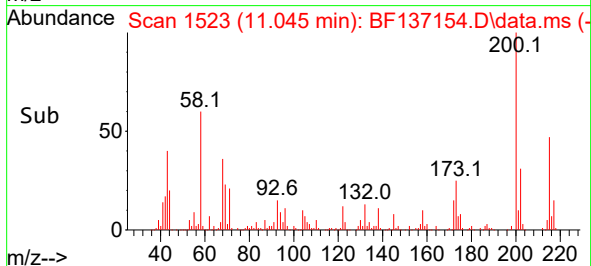
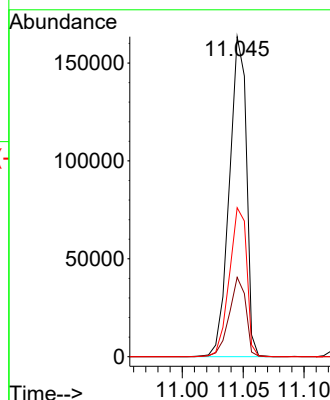
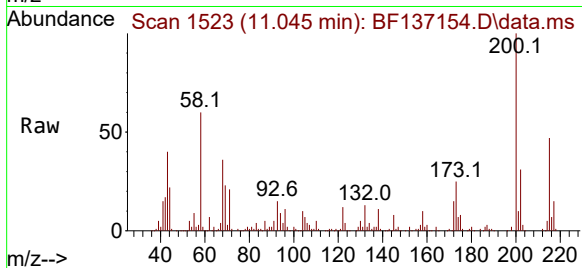
Tgt Ion:200 Resp: 159510

Ion	Ratio	Lower	Upper
200	100		
173	24.8	5.1	45.1
215	46.6	27.7	67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#70

Pentachlorophenol

Concen: 96.333 ng

RT: 11.139 min Scan# 1539

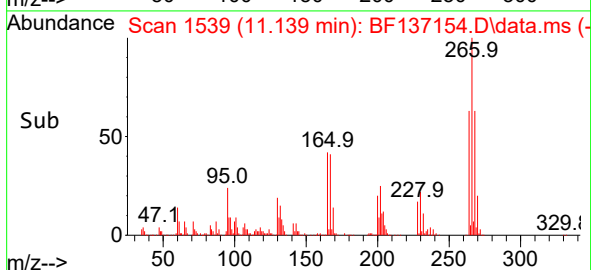
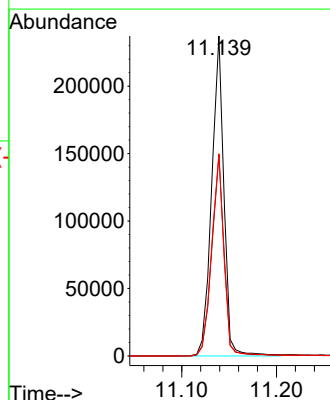
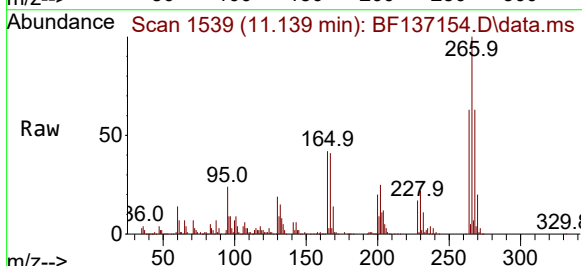
Delta R.T. 0.000 min

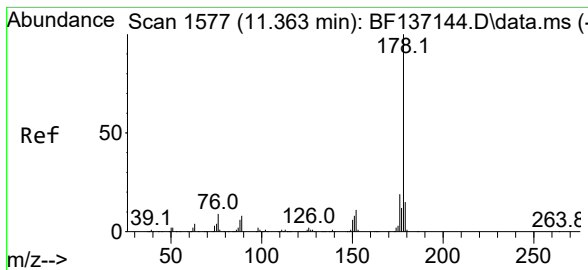
Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Tgt Ion:266 Resp: 212141

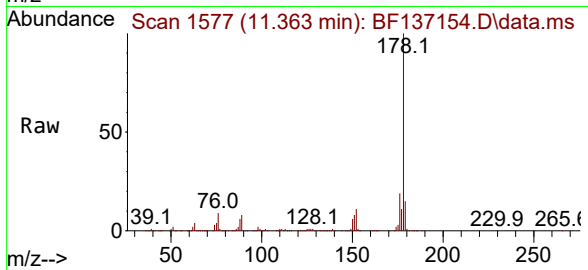
Ion	Ratio	Lower	Upper
266	100		
268	62.8	53.0	79.6
264	63.2	51.6	77.4





#71
Phenanthrene
Concen: 45.478 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

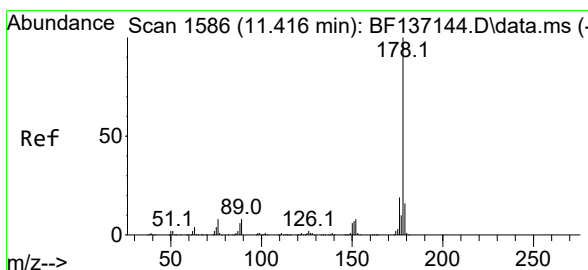
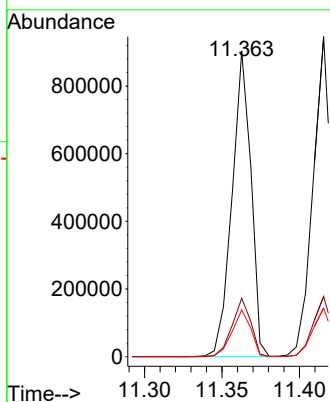
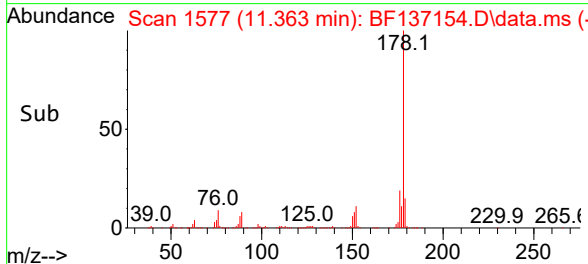
Instrument :
BNA_F
ClientSampleId :
72-11985MS



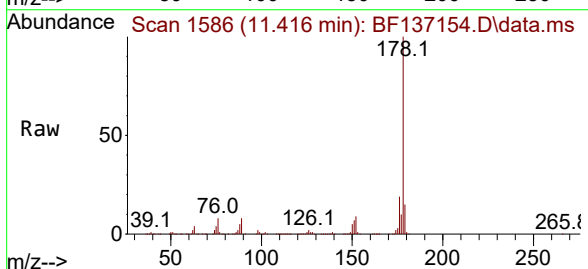
Tgt Ion:178 Resp: 767400
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.3 18.5

Manual Integrations
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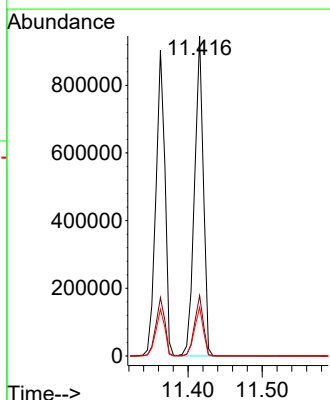
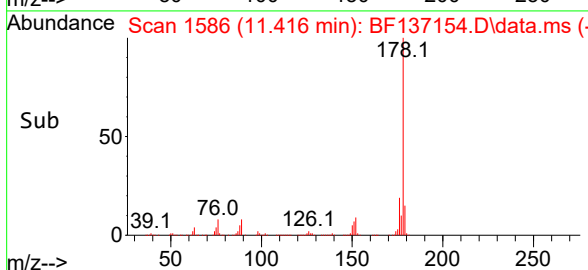
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

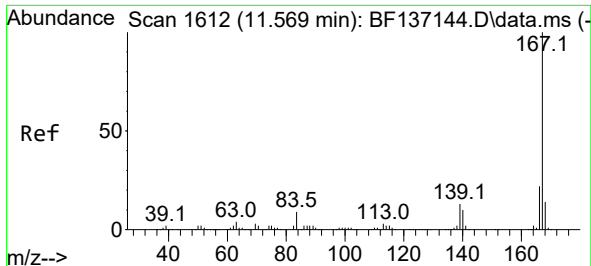


#72
Anthracene
Concen: 45.448 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



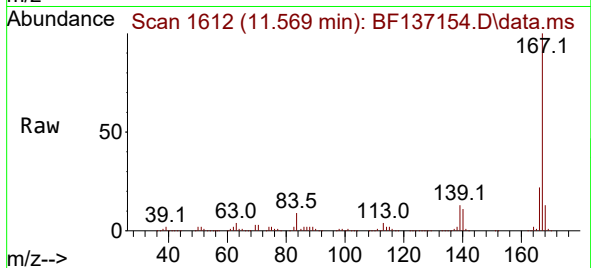
Tgt Ion:178 Resp: 781249
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.6 18.8





#73
 Carbazole
 Concen: 44.375 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

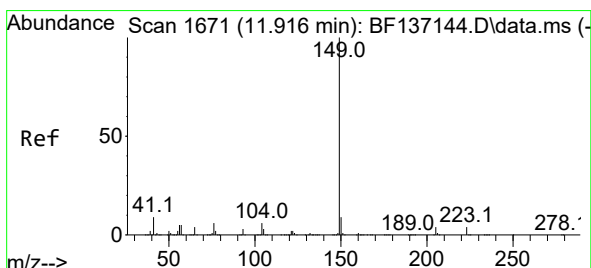
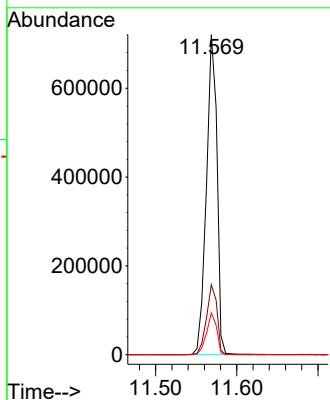
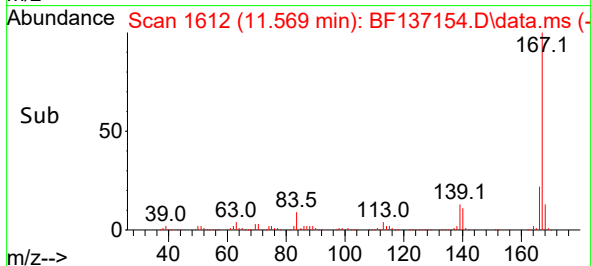
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS



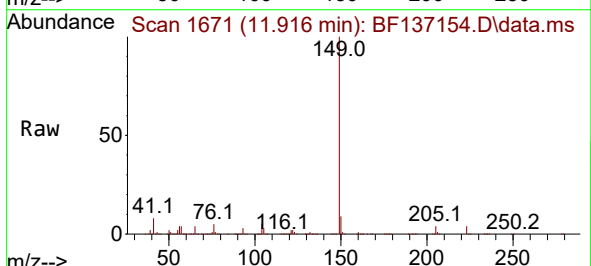
Tgt Ion:167 Resp: 651358
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.1 10.3 15.5

Manual Integrations
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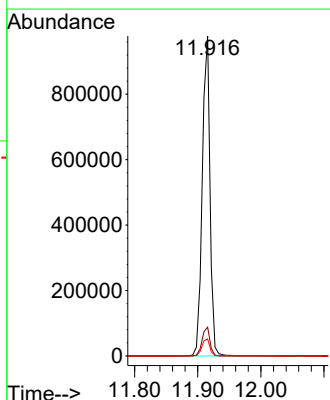
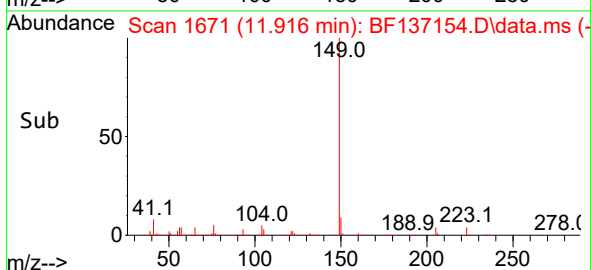
Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

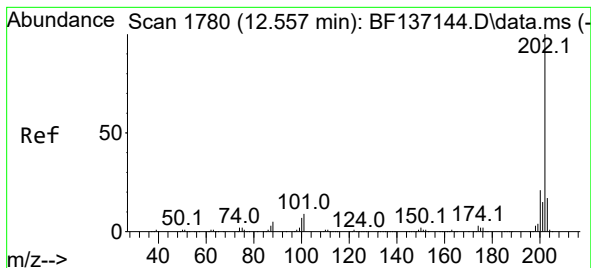


#74
 Di-n-butylphthalate
 Concen: 53.977 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. 0.000 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33



Tgt Ion:149 Resp: 829647
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 42.971 ng

RT: 12.557 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137154.D

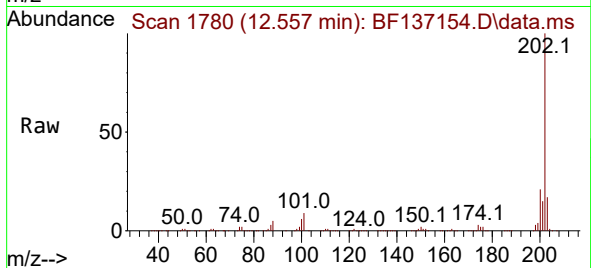
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS



Tgt Ion:202 Resp: 75245

Ion Ratio Lower Upper

202 100

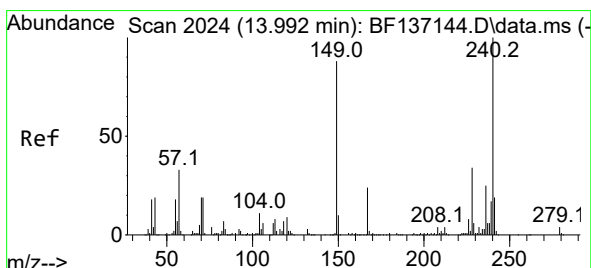
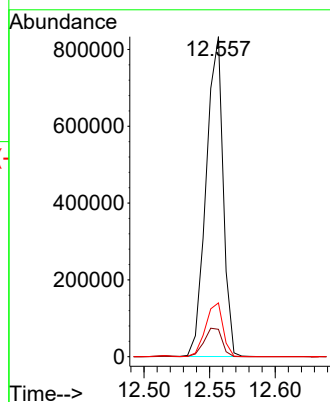
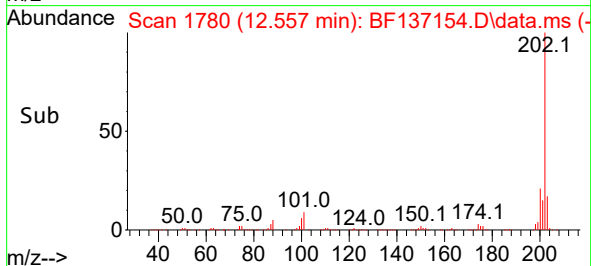
101 8.6 0.0 29.3

203 16.8 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

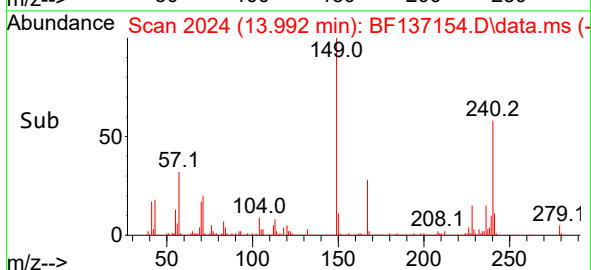
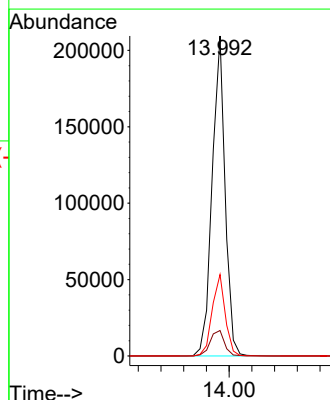
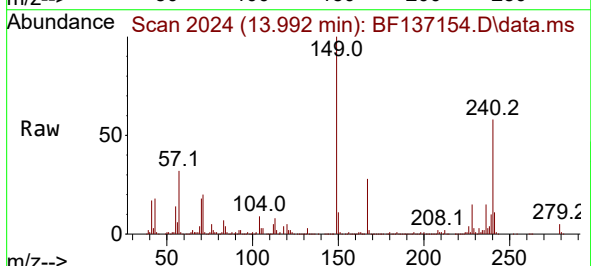
Tgt Ion:240 Resp: 165424

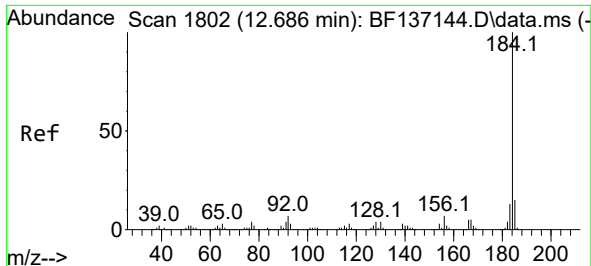
Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

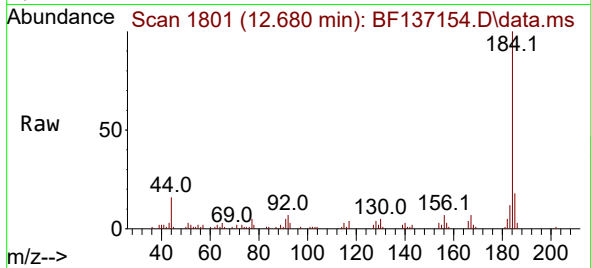
236 25.5 20.4 30.6





#77
Benzidine
Concen: 6.777 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

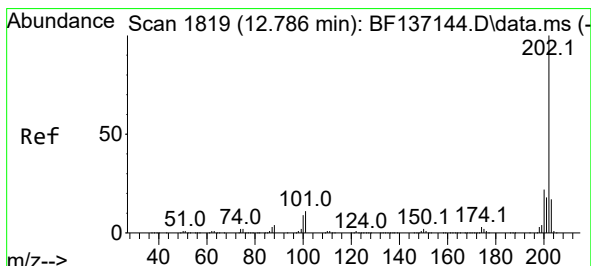
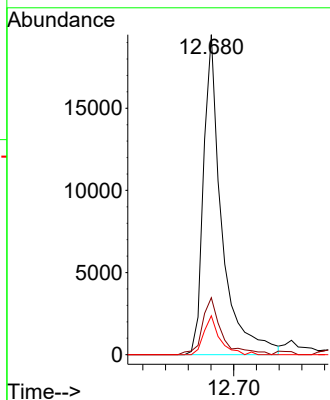
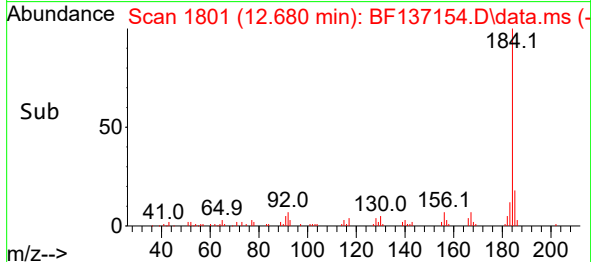
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:184 Resp: 21740
Ion Ratio Lower Upper
184 100
185 17.8 12.2 18.4
183 12.2 10.0 15.0

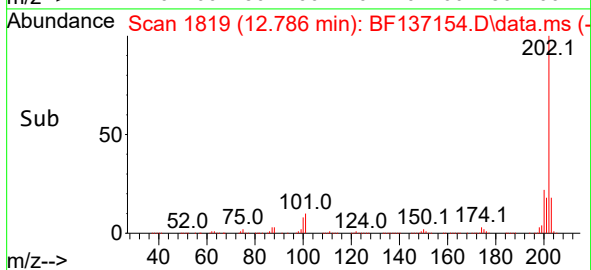
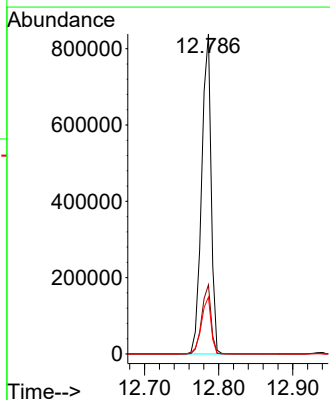
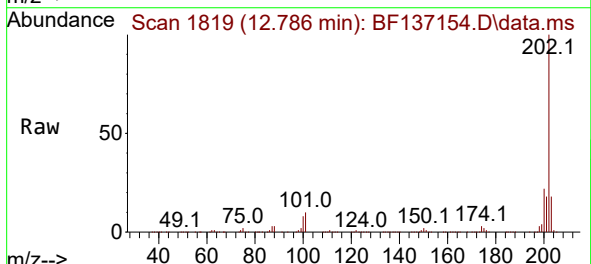
Manual Integrations
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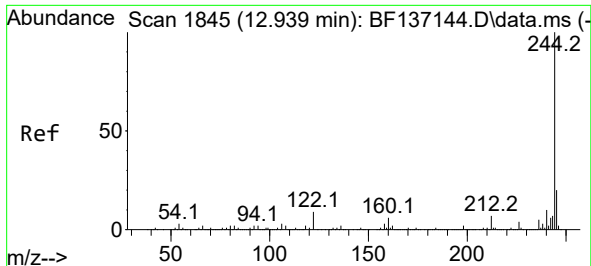
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#78
Pyrene
Concen: 49.880 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

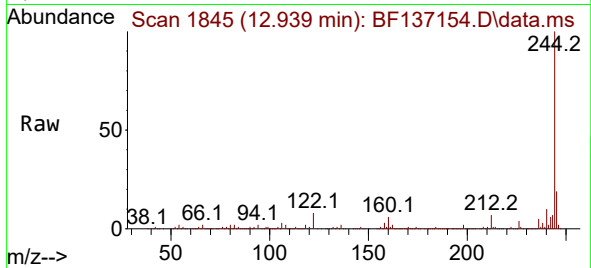
Tgt Ion:202 Resp: 744149
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 17.7 13.8 20.8





#79
 Terphenyl-d14
 Concen: 91.622 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

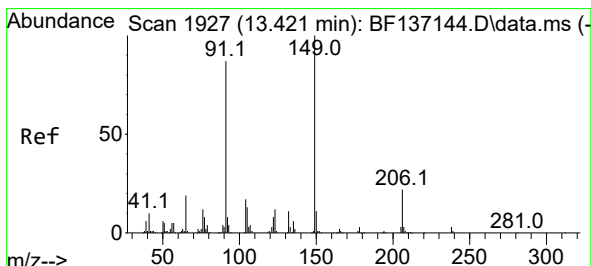
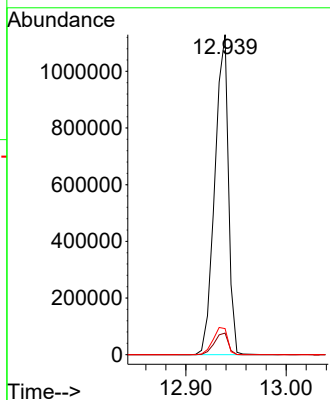
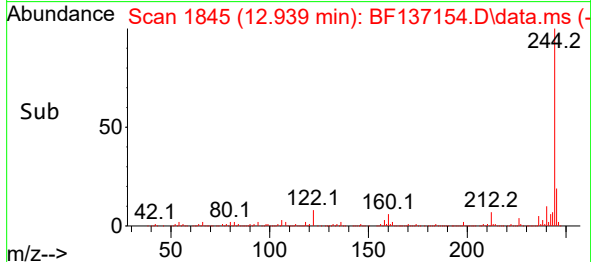
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS



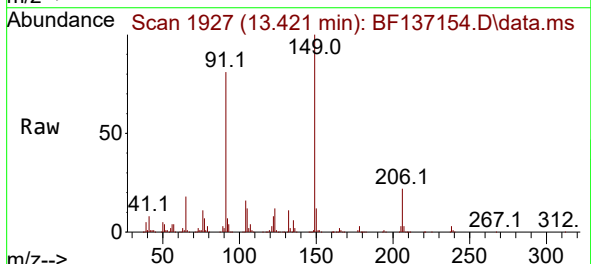
Tgt Ion:244 Resp: 1059915
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.2 7.3 10.9

Manual Integrations
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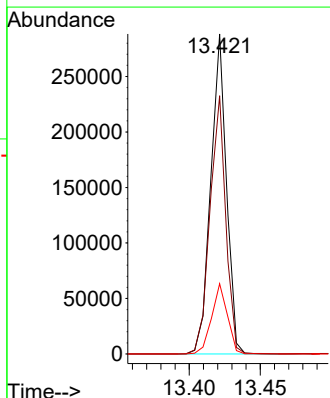
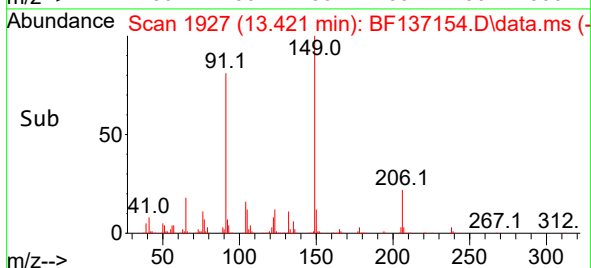
Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

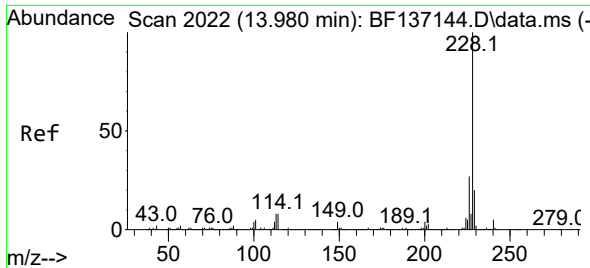


#80
 Butylbenzylphthalate
 Concen: 63.998 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33



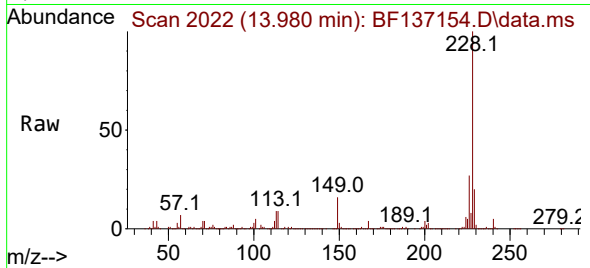
Tgt Ion:149 Resp: 221515
 Ion Ratio Lower Upper
 149 100
 91 80.7 69.4 104.0
 206 22.0 17.4 26.0





#81
Benzo(a)anthracene
Concen: 48.669 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

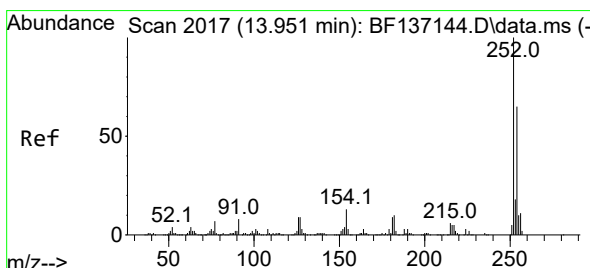
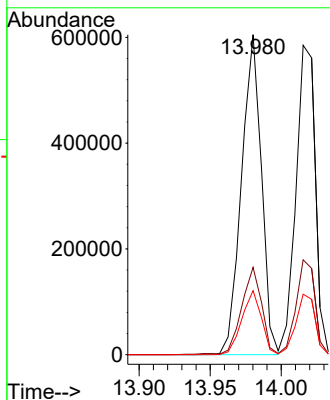
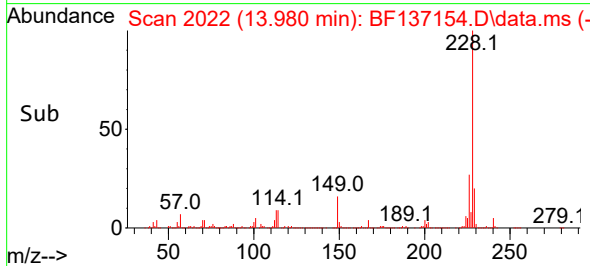
Instrument :
BNA_F
ClientSampleId :
72-11985MS



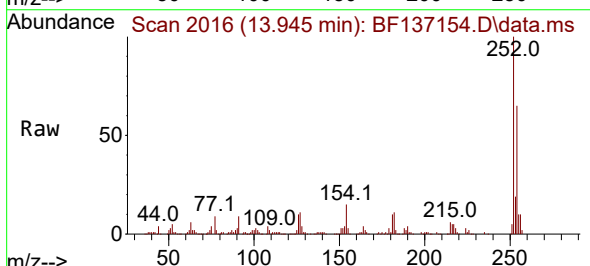
Tgt Ion:228 Resp: 58894
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 20.0 15.8 23.6

Manual Integrations
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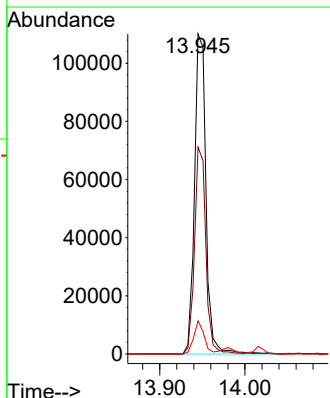
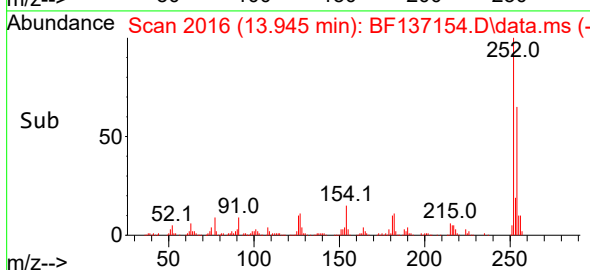
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

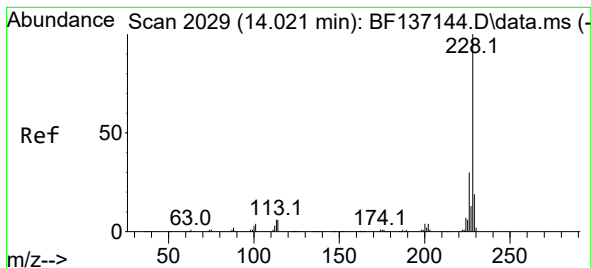


#82
3,3'-Dichlorobenzidine
Concen: 34.387 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



Tgt Ion:252 Resp: 102878
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 10.4 7.4 11.0





#83

Chrysene

Concen: 48.169 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

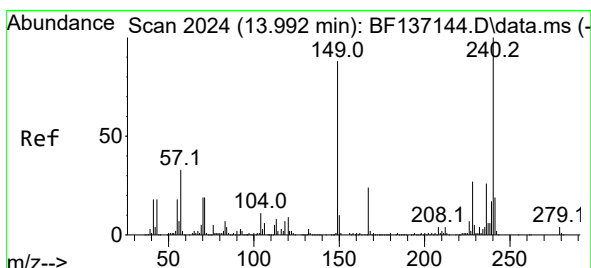
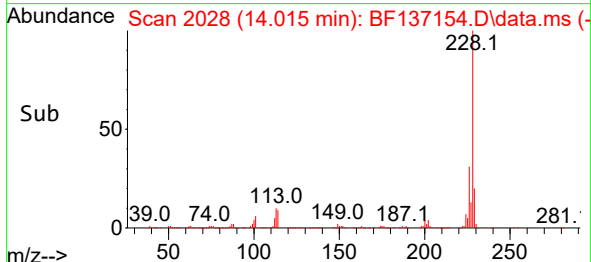
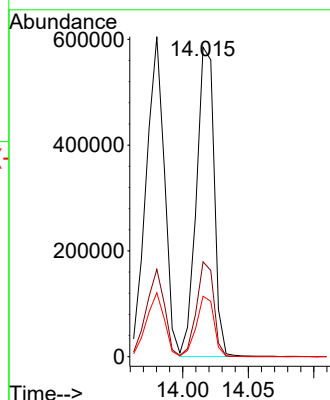
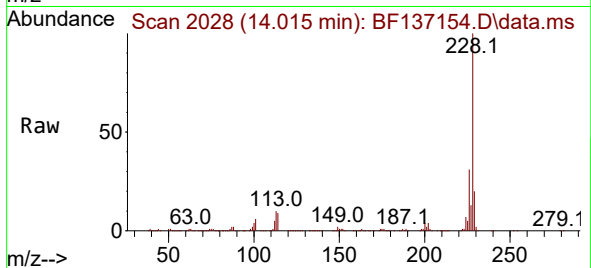
72-11985MS

Tgt Ion:228	Resp: 55247
Ion Ratio	Lower Upper
228 100	
226 30.7	23.8 35.6
229 19.6	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.630 ng

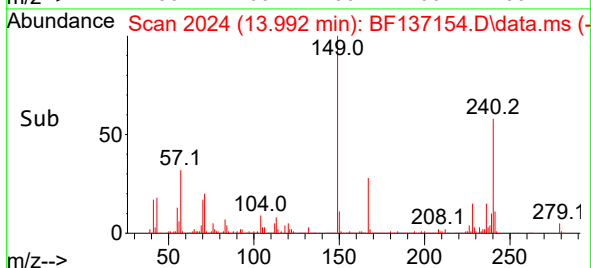
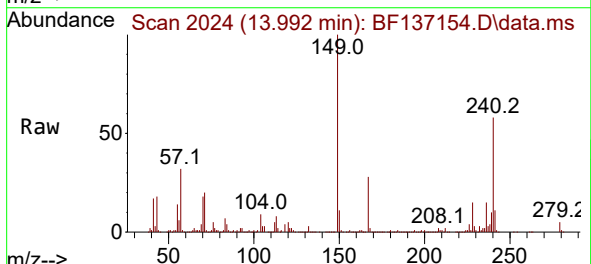
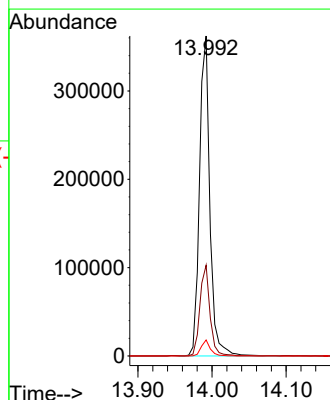
RT: 13.992 min Scan# 2024

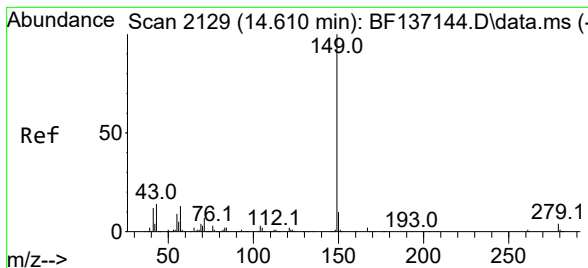
Delta R.T. -0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

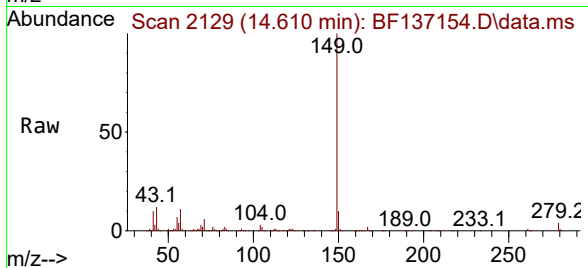
Tgt Ion:149	Resp: 351199
Ion Ratio	Lower Upper
149 100	
167 28.3	21.7 32.5
279 5.0	3.6 5.4





#85
Di-n-octyl phthalate
Concen: 66.672 ng
RT: 14.610 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

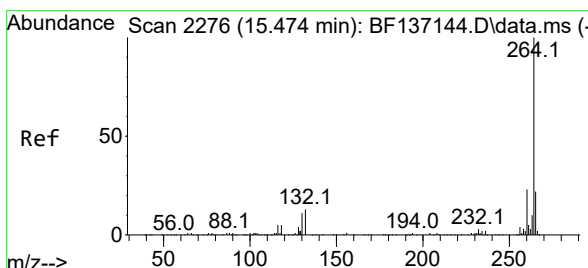
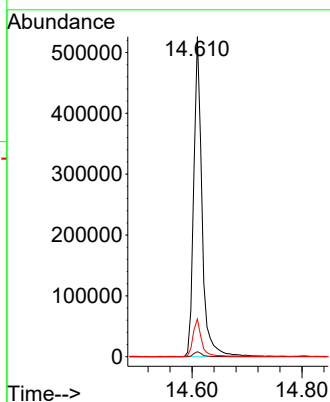
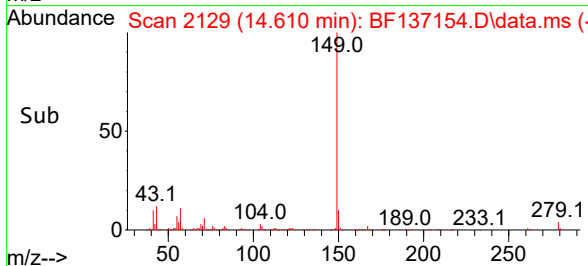
Instrument :
BNA_F
ClientSampleId :
72-11985MS



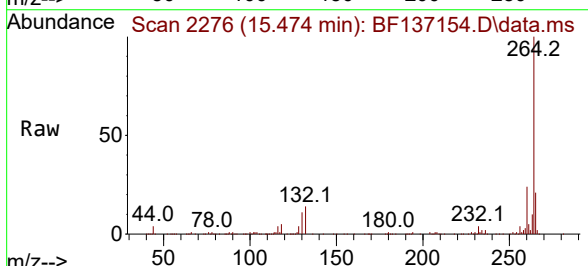
Tgt Ion:149 Resp: 548840
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 11.2 16.8

Manual Integrations
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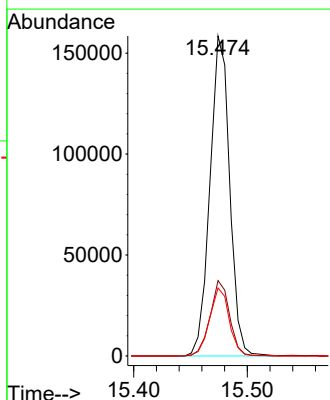
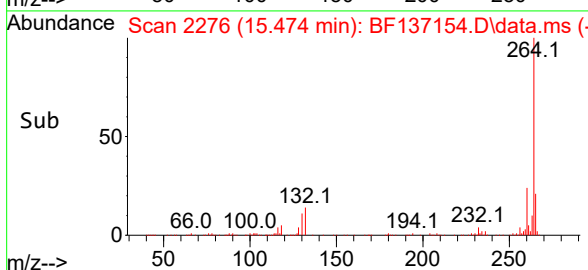
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

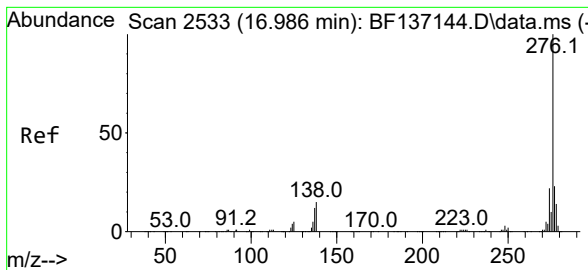


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



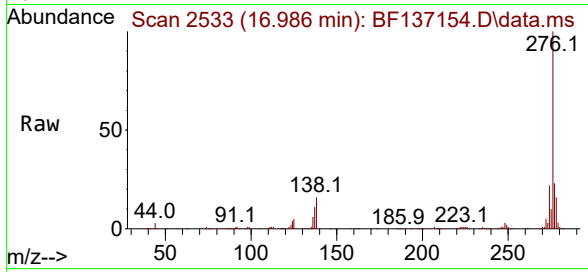
Tgt Ion:264 Resp: 191081
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.3 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.786 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS

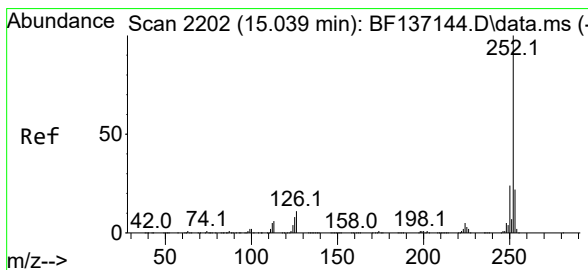
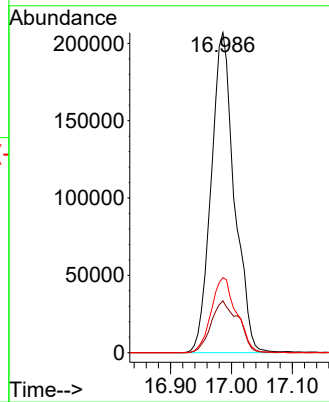
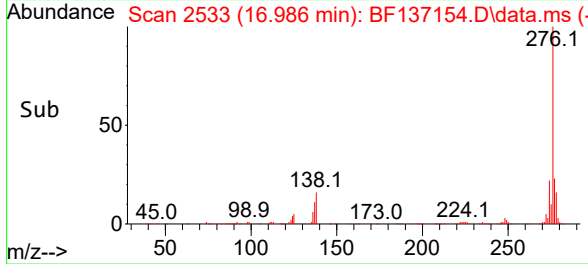


Tgt Ion: 276 Resp: 548894

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.4	23.2
277	25.5	20.5	30.7

Manual Integrations
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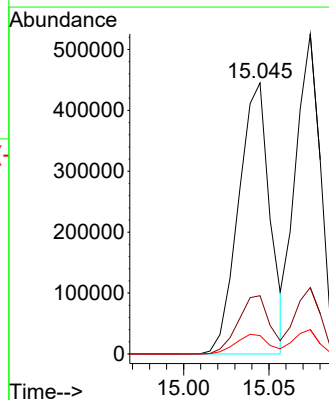
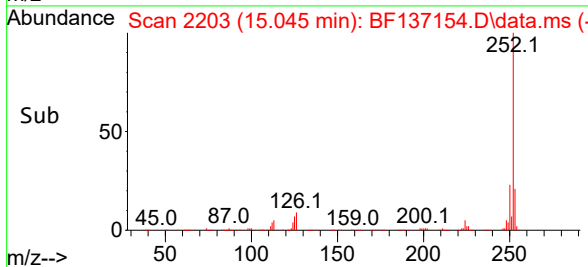
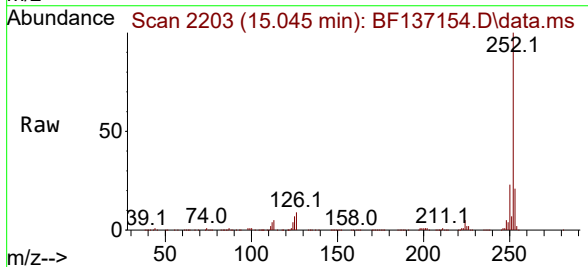
Reviewed By : Jagrut Upadhyay 01/26/2024
 Supervised By : mohammad ahmed 01/29/2024

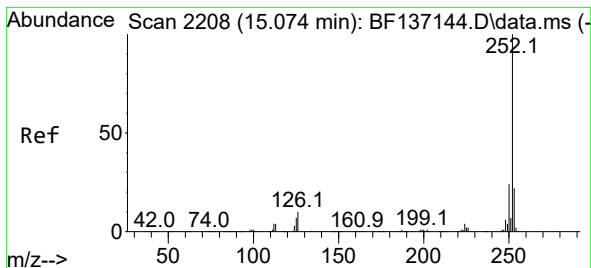


#88
 Benzo(b)fluoranthene
 Concen: 45.403 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

Tgt Ion: 252 Resp: 569233

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	6.8	6.4	9.6





#89

Benzo(k)fluoranthene

Concen: 43.680 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF137154.D

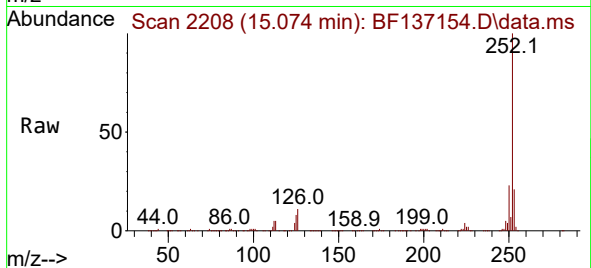
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS



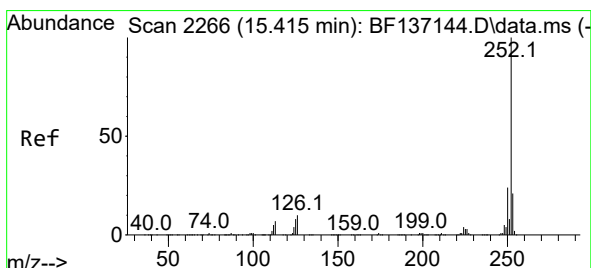
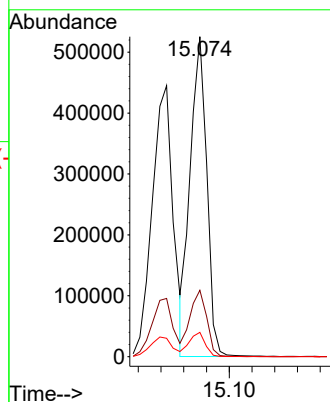
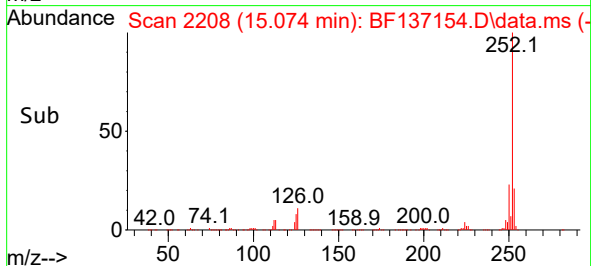
Tgt Ion:252 Resp: 535099

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	7.6	5.8	8.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#90

Benzo(a)pyrene

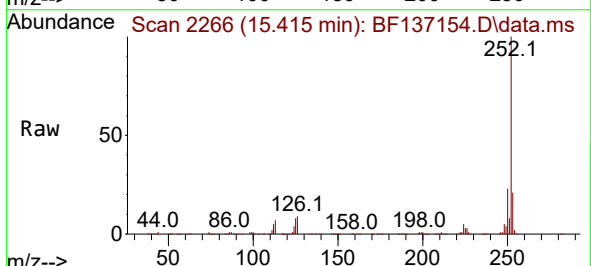
Concen: 45.216 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

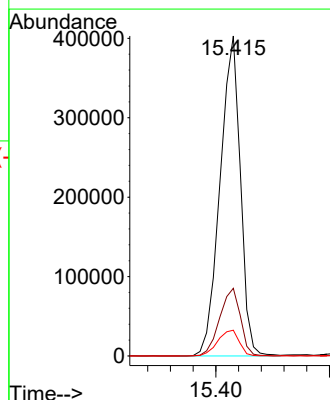
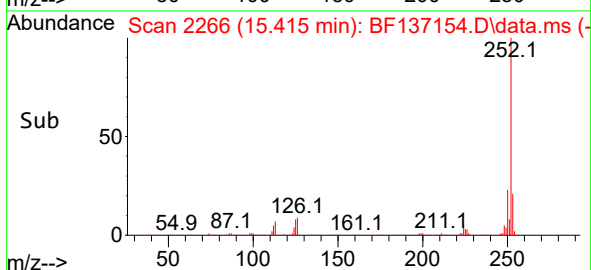
Lab File: BF137154.D

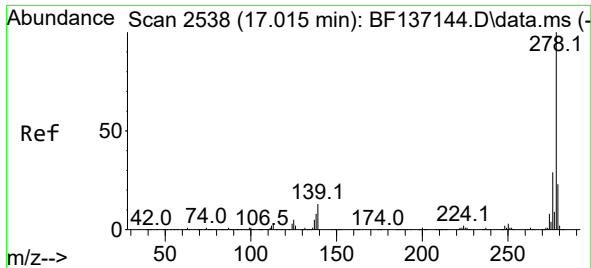
Acq: 25 Jan 2024 18:33



Tgt Ion:252 Resp: 500791

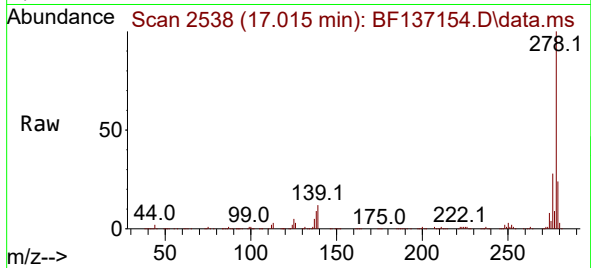
Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	8.0	6.3	9.5





#91
Dibenzo(a,h)anthracene
Concen: 44.400 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

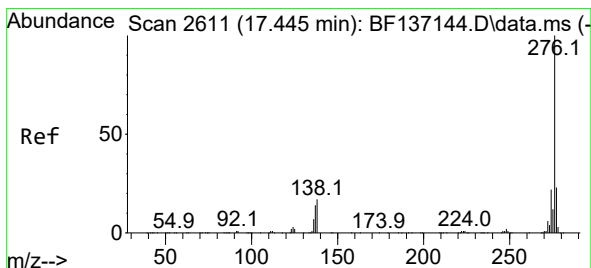
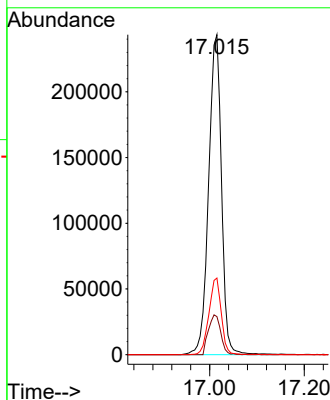
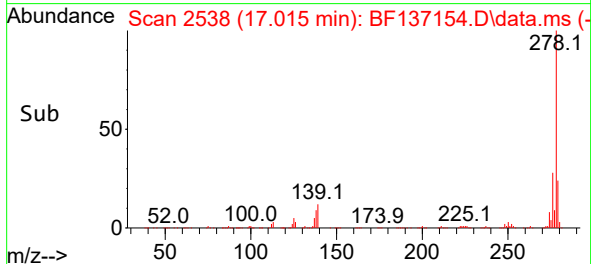
Instrument :
BNA_F
ClientSampleId :
72-11985MS



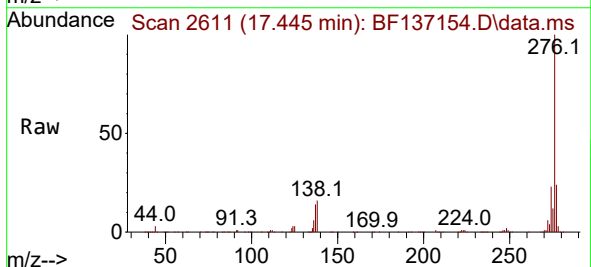
Tgt Ion:278 Resp: 459080
Ion Ratio Lower Upper
278 100
139 11.9 10.1 15.1
279 24.0 18.5 27.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#92
Benzo(g,h,i)perylene
Concen: 40.835 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33



Tgt Ion:276 Resp: 406634
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 15.9 13.2 19.8

