

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137453.D
 Acq On : 01 Mar 2024 11:25
 Operator : CG\JU
 Sample : PB159365BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159365BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
 Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 01 12:58:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	235794	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	944967	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	523635	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	934791	20.000	ng	0.00
76) Chrysene-d12	14.069	240	488254	20.000	ng	0.00
86) Perylene-d12	15.604	264	440898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1969506	126.504	ng	0.02
7) Phenol-d6	6.534	99	2763263	122.960	ng	0.00
23) Nitrobenzene-d5	7.445	82	1755517	86.319	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	664083	144.415	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2779024	83.077	ng	0.00
79) Terphenyl-d14	13.010	244	3116188	87.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.852	88	318278	37.388	ng	100
3) Pyridine	3.616	79	734711	35.786	ng	100
4) n-Nitrosodimethylamine	3.599	42	383025	46.209	ng	99
6) Aniline	6.557	93	675022	24.582	ng	98
8) 2-Chlorophenol	6.675	128	790446	48.136	ng	97
9) Benzaldehyde	6.440	77	104615	9.502	ng	99
10) Phenol	6.545	94	1051296	43.463	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	803229	45.316	ng	99
12) 1,3-Dichlorobenzene	6.822	146	807775	46.035	ng	99
13) 1,4-Dichlorobenzene	6.898	146	832360	46.362	ng	98
14) 1,2-Dichlorobenzene	7.045	146	781441	47.421	ng	100
15) Benzyl Alcohol	7.028	79	735106	52.543	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1354856	44.468	ng	91
17) 2-Methylphenol	7.140	107	665286	43.297	ng	96
18) Hexachloroethane	7.387	117	282737	47.828	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	604292	43.545	ng	97
20) 3+4-Methylphenols	7.292	107	761465	43.270	ng	94
22) Acetophenone	7.292	105	1047689	45.823	ng	# 94
24) Nitrobenzene	7.463	77	923263	45.191	ng	100
25) Isophorone	7.698	82	1778494	46.030	ng	100
26) 2-Nitrophenol	7.775	139	405601	50.006	ng	98
27) 2,4-Dimethylphenol	7.816	122	595329	39.281	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	1045210	46.105	ng	99
29) 2,4-Dichlorophenol	8.016	162	662873	47.656	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	684694	46.776	ng	99
31) Naphthalene	8.181	128	2238982	44.161	ng	100
32) Benzoic acid	7.963	122	428526	48.954	ng	99
33) 4-Chloroaniline	8.228	127	316068	15.898	ng	97
34) Hexachlorobutadiene	8.292	225	395686	45.788	ng	100
35) Caprolactam	8.610	113	222359m	47.145	ng	
36) 4-Chloro-3-methylphenol	8.722	107	739937	47.590	ng	99
37) 2-Methylnaphthalene	8.869	142	1398244	43.261	ng	100
38) 1-Methylnaphthalene	8.969	142	1320133	43.371	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	670192	45.845	ng	99
41) Hexachlorocyclopentadiene	9.022	237	566381	93.400	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	460167	48.338	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	487876	44.489	ng	98
46) 1,1'-Biphenyl	9.339	154	1705960	44.512	ng	100
47) 2-Chloronaphthalene	9.363	162	1353489	46.321	ng	99
48) 2-Nitroaniline	9.463	65	483272	48.660	ng	94
49) Acenaphthylene	9.781	152	2147126	45.916	ng	99
50) Dimethylphthalate	9.645	163	1650324	45.275	ng	98
51) 2,6-Dinitrotoluene	9.710	165	366587	48.083	ng	90
52) Acenaphthene	9.951	154	1212942	43.448	ng	98
53) 3-Nitroaniline	9.875	138	245283	30.416	ng	100
54) 2,4-Dinitrophenol	9.986	184	367151	96.807	ng	95
55) Dibenzofuran	10.128	168	1851488	43.544	ng	98
56) 4-Nitrophenol	10.051	139	554700	95.738	ng	93
57) 2,4-Dinitrotoluene	10.116	165	449061	47.942	ng	92
58) Fluorene	10.469	166	1416122	43.366	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	419410m	47.693	ng	
60) Diethylphthalate	10.351	149	1558195	45.268	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	687183	42.939	ng	95
62) 4-Nitroaniline	10.504	138	332417	47.960	ng	95
63) Azobenzene	10.622	77	1796408	45.322	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	261518	50.195	ng	99
66) n-Nitrosodiphenylamine	10.586	169	1295016	43.022	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	449021	44.102	ng	95
68) Hexachlorobenzene	11.016	284	485711	47.232	ng	93
69) Atrazine	11.122	200	391163	42.747	ng	98
70) Pentachlorophenol	11.216	266	557727	89.716	ng	99
71) Phenanthrene	11.433	178	2181858	42.888	ng	99
72) Anthracene	11.486	178	2229087	42.662	ng	100
73) Carbazole	11.645	167	1975365	44.137	ng	100
74) Di-n-butylphthalate	11.980	149	2378120	44.661	ng	98
75) Fluoranthene	12.627	202	2145942	43.154	ng	99
77) Benzidine	12.763	184	236050	19.755	ng	98
78) Pyrene	12.863	202	2171455	45.325	ng	100
80) Butylbenzylphthalate	13.492	149	633516	51.778	ng	99
81) Benzo(a)anthracene	14.057	228	1538184	44.948	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	366509	40.218	ng	99
83) Chrysene	14.098	228	1563159	45.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	796074	51.190	ng	100
85) Di-n-octyl phthalate	14.686	149	1368887	45.945	ng	100
87) Indeno(1,2,3-cd)pyrene	17.209	276	1458972	50.285	ng	99
88) Benzo(b)fluoranthene	15.145	252	1385468	53.122	ng	99
89) Benzo(k)fluoranthene	15.180	252	1256416	44.851	ng	99
90) Benzo(a)pyrene	15.539	252	1210557	47.101	ng	100
91) Dibenzo(a,h)anthracene	17.233	278	1190098	50.564	ng	99
92) Benzo(g,h,i)perylene	17.698	276	1171915	48.483	ng	100

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

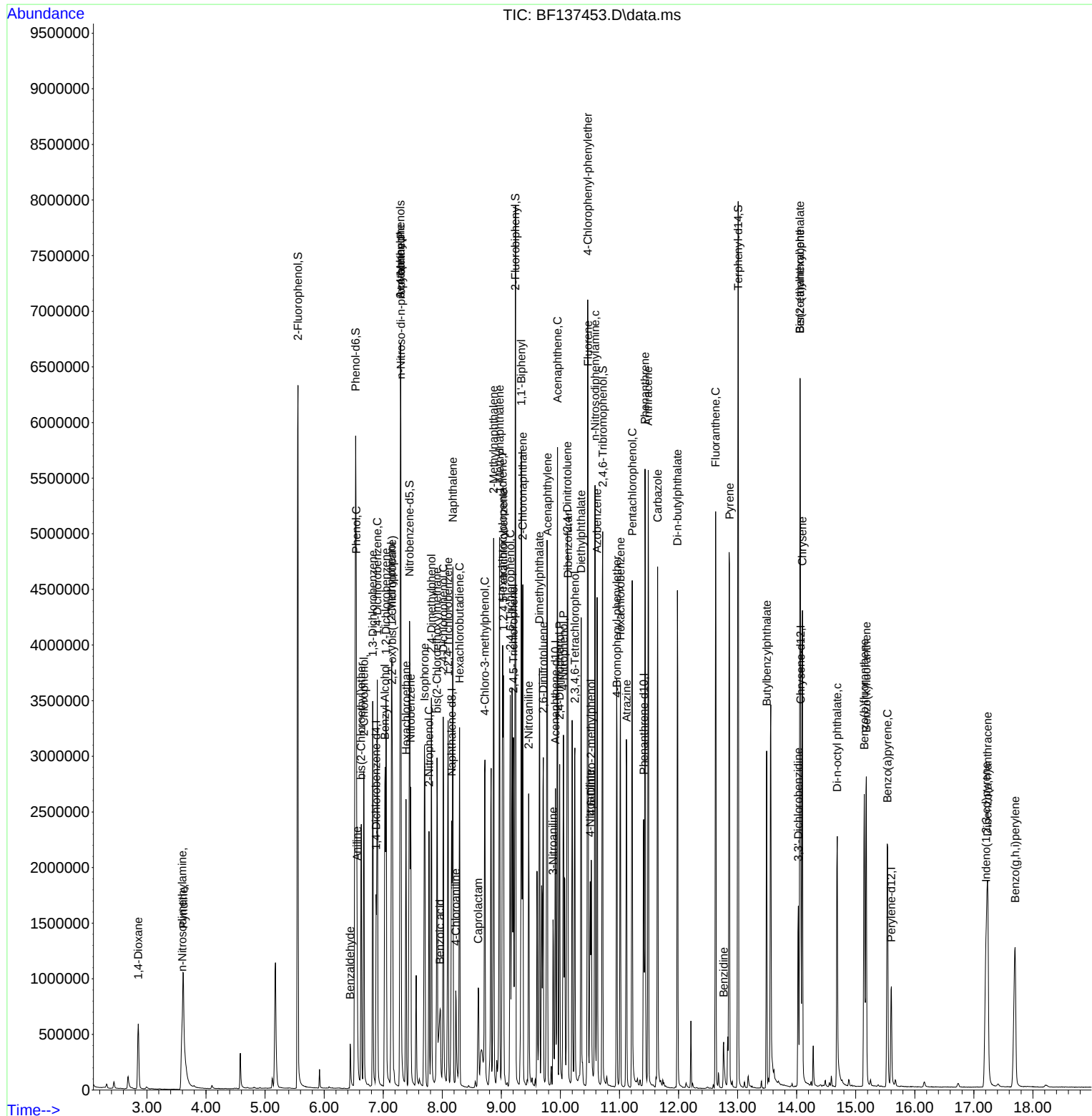
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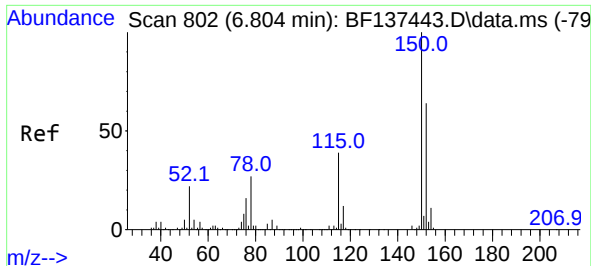
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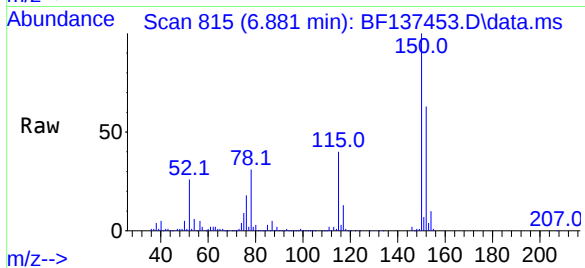
Reviewed By :Jagrut Upadhyay 03/02/2024
 Supervised By :mohammad ahmed 03/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

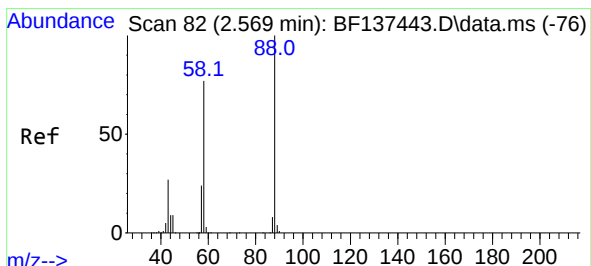
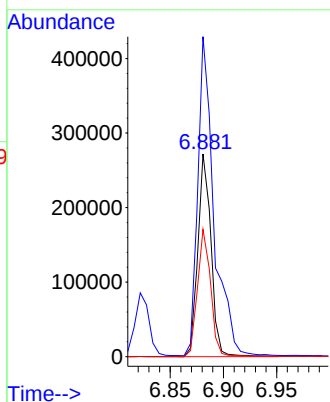
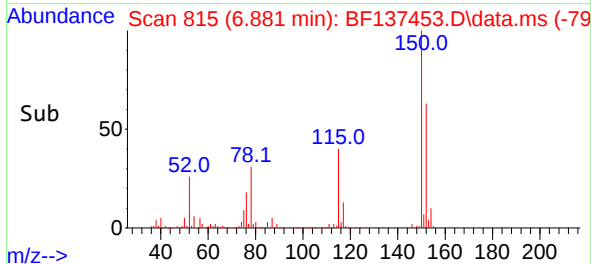
Instrument :
BNA_F
ClientSampleId :
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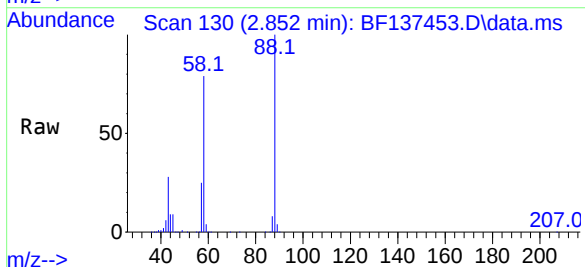
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Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 62.8 48.8 73.2

Manual Integrations
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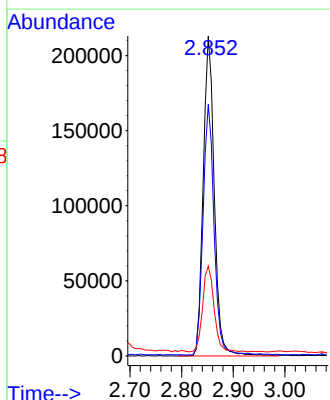
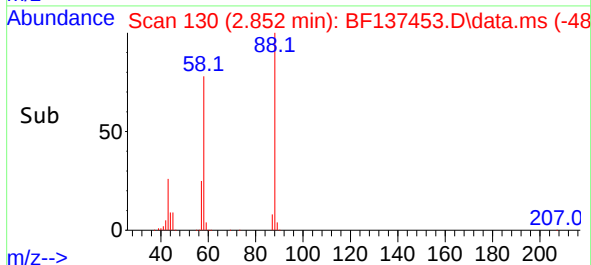
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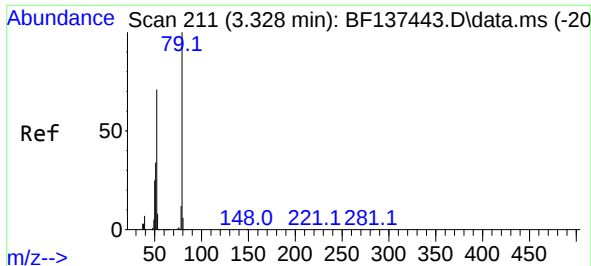


#2
1,4-Dioxane
Concen: 37.388 ng
RT: 2.852 min Scan# 130
Delta R.T. 0.129 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion: 88 Resp: 318278
Ion Ratio Lower Upper
88 100
58 77.6 61.8 92.8
43 27.5 22.2 33.4





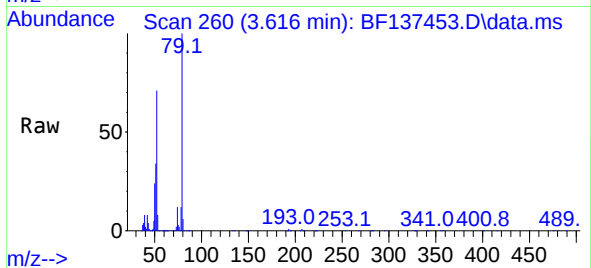
#3
Pyridine
Concen: 35.786 ng
RT: 3.616 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

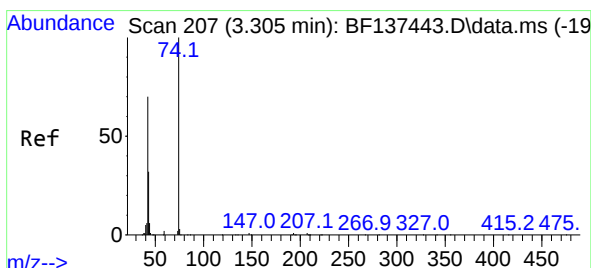
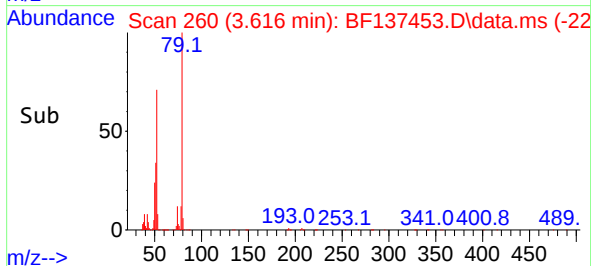
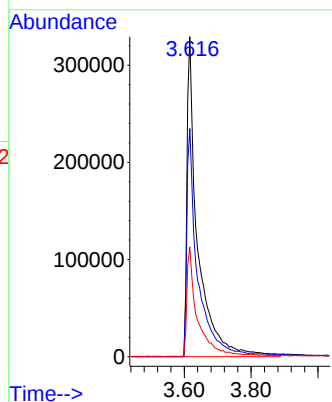


Tgt Ion: 79 Resp: 734711
Ion Ratio Lower Upper
79 100
52 71.3 57.0 85.4
51 34.3 27.5 41.3

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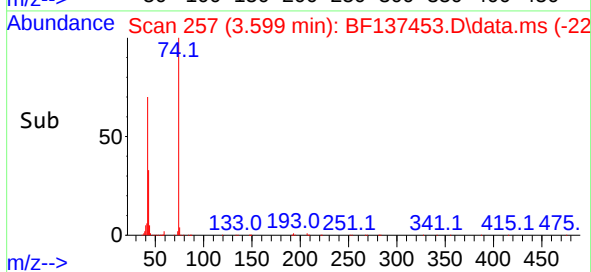
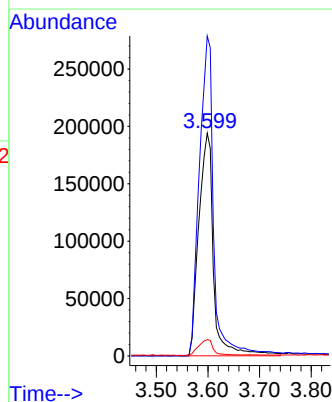
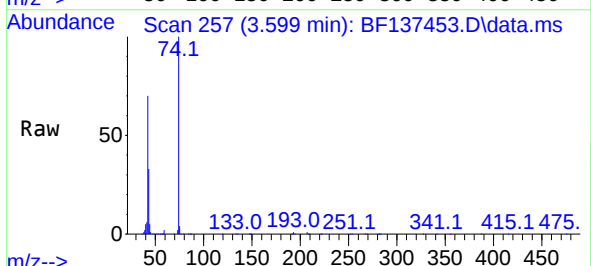
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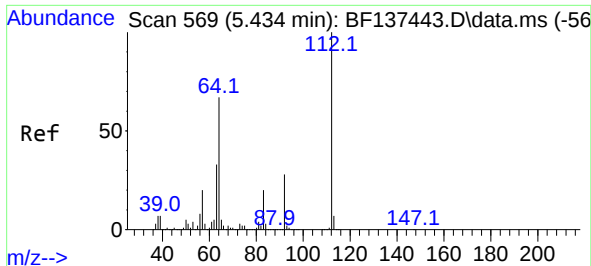
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#4
n-Nitrosodimethylamine
Concen: 46.209 ng
RT: 3.599 min Scan# 257
Delta R.T. 0.100 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

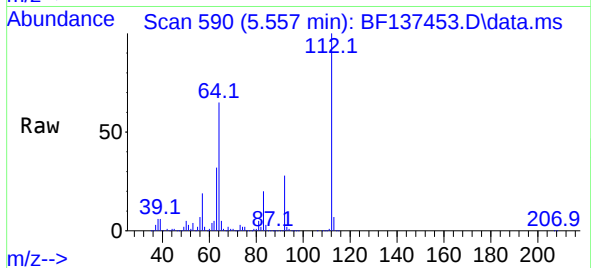
Tgt Ion: 42 Resp: 383025
Ion Ratio Lower Upper
42 100
74 143.5 114.0 171.0
44 7.3 7.0 10.4





#5
2-Fluorophenol
Concen: 126.504 ng
RT: 5.557 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

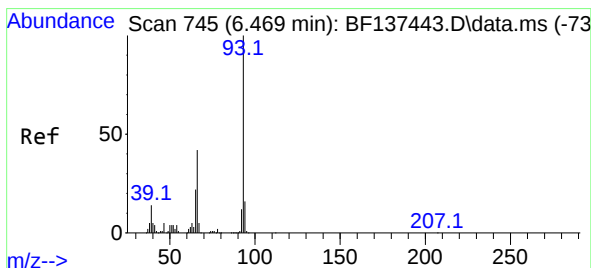
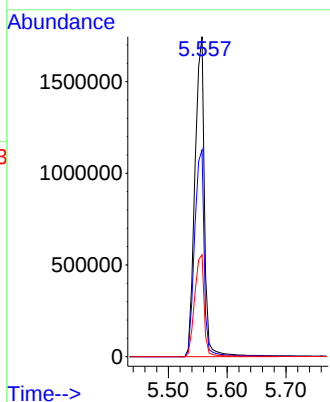
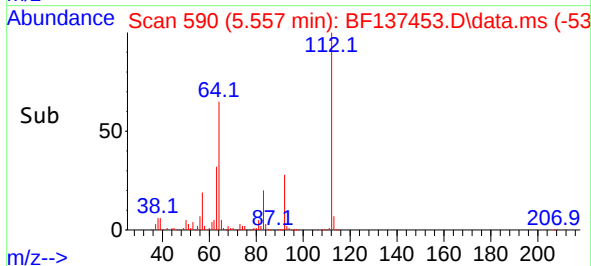
Instrument :
BNA_F
ClientSampleId :
PB159365BS



Tgt Ion:112 Resp: 1969500
Ion Ratio Lower Upper
112 100
64 64.6 53.4 80.2
63 31.9 26.2 39.2

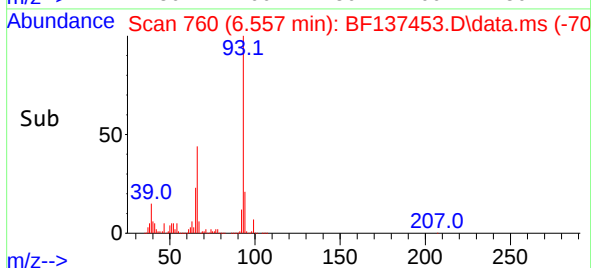
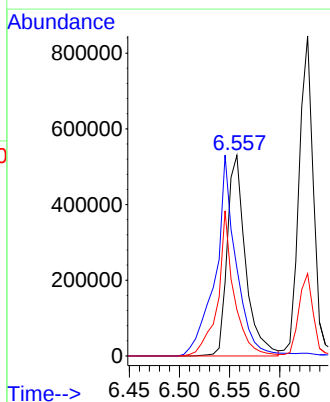
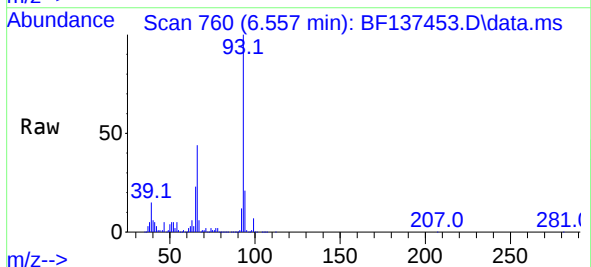
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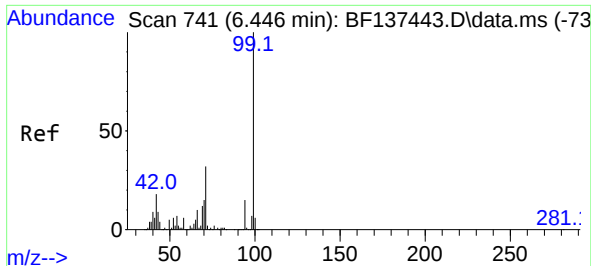
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#6
Aniline
Concen: 24.582 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 93 Resp: 675022
Ion Ratio Lower Upper
93 100
66 43.8 34.0 51.0
65 23.0 17.8 26.8





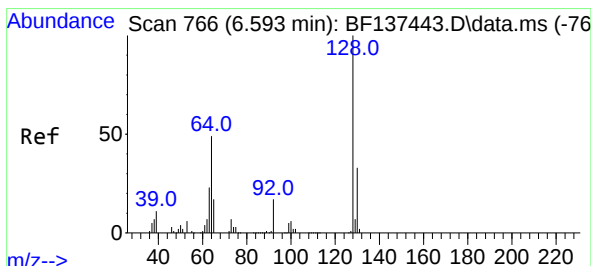
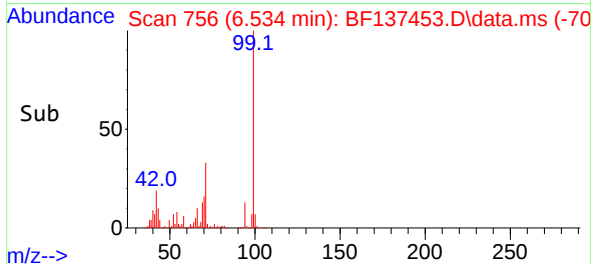
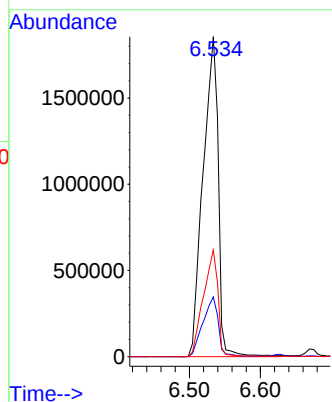
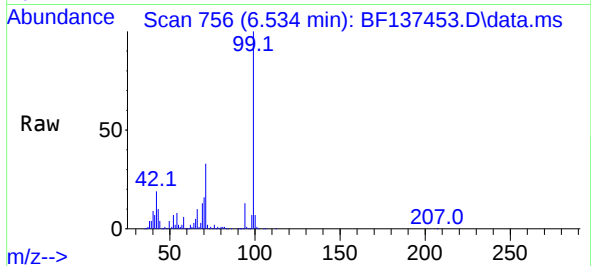
#7
Phenol-d6
Concen: 122.960 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 276326
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 33.3 25.3 37.9

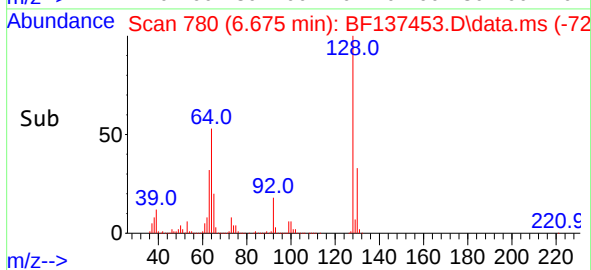
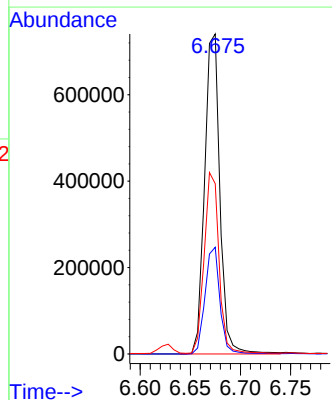
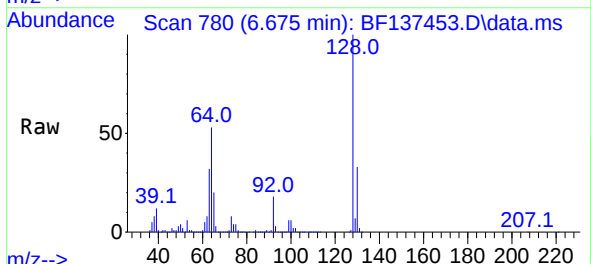
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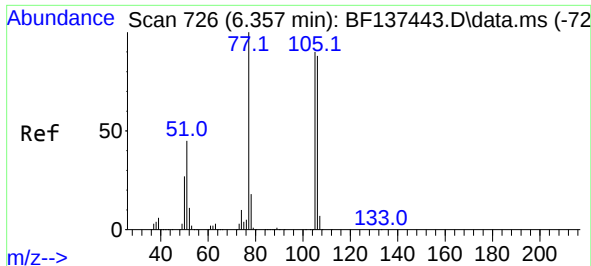
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#8
2-Chlorophenol
Concen: 48.136 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:128 Resp: 790446
Ion Ratio Lower Upper
128 100
130 33.4 13.4 53.4
64 53.2 30.0 70.0





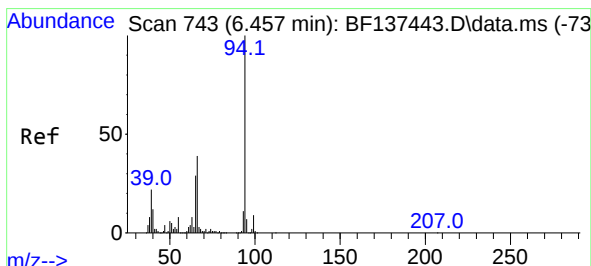
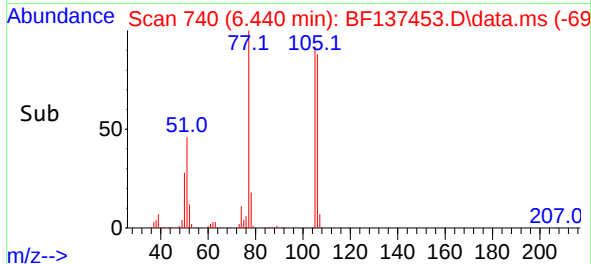
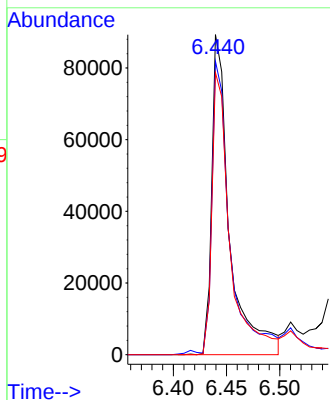
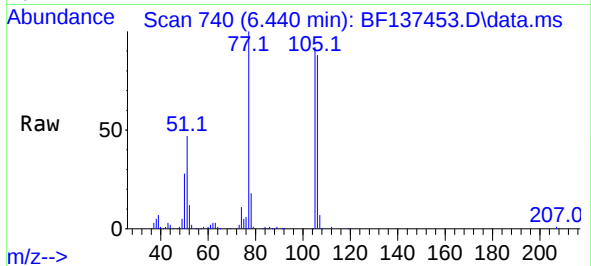
#9
Benzaldehyde
Concen: 9.502 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137453.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 10461
Ion Ratio Lower Upper
77 100
105 91.7 69.8 109.8
106 88.1 67.8 107.8

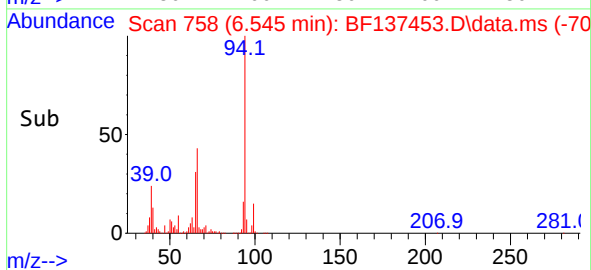
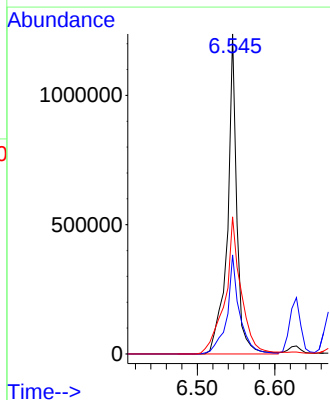
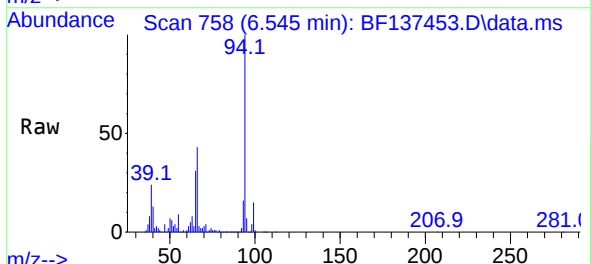
Manual Integrations
APPROVED

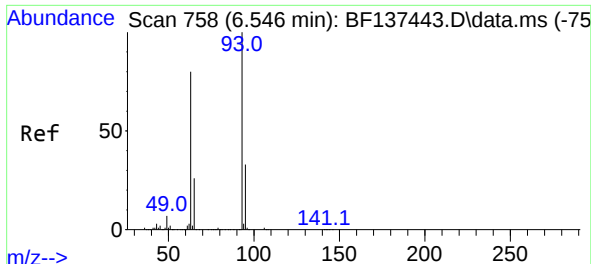
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#10
Phenol
Concen: 43.463 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

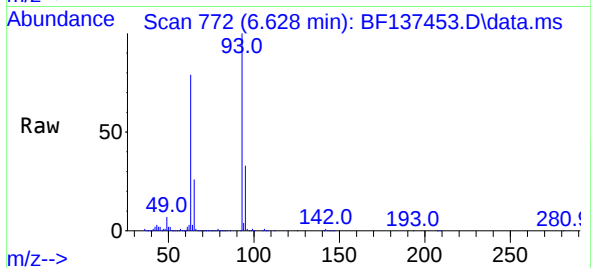
Tgt Ion: 94 Resp: 1051296
Ion Ratio Lower Upper
94 100
65 31.0 8.7 48.7
66 42.9 18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 45.316 ng
RT: 6.628 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

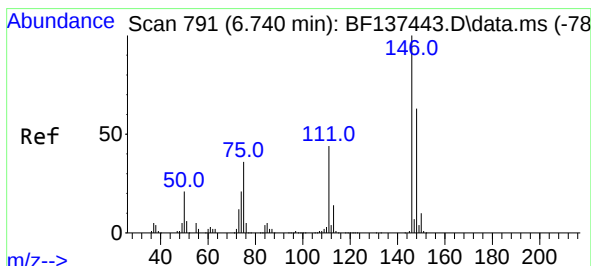
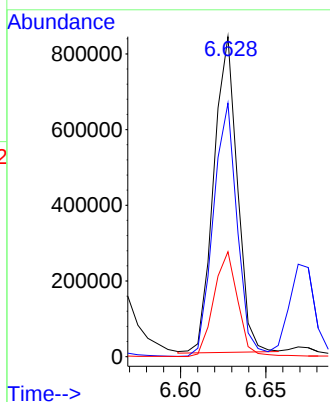
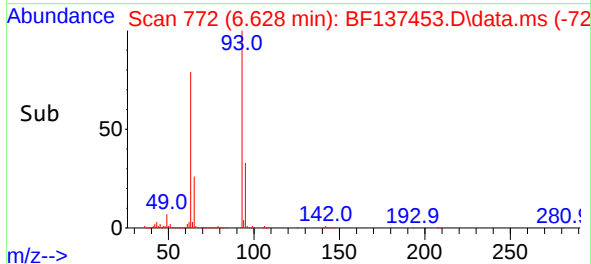
Instrument :
BNA_F
ClientSampleId :
PB159365BS



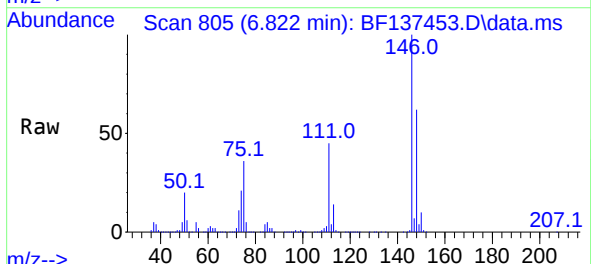
Tgt Ion: 93 Resp: 803229
Ion Ratio Lower Upper
93 100
63 79.2 58.9 98.9
95 32.8 12.2 52.2

Manual Integrations
APPROVED

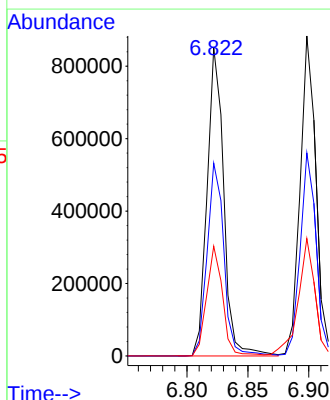
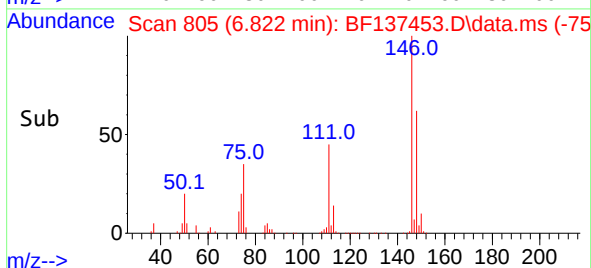
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

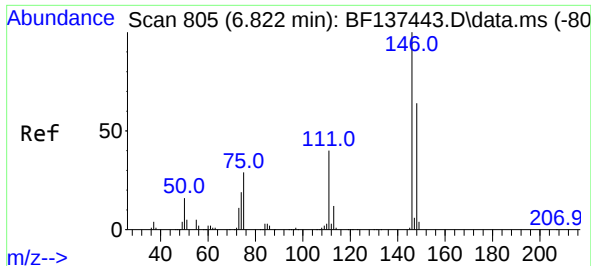


#12
1,3-Dichlorobenzene
Concen: 46.035 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



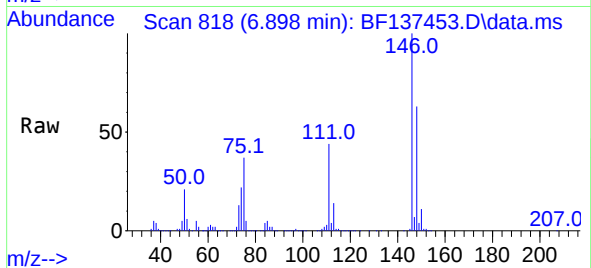
Tgt Ion:146 Resp: 807775
Ion Ratio Lower Upper
146 100
148 62.5 50.3 75.5
75 35.6 29.0 43.4





#13
1,4-Dichlorobenzene
Concen: 46.362 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

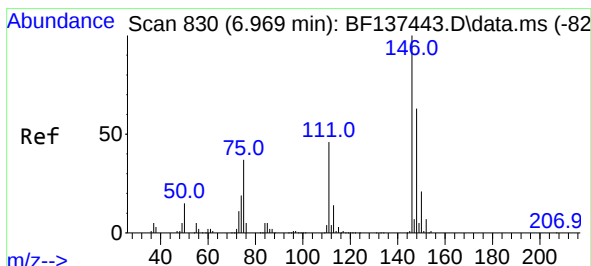
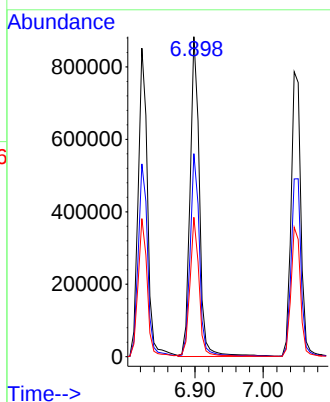
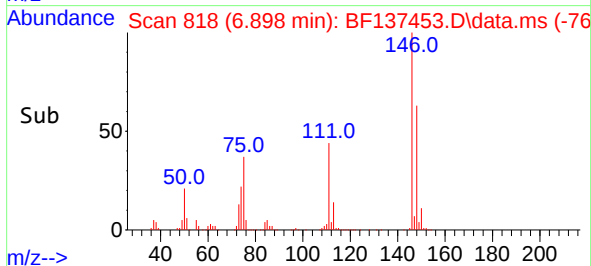
Instrument :
BNA_F
ClientSampleId :
PB159365BS



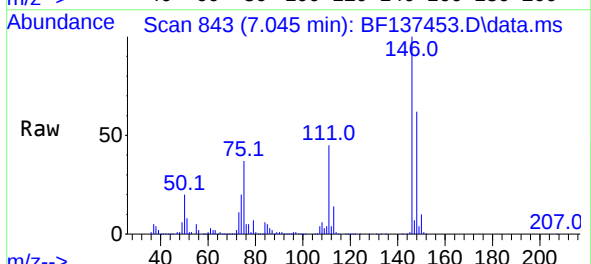
Tgt Ion:146 Resp: 832360
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 43.6 32.4 48.6

Manual Integrations
APPROVED

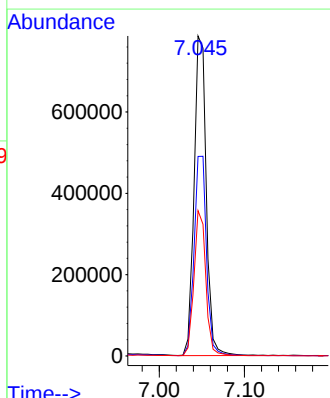
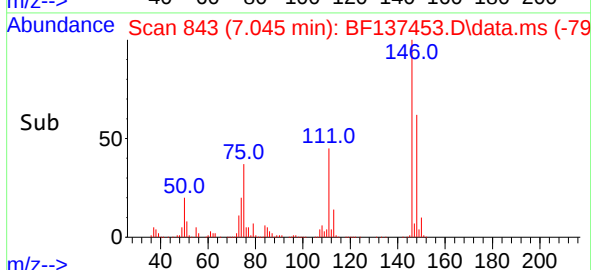
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

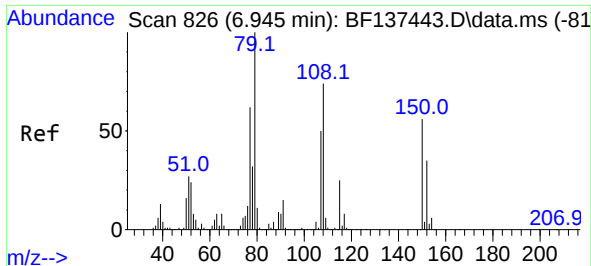


#14
1,2-Dichlorobenzene
Concen: 47.421 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



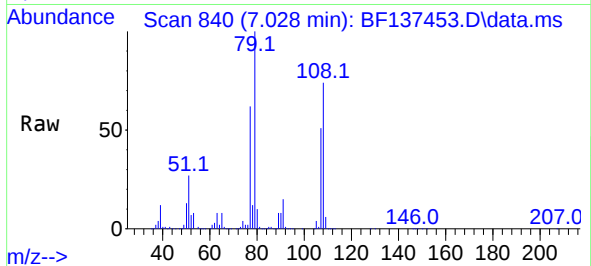
Tgt Ion:146 Resp: 781441
Ion Ratio Lower Upper
146 100
148 62.4 50.0 75.0
111 45.4 36.8 55.2





#15
Benzyl Alcohol
Concen: 52.543 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

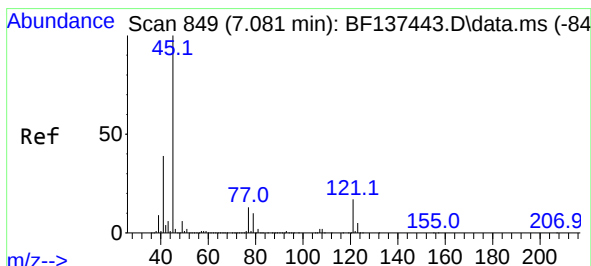
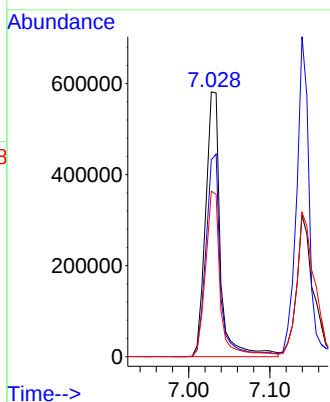
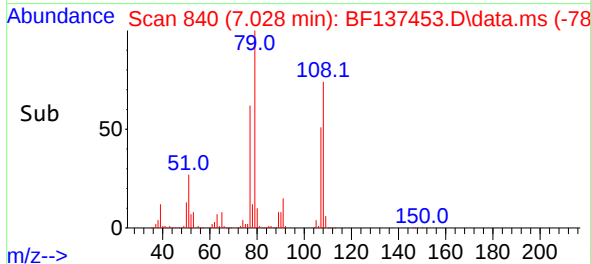
Instrument :
BNA_F
ClientSampleId :
PB159365BS



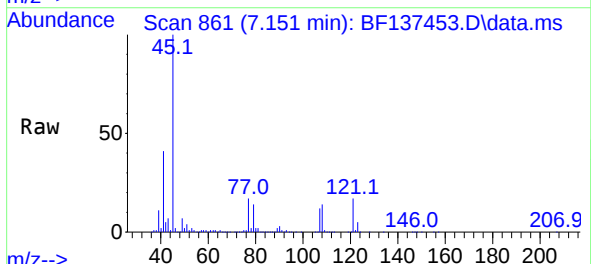
Tgt Ion: 79 Resp: 735100
Ion Ratio Lower Upper
79 100
108 74.3 59.5 89.3
77 62.5 50.0 75.0

Manual Integrations
APPROVED

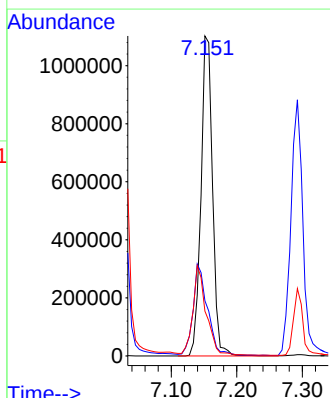
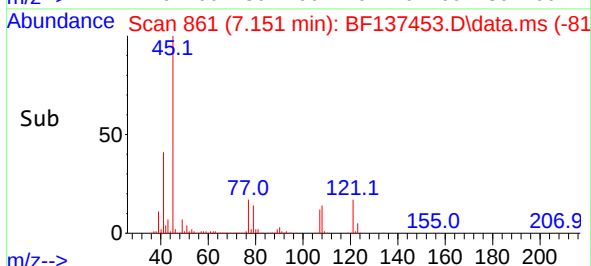
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

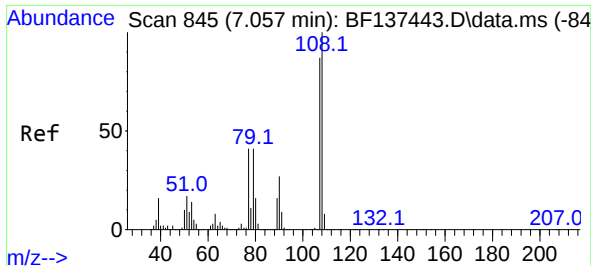


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.468 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion: 45 Resp: 1354856
Ion Ratio Lower Upper
45 100
77 17.3 0.0 33.4
79 14.0 0.0 30.9





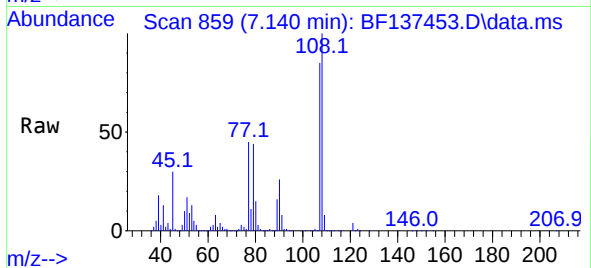
#17
2-Methylphenol
Concen: 43.297 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

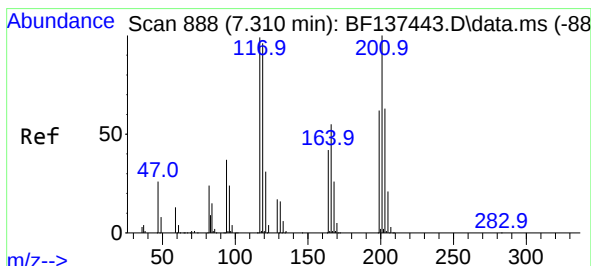
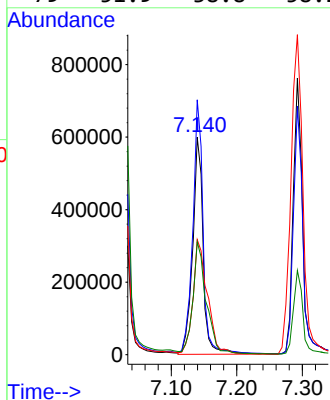
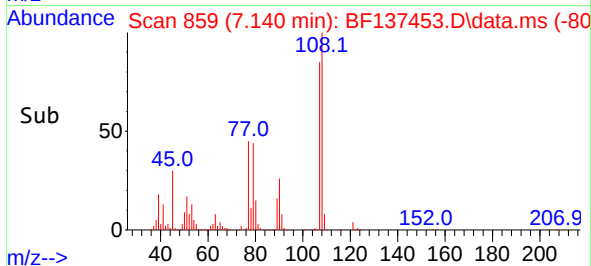


Tgt Ion:107 Resp: 665280
Ion Ratio Lower Upper
107 100
108 117.2 92.2 138.4
77 52.9 38.6 57.8
79 51.9 38.8 58.2

Manual Integrations

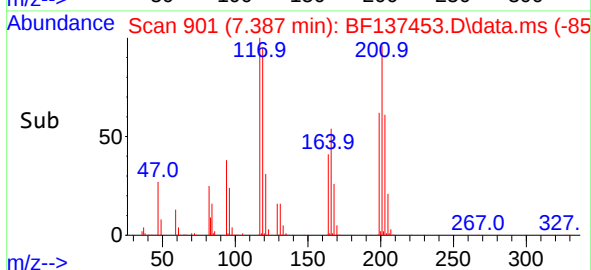
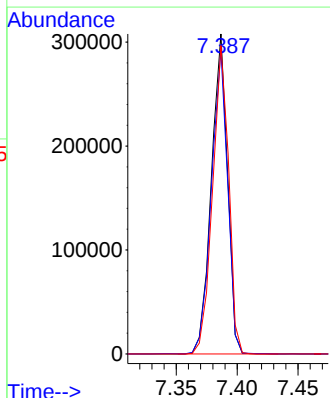
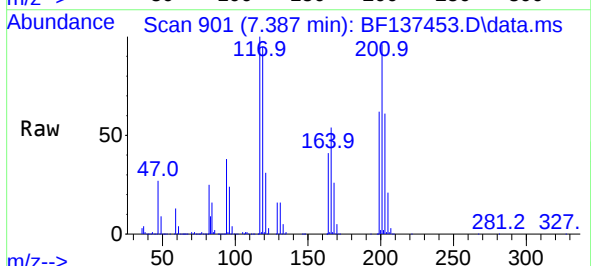
APPROVED

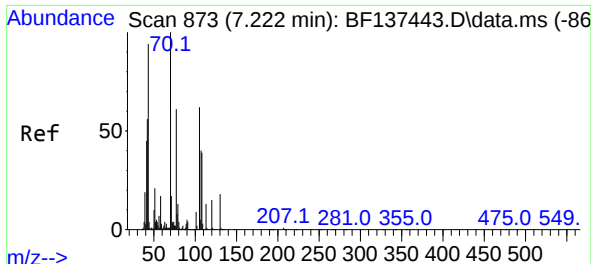
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#18
Hexachloroethane
Concen: 47.828 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:117 Resp: 282737
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
201 96.4 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.545 ng
RT: 7.298 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

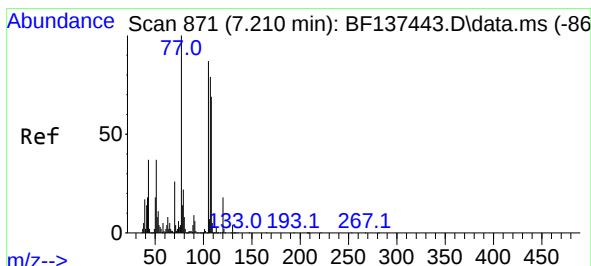
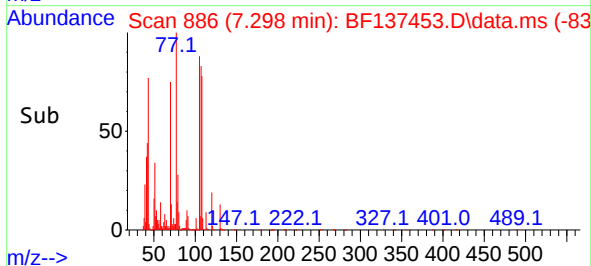
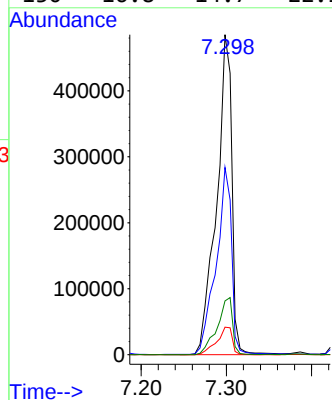
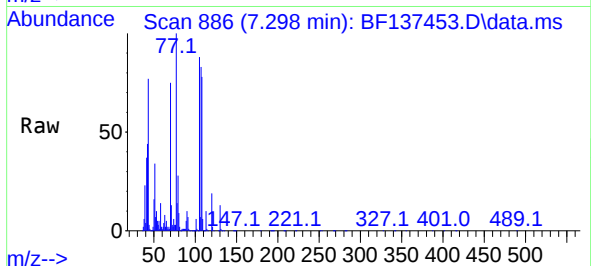
PB159365BS

Tgt Ion: 70 Resp: 60429
Ion Ratio Lower Upper
70 100
42 58.5 45.2 67.8
101 8.6 7.3 10.9
130 16.8 14.7 22.1

Manual Integrations

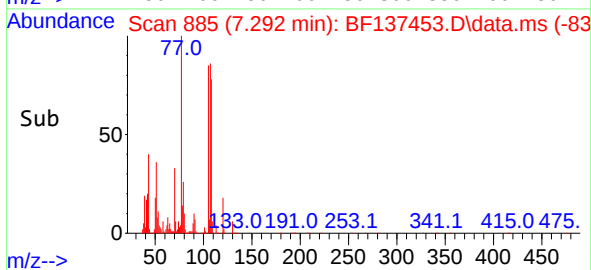
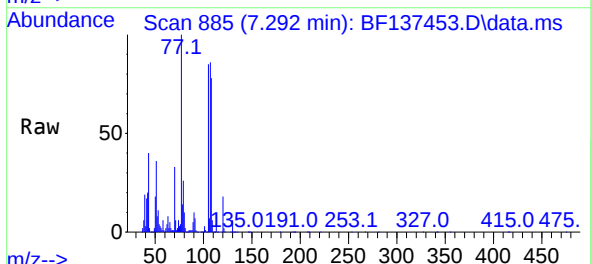
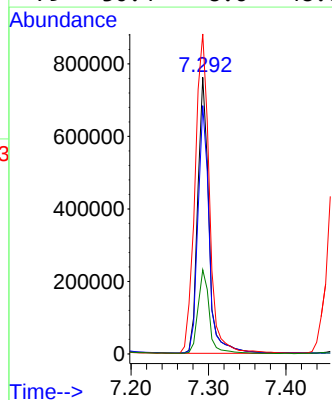
APPROVED

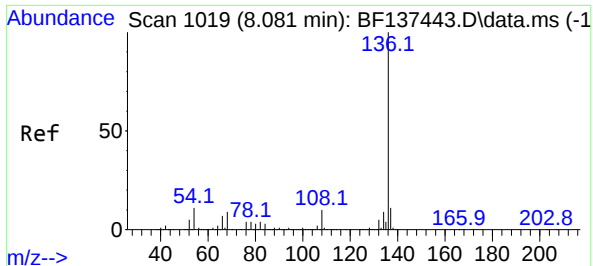
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#20
3+4-Methylphenols
Concen: 43.270 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:107 Resp: 761465
Ion Ratio Lower Upper
107 100
108 89.7 67.6 107.6
77 115.6 107.1 147.1
79 30.4 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

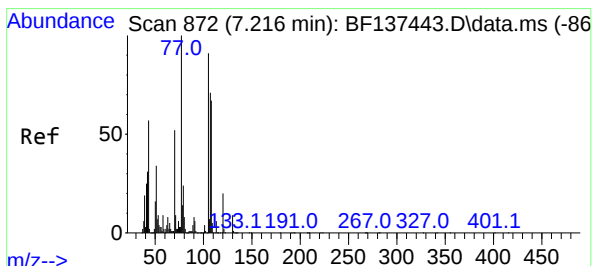
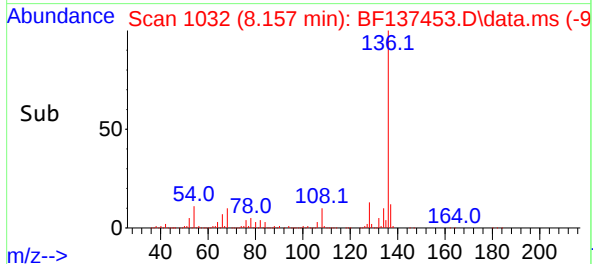
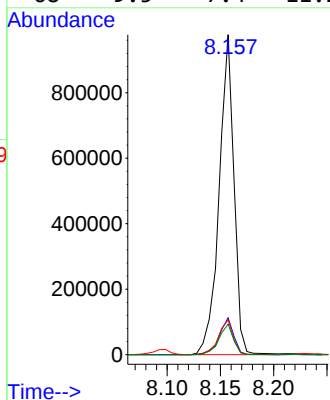
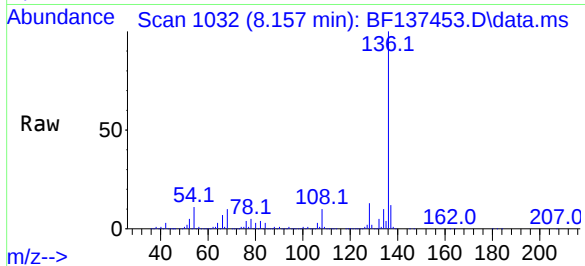
PB159365BS

Tgt Ion:136 Resp: 94496
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.9 8.5 12.7
68 9.5 7.4 11.2

Manual Integrations

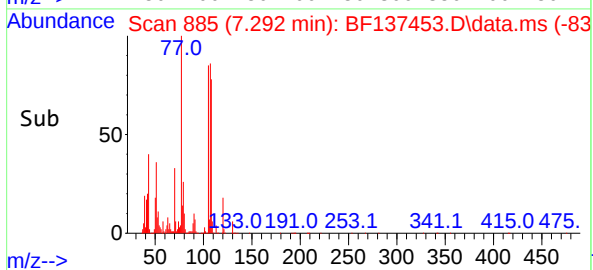
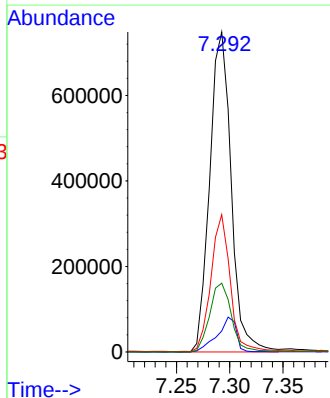
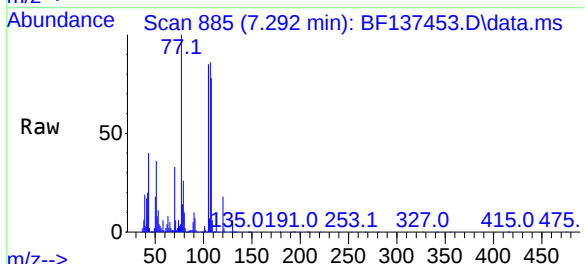
APPROVED

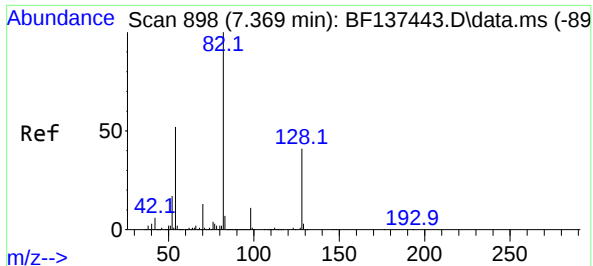
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#22
Acetophenone
Concen: 45.823 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:105 Resp: 1047689
Ion Ratio Lower Upper
105 100
71 6.5 7.7 11.5#
51 42.9 30.4 45.6
120 21.5 17.4 26.0





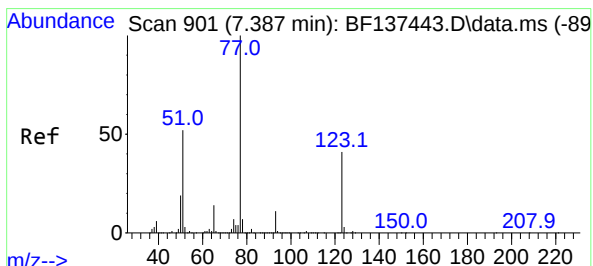
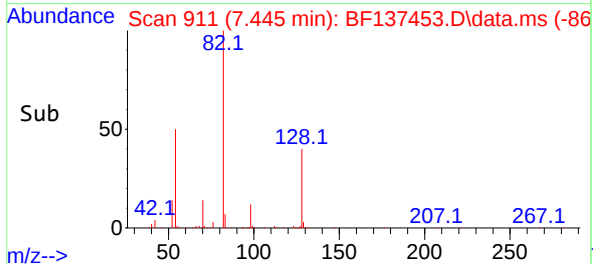
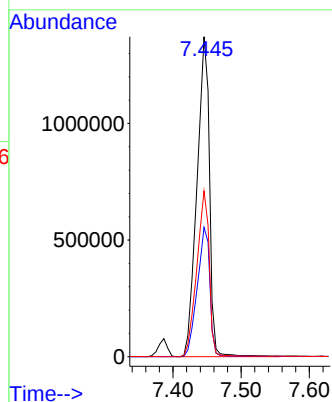
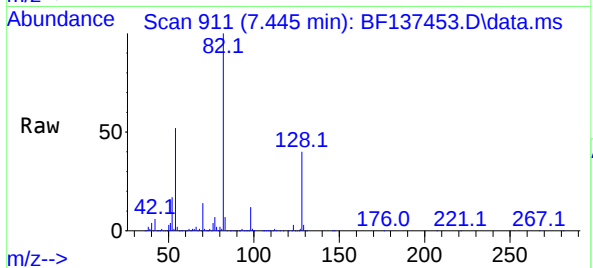
#23
Nitrobenzene-d5
Concen: 86.319 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :
BNA_F
ClientSampleId :
PB159365BS

Tgt Ion: 82 Resp: 175551
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 51.7 41.5 62.3

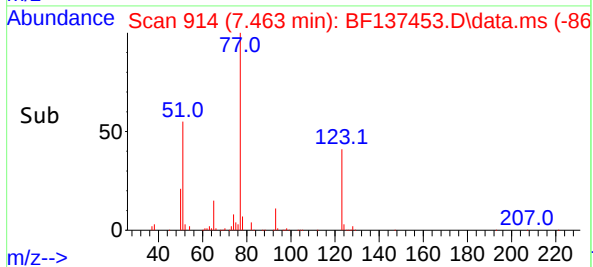
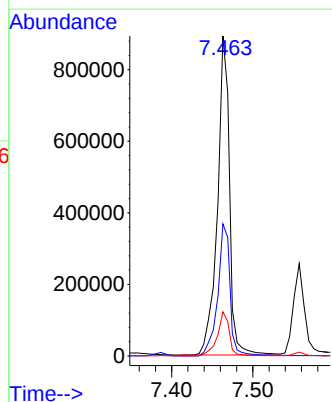
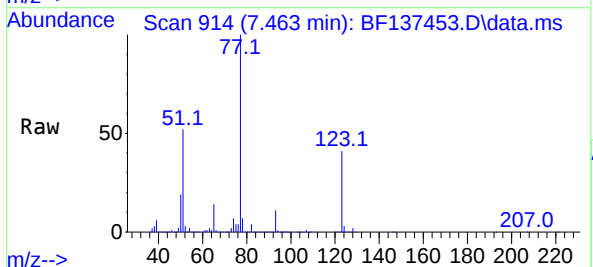
Manual Integrations
APPROVED

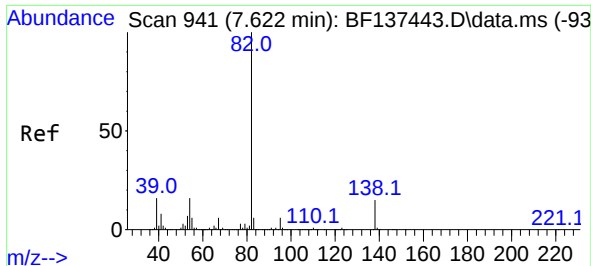
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#24
Nitrobenzene
Concen: 45.191 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

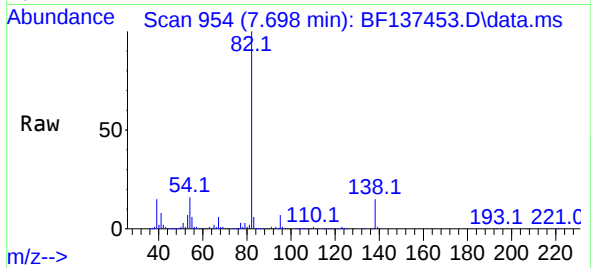
Tgt Ion: 77 Resp: 923263
Ion Ratio Lower Upper
77 100
123 41.3 33.0 49.6
65 13.8 10.9 16.3





#25
Isophorone
Concen: 46.030 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

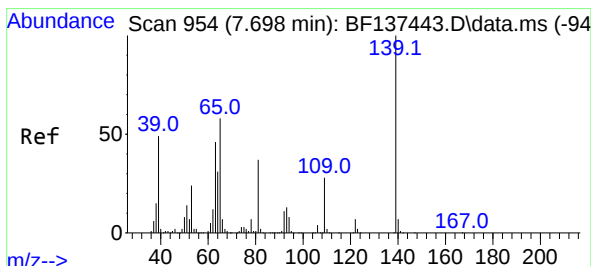
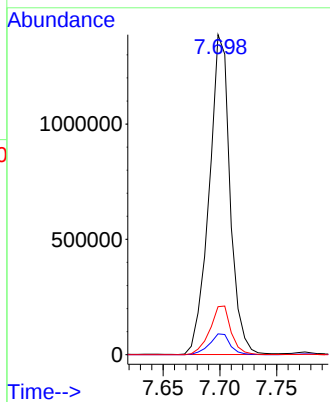
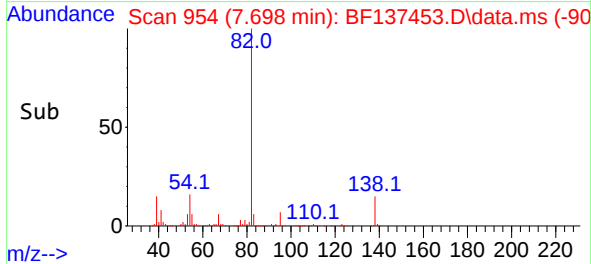
Instrument :
BNA_F
ClientSampleId :
PB159365BS



Tgt Ion: 82 Resp: 1778494
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.0 11.8 17.8

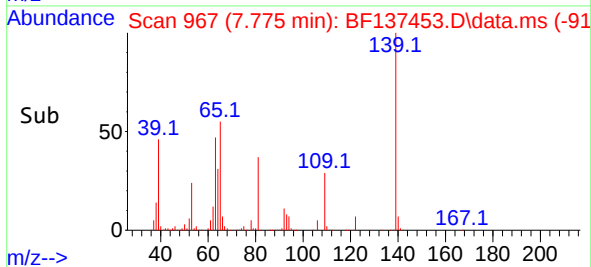
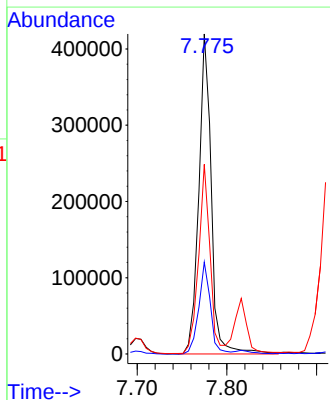
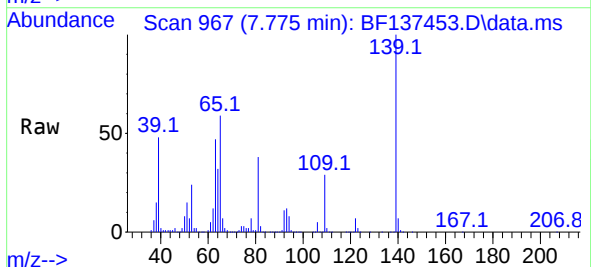
Manual Integrations
APPROVED

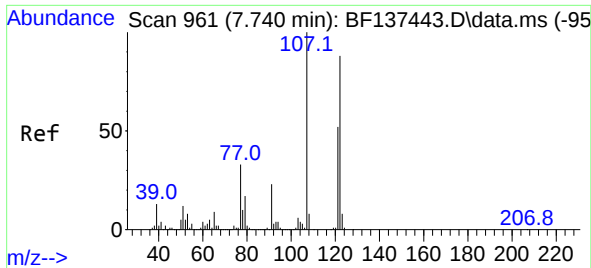
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#26
2-Nitrophenol
Concen: 50.006 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:139 Resp: 405601
Ion Ratio Lower Upper
139 100
109 28.7 22.2 33.4
65 59.3 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 39.281 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

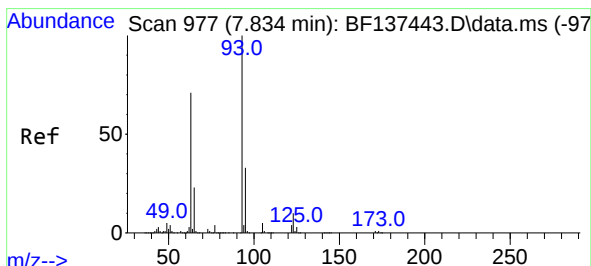
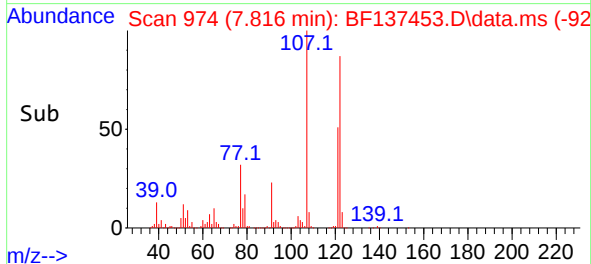
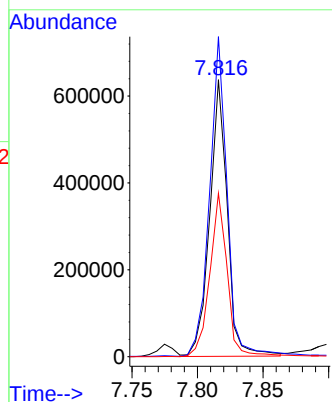
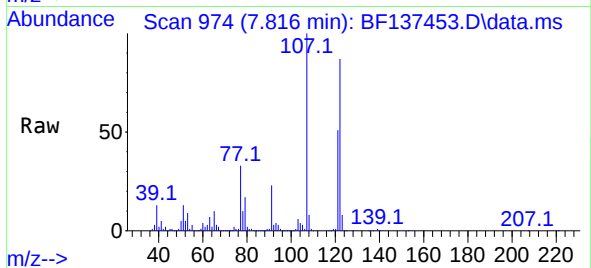
PB159365BS

Tgt Ion:122 Resp: 595329
Ion Ratio Lower Upper
122 100
107 115.5 90.9 136.3
121 59.0 47.0 70.6

Manual Integrations

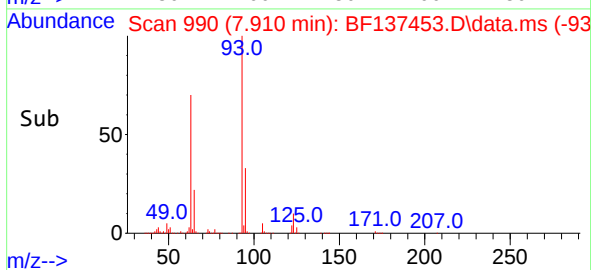
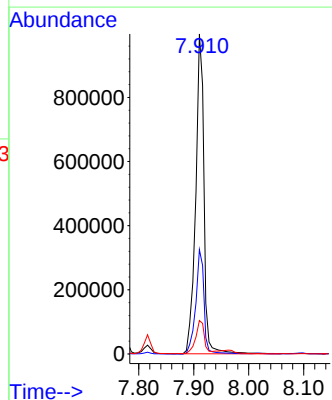
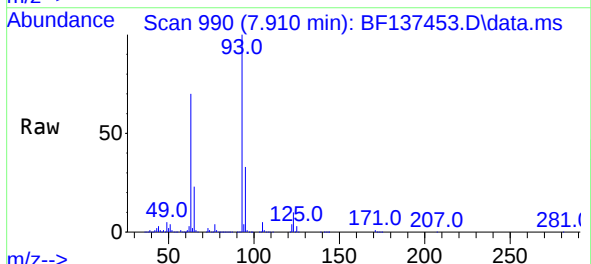
APPROVED

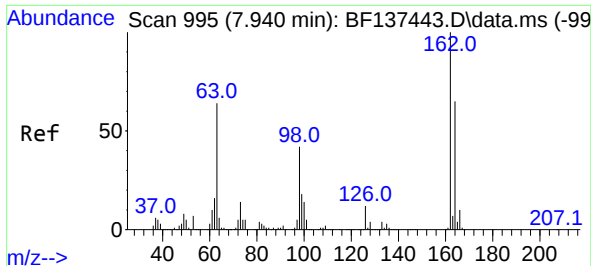
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.105 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 93 Resp: 1045210
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.4 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 47.656 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

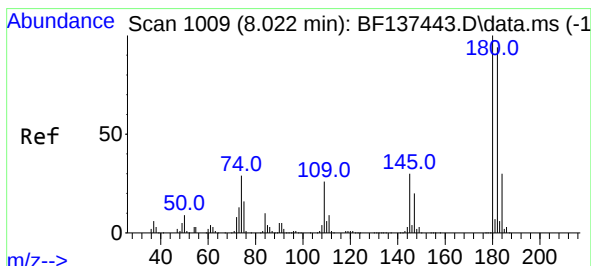
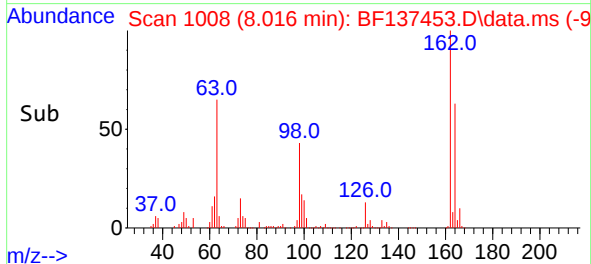
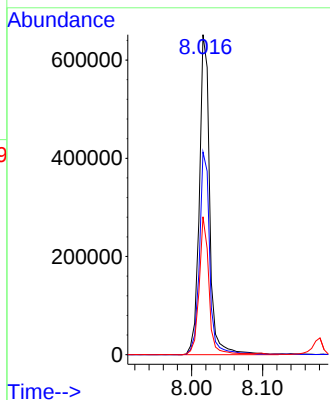
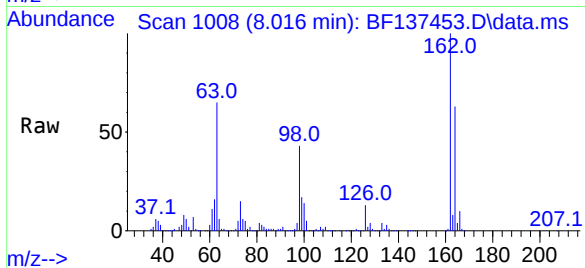
ClientSampleId :

PB159365BS

Tgt Ion:162 Resp: 66287
Ion Ratio Lower Upper
162 100
164 63.3 44.7 84.7
98 43.1 22.0 62.0

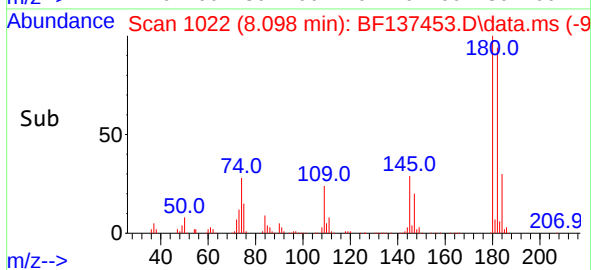
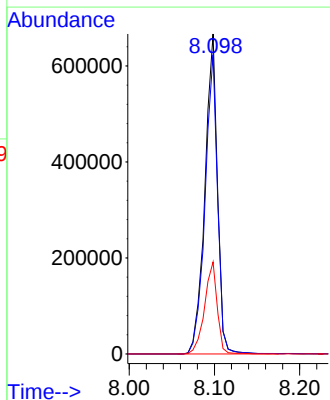
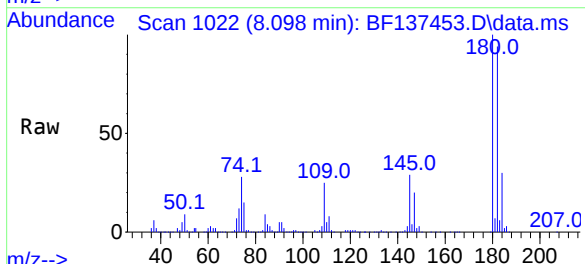
Manual Integrations
APPROVED

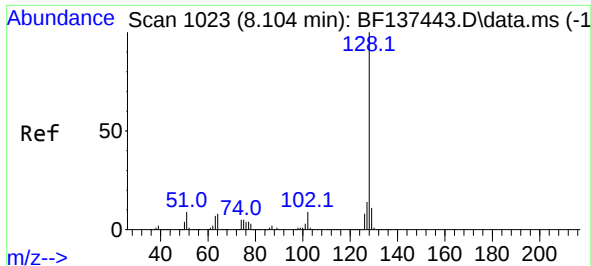
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.776 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

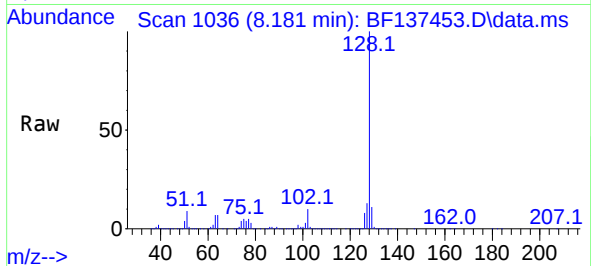
Tgt Ion:180 Resp: 684694
Ion Ratio Lower Upper
180 100
182 93.6 75.0 112.6
145 28.8 23.7 35.5





#31
Naphthalene
Concen: 44.161 ng
RT: 8.181 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

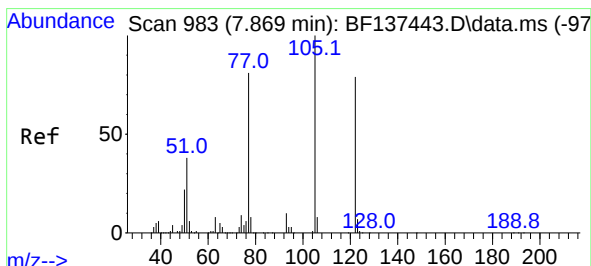
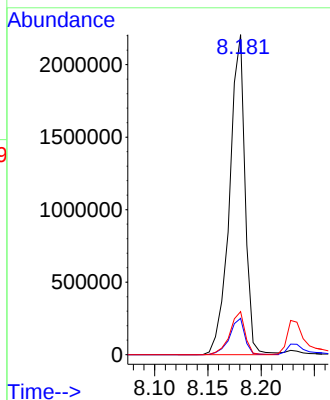
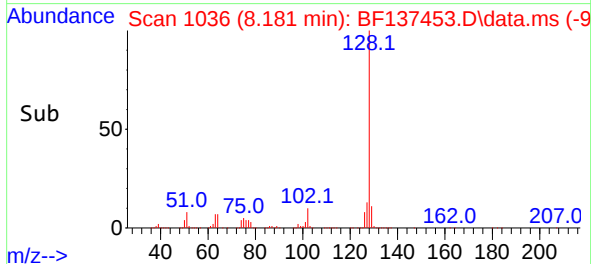
Instrument :
BNA_F
ClientSampleId :
PB159365BS



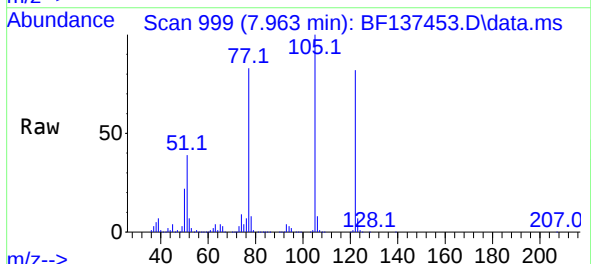
Tgt Ion:128 Resp: 223898
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.8 16.2

Manual Integrations
APPROVED

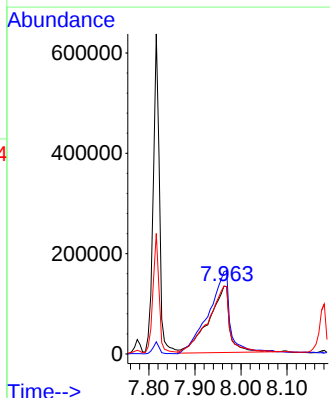
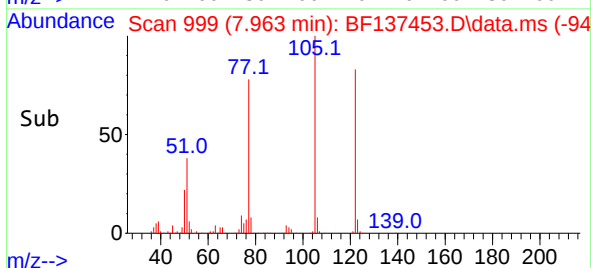
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

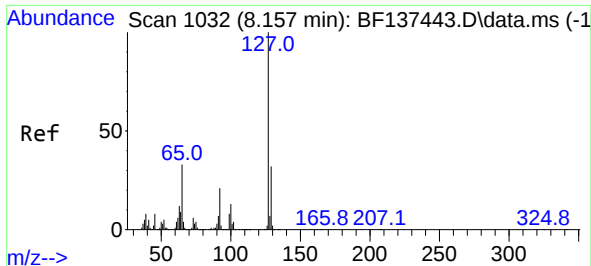


#32
Benzoic acid
Concen: 48.954 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion:122 Resp: 428526
Ion Ratio Lower Upper
122 100
105 121.4 102.4 142.4
77 100.4 81.1 121.1





#33
4-Chloroaniline
Concen: 15.898 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

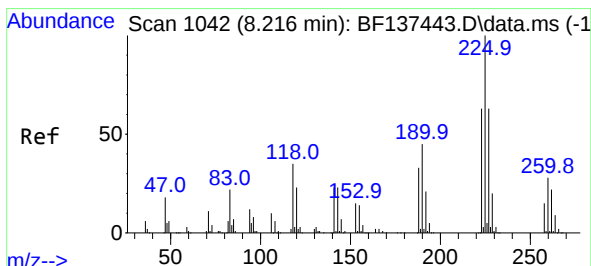
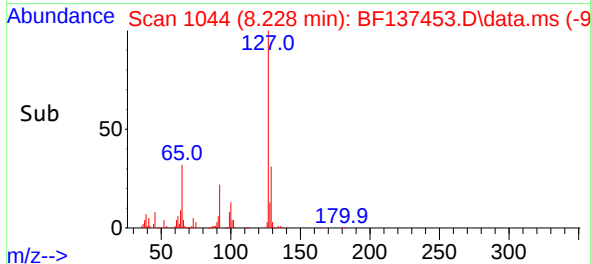
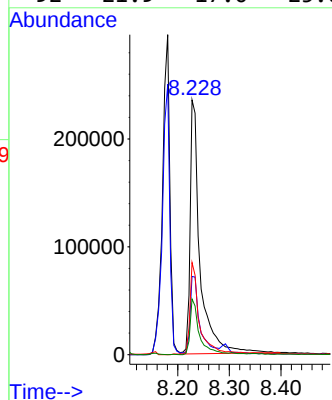
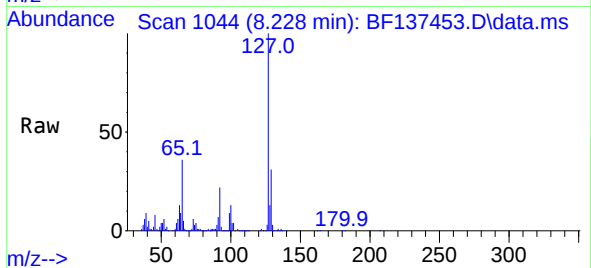
PB159365BS

Tgt Ion:127 Resp: 31606
Ion Ratio Lower Upper
127 100
129 30.7 26.0 39.0
65 36.2 26.8 40.2
92 21.9 17.0 25.6

Manual Integrations

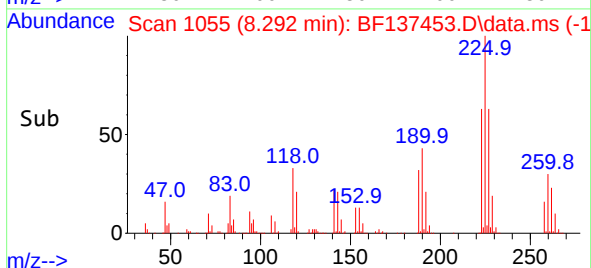
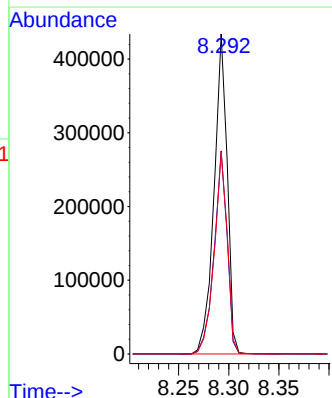
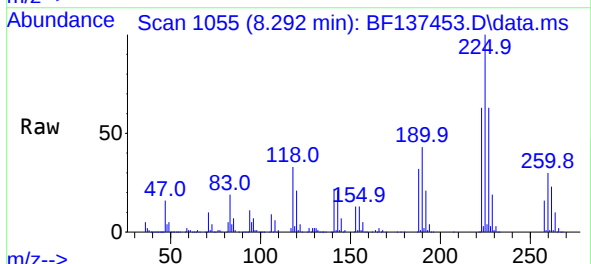
APPROVED

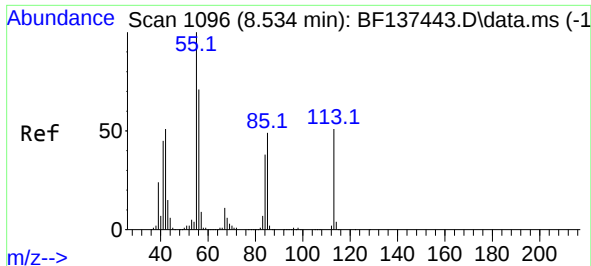
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#34
Hexachlorobutadiene
Concen: 45.788 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

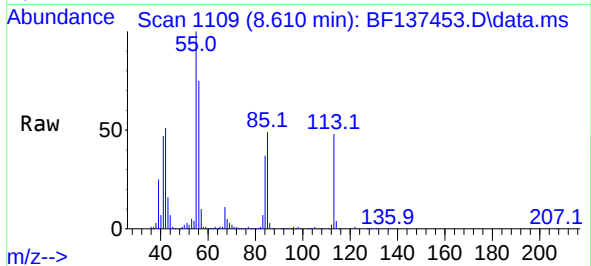
Tgt Ion:225 Resp: 395686
Ion Ratio Lower Upper
225 100
223 63.4 50.7 76.1
227 63.0 50.6 75.8





#35
 Caprolactam
 Concen: 47.145 ng m
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

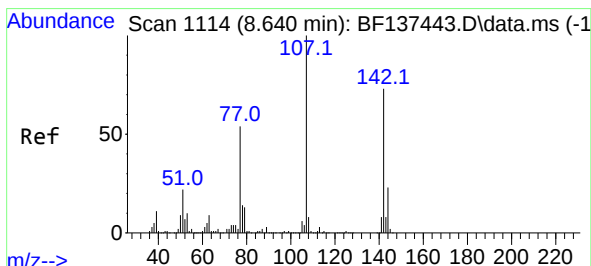
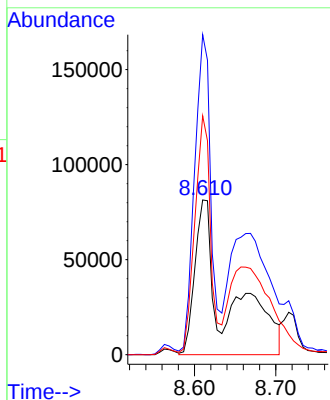
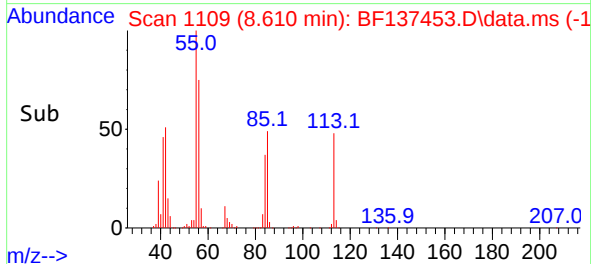
Instrument :
 BNA_F
 ClientSampleId :
 PB159365BS



Tgt Ion:113 Resp: 222359
 Ion Ratio Lower Upper
 113 100
 55 206.9 176.7 216.7
 56 154.5 120.6 160.6

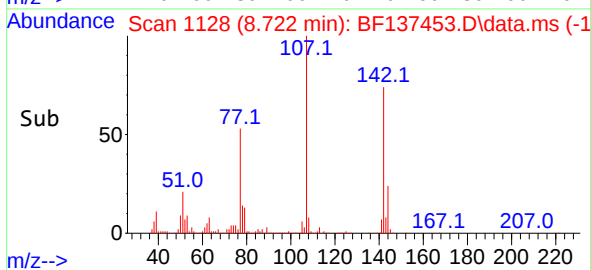
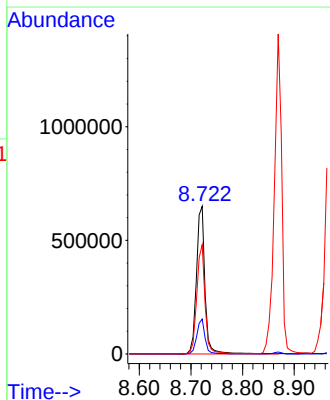
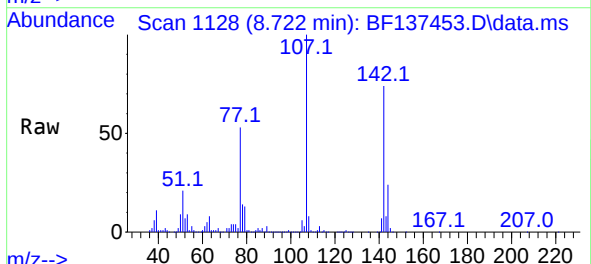
Manual Integrations
 APPROVED

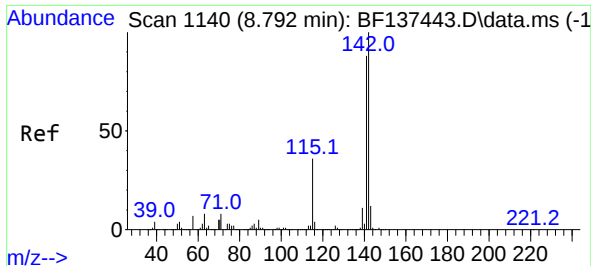
Reviewed By :Jagrut Upadhyay 03/02/2024
 Supervised By :mohammad ahmed 03/04/2024



#36
 4-Chloro-3-methylphenol
 Concen: 47.590 ng
 RT: 8.722 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

Tgt Ion:107 Resp: 739937
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.7 28.1
 142 74.0 58.2 87.2





#37

2-Methylnaphthalene

Concen: 43.261 ng

RT: 8.869 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

Tgt Ion:142 Resp: 139824

Ion Ratio Lower Upper

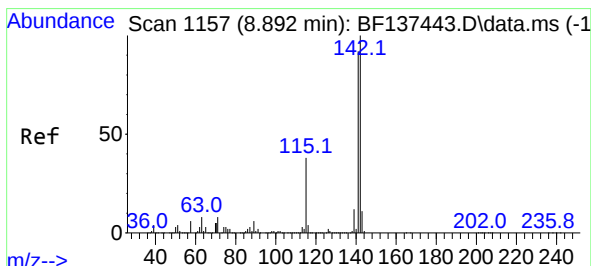
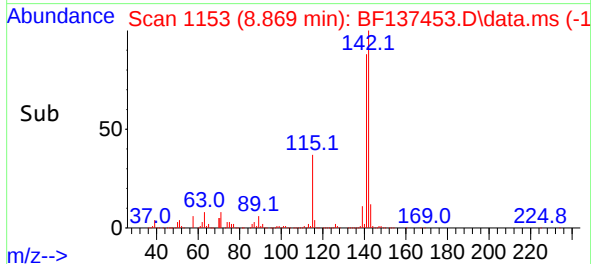
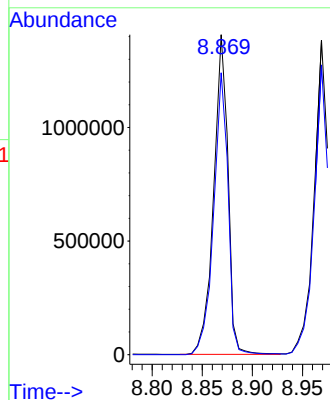
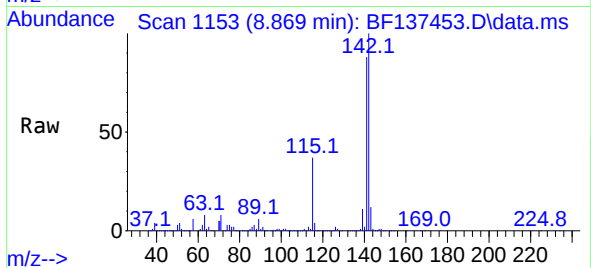
142 100

141 88.1 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#38

1-Methylnaphthalene

Concen: 43.371 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF137453.D

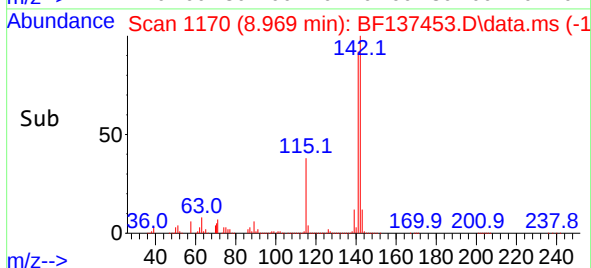
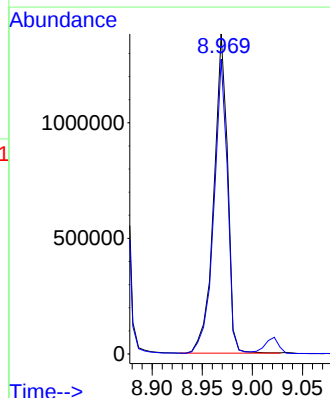
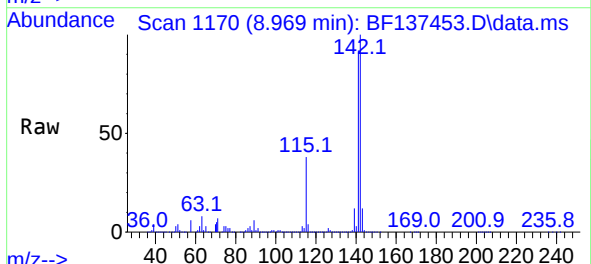
Acq: 01 Mar 2024 11:25

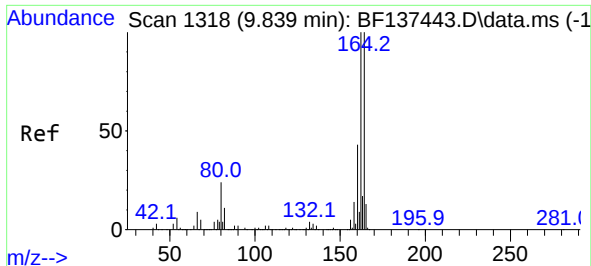
Tgt Ion:142 Resp: 1320133

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.2





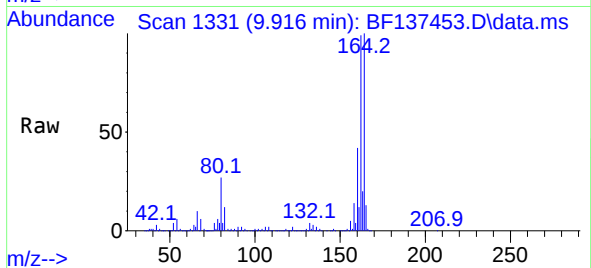
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

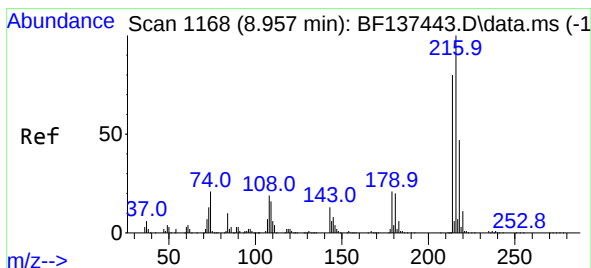
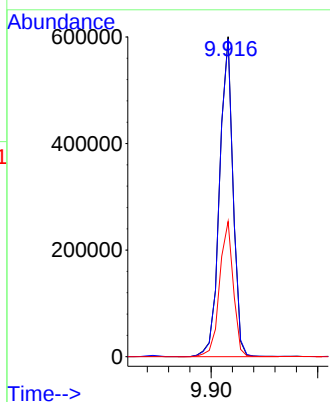
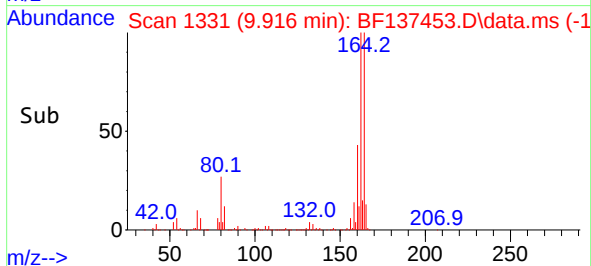


Tgt Ion:164 Resp: 52363
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 42.2 34.4 51.6

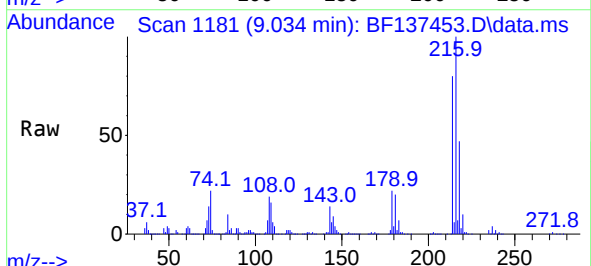
Manual Integrations

APPROVED

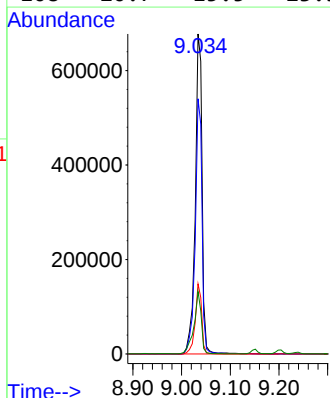
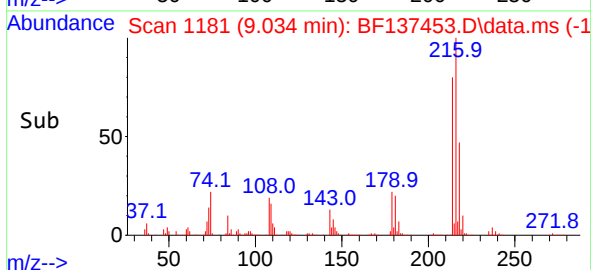
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

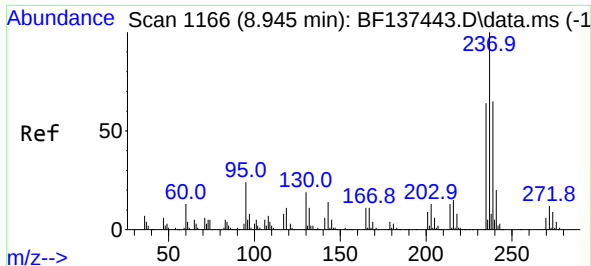


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.845 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



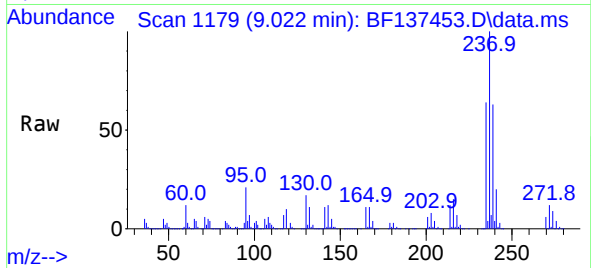
Tgt Ion:216 Resp: 670192
Ion Ratio Lower Upper
216 100
214 78.8 63.5 95.3
179 20.7 16.6 25.0
108 20.7 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 93.400 ng
RT: 9.022 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

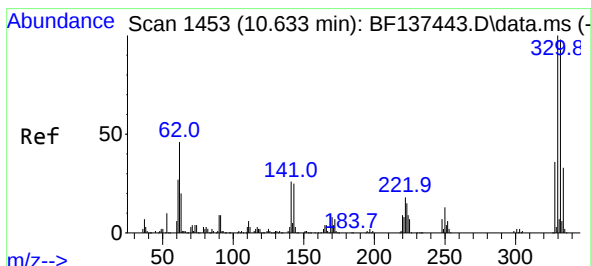
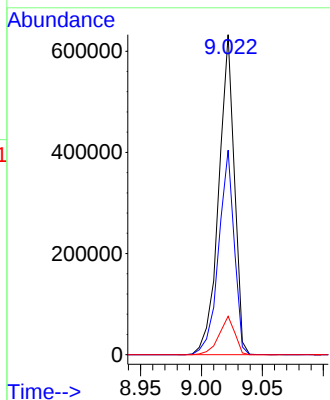
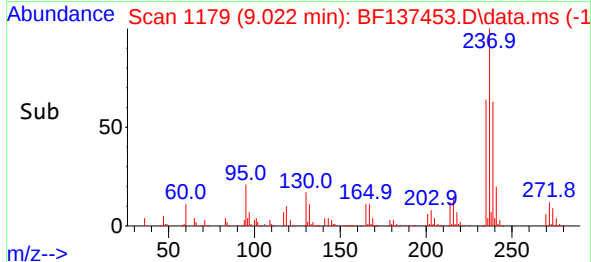
Instrument :
BNA_F
ClientSampleId :
PB159365BS



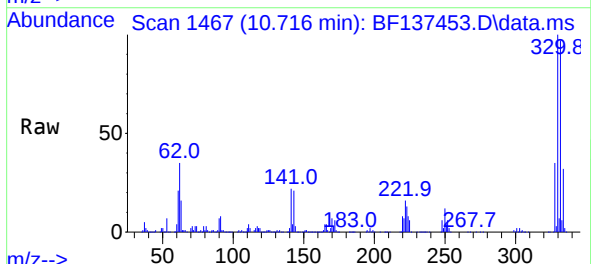
Tgt Ion:237 Resp: 56638
Ion Ratio Lower Upper
237 100
235 63.9 43.6 83.6
272 12.0 0.0 31.9

Manual Integrations
APPROVED

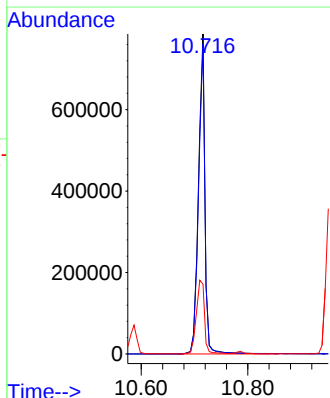
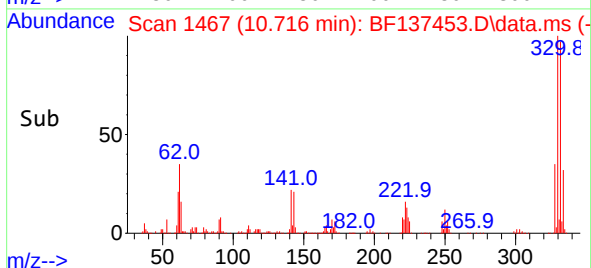
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

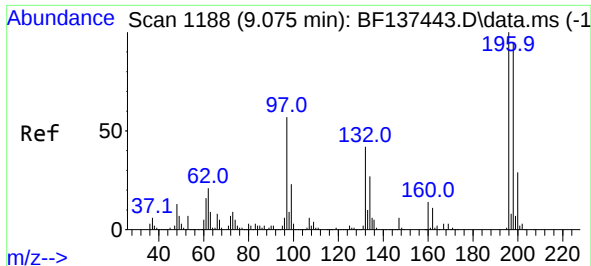


#42
2,4,6-Tribromophenol
Concen: 144.415 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion:330 Resp: 664083
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 29.0 27.3 40.9





#43
2,4,6-Trichlorophenol
Concen: 48.338 ng
RT: 9.151 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

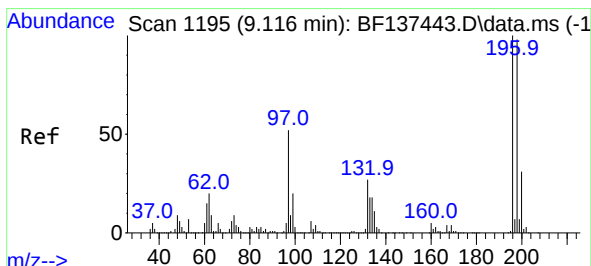
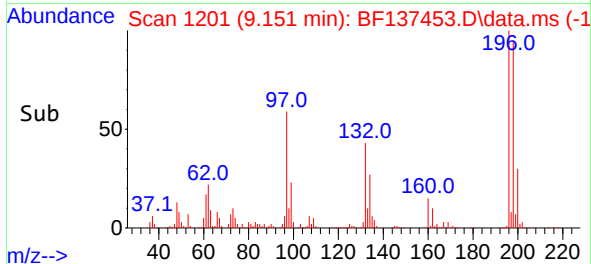
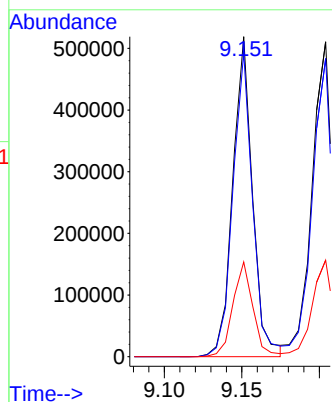
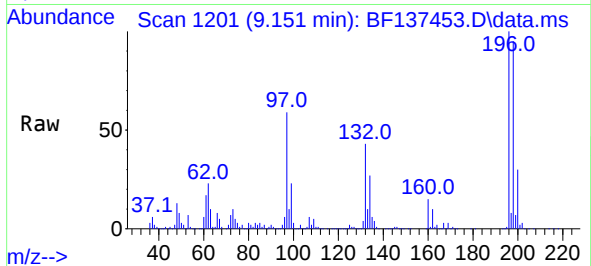
PB159365BS

Tgt Ion:196 Resp: 46016
Ion Ratio Lower Upper
196 100
198 95.1 75.8 113.8
200 29.6 23.5 35.3

Manual Integrations

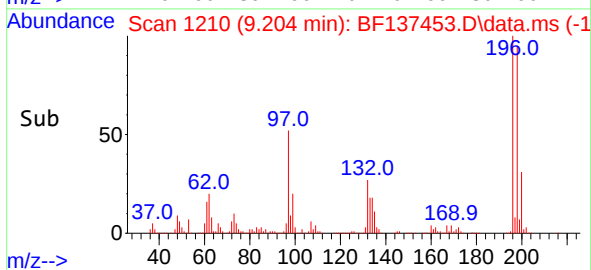
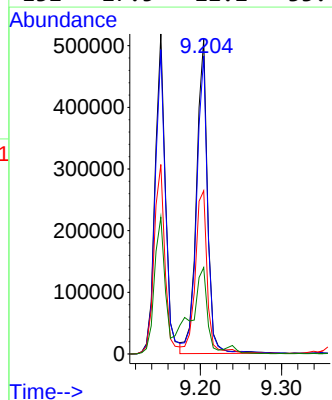
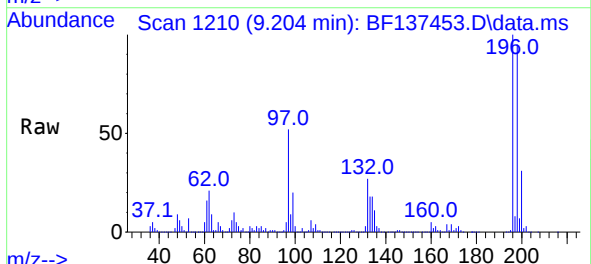
APPROVED

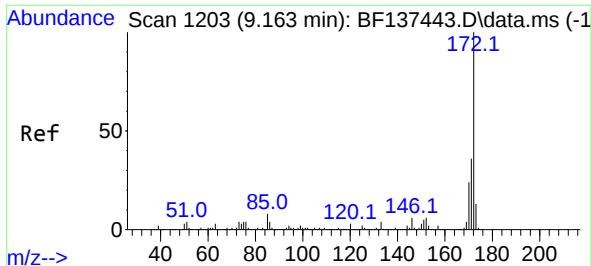
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#44
2,4,5-Trichlorophenol
Concen: 44.489 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.018 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:196 Resp: 487876
Ion Ratio Lower Upper
196 100
198 94.7 78.6 117.8
97 51.8 41.8 62.8
132 27.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 83.077 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

Tgt Ion:172 Resp: 2779024

Ion Ratio Lower Upper

172 100

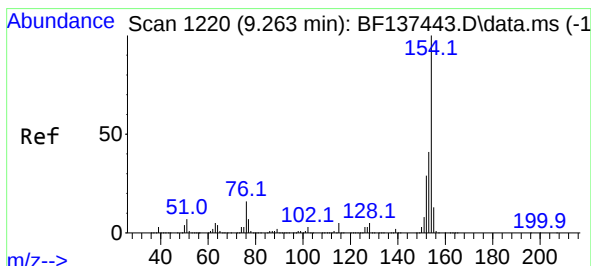
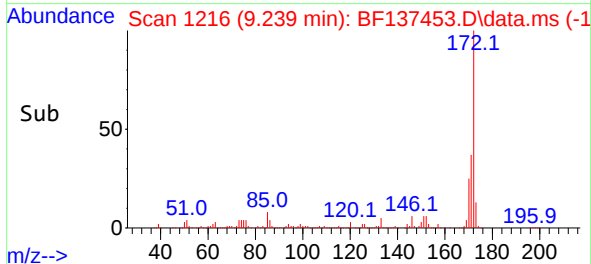
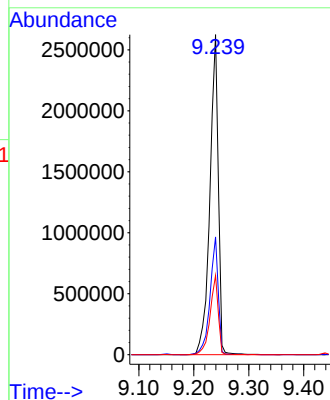
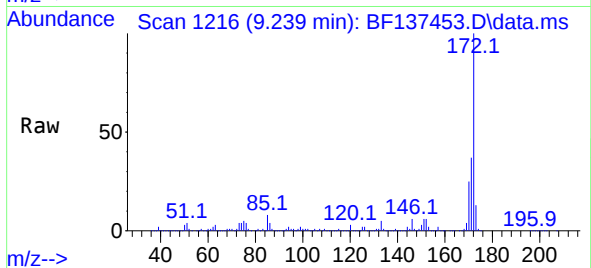
171 36.8 28.5 42.7

170 24.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#46

1,1'-Biphenyl

Concen: 44.512 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

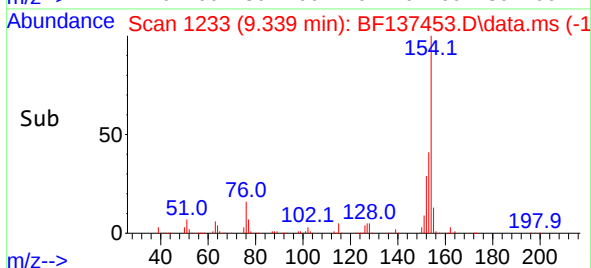
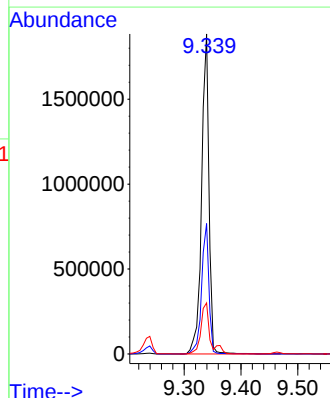
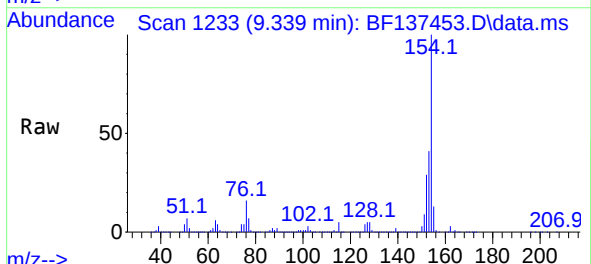
Tgt Ion:154 Resp: 1705960

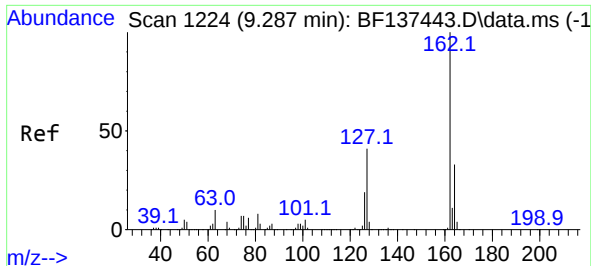
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 15.9 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.321 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

Tgt Ion:162 Resp: 1353489

Ion Ratio Lower Upper

162 100

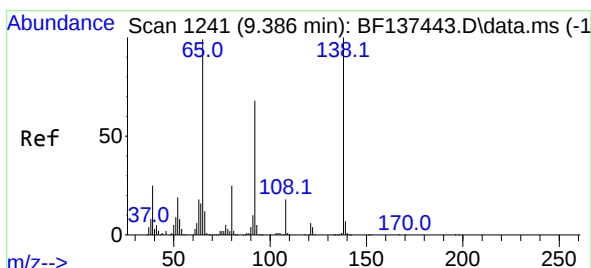
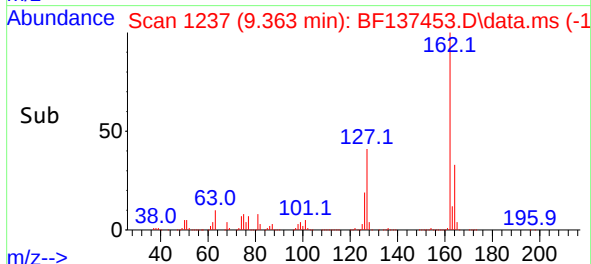
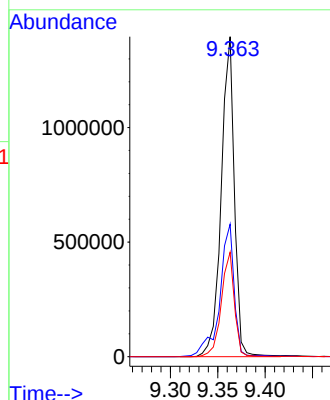
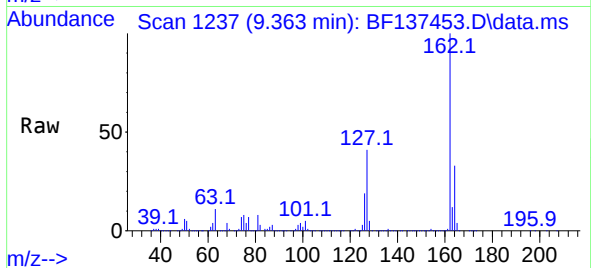
127 41.4 32.6 49.0

164 32.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#48

2-Nitroaniline

Concen: 48.660 ng

RT: 9.463 min Scan# 1254

Delta R.T. 0.000 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

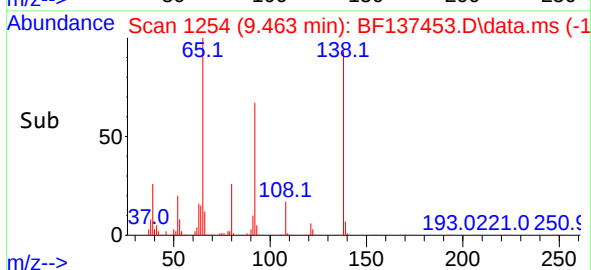
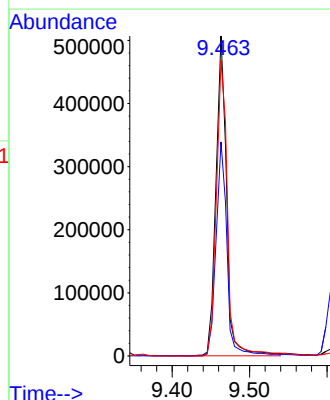
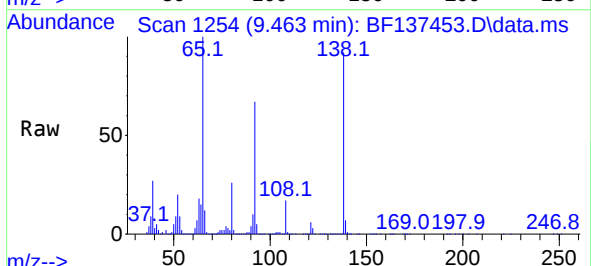
Tgt Ion: 65 Resp: 483272

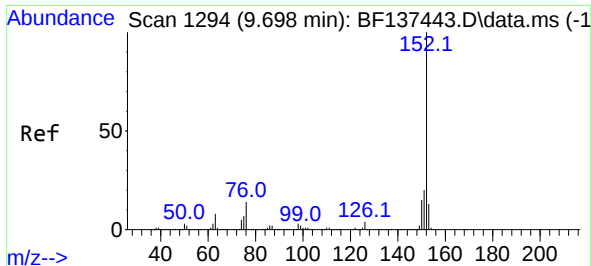
Ion Ratio Lower Upper

65 100

92 66.9 55.4 83.2

138 92.4 81.0 121.6





#49
Acenaphthylene
Concen: 45.916 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

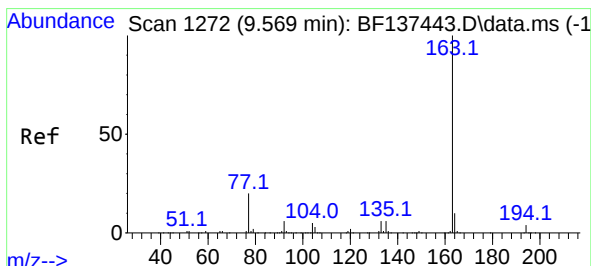
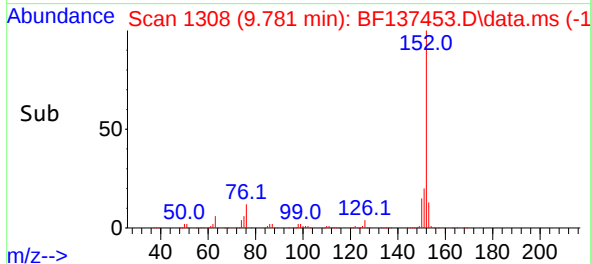
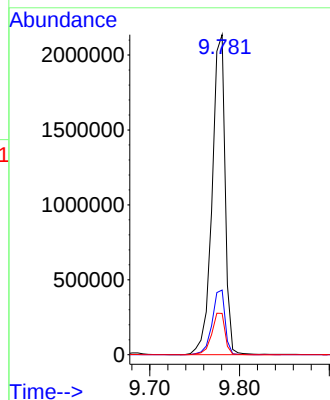
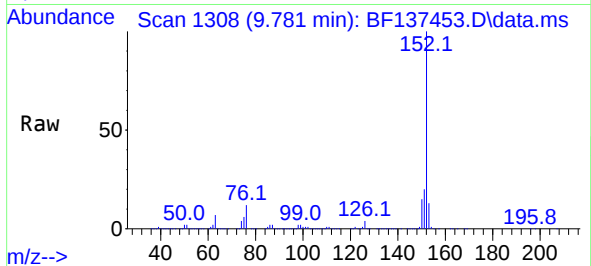
PB159365BS

Tgt Ion:152 Resp: 2147120
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.9 10.8 16.2

Manual Integrations

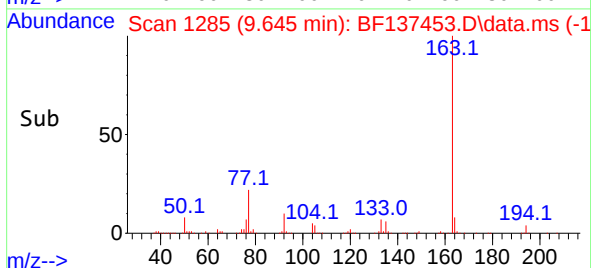
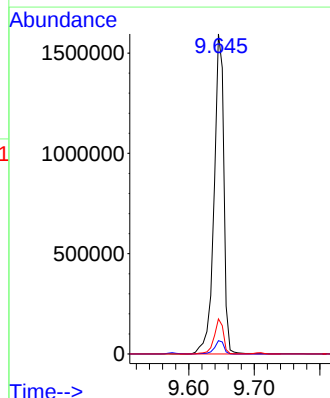
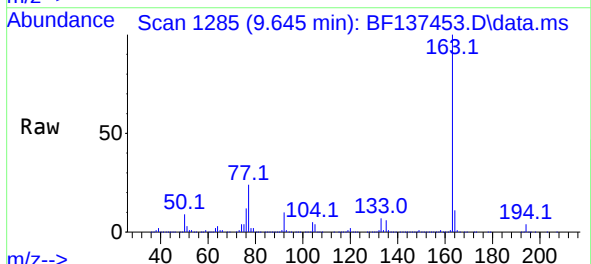
APPROVED

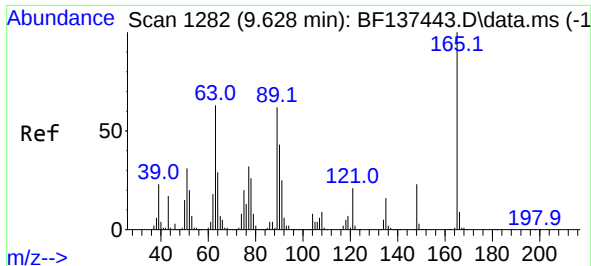
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#50
Dimethylphthalate
Concen: 45.275 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:163 Resp: 1650324
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 11.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.083 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

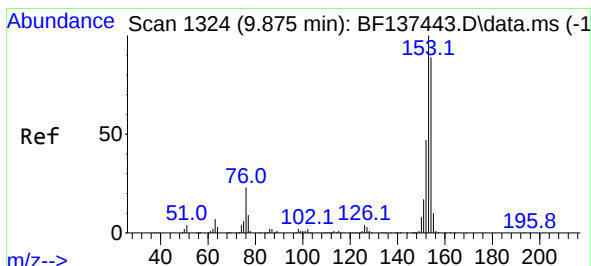
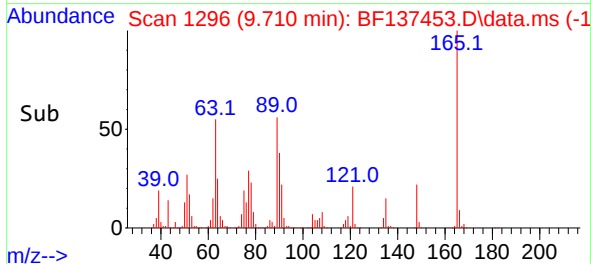
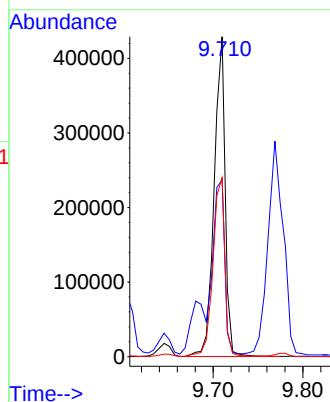
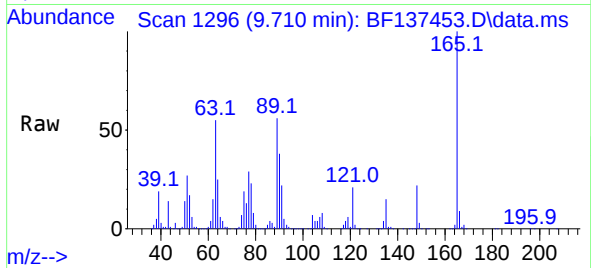
PB159365BS

Tgt Ion:165 Resp: 36658
Ion Ratio Lower Upper
165 100
63 55.2 50.7 76.1
89 55.9 50.0 75.0

Manual Integrations

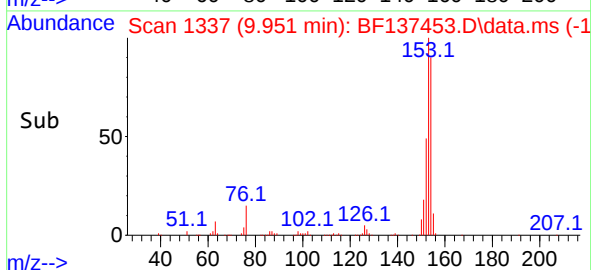
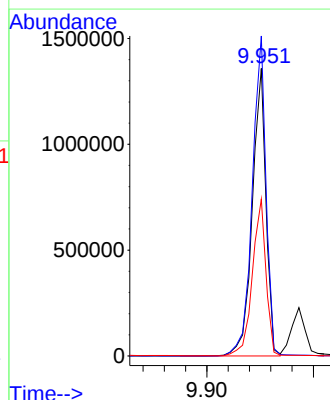
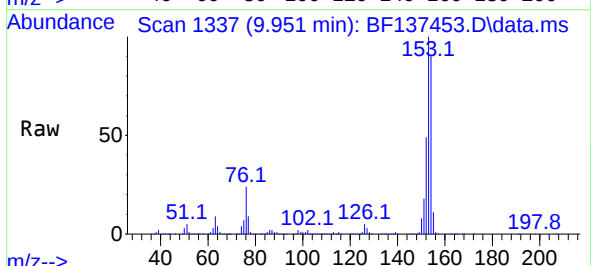
APPROVED

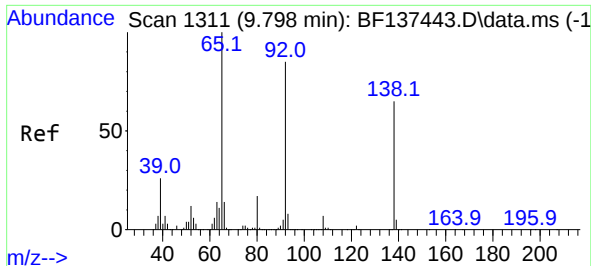
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#52
Acenaphthene
Concen: 43.448 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:154 Resp: 1212942
Ion Ratio Lower Upper
154 100
153 111.3 90.3 135.5
152 54.5 42.7 64.1





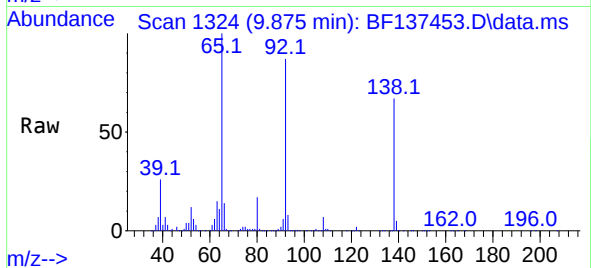
#53
3-Nitroaniline
Concen: 30.416 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

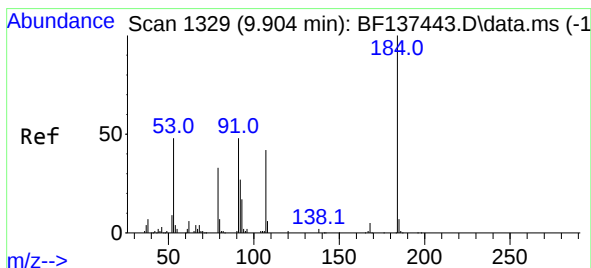
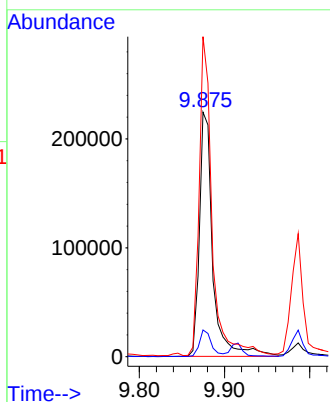
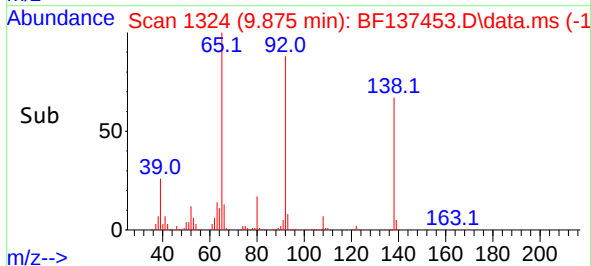


Tgt Ion:138 Resp: 24528
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 130.9 104.6 157.0

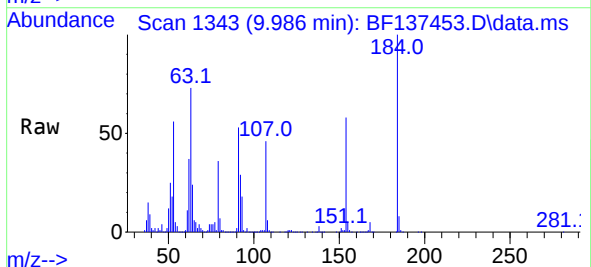
Manual Integrations

APPROVED

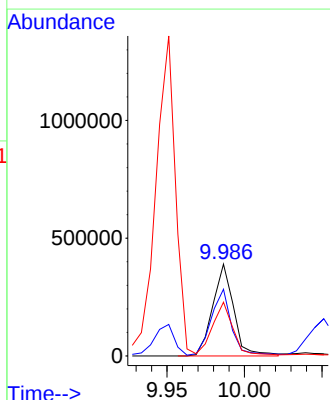
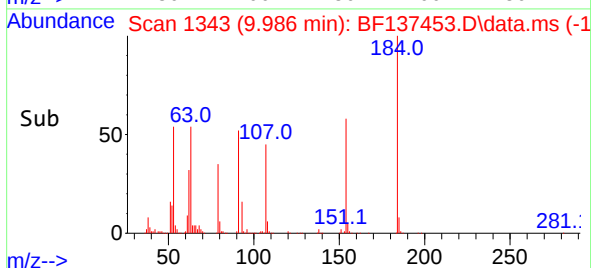
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

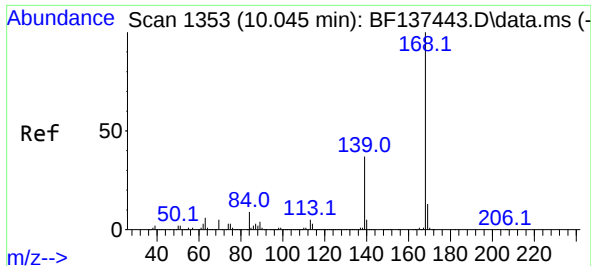


#54
2,4-Dinitrophenol
Concen: 96.807 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion:184 Resp: 367151
Ion Ratio Lower Upper
184 100
63 72.7 53.3 79.9
154 58.5 47.4 71.0





#55
Dibenzenofuran
Concen: 43.544 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

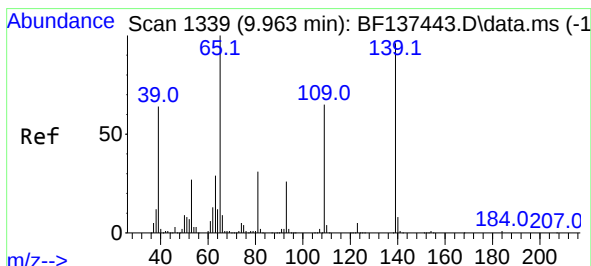
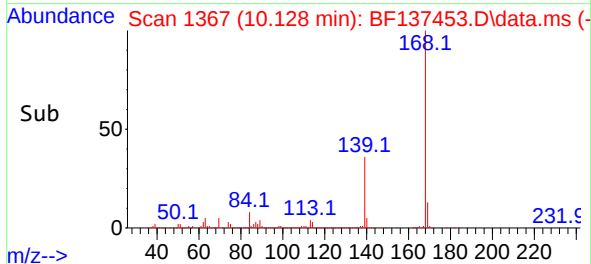
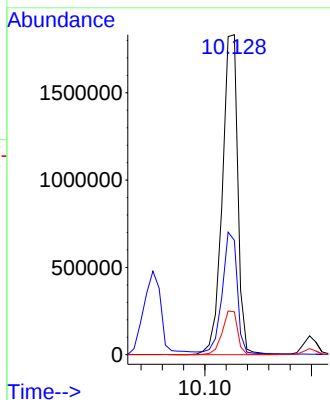
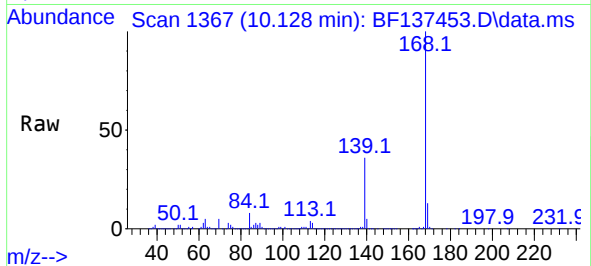
PB159365BS

Tgt Ion:168 Resp: 1851488
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.6
169 13.4 10.8 16.2

Manual Integrations

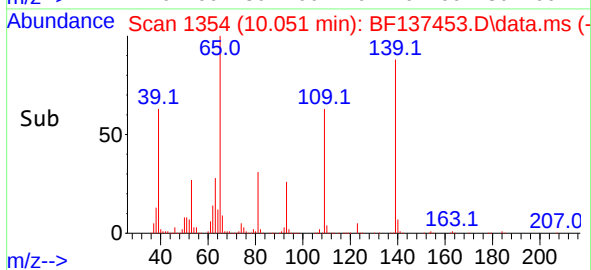
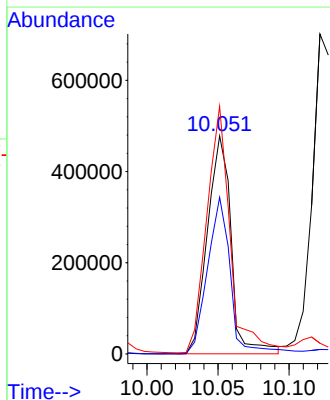
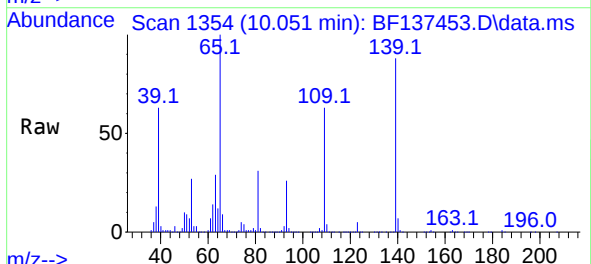
APPROVED

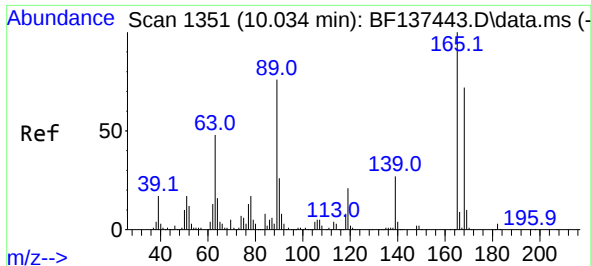
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#56
4-Nitrophenol
Concen: 95.738 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:139 Resp: 554700
Ion Ratio Lower Upper
139 100
109 71.9 47.1 87.1
65 113.6 85.1 125.1





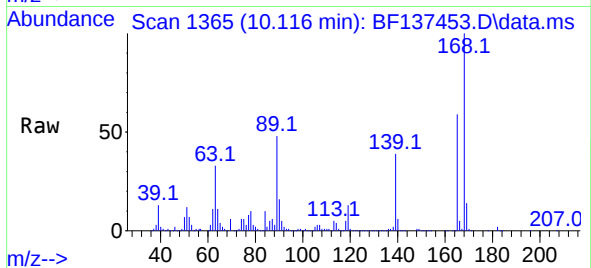
#57
2,4-Dinitrotoluene
Concen: 47.942 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

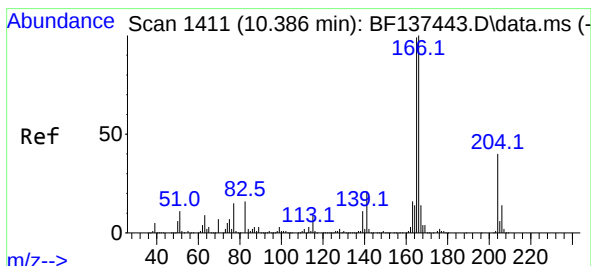
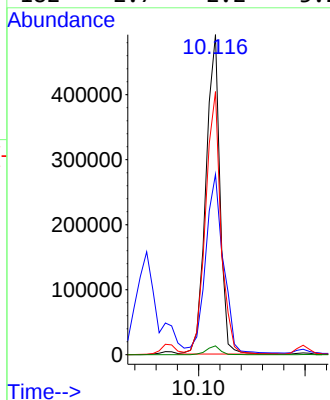
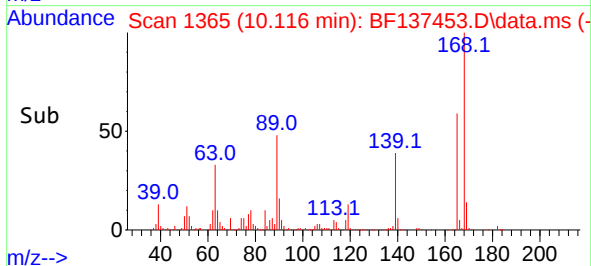


Tgt Ion:165 Resp: 44906
Ion Ratio Lower Upper
165 100
63 56.4 39.0 58.6
89 82.2 60.9 91.3
182 2.7 2.2 3.2

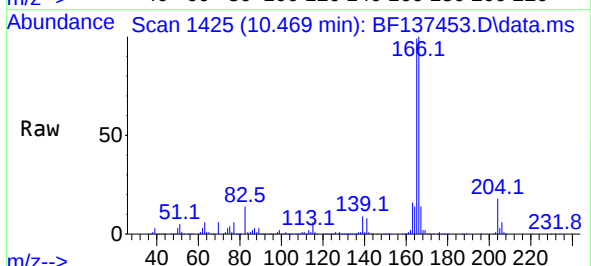
Manual Integrations

APPROVED

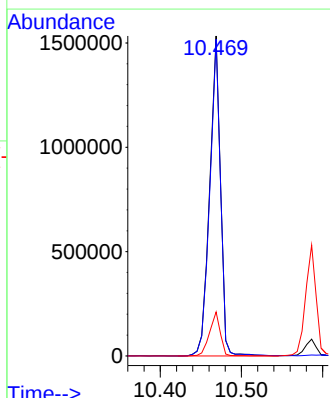
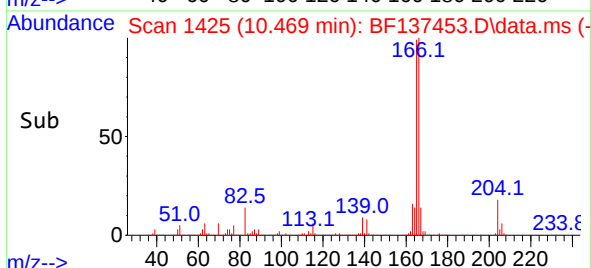
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

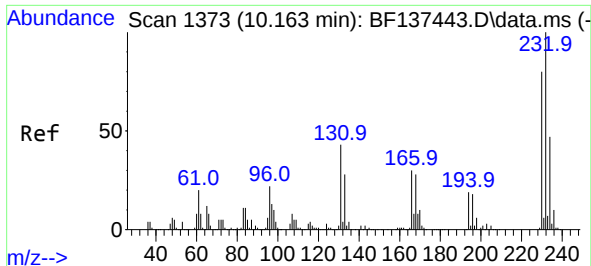


#58
Fluorene
Concen: 43.366 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion:166 Resp: 1416122
Ion Ratio Lower Upper
166 100
165 99.0 79.2 118.8
167 13.7 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.693 ng m
RT: 10.245 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

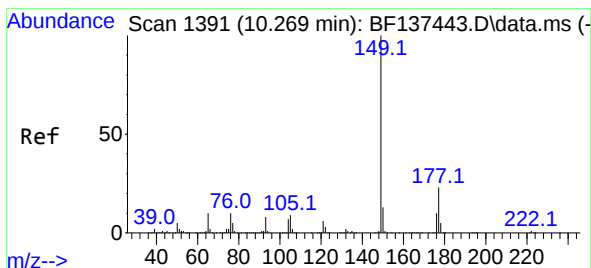
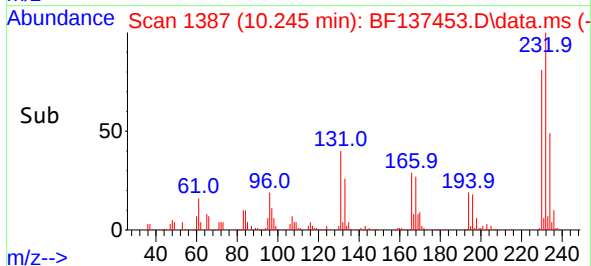
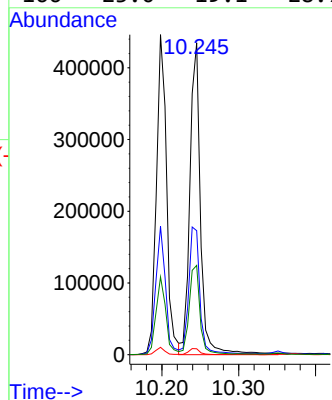
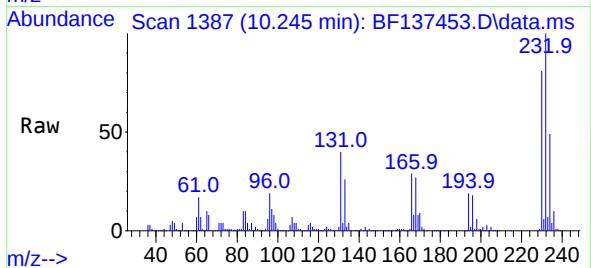
PB159365BS

Tgt Ion:232 Resp: 419410
Ion Ratio Lower Upper
232 100
131 38.1 31.2 46.8
130 2.1 1.8 2.6
166 23.0 19.1 28.7

Manual Integrations

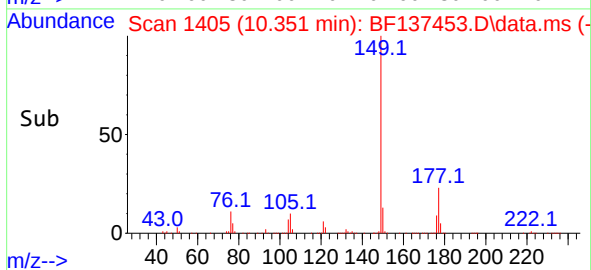
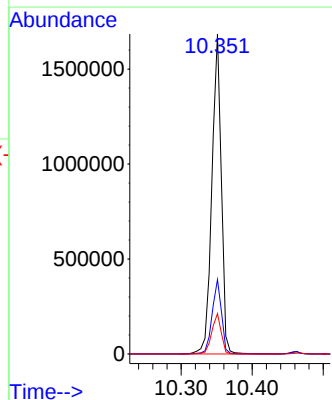
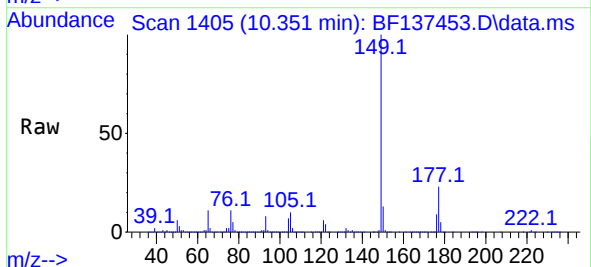
APPROVED

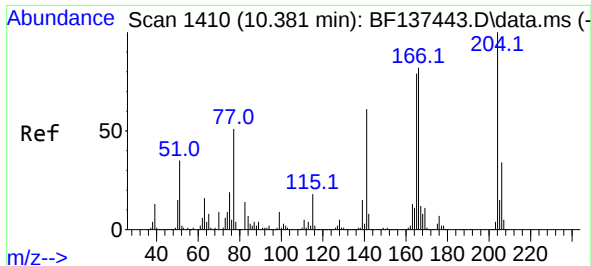
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#60
Diethylphthalate
Concen: 45.268 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

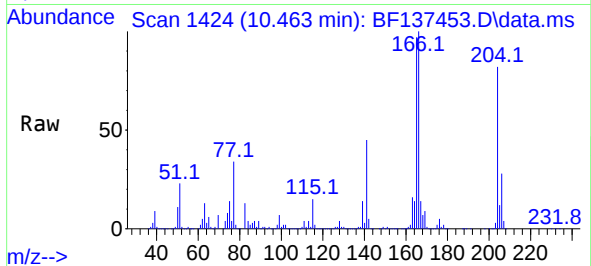
Tgt Ion:149 Resp: 1558195
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.939 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

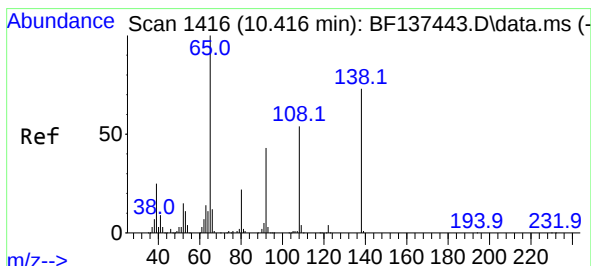
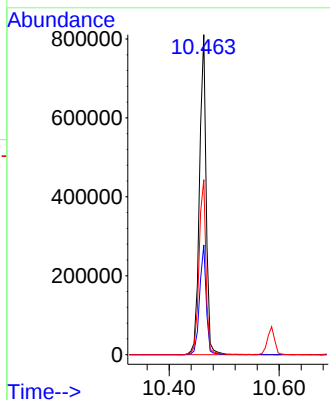
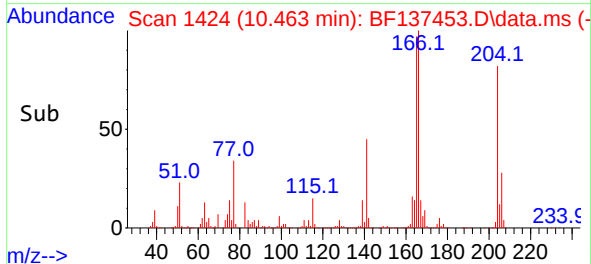
Instrument :
BNA_F
ClientSampleId :
PB159365BS



Tgt Ion:204 Resp: 68718
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.0
141 54.7 48.4 72.6

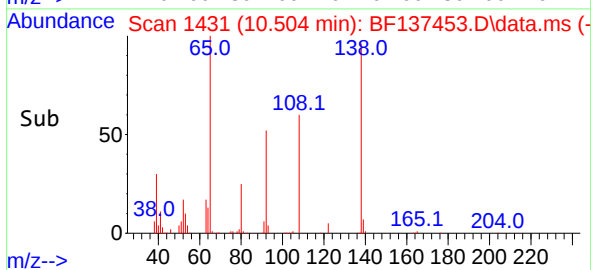
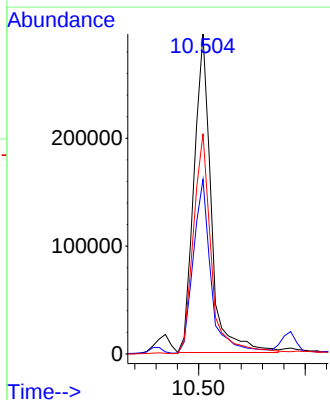
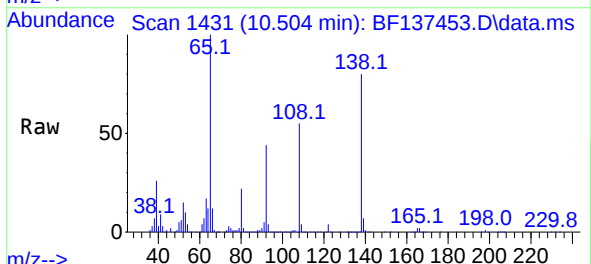
Manual Integrations
APPROVED

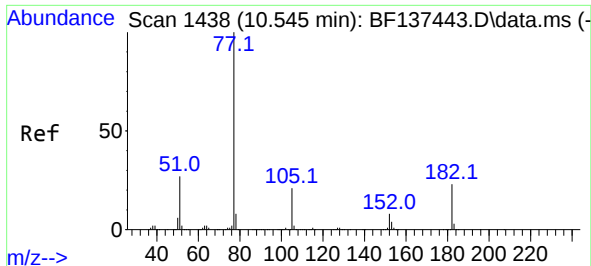
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#62
4-Nitroaniline
Concen: 47.960 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:138 Resp: 332417
Ion Ratio Lower Upper
138 100
92 54.5 37.9 77.9
108 68.9 53.2 93.2





#63
Azobenzene
Concen: 45.322 ng
RT: 10.622 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

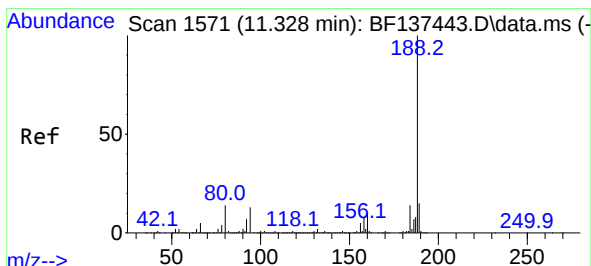
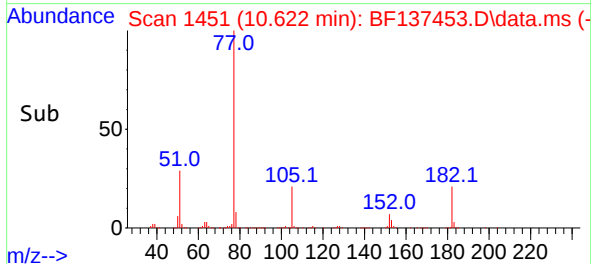
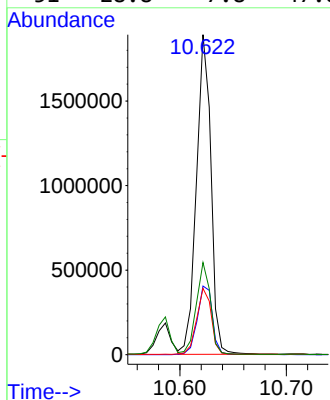
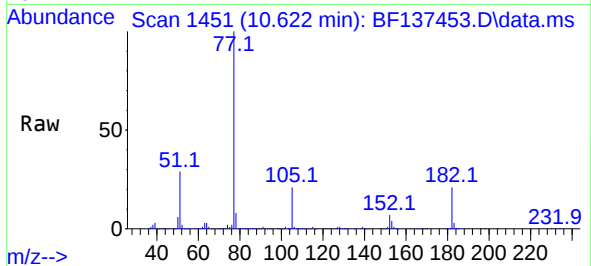
PB159365BS

Tgt Ion: 77 Resp: 1796408
Ion Ratio Lower Upper
77 100
182 21.5 3.2 43.2
105 20.7 1.2 41.2
51 28.8 7.8 47.8

Manual Integrations

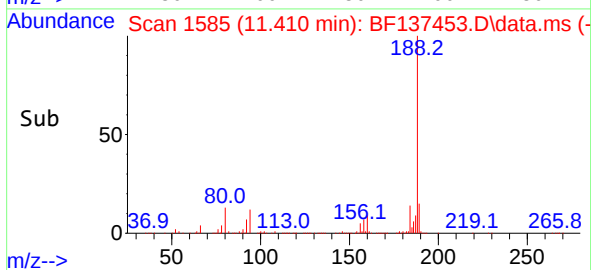
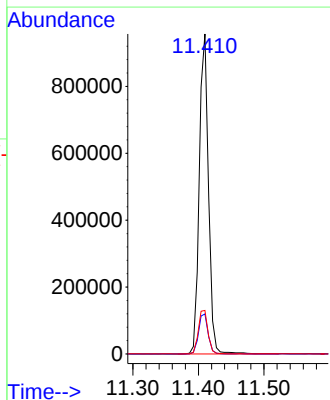
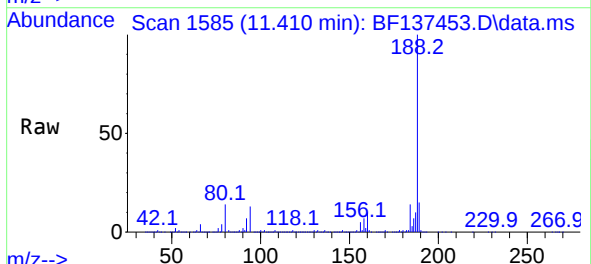
APPROVED

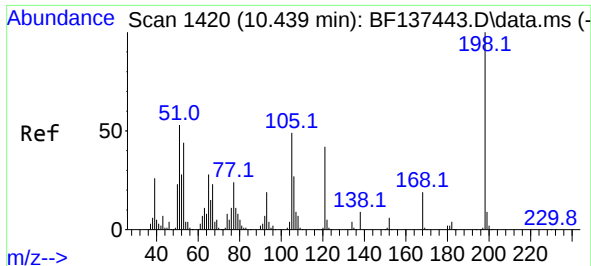
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:188 Resp: 934791
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 13.6 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 50.195 ng
RT: 10.522 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

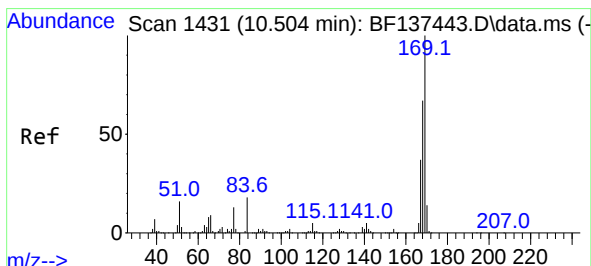
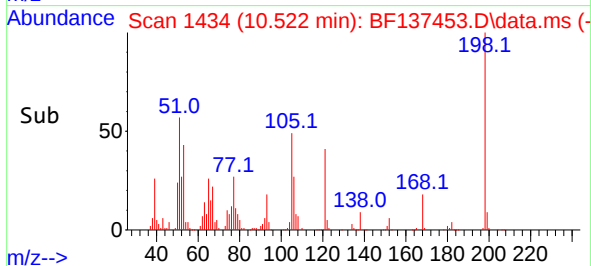
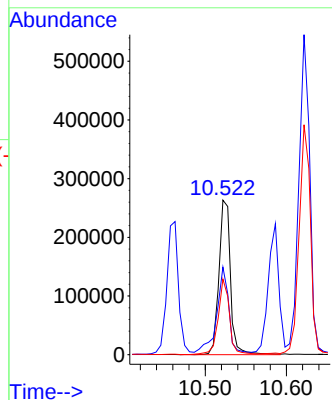
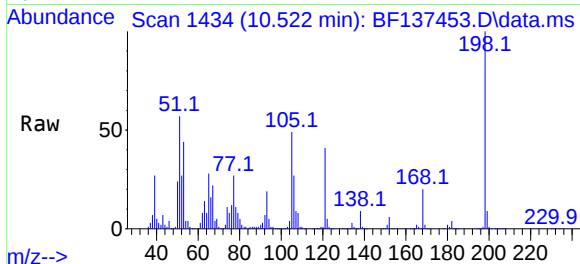
PB159365BS

Tgt Ion:198 Resp: 261518
Ion Ratio Lower Upper
198 100
51 56.6 37.2 77.2
105 48.9 29.2 69.2

Manual Integrations

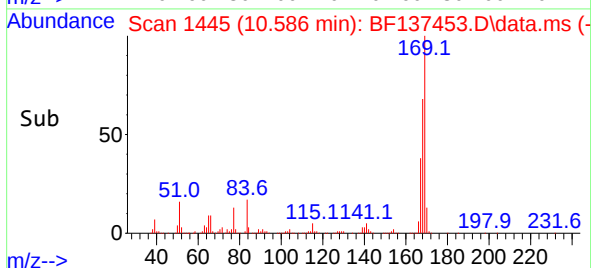
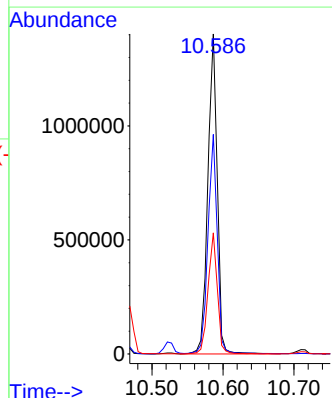
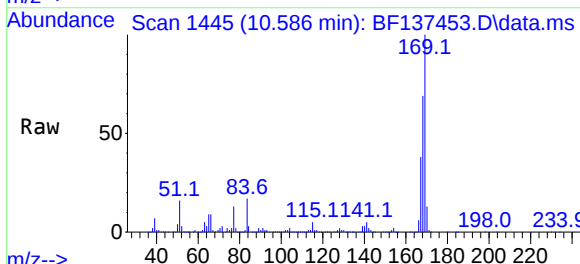
APPROVED

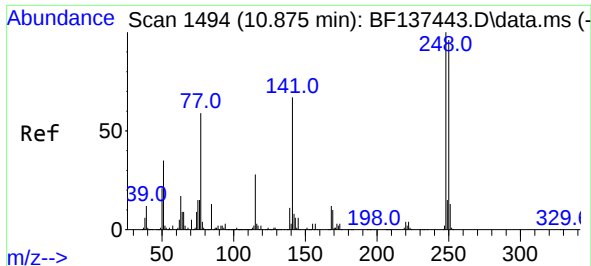
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#66
n-Nitrosodiphenylamine
Concen: 43.022 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:169 Resp: 1295016
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.6
167 37.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.102 ng
RT: 10.957 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

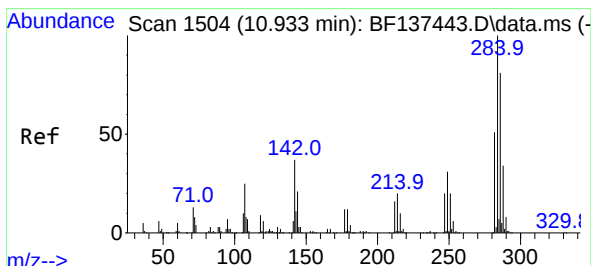
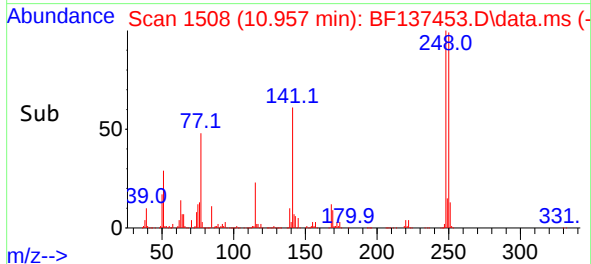
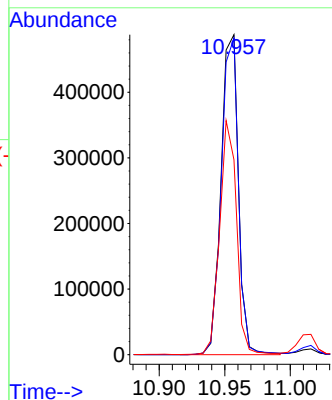
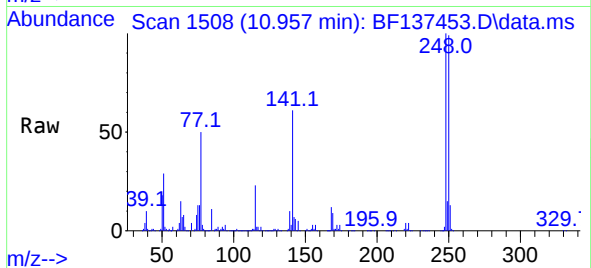
PB159365BS

Tgt Ion:248 Resp: 44902
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 60.9 53.4 80.0

Manual Integrations

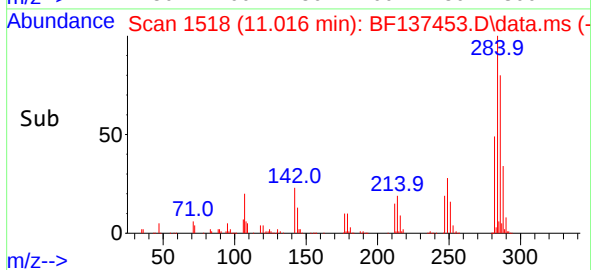
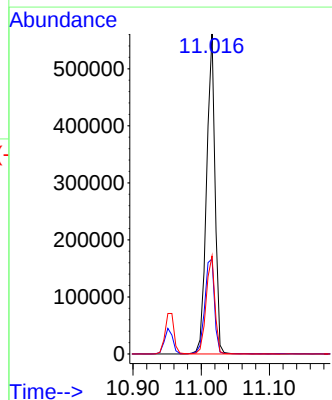
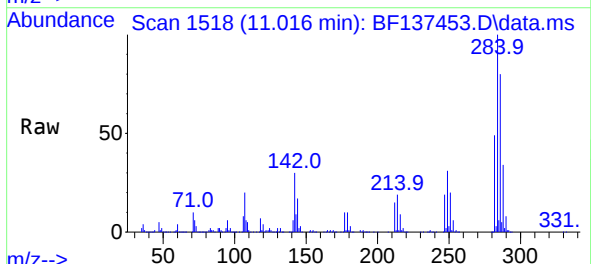
APPROVED

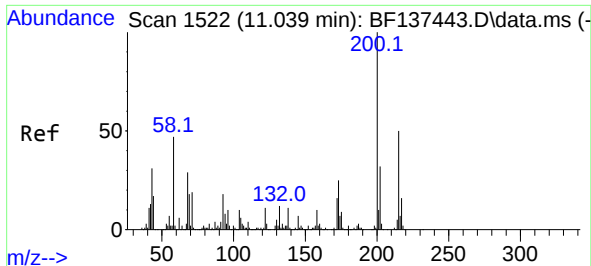
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#68
Hexachlorobenzene
Concen: 47.232 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:284 Resp: 485711
Ion Ratio Lower Upper
284 100
142 29.7 29.4 44.0
249 30.6 25.0 37.4





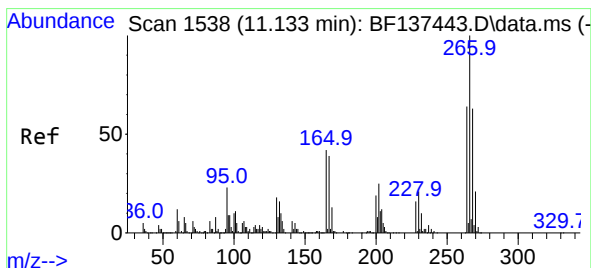
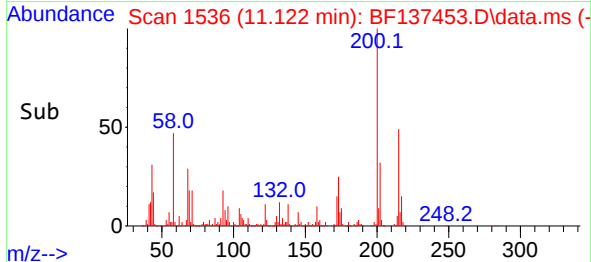
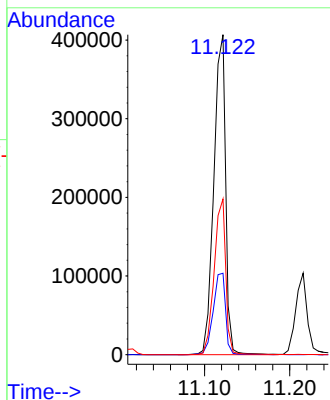
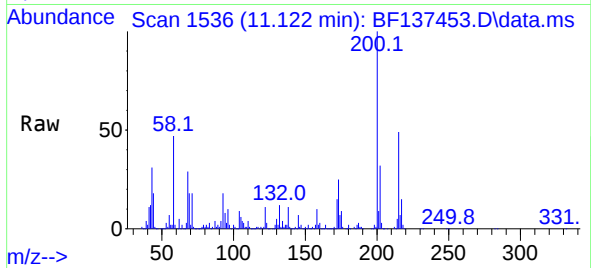
#69
Atrazine
Concen: 42.747 ng
RT: 11.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :
BNA_F
ClientSampleId :
PB159365BS

Tgt Ion:200 Resp: 39116
Ion Ratio Lower Upper
200 100
173 25.4 5.1 45.1
215 48.7 30.4 70.4

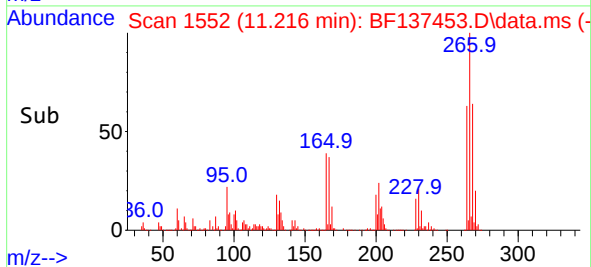
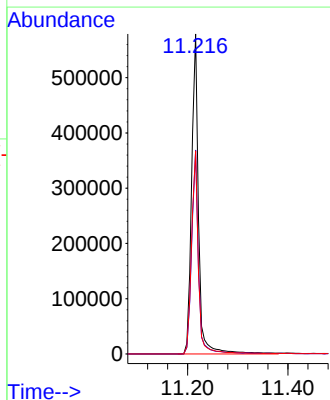
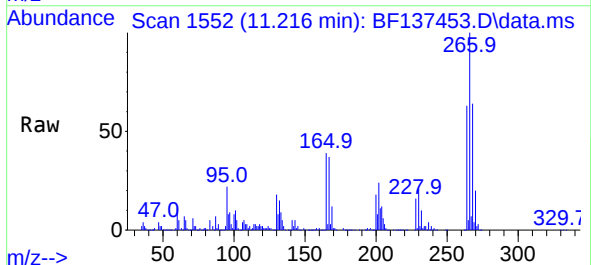
Manual Integrations
APPROVED

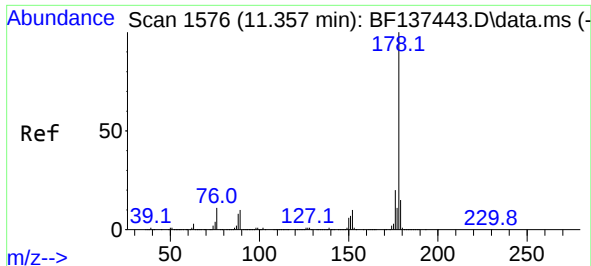
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#70
Pentachlorophenol
Concen: 89.716 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:266 Resp: 557727
Ion Ratio Lower Upper
266 100
268 63.8 50.2 75.2
264 63.5 50.9 76.3





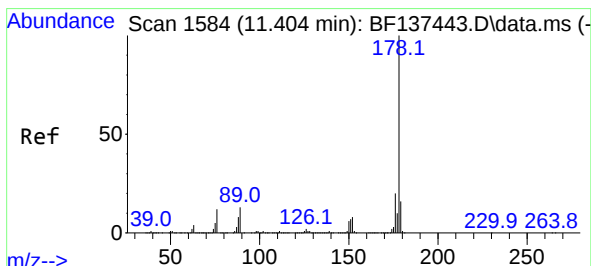
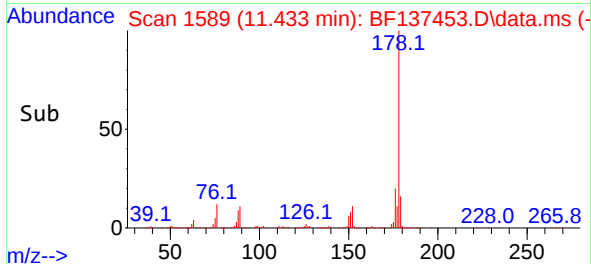
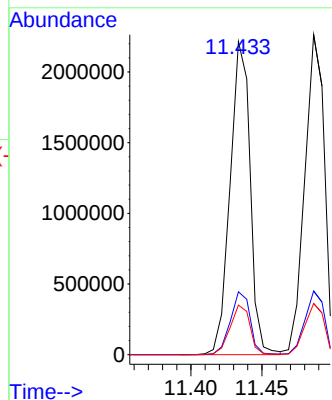
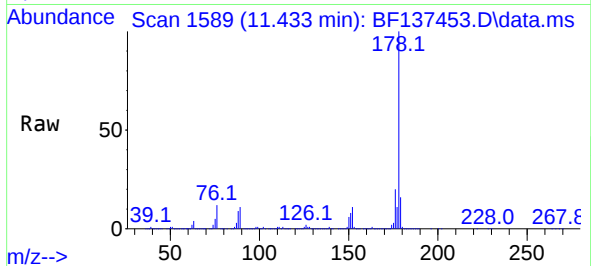
#71
Phenanthrene
Concen: 42.888 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :
BNA_F
ClientSampleId :
PB159365BS

Tgt Ion:178 Resp: 218185
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.9 12.2 18.2

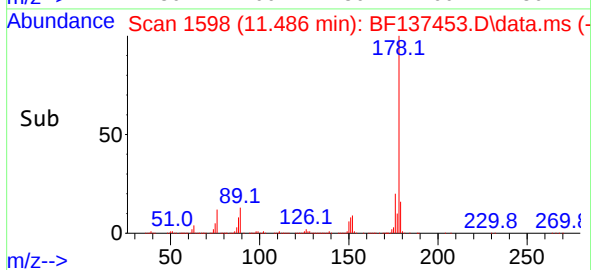
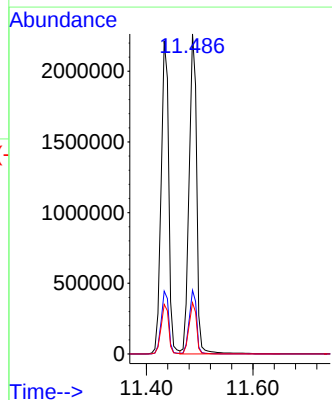
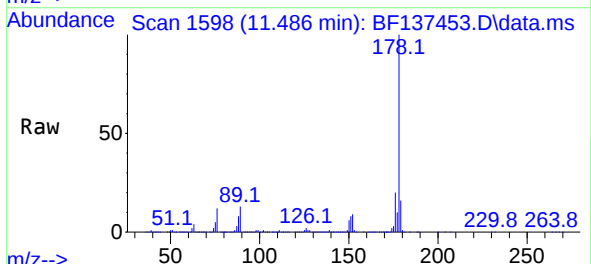
Manual Integrations
APPROVED

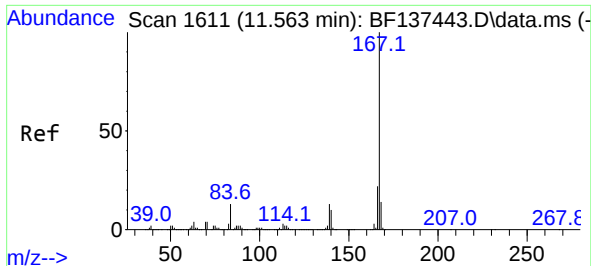
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#72
Anthracene
Concen: 42.662 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

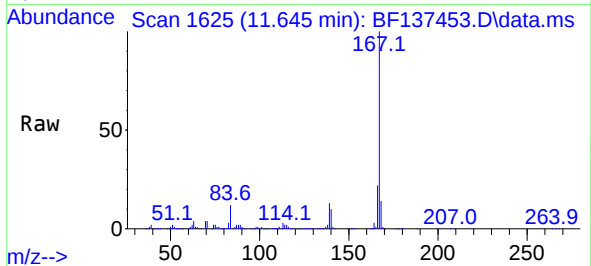
Tgt Ion:178 Resp: 2229087
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.0 12.7 19.1





#73
Carbazole
Concen: 44.137 ng
RT: 11.645 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

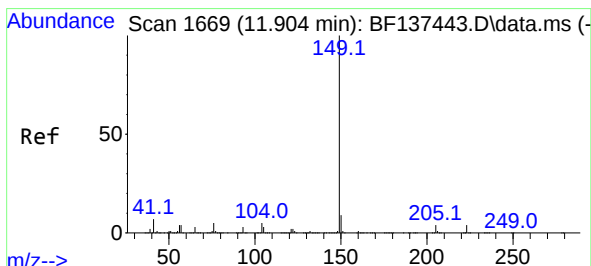
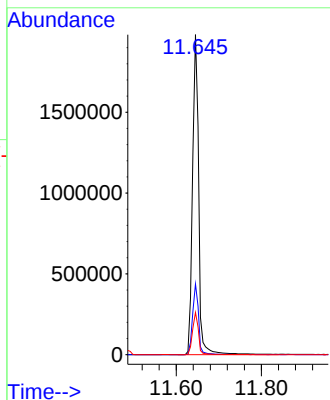
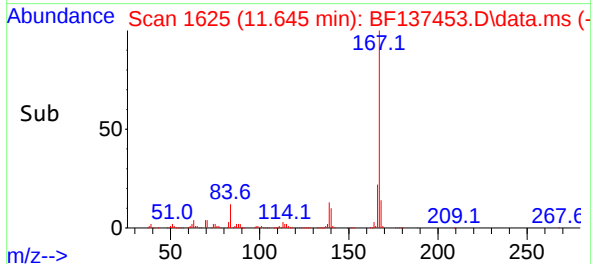
Instrument :
BNA_F
ClientSampleId :
PB159365BS



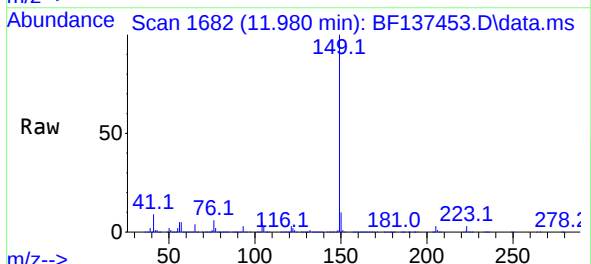
Tgt Ion:167 Resp: 197536
Ion Ratio Lower Upper
167 100
166 22.1 17.8 26.8
139 13.2 10.5 15.7

Manual Integrations
APPROVED

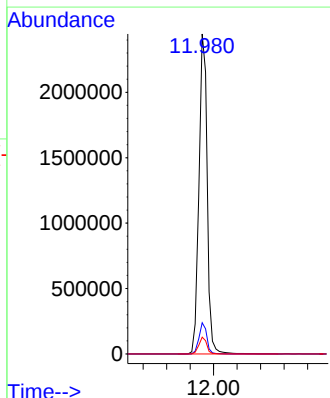
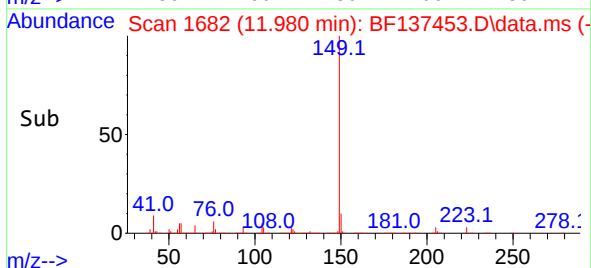
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

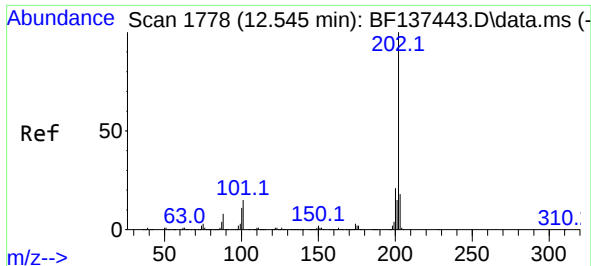


#74
Di-n-butylphthalate
Concen: 44.661 ng
RT: 11.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



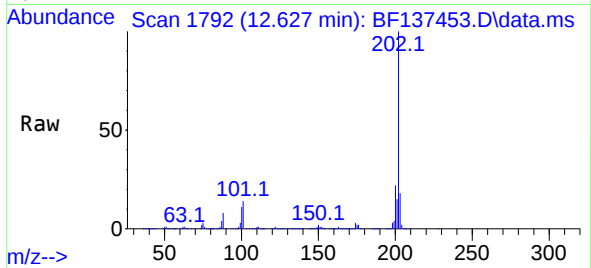
Tgt Ion:149 Resp: 2378120
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.0
104 5.3 3.8 5.6





#75
Fluoranthene
Concen: 43.154 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

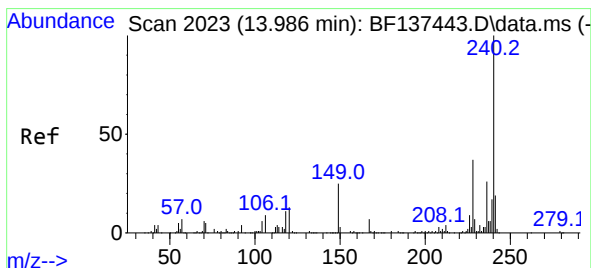
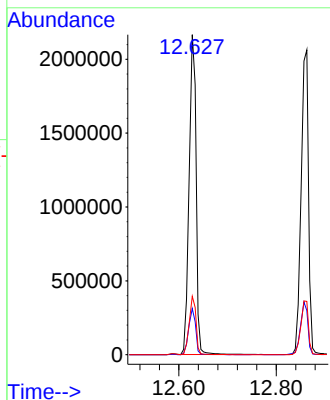
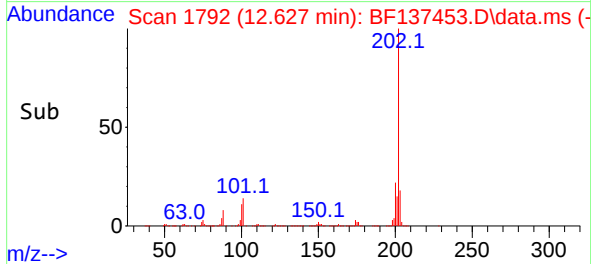
Instrument :
BNA_F
ClientSampleId :
PB159365BS



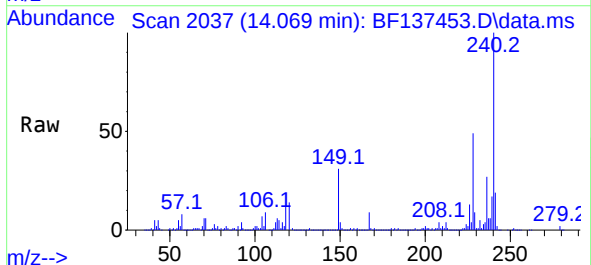
Tgt Ion:202 Resp: 214594
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.0
203 18.3 0.0 37.7

Manual Integrations
APPROVED

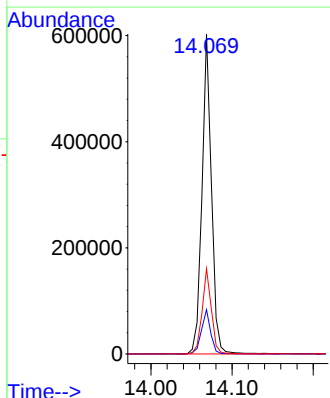
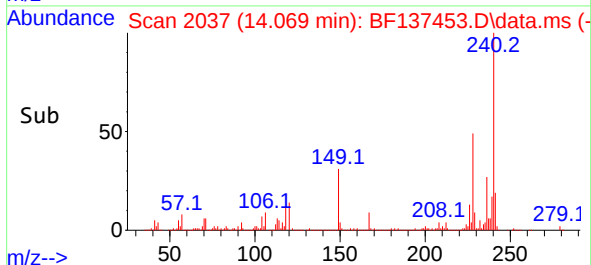
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

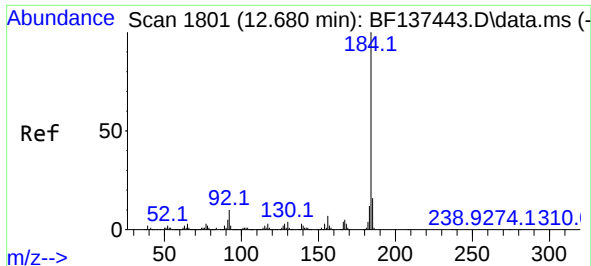


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



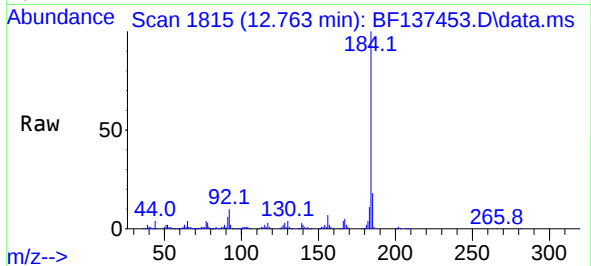
Tgt Ion:240 Resp: 488254
Ion Ratio Lower Upper
240 100
120 13.9 10.4 15.6
236 26.6 20.9 31.3





#77
Benzidine
Concen: 19.755 ng
RT: 12.763 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

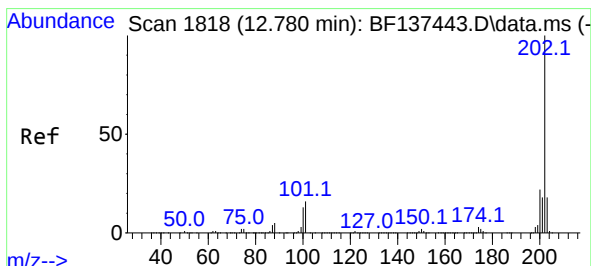
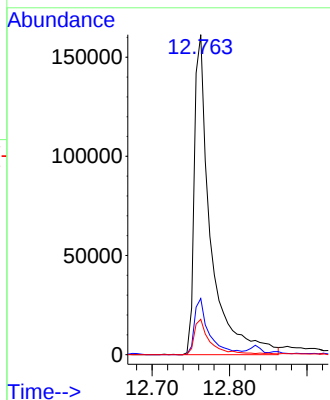
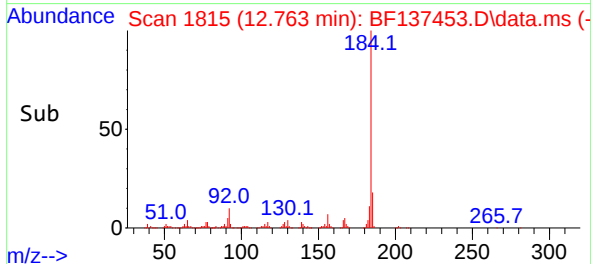
Instrument :
BNA_F
ClientSampleId :
PB159365BS



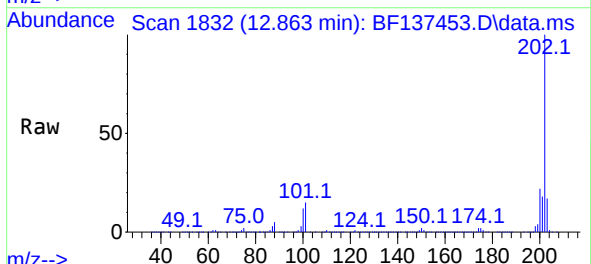
Tgt Ion:184 Resp: 236050
Ion Ratio Lower Upper
184 100
185 17.6 13.2 19.8
183 11.1 9.3 13.9

Manual Integrations
APPROVED

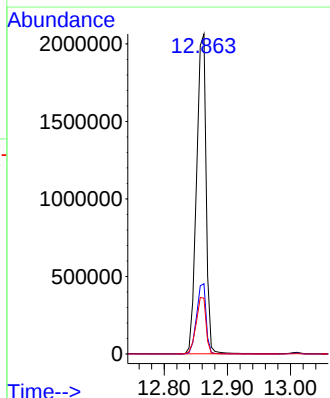
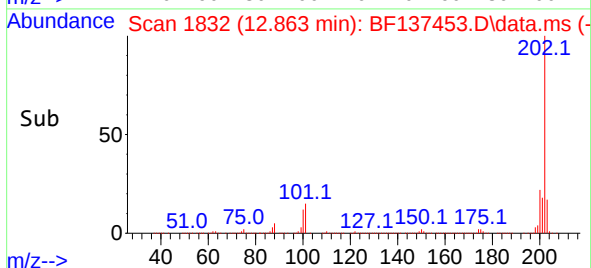
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

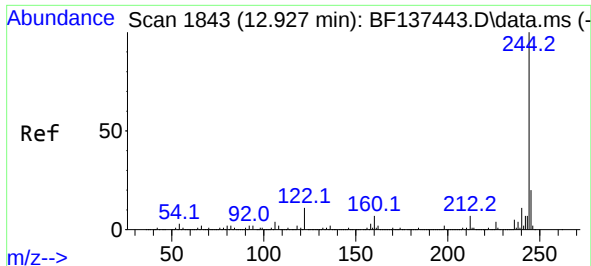


#78
Pyrene
Concen: 45.325 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion:202 Resp: 2171455
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.5 14.1 21.1





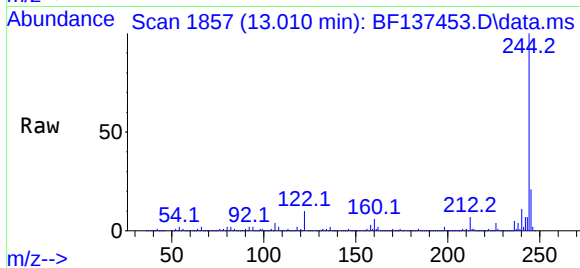
#79
 Terphenyl-d14
 Concen: 87.764 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

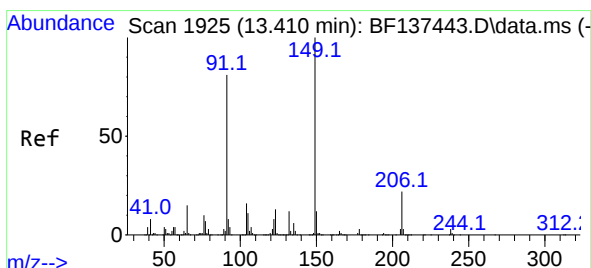
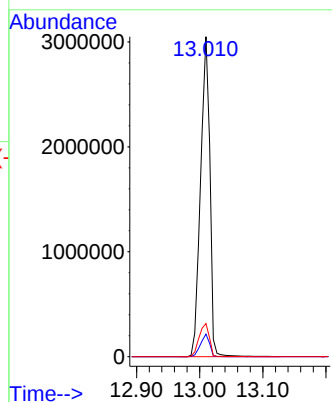
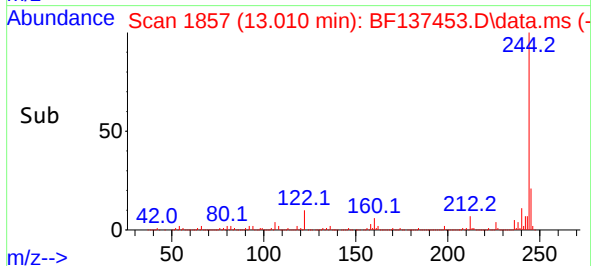


Tgt Ion:244 Resp: 311618
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.3 9.1 13.7

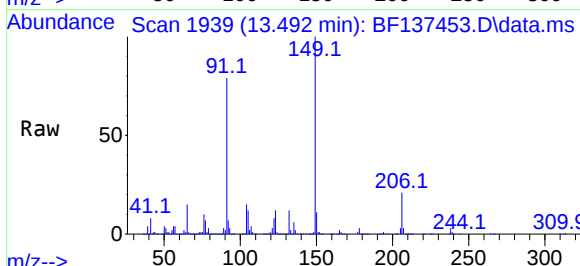
Manual Integrations

APPROVED

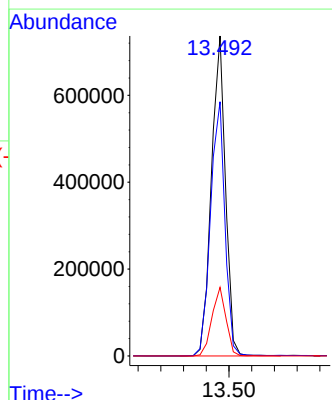
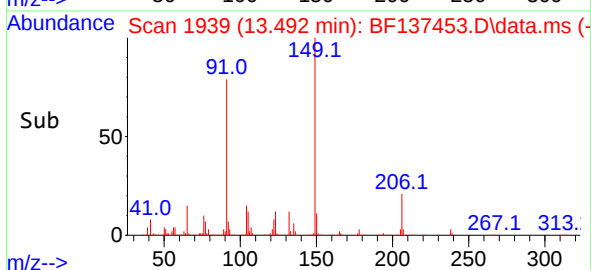
Reviewed By :Jagrut Upadhyay 03/02/2024
 Supervised By :mohammad ahmed 03/04/2024

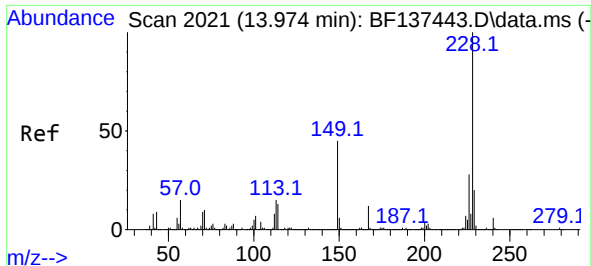


#80
 Butylbenzylphthalate
 Concen: 51.778 ng
 RT: 13.492 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BF137453.D
 Acq: 01 Mar 2024 11:25



Tgt Ion:149 Resp: 633516
 Ion Ratio Lower Upper
 149 100
 91 79.5 64.7 97.1
 206 21.4 17.5 26.3





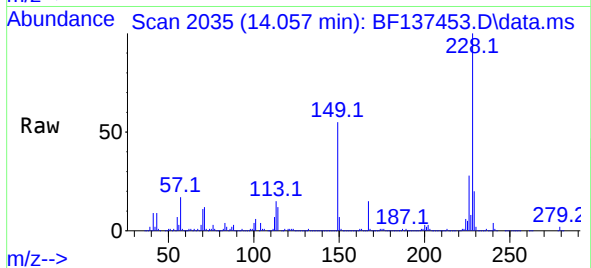
#81
Benzo(a)anthracene
Concen: 44.948 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

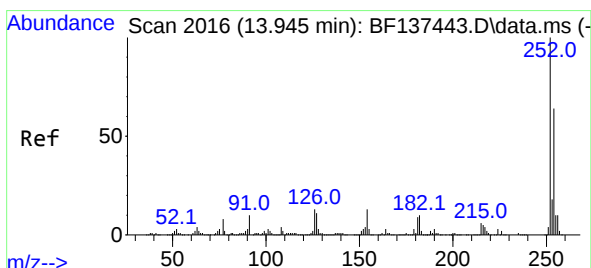
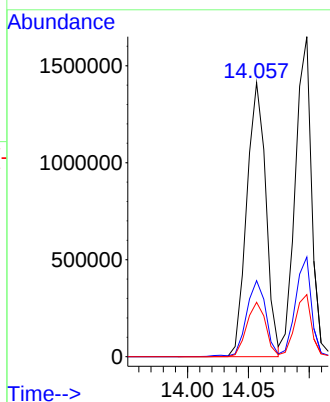
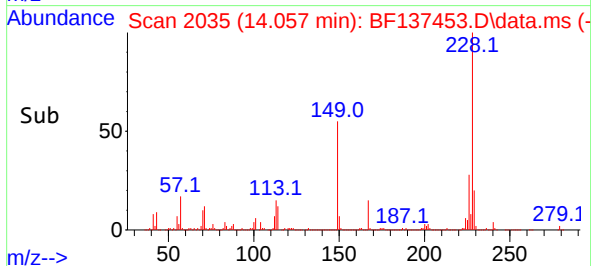


Tgt Ion:228 Resp: 1538184
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.9 16.3 24.5

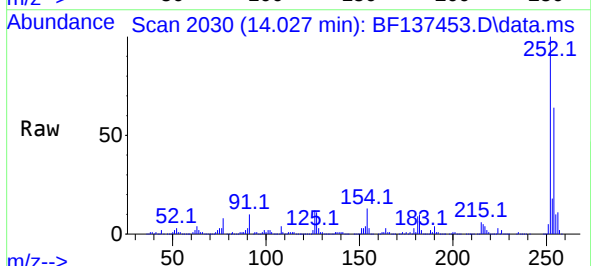
Manual Integrations

APPROVED

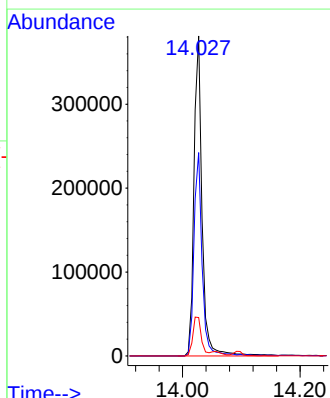
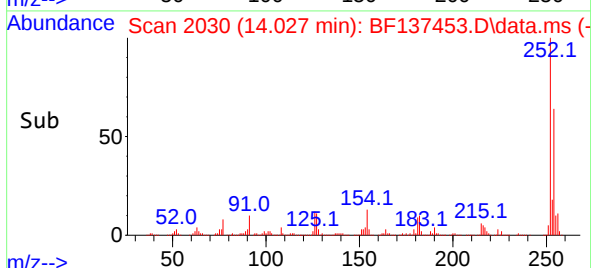
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

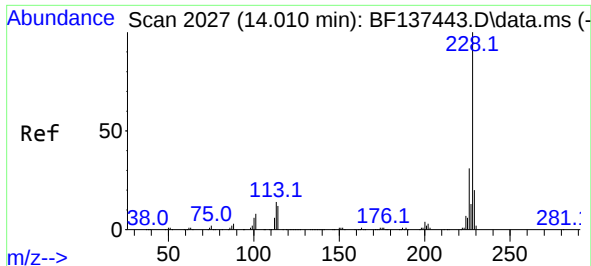


#82
3,3'-Dichlorobenzidine
Concen: 40.218 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



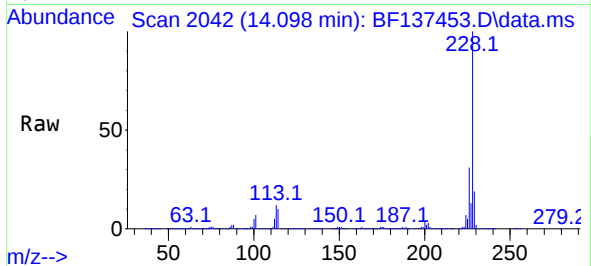
Tgt Ion:252 Resp: 366509
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 12.0 10.4 15.6





#83
Chrysene
Concen: 45.195 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

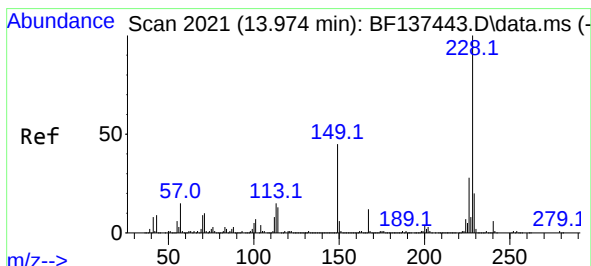
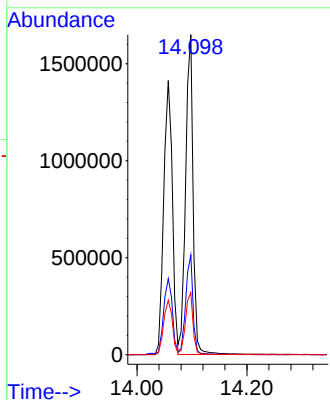
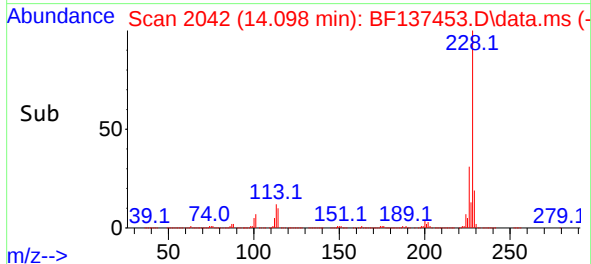
Instrument :
BNA_F
ClientSampleId :
PB159365BS



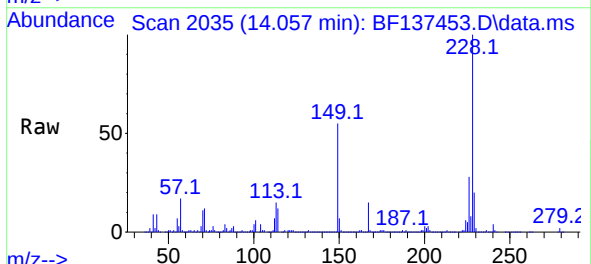
Tgt Ion:228 Resp: 1563159
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 19.4 15.9 23.9

Manual Integrations
APPROVED

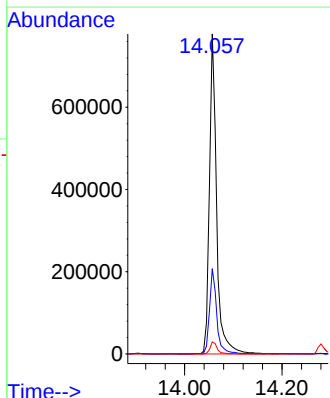
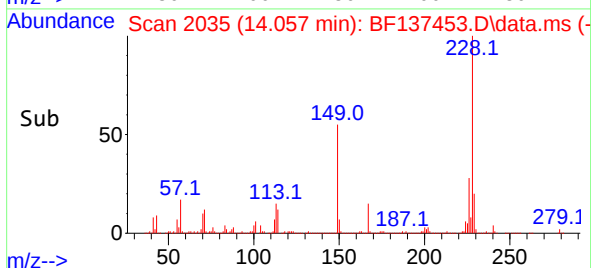
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

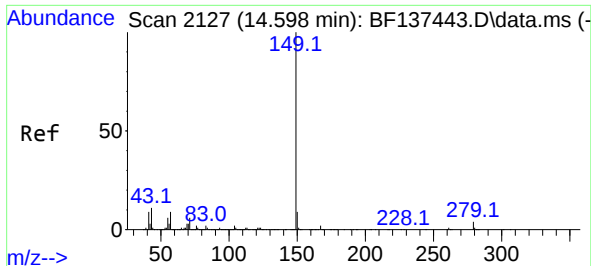


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.190 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion:149 Resp: 796074
Ion Ratio Lower Upper
149 100
167 26.6 21.3 31.9
279 3.7 2.6 4.0





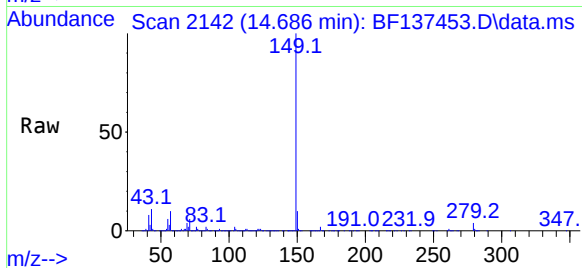
#85
Di-n-octyl phthalate
Concen: 45.945 ng
RT: 14.686 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

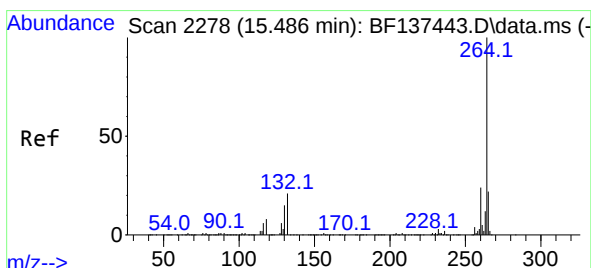
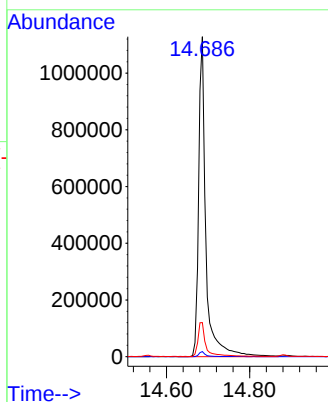
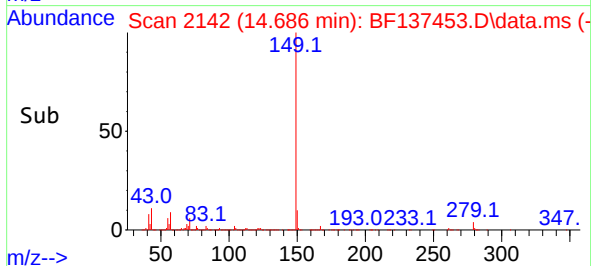


Tgt Ion:149 Resp: 136888
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.8 9.6 14.4

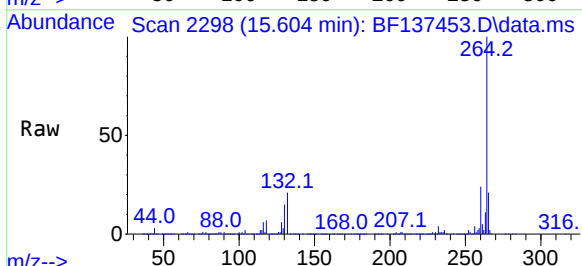
Manual Integrations

APPROVED

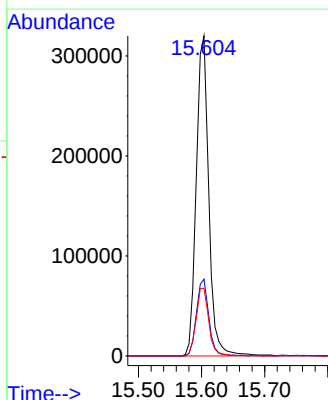
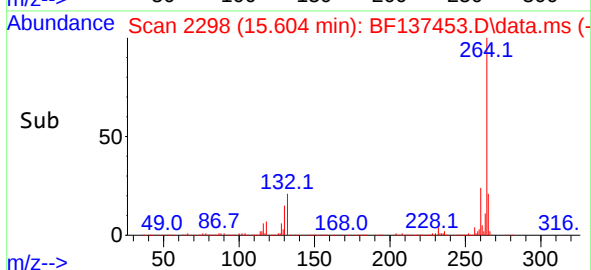
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

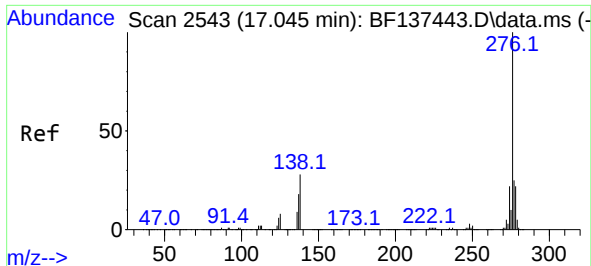


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2298
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion:264 Resp: 440898
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 21.2 17.4 26.0





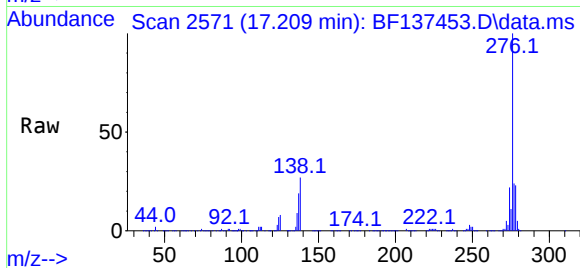
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.285 ng
RT: 17.209 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

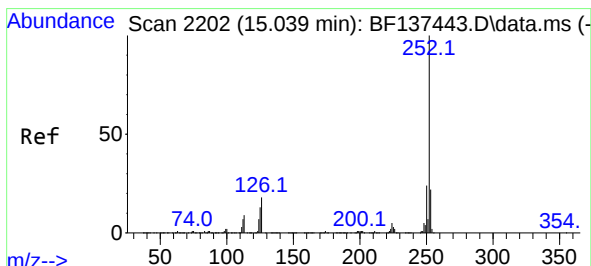
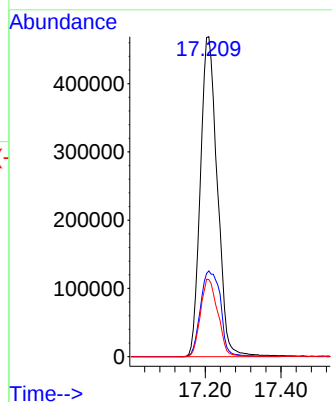
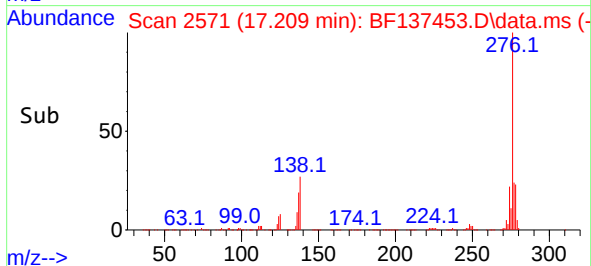


Tgt Ion:276 Resp: 1458972
Ion Ratio Lower Upper
276 100
138 31.6 25.8 38.8
277 24.8 20.2 30.2

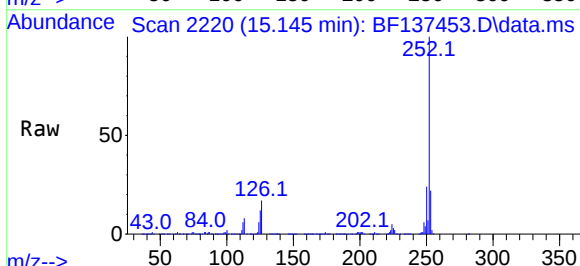
Manual Integrations

APPROVED

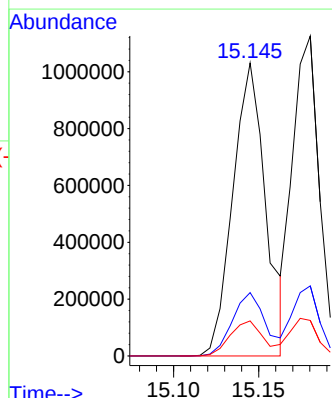
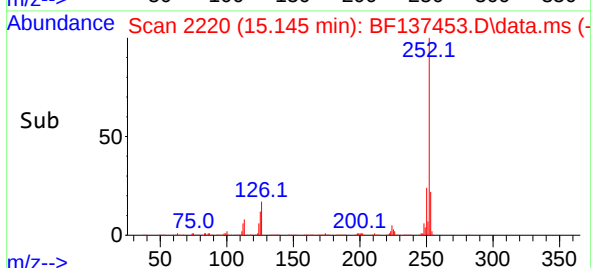
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

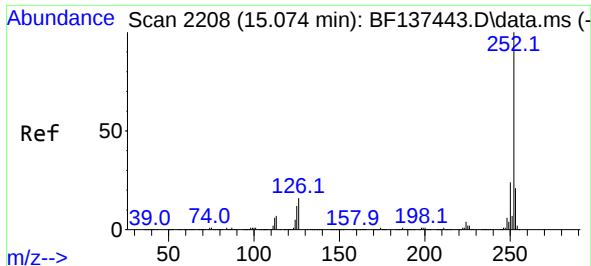


#88
Benzo(b)fluoranthene
Concen: 53.122 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25



Tgt Ion:252 Resp: 1385468
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 11.9 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 44.851 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB159365BS

Tgt Ion:252 Resp: 1256410

Ion Ratio Lower Upper

252 100

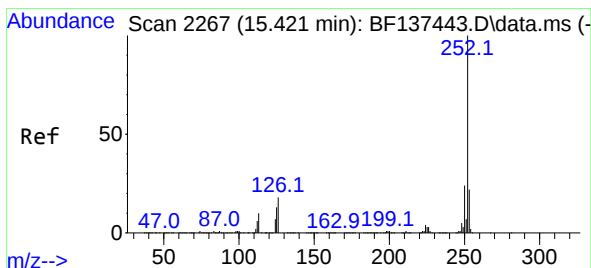
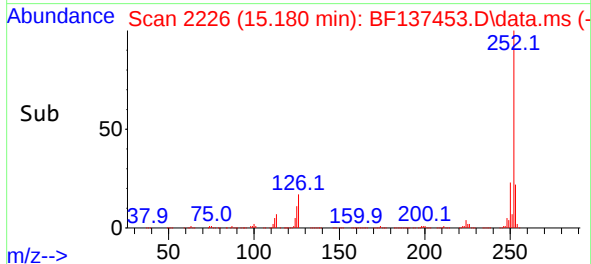
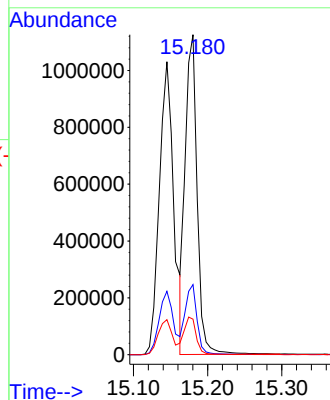
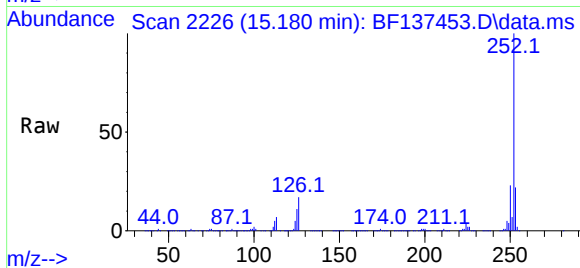
253 21.9 17.3 25.9

125 11.1 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#90

Benzo(a)pyrene

Concen: 47.101 ng

RT: 15.539 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF137453.D

Acq: 01 Mar 2024 11:25

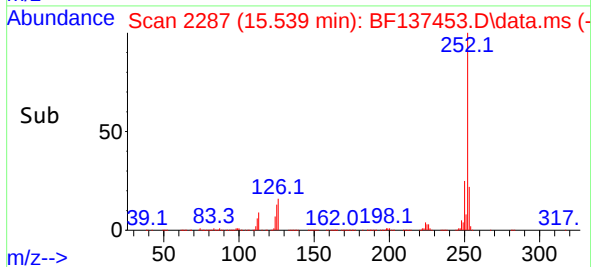
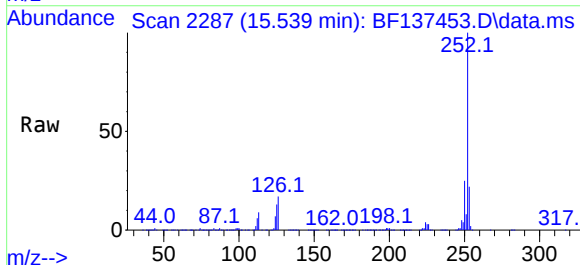
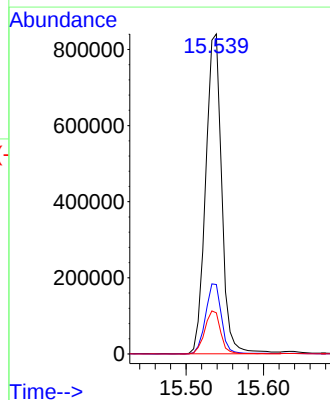
Tgt Ion:252 Resp: 1210557

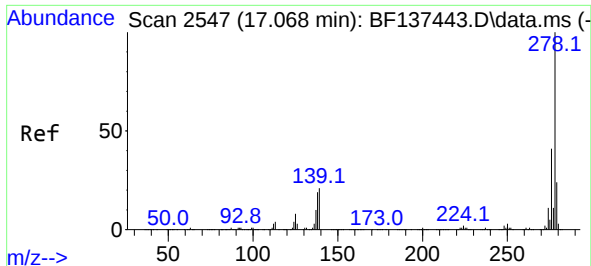
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 12.9 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 50.564 ng
RT: 17.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Instrument :

BNA_F

ClientSampleId :

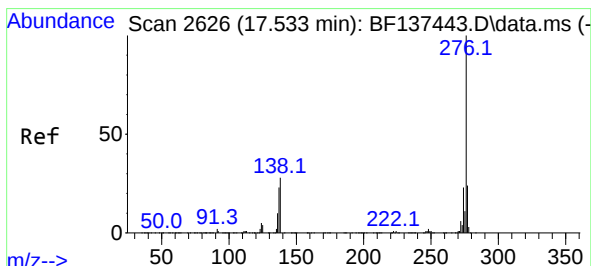
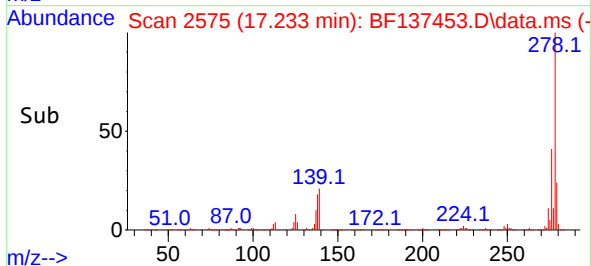
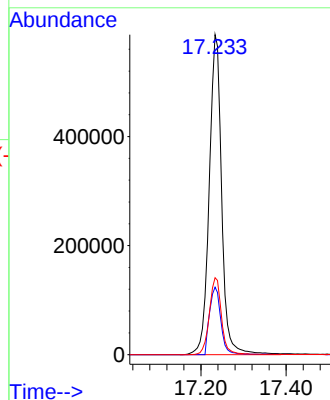
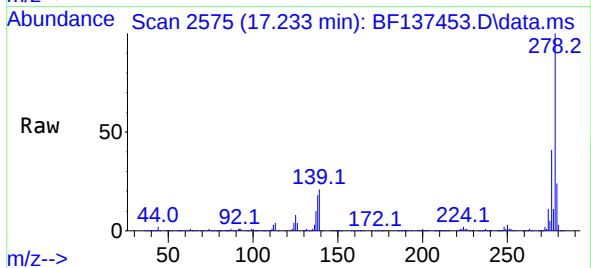
PB159365BS

Tgt Ion:278 Resp: 1190098
Ion Ratio Lower Upper
278 100
139 21.1 17.0 25.6
279 24.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024



#92
Benzo(g,h,i)perylene
Concen: 48.483 ng
RT: 17.698 min Scan# 2654
Delta R.T. 0.006 min
Lab File: BF137453.D
Acq: 01 Mar 2024 11:25

Tgt Ion:276 Resp: 1171915
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 27.8 22.2 33.2

