

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137379.D
 Acq On : 26 Feb 2024 11:49
 Operator : CG\JU
 Sample : PB159110BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159110BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 26 12:12:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	215733	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	900312	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	493535	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	894932	20.000	ng	0.00
76) Chrysene-d12	13.980	240	493612	20.000	ng	0.00
86) Perylene-d12	15.457	264	412976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1336576	95.599	ng	0.02
7) Phenol-d6	6.440	99	1841580	89.543	ng	0.00
23) Nitrobenzene-d5	7.369	82	1564830	86.774	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	412753	96.040	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2680740	84.563	ng	0.00
79) Terphenyl-d14	12.922	244	3181723	90.156	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	290723	37.959	ng	100
3) Pyridine	3.410	79	672365	34.944	ng	100
4) n-Nitrosodimethylamine	3.387	42	334508	45.683	ng	100
6) Aniline	6.469	93	830923	34.069	ng	99
8) 2-Chlorophenol	6.587	128	727614	48.522	ng	99
9) Benzaldehyde	6.351	77	217620	21.978	ng	96
10) Phenol	6.451	94	1068139	47.454	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	735611	44.976	ng	97
12) 1,3-Dichlorobenzene	6.740	146	745177	46.274	ng	100
13) 1,4-Dichlorobenzene	6.816	146	770235	46.456	ng	99
14) 1,2-Dichlorobenzene	6.969	146	727845	47.460	ng	98
15) Benzyl Alcohol	6.945	79	642984	52.447	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1258184	46.281	ng	100
17) 2-Methylphenol	7.057	107	639181	45.050	ng	98
18) Hexachloroethane	7.304	117	263191	46.067	ng	95
19) n-Nitroso-di-n-propyla...	7.216	70	570538	45.018	ng	99
20) 3+4-Methylphenols	7.210	107	725613	44.870	ng	91
22) Acetophenone	7.210	105	974071	44.617	ng	98
24) Nitrobenzene	7.381	77	831049	45.353	ng	96
25) Isophorone	7.622	82	1699464	45.570	ng	99
26) 2-Nitrophenol	7.698	139	318729	45.670	ng	100
27) 2,4-Dimethylphenol	7.739	122	663969	48.411	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	986863	45.911	ng	99
29) 2,4-Dichlorophenol	7.939	162	617758	48.057	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	636516	46.132	ng	100
31) Naphthalene	8.098	128	2121831	43.916	ng	99
32) Benzoic acid	7.881	122	361144	43.751	ng	99
33) 4-Chloroaniline	8.151	127	348469	18.963	ng	96
34) Hexachlorobutadiene	8.216	225	364433	44.461	ng	99
35) Caprolactam	8.528	113	197480m	49.677	ng	
36) 4-Chloro-3-methylphenol	8.639	107	688771	47.262	ng	98
37) 2-Methylnaphthalene	8.792	142	1321085	42.433	ng	99
38) 1-Methylnaphthalene	8.892	142	1257268	42.713	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	614213	45.185	ng	98
41) Hexachlorocyclopentadiene	8.945	237	734448	119.169	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	435152	49.372	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	467969	46.281	ng	99
46) 1,1'-Biphenyl	9.257	154	1650325	45.911	ng	99
47) 2-Chloronaphthalene	9.281	162	1299929	47.886	ng	100
48) 2-Nitroaniline	9.381	65	387540	47.092	ng	97
49) Acenaphthylene	9.698	152	2031901	46.070	ng	99
50) Dimethylphthalate	9.569	163	1599982	46.916	ng	98
51) 2,6-Dinitrotoluene	9.628	165	328333	51.751	ng	95
52) Acenaphthene	9.869	154	1188538	45.144	ng	99
53) 3-Nitroaniline	9.798	138	227081	32.144	ng	98
54) 2,4-Dinitrophenol	9.904	184	308840	96.669	ng	96
55) Dibenzofuran	10.045	168	1835163	45.100	ng	99
56) 4-Nitrophenol	9.969	139	555814	102.012	ng	100
57) 2,4-Dinitrotoluene	10.033	165	407788	50.776	ng	95
58) Fluorene	10.386	166	1382689	44.495	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	408034m	48.730	ng	
60) Diethylphthalate	10.269	149	1514144	47.555	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	684781	44.797	ng	98
62) 4-Nitroaniline	10.422	138	317409m	47.570	ng	
63) Azobenzene	10.539	77	1739904	45.673	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	202565	46.450	ng	90
66) n-Nitrosodiphenylamine	10.504	169	1296403	44.604	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	441234	45.862	ng	97
68) Hexachlorobenzene	10.933	284	465591	46.781	ng	98
69) Atrazine	11.039	200	416014	53.038	ng	99
70) Pentachlorophenol	11.133	266	552622	87.639	ng	99
71) Phenanthrene	11.351	178	2168284	43.915	ng	99
72) Anthracene	11.404	178	2237074	43.965	ng	99
73) Carbazole	11.563	167	1976441	45.462	ng	99
74) Di-n-butylphthalate	11.898	149	2203891	50.663	ng	100
75) Fluoranthene	12.545	202	2141616	44.436	ng	100
77) Benzidine	12.674	184	249700	32.281	ng	98
78) Pyrene	12.774	202	2179507	46.696	ng	99
80) Butylbenzylphthalate	13.404	149	362122	51.486	ng	95
81) Benzo(a)anthracene	13.969	228	1603286	46.808	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	309035	39.667	ng	98
83) Chrysene	14.004	228	1585619	45.316	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	463673	51.108	ng	99
85) Di-n-octyl phthalate	14.586	149	811943	51.149	ng	96
87) Indeno(1,2,3-cd)pyrene	16.968	276	1387382	48.497	ng	99
88) Benzo(b)fluoranthene	15.027	252	1235562	48.771	ng	99
89) Benzo(k)fluoranthene	15.057	252	1299200	48.929	ng	99
90) Benzo(a)pyrene	15.398	252	1103245	45.911	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1152963	49.172	ng	100
92) Benzo(g,h,i)perylene	17.427	276	1175502	48.506	ng	98

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

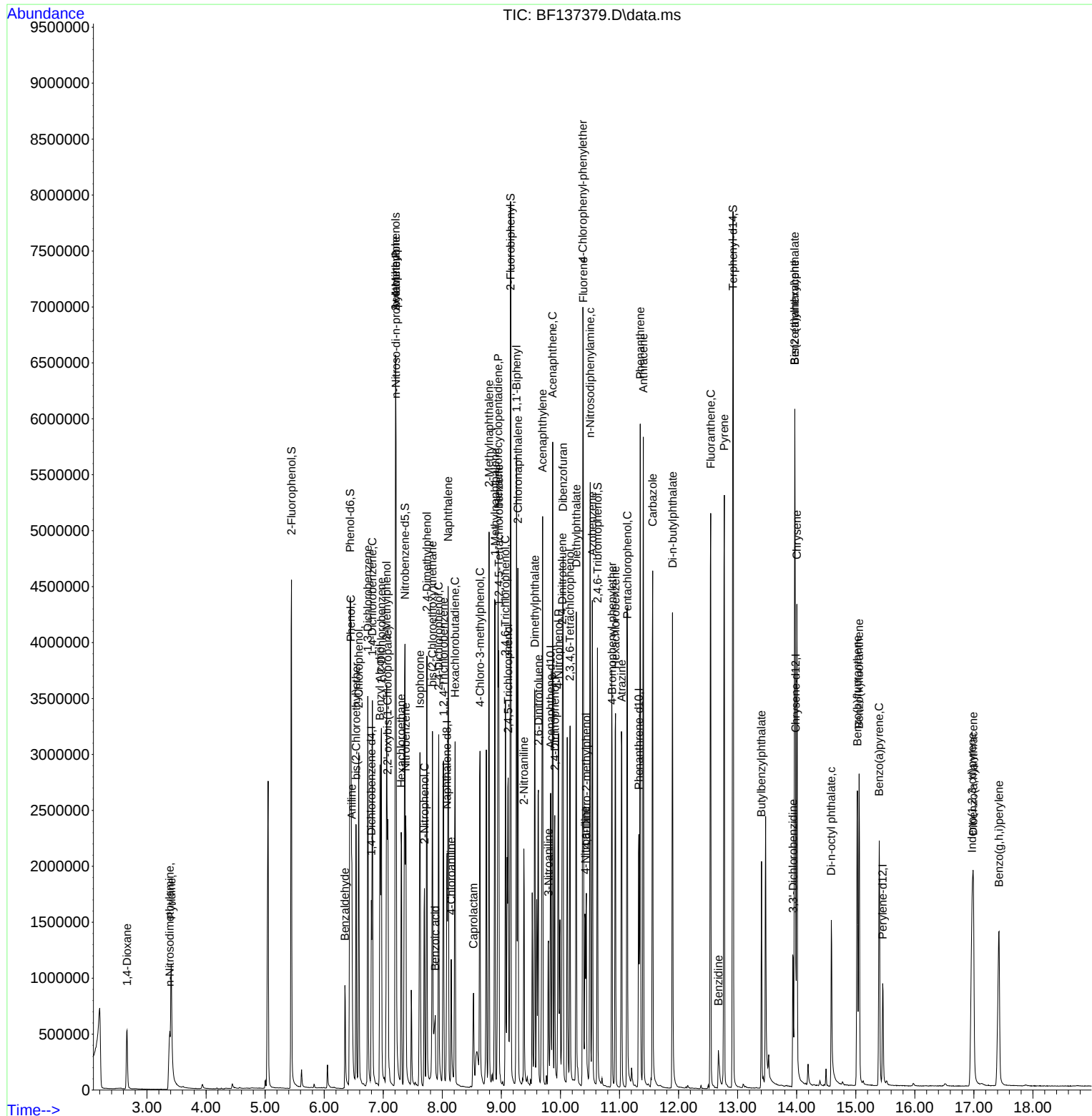
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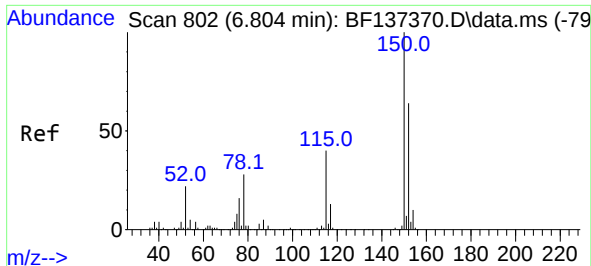
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Supervised By :mohammad ahmed 02/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

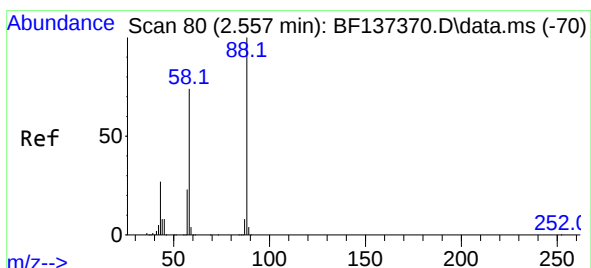
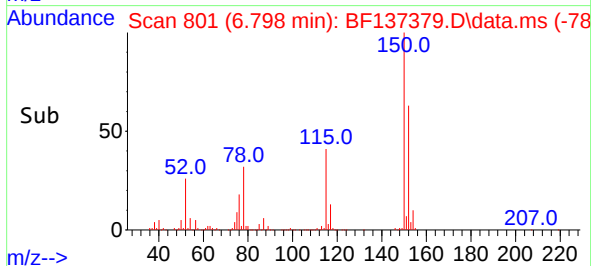
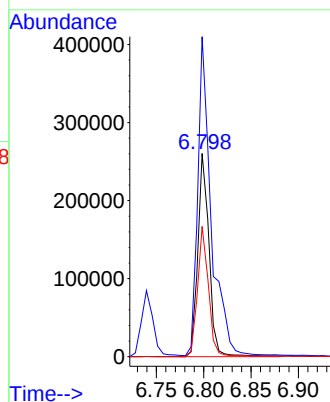
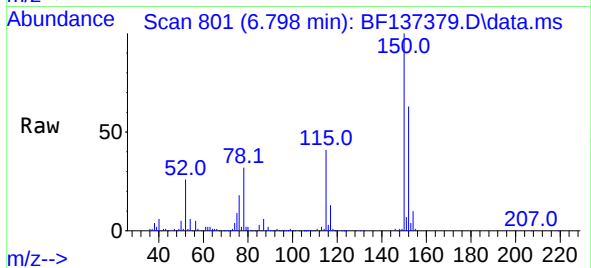
PB159110BS

Tgt Ion:152 Resp: 21573
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 64.2 49.8 74.8

Manual Integrations

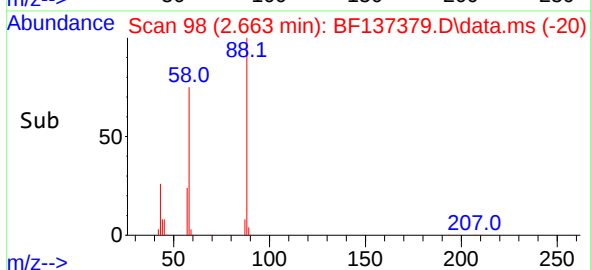
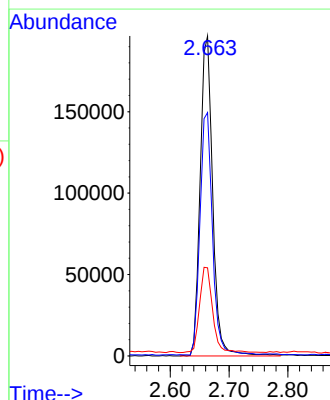
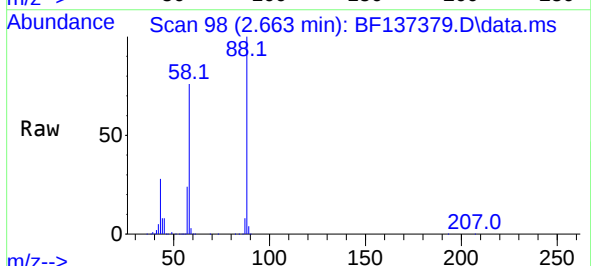
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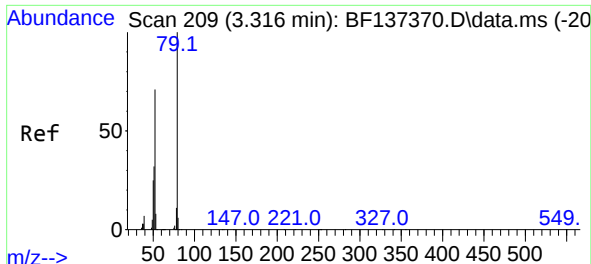
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#2
1,4-Dioxane
Concen: 37.959 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.106 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Tgt Ion: 88 Resp: 290723
Ion Ratio Lower Upper
88 100
58 75.6 60.6 91.0
43 27.8 22.0 33.0





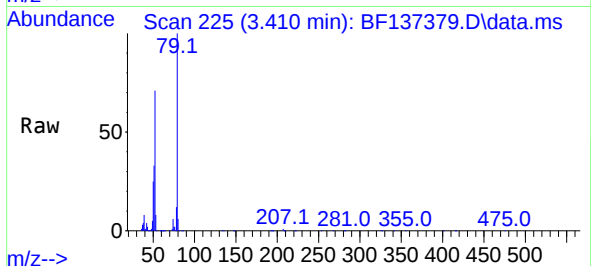
#3
Pyridine
Concen: 34.944 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



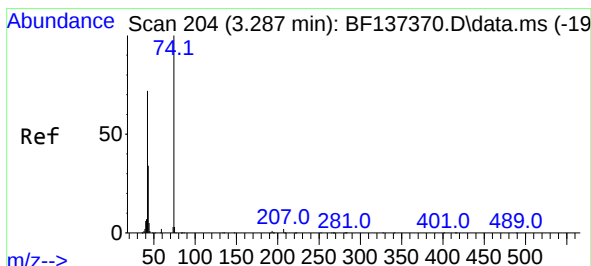
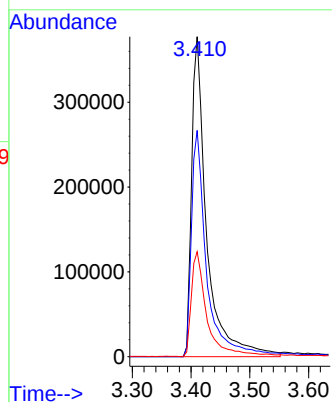
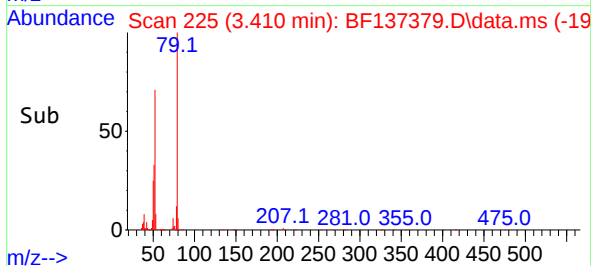
Tgt Ion: 79 Resp: 67236
Ion Ratio Lower Upper
79 100
52 70.7 56.5 84.7
51 32.8 26.2 39.2

Manual Integrations

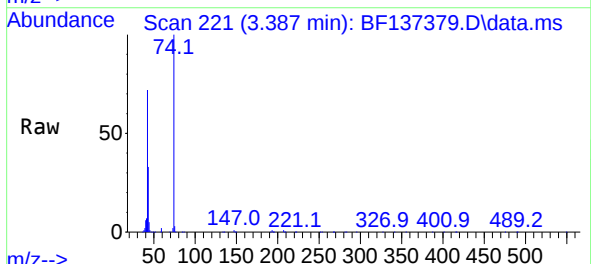
APPROVED

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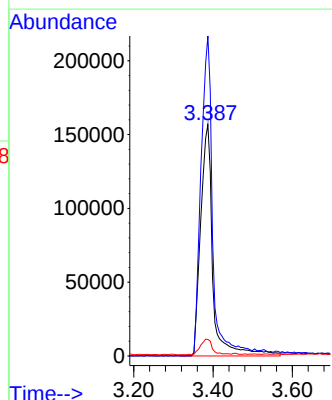
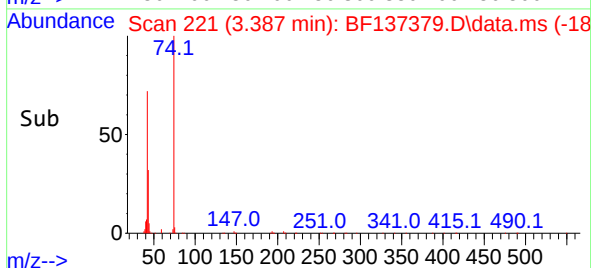
Supervised By :mohammad ahmed 02/27/2024

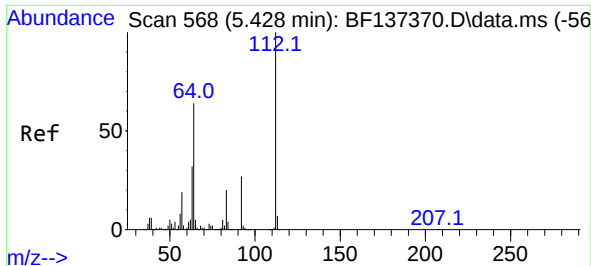


#4
n-Nitrosodimethylamine
Concen: 45.683 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.100 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



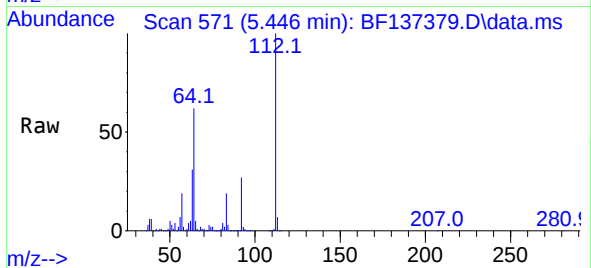
Tgt Ion: 42 Resp: 334508
Ion Ratio Lower Upper
42 100
74 138.2 110.8 166.2
44 7.1 6.0 9.0





#5
2-Fluorophenol
Concen: 95.599 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

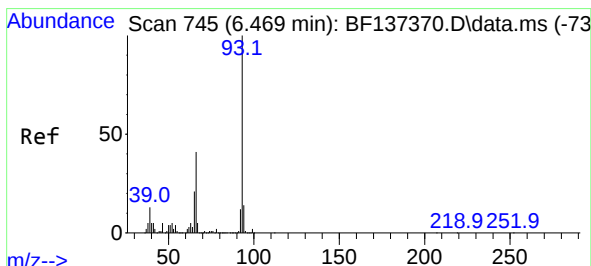
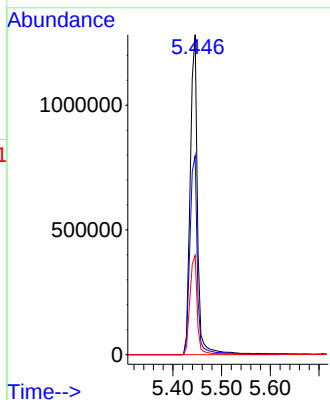
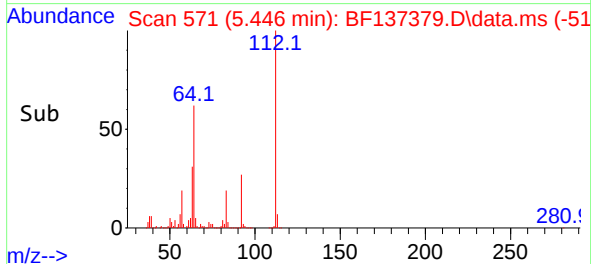
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Tgt Ion:112 Resp: 1336570
Ion Ratio Lower Upper
112 100
64 62.2 51.0 76.6
63 31.0 25.7 38.5

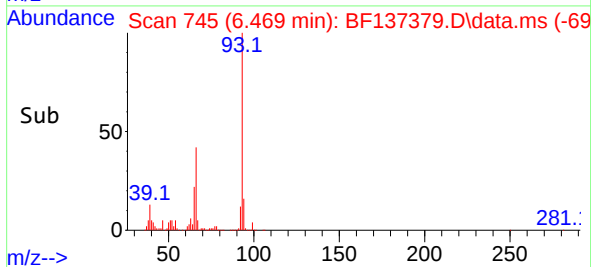
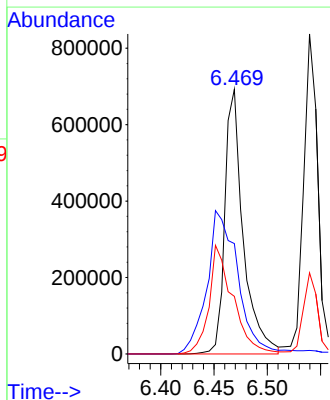
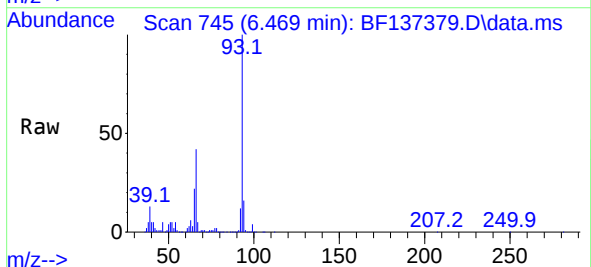
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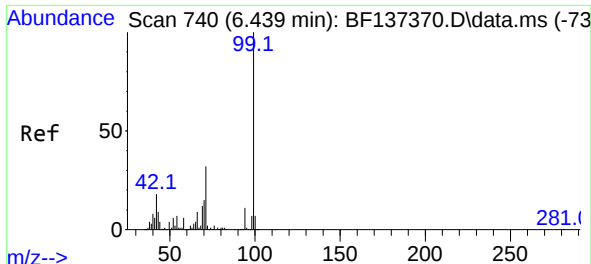
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#6
Aniline
Concen: 34.069 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137379.D
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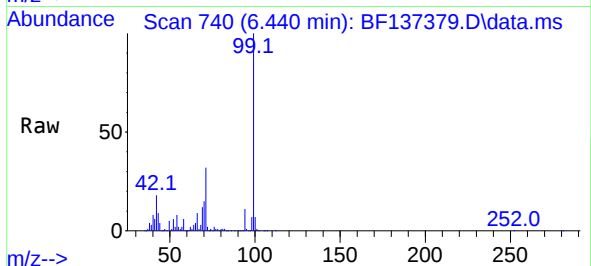
Tgt Ion: 93 Resp: 830923
Ion Ratio Lower Upper
93 100
66 41.7 33.0 49.4
65 21.8 17.0 25.6





#7
Phenol-d6
Concen: 89.543 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137379.D
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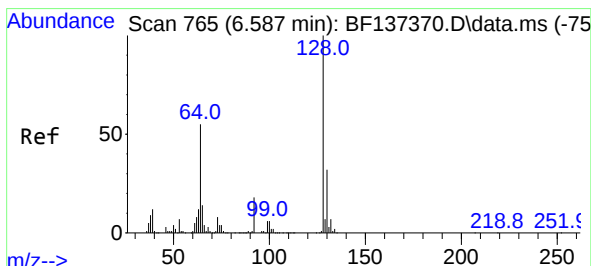
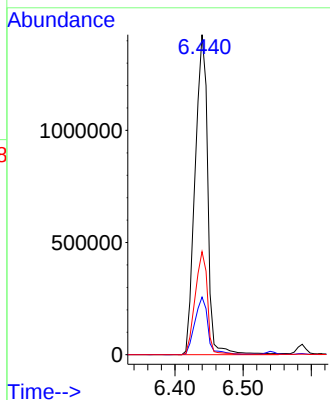
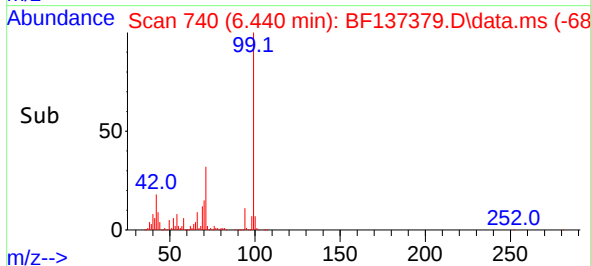
Instrument :
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Tgt Ion: 99 Resp: 1841580
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 32.2 25.2 37.8

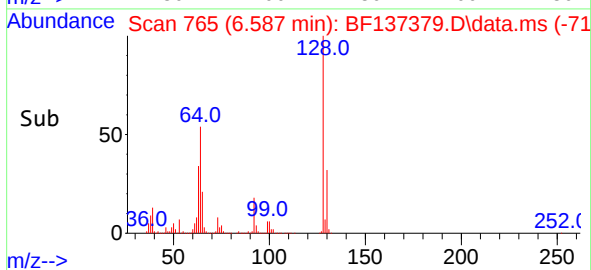
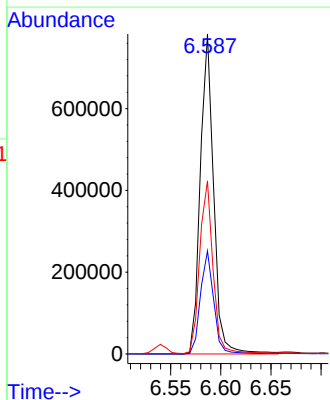
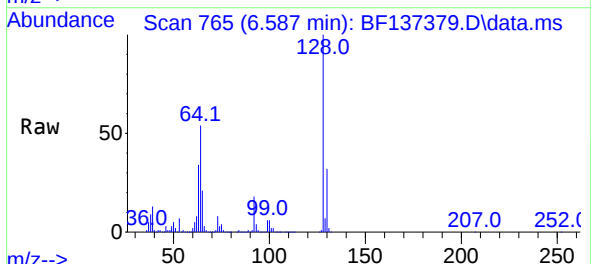
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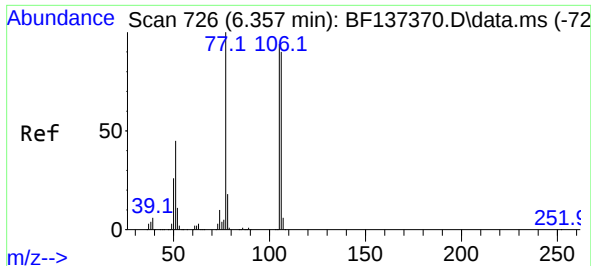
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#8
2-Chlorophenol
Concen: 48.522 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF137379.D
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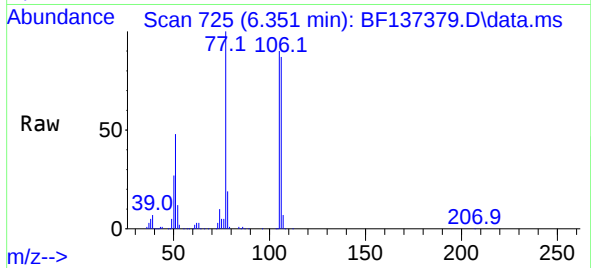
Tgt Ion:128 Resp: 727614
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 54.1 35.3 75.3





#9
Benzaldehyde
Concen: 21.978 ng
RT: 6.351 min Scan# 725
Delta R.T. -0.006 min
Lab File: BF137379.D
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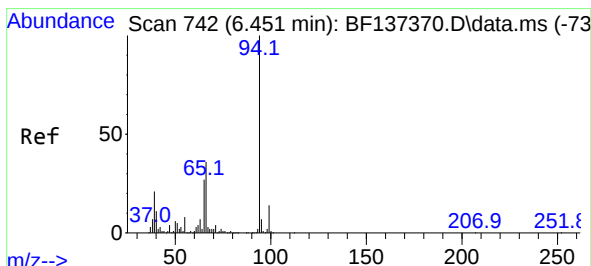
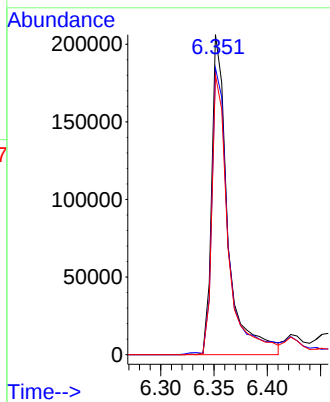
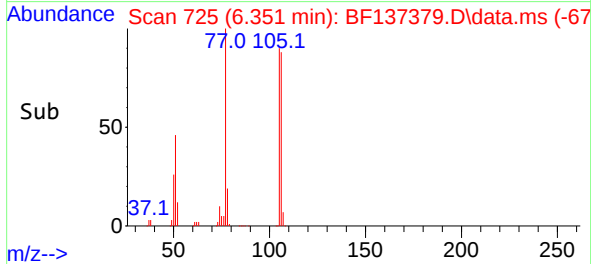
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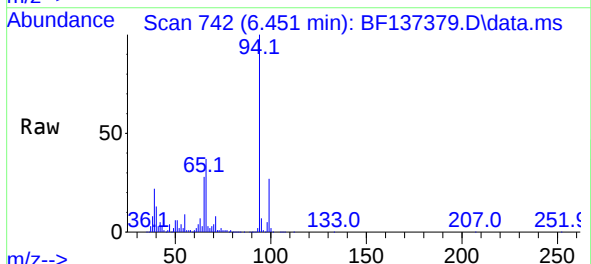
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Ion Ratio Lower Upper
77 100
105 89.6 74.1 114.1
106 87.3 70.2 110.2

Manual Integrations
APPROVED

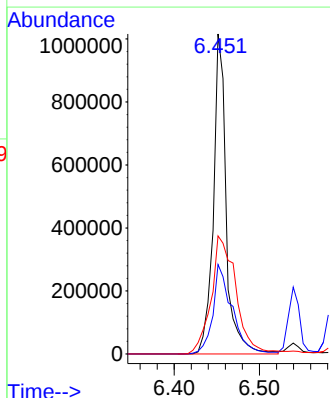
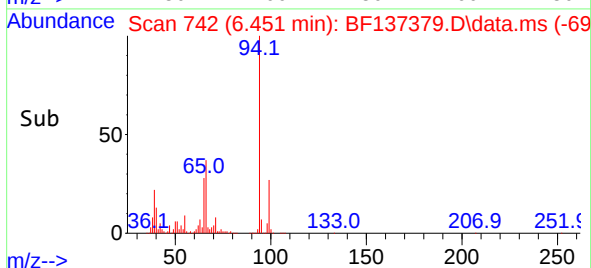
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

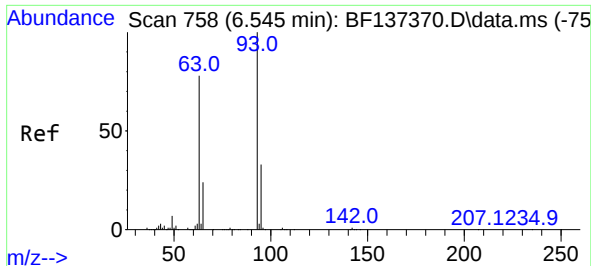


#10
Phenol
Concen: 47.454 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion: 94 Resp: 1068139
Ion Ratio Lower Upper
94 100
65 28.0 7.4 47.4
66 36.9 15.6 55.6





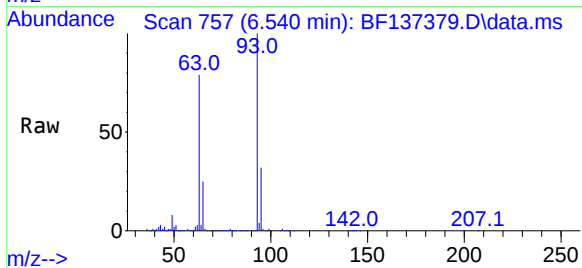
#11
bis(2-Chloroethyl)ether
Concen: 44.976 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

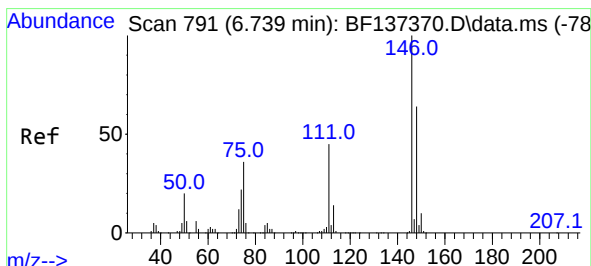
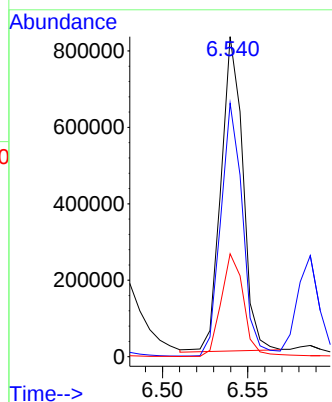
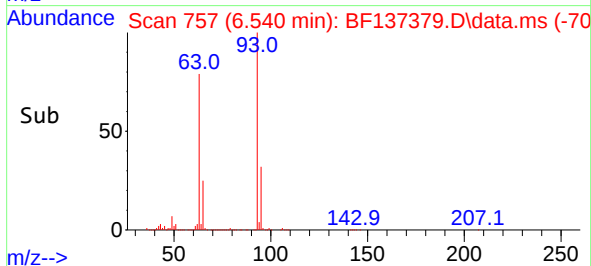
PB159110BS



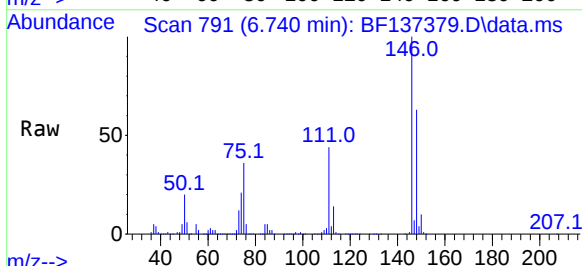
Tgt Ion: 93 Resp: 73561
Ion Ratio Lower Upper
93 100
63 79.2 56.1 96.1
95 32.2 12.7 52.7

Manual Integrations
APPROVED

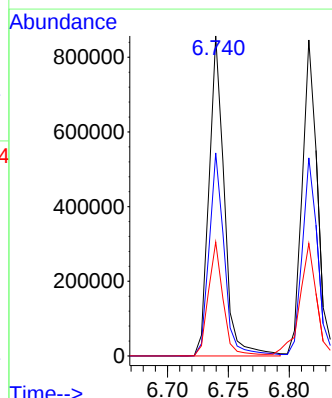
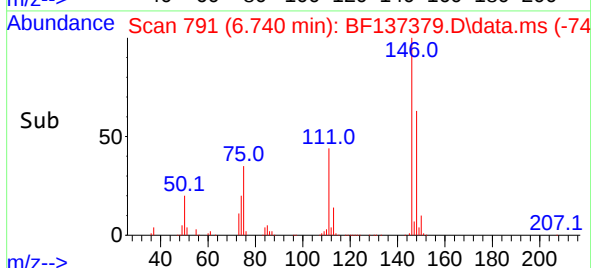
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

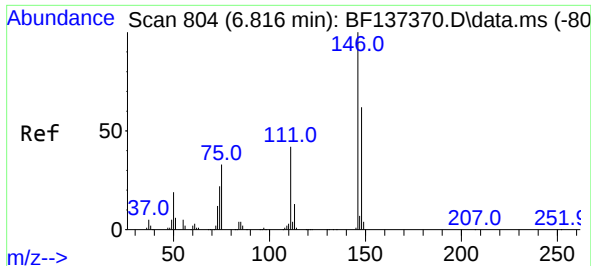


#12
1,3-Dichlorobenzene
Concen: 46.274 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:146 Resp: 745177
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 35.6 28.5 42.7





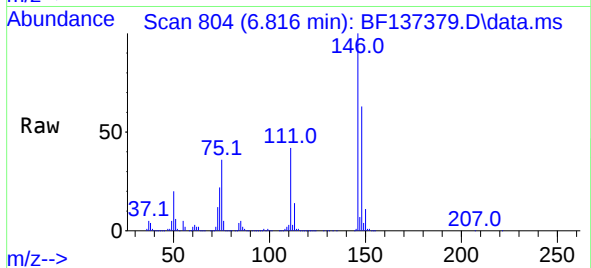
#13
1,4-Dichlorobenzene
Concen: 46.456 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

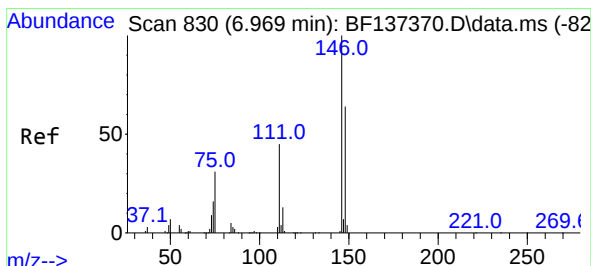
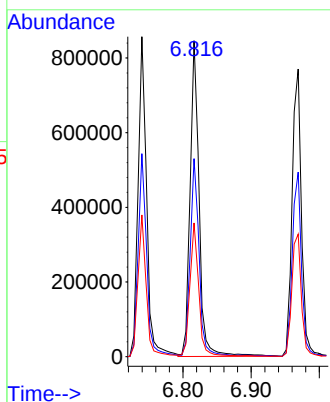
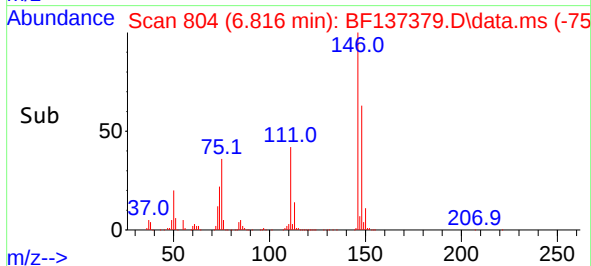


Tgt Ion:146 Resp: 770235
Ion Ratio Lower Upper
146 100
148 62.7 49.9 74.9
111 42.3 34.3 51.5

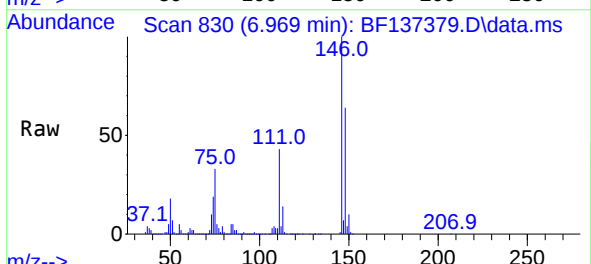
Manual Integrations

APPROVED

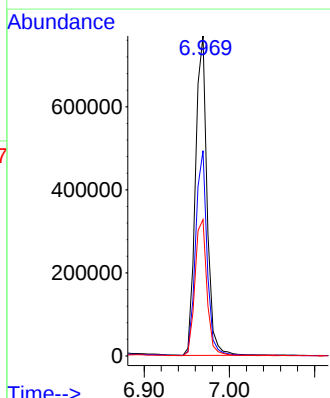
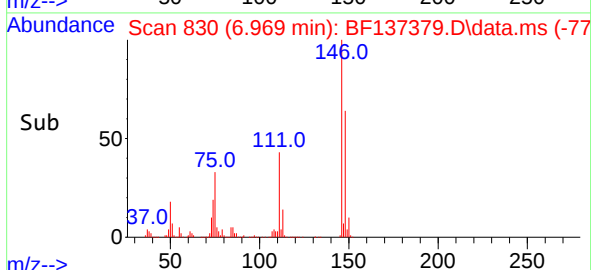
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

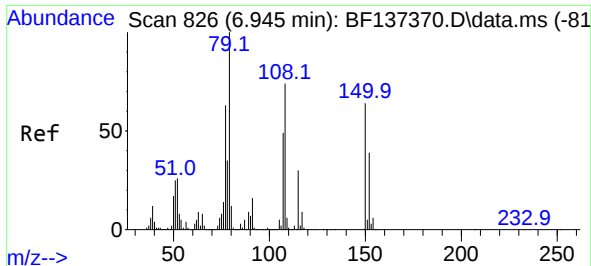


#14
1,2-Dichlorobenzene
Concen: 47.460 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:146 Resp: 727845
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
111 42.6 36.6 54.8





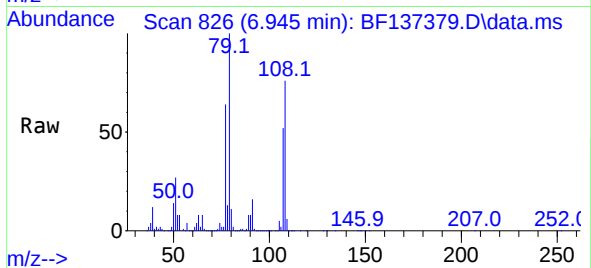
#15
Benzyl Alcohol
Concen: 52.447 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

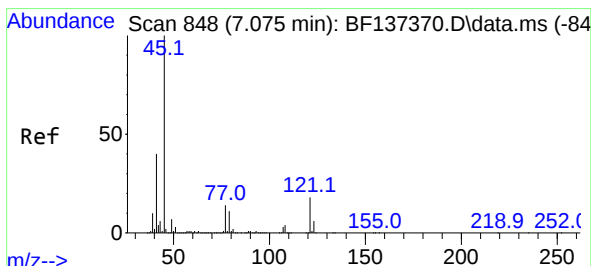
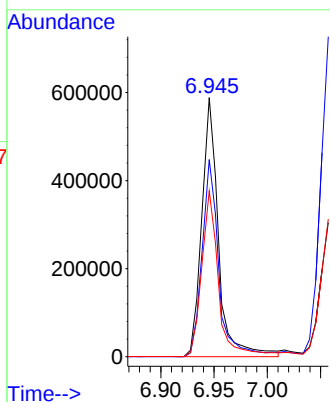
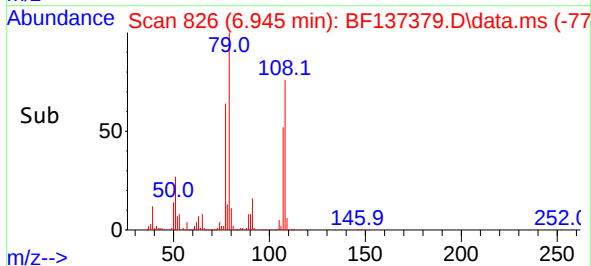


Tgt Ion: 79 Resp: 642984
Ion Ratio Lower Upper
79 100
108 76.1 59.5 89.3
77 64.0 50.5 75.7

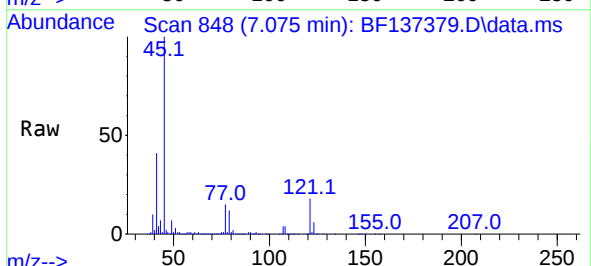
Manual Integrations

APPROVED

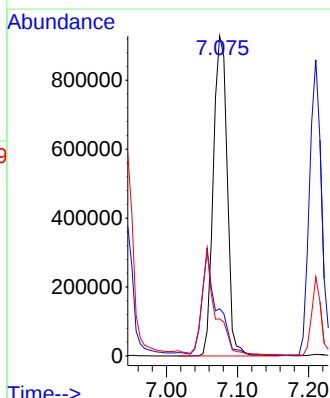
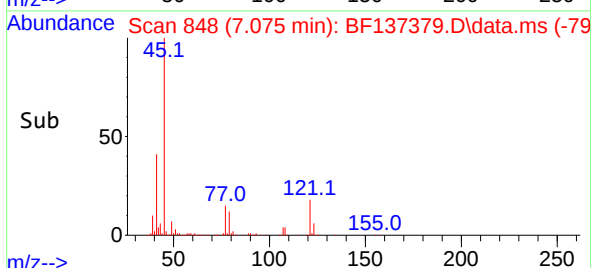
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

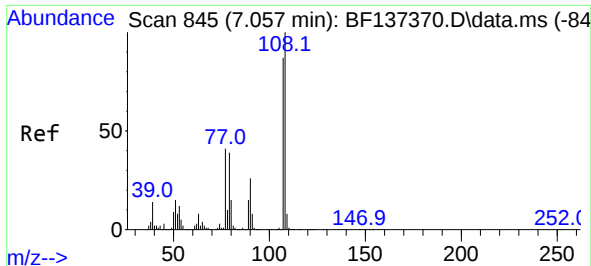


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.281 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion: 45 Resp: 1258184
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 11.6 0.0 31.6





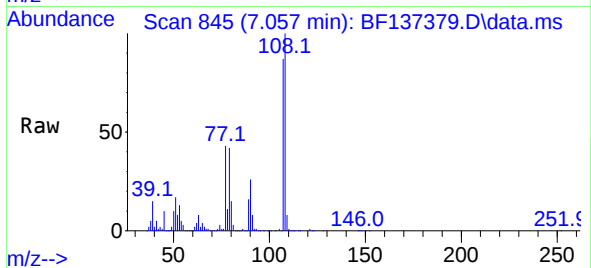
#17
2-Methylphenol
Concen: 45.050 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

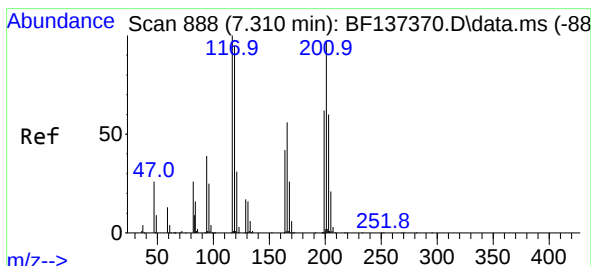
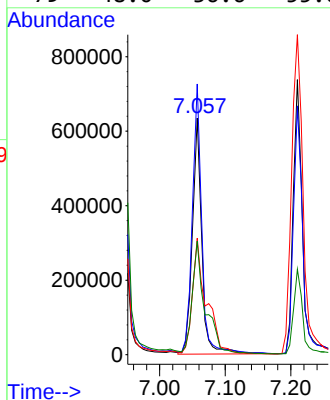
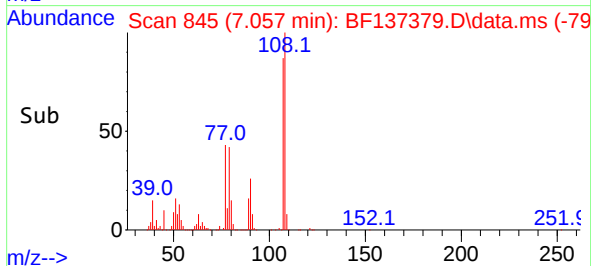


Tgt Ion:107 Resp: 63918
Ion Ratio Lower Upper
107 100
108 114.4 92.2 138.4
77 49.2 38.1 57.1
79 48.0 36.6 55.0

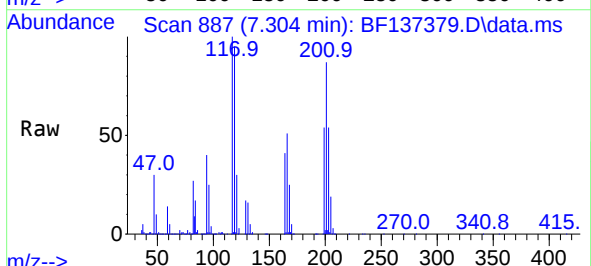
Manual Integrations

APPROVED

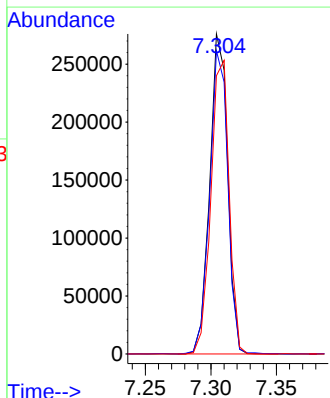
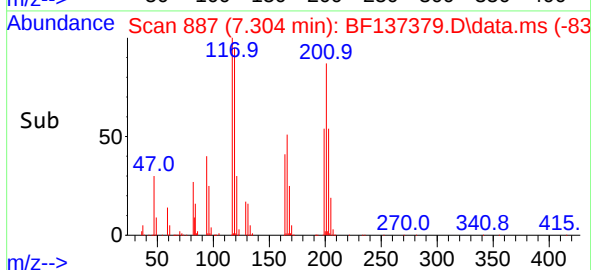
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

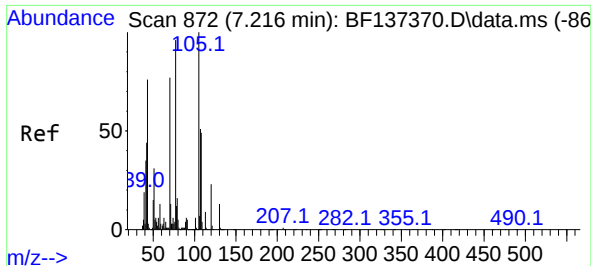


#18
Hexachloroethane
Concen: 46.067 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



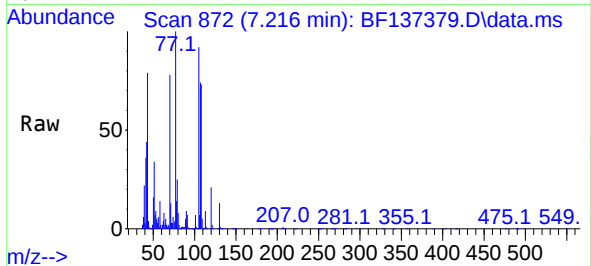
Tgt Ion:117 Resp: 263191
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4
201 87.0 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.018 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

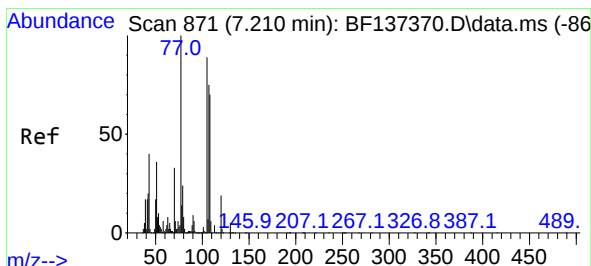
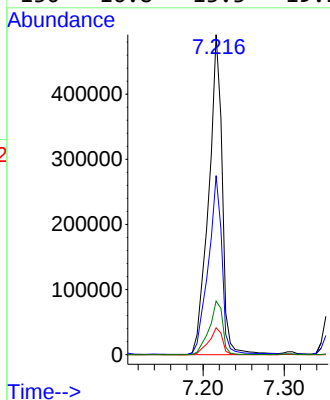
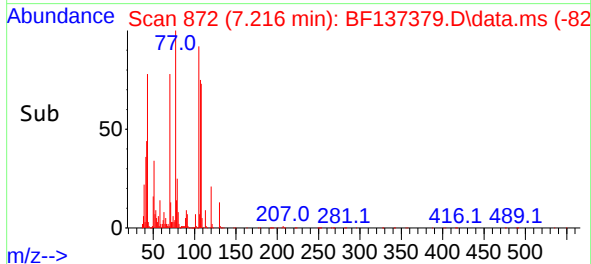
Instrument :
BNA_F
ClientSampleId :
PB159110BS



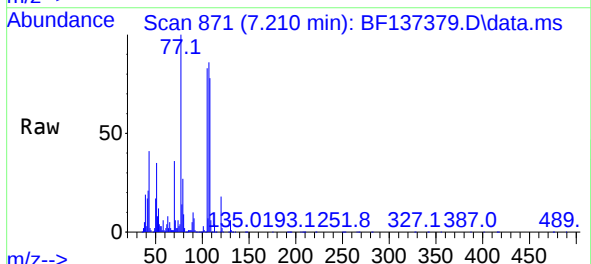
Tgt Ion: 70 Resp: 570538
Ion Ratio Lower Upper
70 100
42 56.0 45.3 67.9
101 8.4 6.5 9.7
130 16.8 13.3 19.9

Manual Integrations
APPROVED

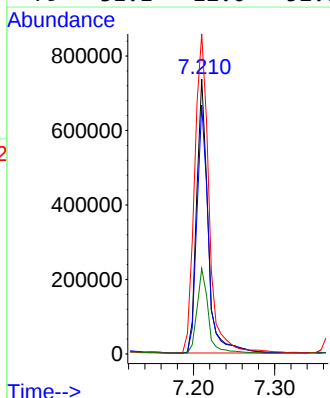
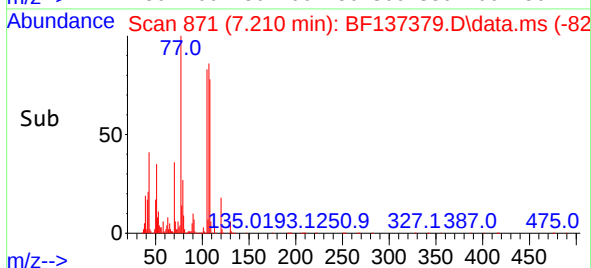
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

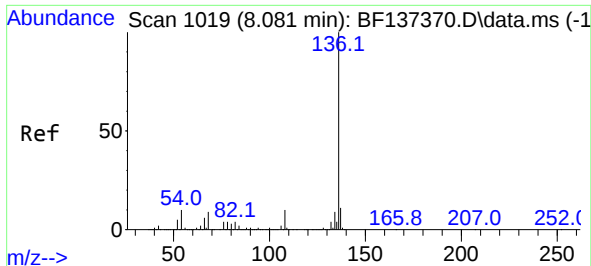


#20
3+4-Methylphenols
Concen: 44.870 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:107 Resp: 725613
Ion Ratio Lower Upper
107 100
108 90.5 73.1 113.1
77 116.4 113.6 153.6
79 31.1 12.0 52.0





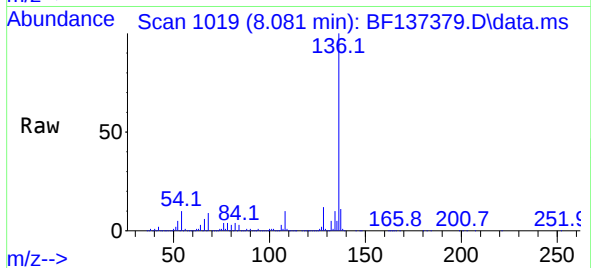
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

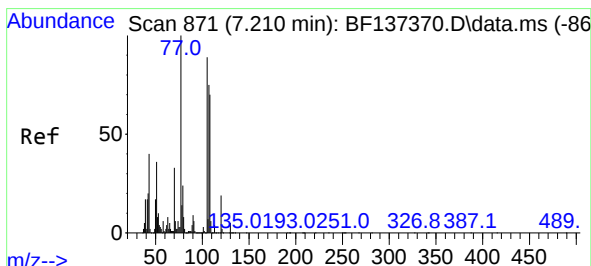
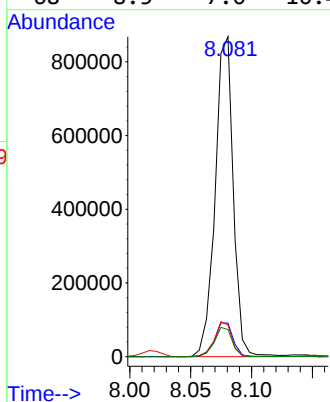
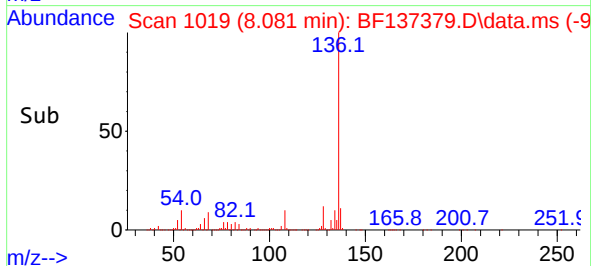


Tgt Ion:136 Resp: 900312
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 9.9 7.8 11.6
68 8.5 7.0 10.4

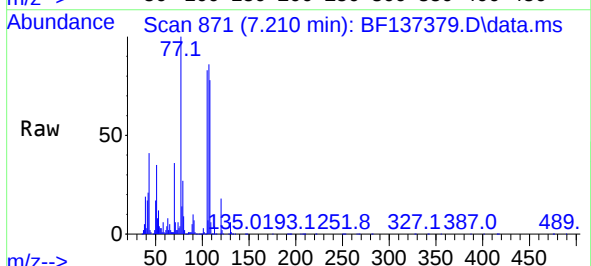
Manual Integrations

APPROVED

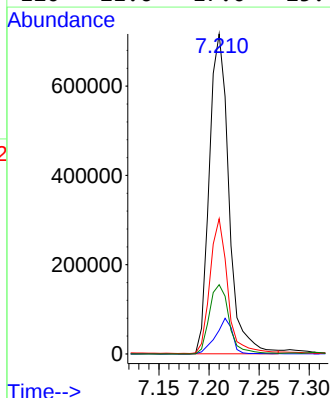
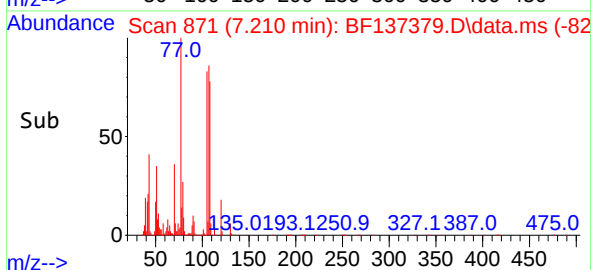
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

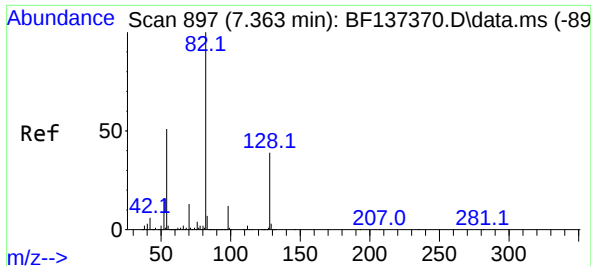


#22
Acetophenone
Concen: 44.617 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:105 Resp: 974071
Ion Ratio Lower Upper
105 100
71 7.4 5.0 7.6
51 42.3 32.2 48.4
120 21.6 17.0 25.4





#23

Nitrobenzene-d5

Concen: 86.774 ng

RT: 7.369 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF137379.D

Acq: 26 Feb 2024 11:49

Instrument :

BNF

ClientSampleId :

PB159110BS

Tgt Ion: 82 Resp: 1564830

Ion Ratio Lower Upper

82 100

128 42.1 30.8 46.2

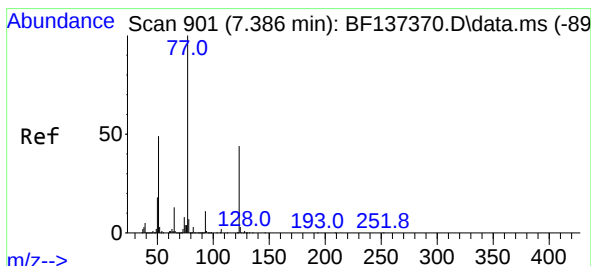
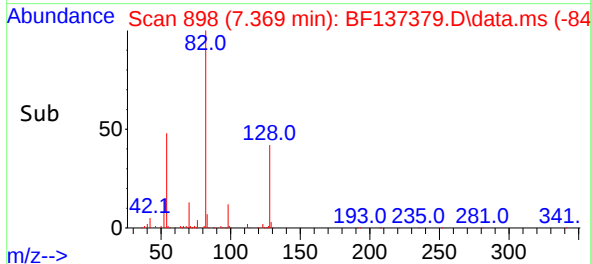
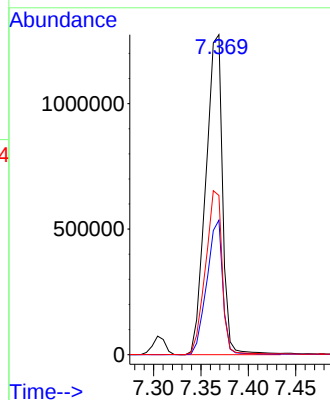
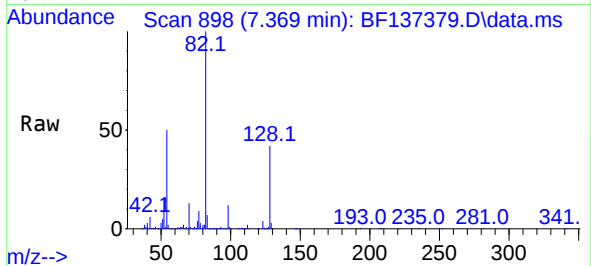
54 49.7 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#24

Nitrobenzene

Concen: 45.353 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF137379.D

Acq: 26 Feb 2024 11:49

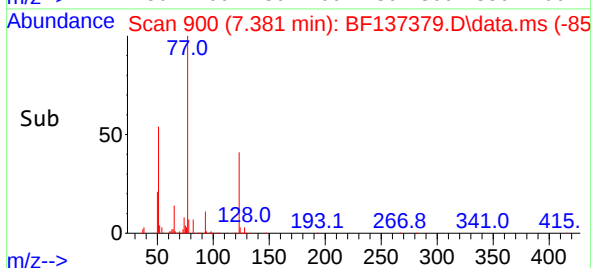
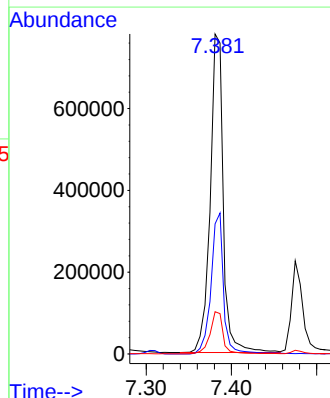
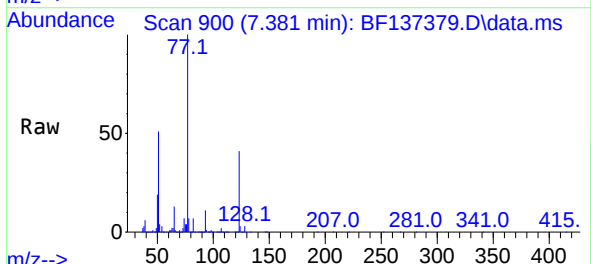
Tgt Ion: 77 Resp: 831049

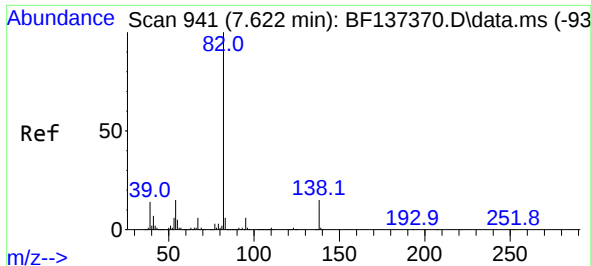
Ion Ratio Lower Upper

77 100

123 40.7 35.4 53.0

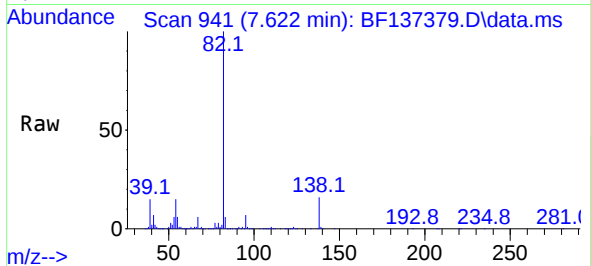
65 13.2 10.3 15.5





#25
Isophorone
Concen: 45.570 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

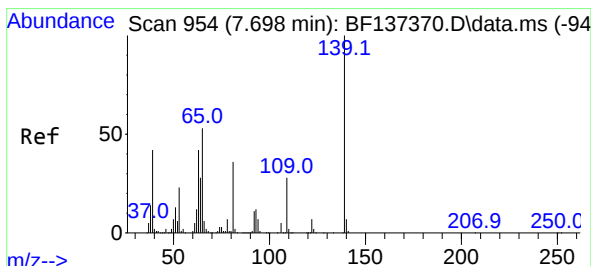
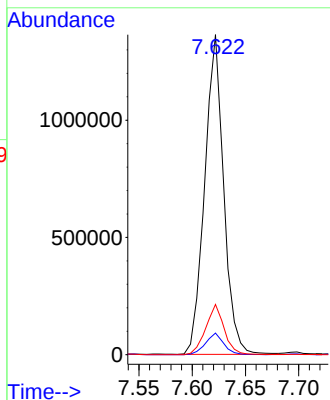
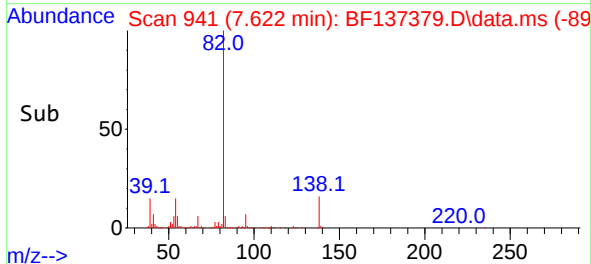
Instrument :
BNA_F
ClientSampleId :
PB159110BS



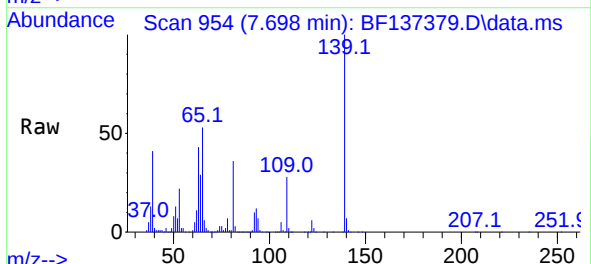
Tgt Ion: 82 Resp: 169946
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 15.7 12.2 18.4

Manual Integrations
APPROVED

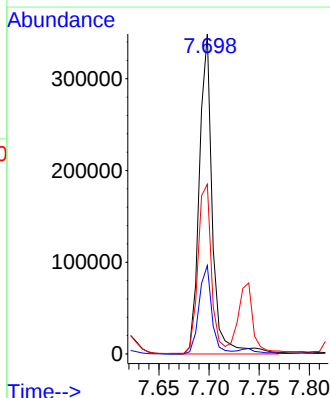
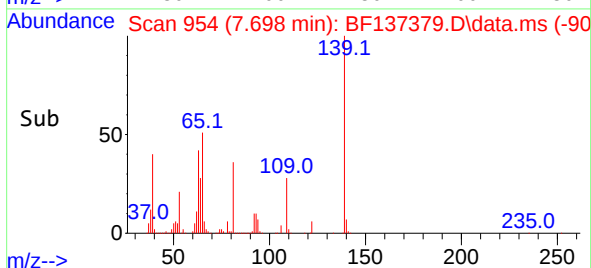
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

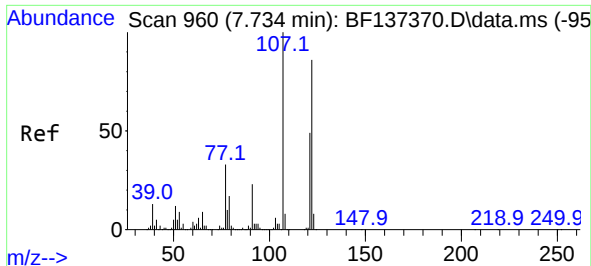


#26
2-Nitrophenol
Concen: 45.670 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:139 Resp: 318729
Ion Ratio Lower Upper
139 100
109 27.6 22.5 33.7
65 53.1 42.3 63.5





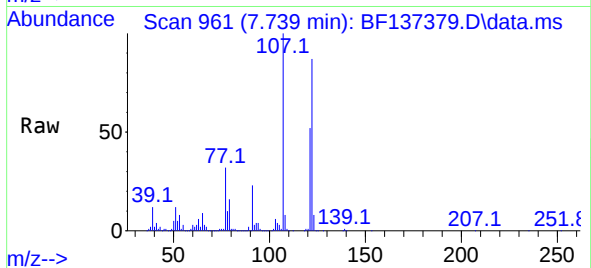
#27
2,4-Dimethylphenol
Concen: 48.411 ng
RT: 7.739 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



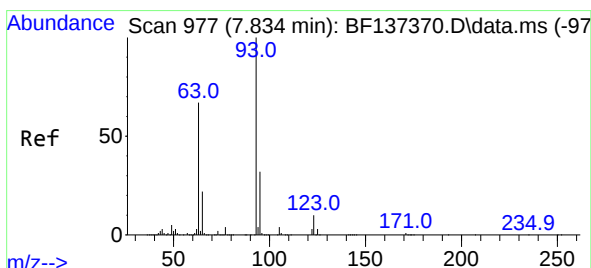
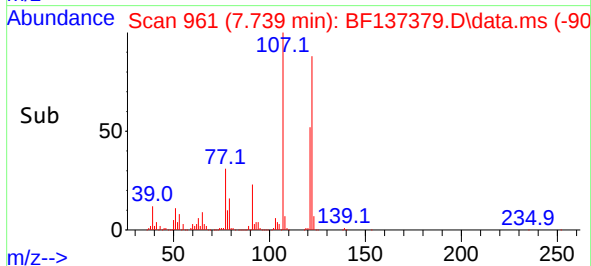
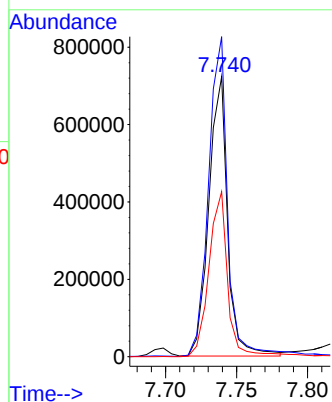
Tgt Ion:122 Resp: 663969
Ion Ratio Lower Upper
122 100
107 114.3 92.7 139.1
121 58.9 45.2 67.8

Manual Integrations

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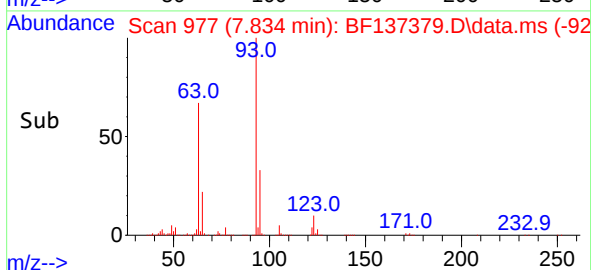
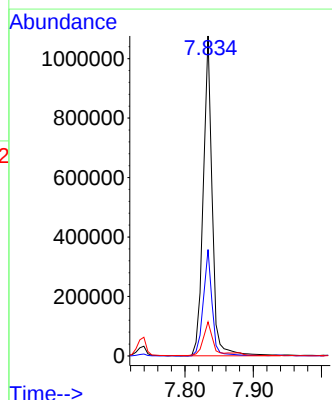
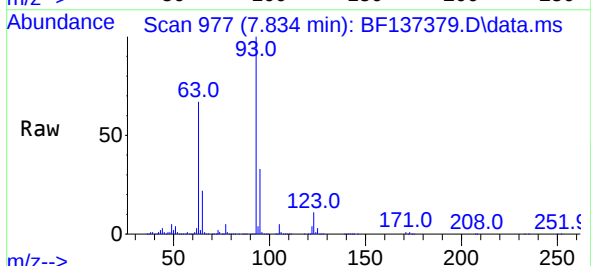
Reviewed By :Yogesh Patel 02/27/2024

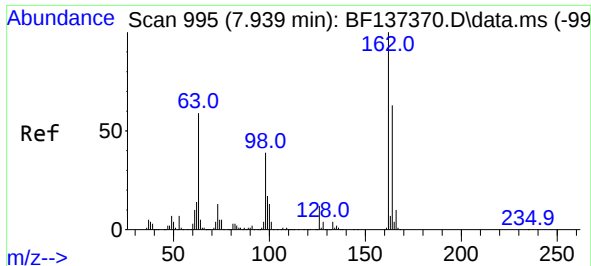
Supervised By :mohammad ahmed 02/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.911 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Tgt Ion: 93 Resp: 986863
Ion Ratio Lower Upper
93 100
95 33.2 25.9 38.9
123 10.6 8.2 12.4





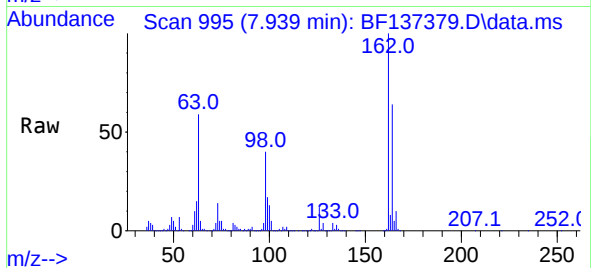
#29
2,4-Dichlorophenol
Concen: 48.057 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

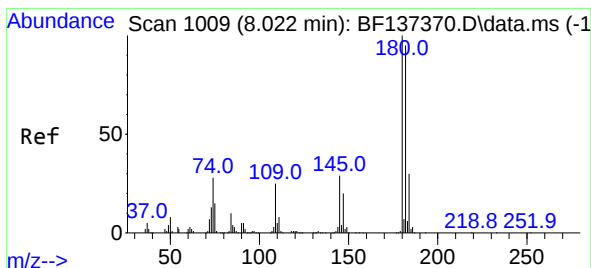
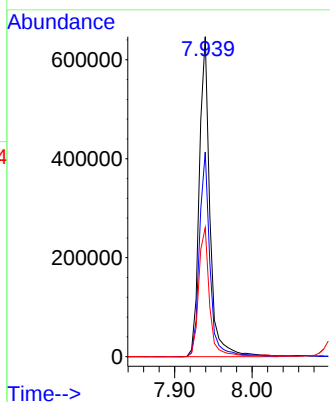
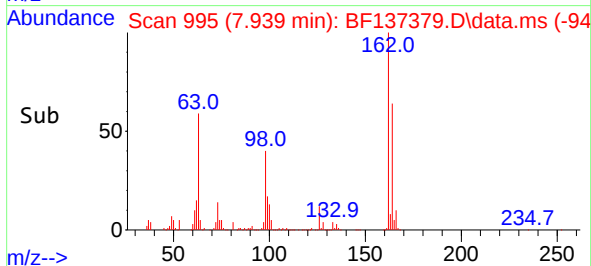


Tgt Ion:162 Resp: 617758
Ion Ratio Lower Upper
162 100
164 64.0 43.1 83.1
98 40.3 19.0 59.0

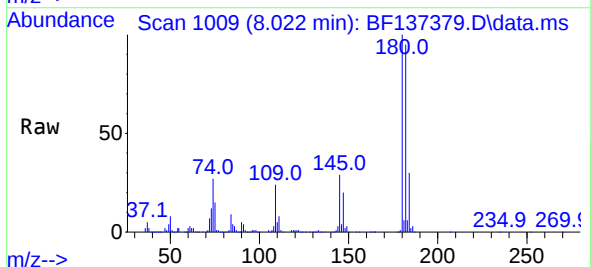
Manual Integrations

APPROVED

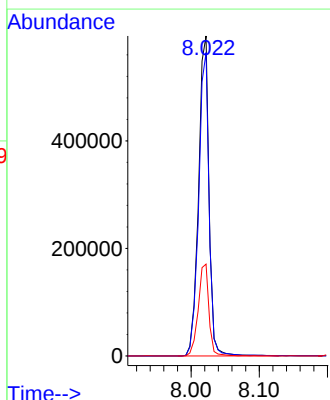
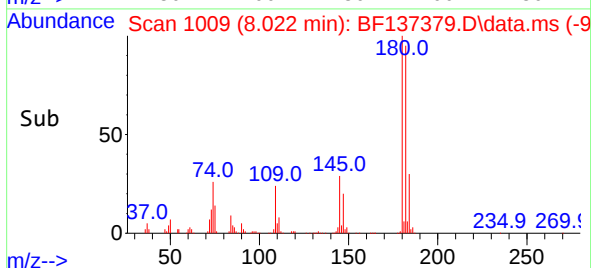
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

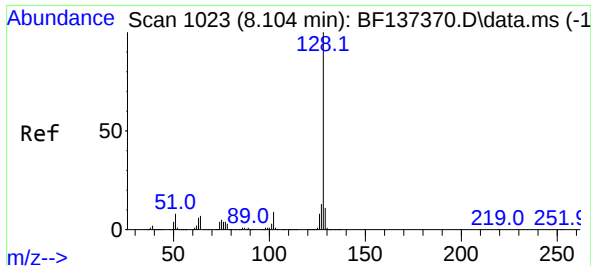


#30
1,2,4-Trichlorobenzene
Concen: 46.132 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



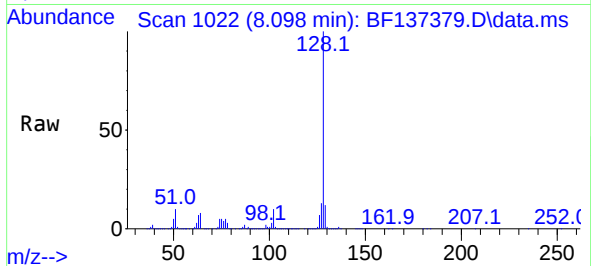
Tgt Ion:180 Resp: 636516
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.6
145 28.7 23.4 35.0





#31
Naphthalene
Concen: 43.916 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

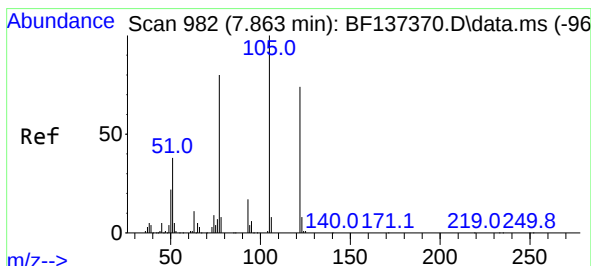
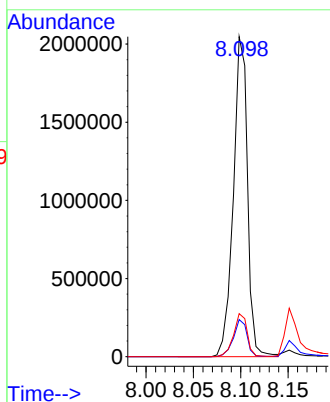
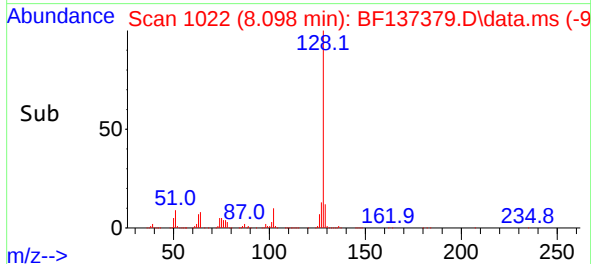
Instrument :
BNA_F
ClientSampleId :
PB159110BS



Tgt Ion:128 Resp: 212183
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.5 10.6 16.0

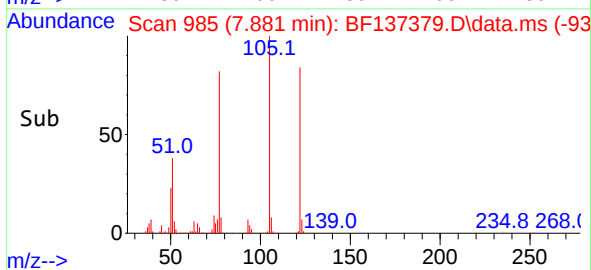
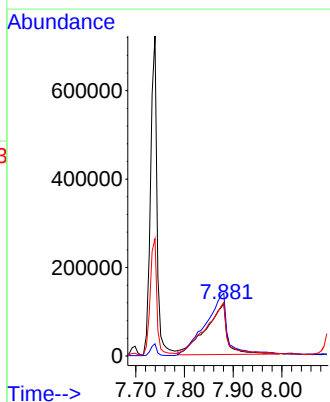
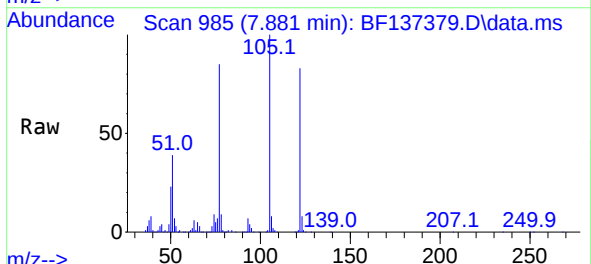
Manual Integrations
APPROVED

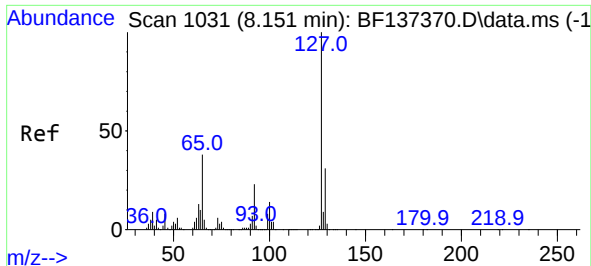
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#32
Benzoic acid
Concen: 43.751 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Tgt Ion:122 Resp: 361144
Ion Ratio Lower Upper
122 100
105 119.8 101.1 141.1
77 101.7 82.8 122.8





#33
4-Chloroaniline
Concen: 18.963 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

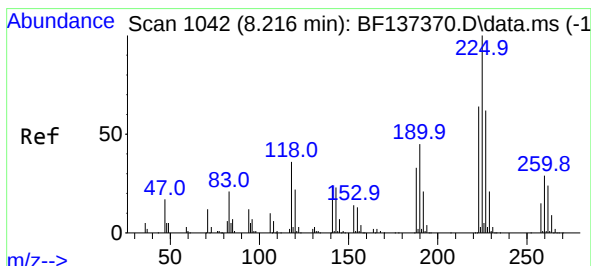
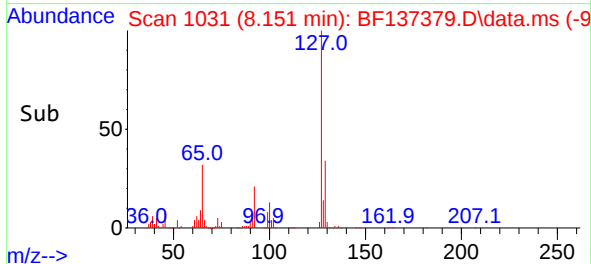
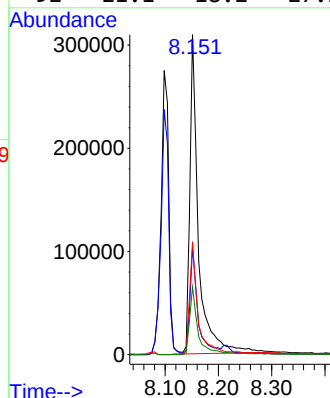
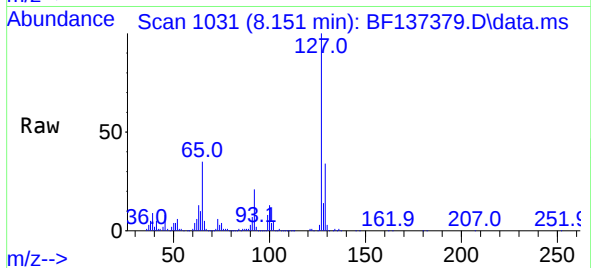
PB159110BS

Tgt Ion:127 Resp: 348469
Ion Ratio Lower Upper
127 100
129 33.5 25.0 37.6
65 35.3 30.4 45.6
92 21.1 18.2 27.2

Manual Integrations

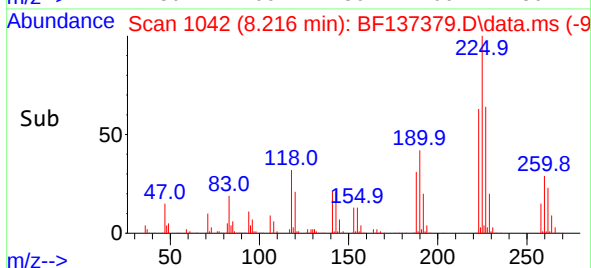
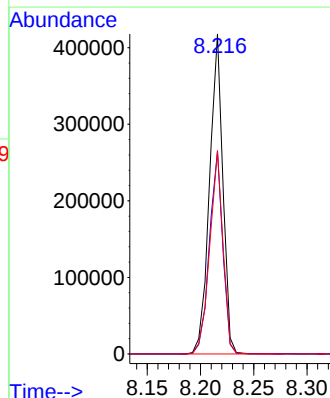
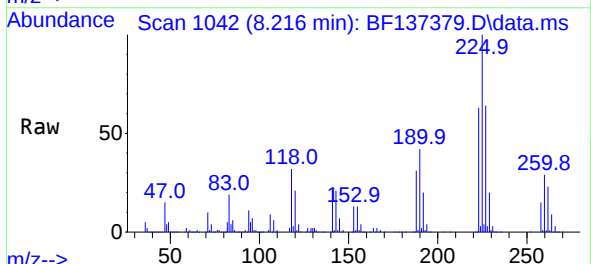
APPROVED

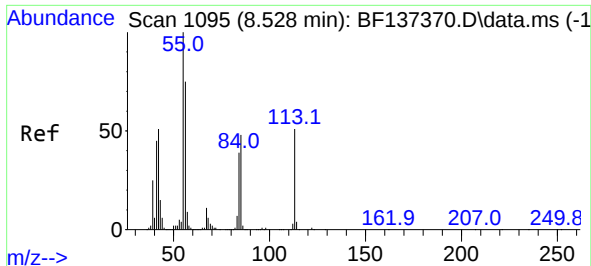
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#34
Hexachlorobutadiene
Concen: 44.461 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

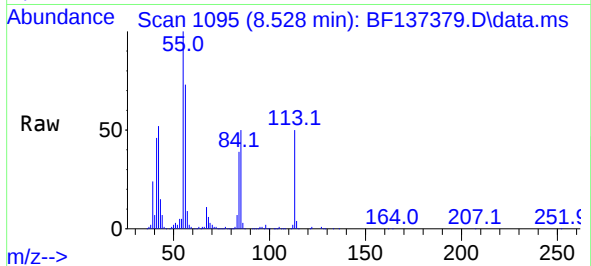
Tgt Ion:225 Resp: 364433
Ion Ratio Lower Upper
225 100
223 63.4 51.4 77.0
227 63.5 49.8 74.6





#35
Caprolactam
Concen: 49.677 ng m
RT: 8.528 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

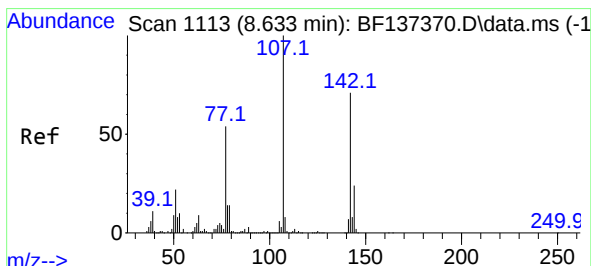
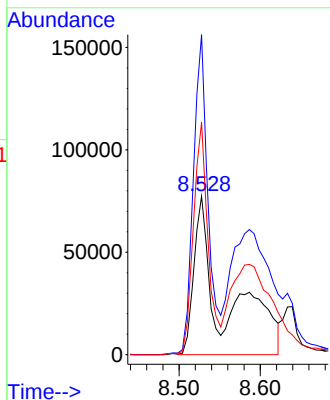
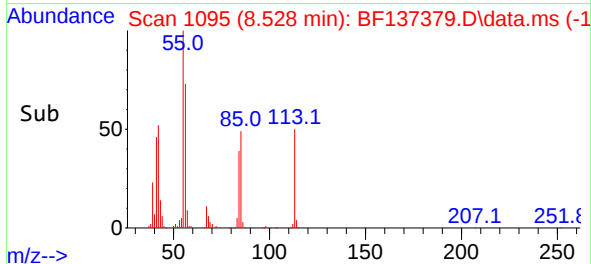
Instrument :
BNA_F
ClientSampleId :
PB159110BS



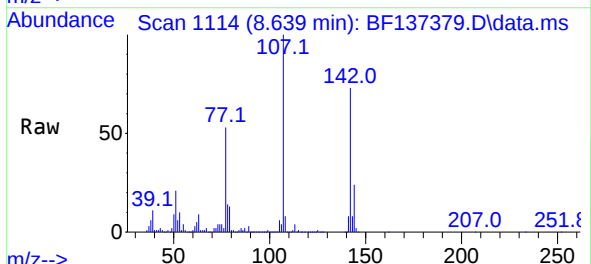
Tgt Ion:113 Resp: 197480
Ion Ratio Lower Upper
113 100
55 201.8 176.3 216.3
56 146.5 127.6 167.6

Manual Integrations
APPROVED

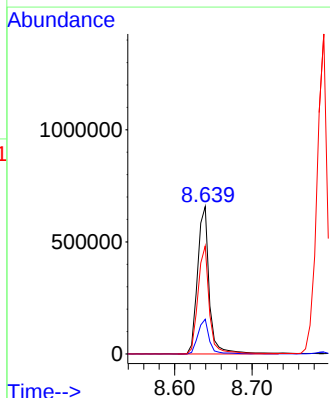
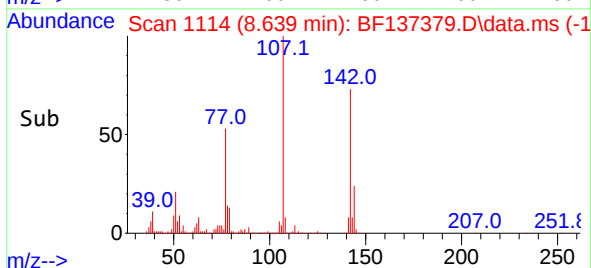
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

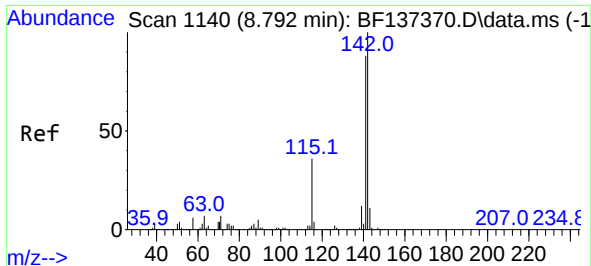


#36
4-Chloro-3-methylphenol
Concen: 47.262 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:107 Resp: 688771
Ion Ratio Lower Upper
107 100
144 23.6 18.9 28.3
142 73.2 56.6 85.0





#37
2-Methylnaphthalene
Concen: 42.433 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

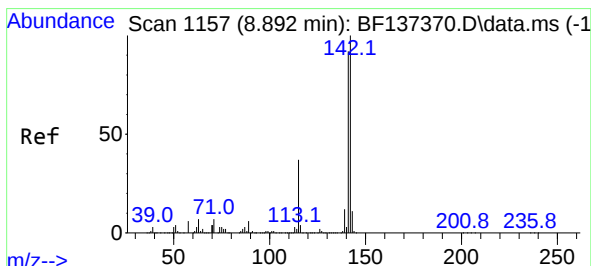
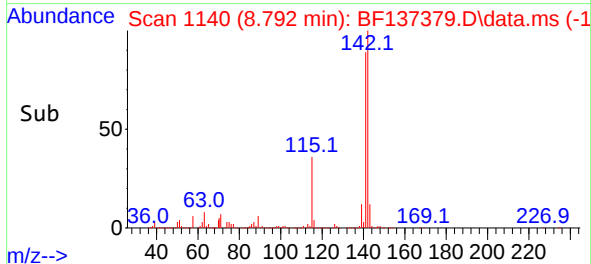
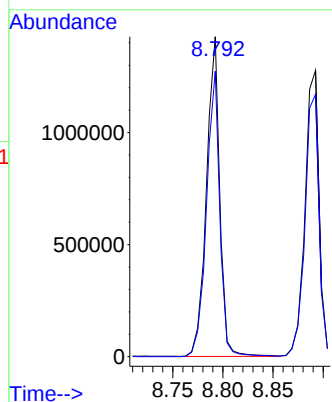
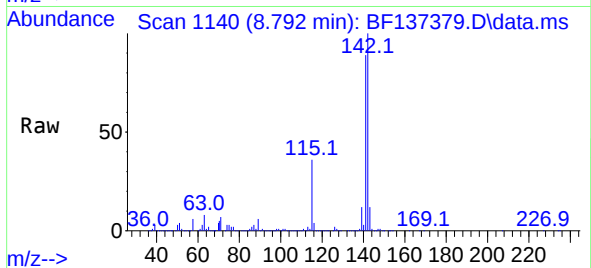
PB159110BS

Tgt Ion:142 Resp: 1321085
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5

Manual Integrations

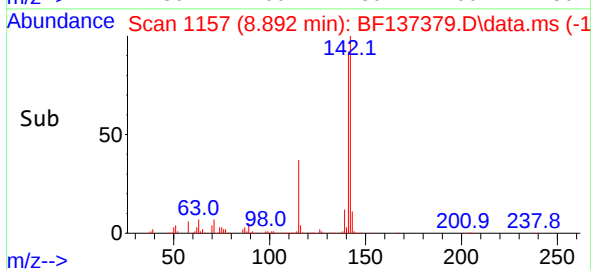
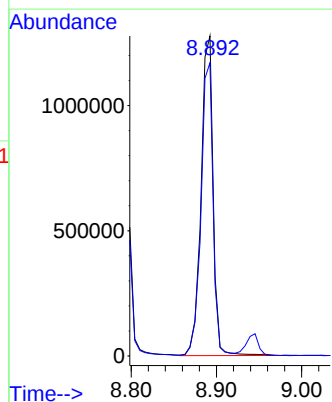
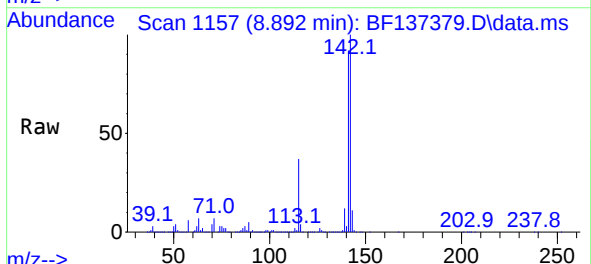
APPROVED

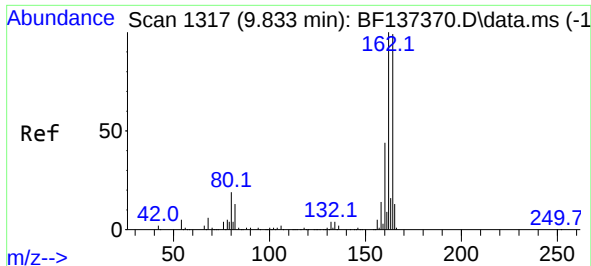
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#38
1-Methylnaphthalene
Concen: 42.713 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Tgt Ion:142 Resp: 1257268
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8





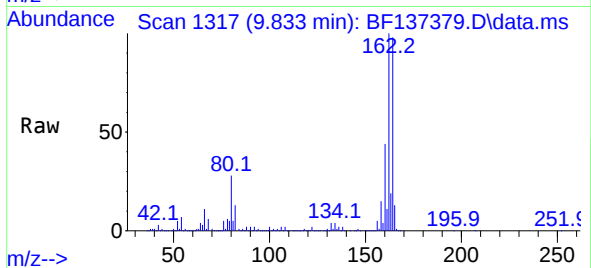
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

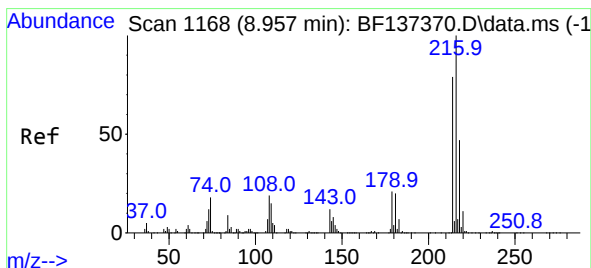
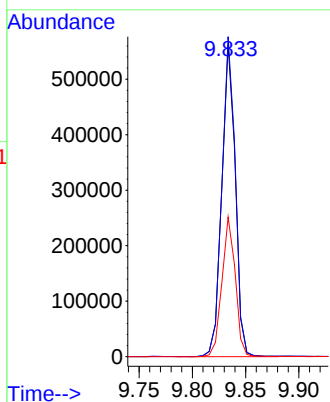
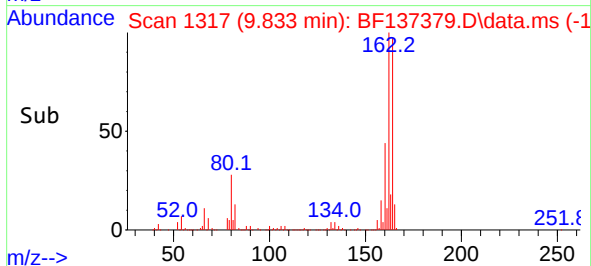


Tgt Ion:164 Resp: 49353
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 44.7 35.7 53.5

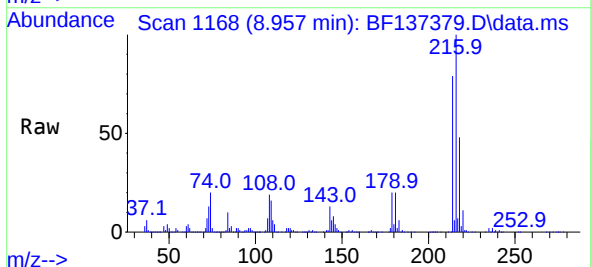
Manual Integrations

APPROVED

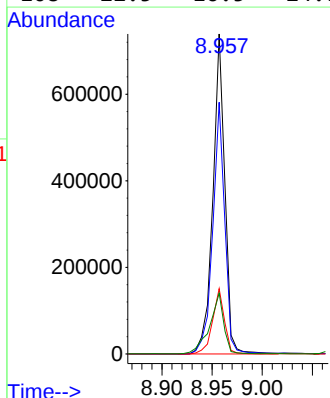
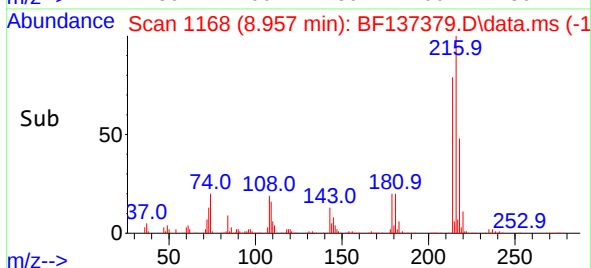
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

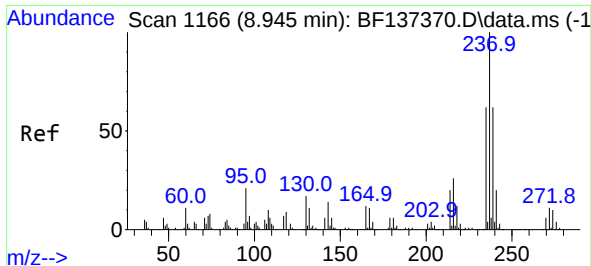


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.185 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:216 Resp: 614213
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 20.6 16.5 24.7
108 22.5 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 119.169 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

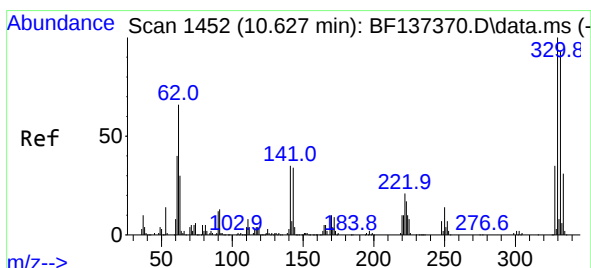
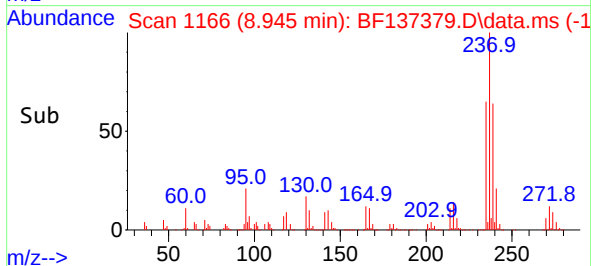
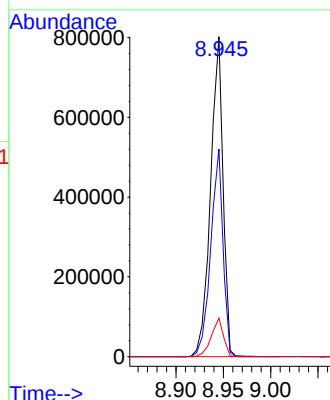
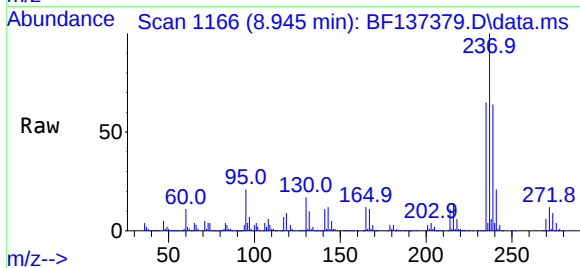
PB159110BS

Tgt Ion:237 Resp: 734448
Ion Ratio Lower Upper
237 100
235 64.9 42.0 82.0
272 12.1 0.0 31.3

Manual Integrations

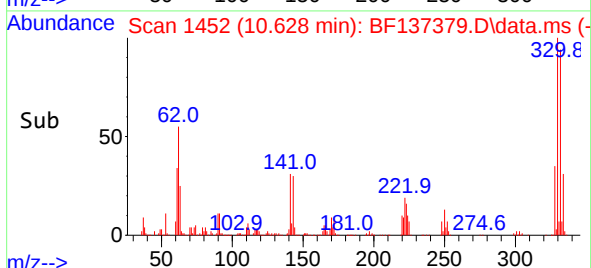
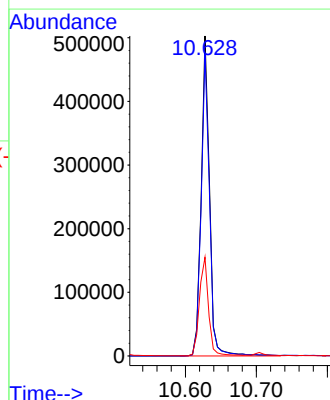
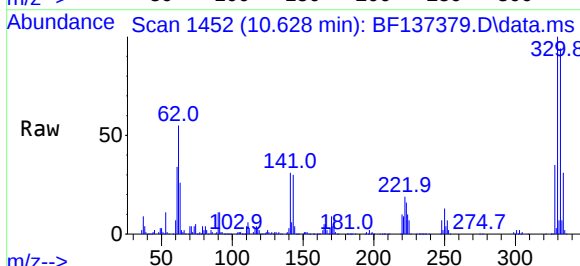
APPROVED

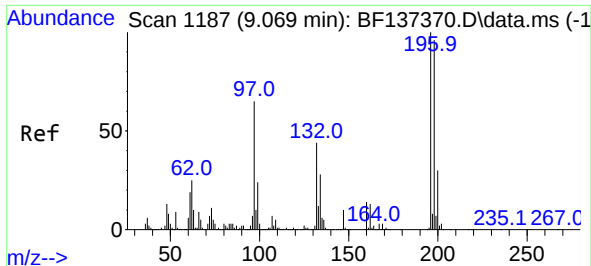
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#42
2,4,6-Tribromophenol
Concen: 96.040 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

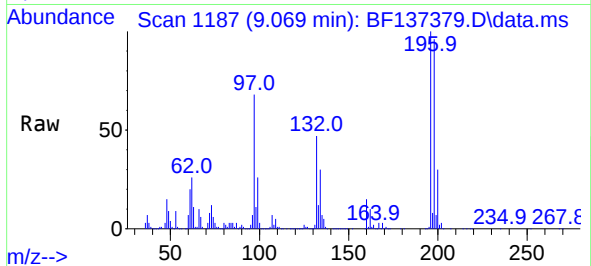
Tgt Ion:330 Resp: 412753
Ion Ratio Lower Upper
330 100
332 94.9 75.6 113.4
141 33.6 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 49.372 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

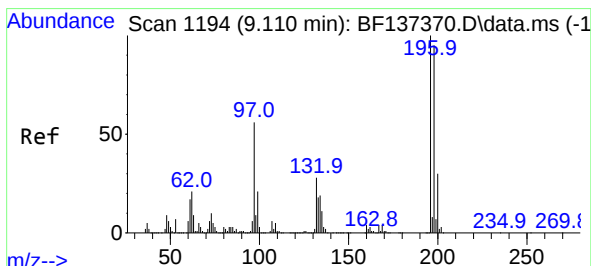
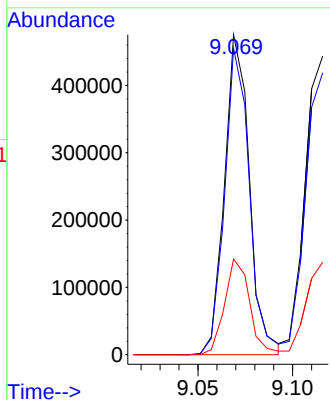
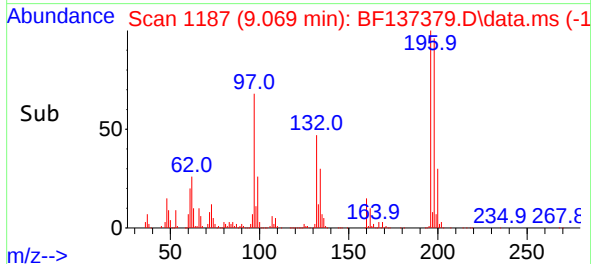
Instrument :
BNA_F
ClientSampleId :
PB159110BS



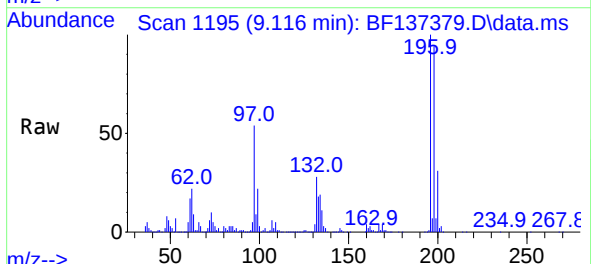
Tgt Ion:196 Resp: 435152
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.4
200 29.9 24.3 36.5

Manual Integrations
APPROVED

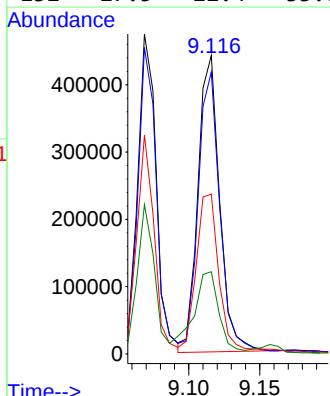
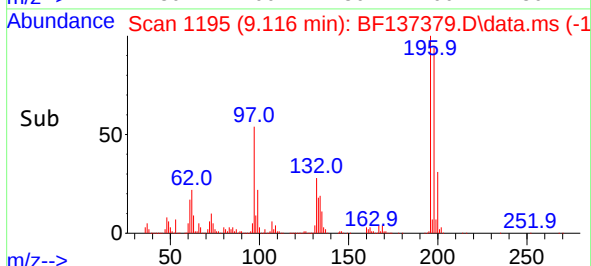
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

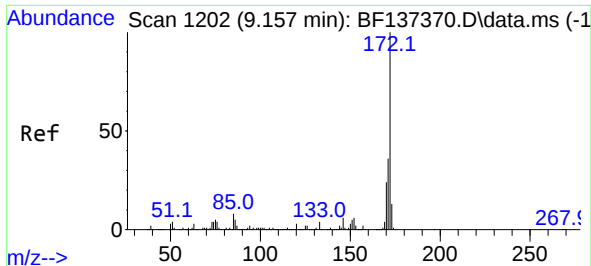


#44
2,4,5-Trichlorophenol
Concen: 46.281 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:196 Resp: 467969
Ion Ratio Lower Upper
196 100
198 94.4 75.6 113.4
97 53.6 44.6 66.8
132 27.5 22.4 33.6





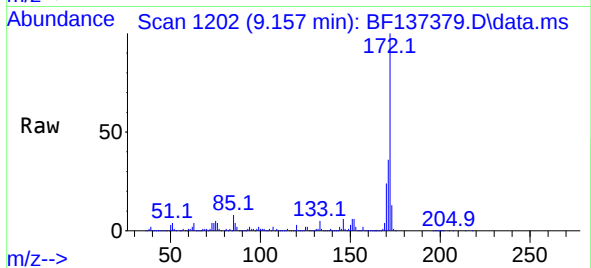
#45
2-Fluorobiphenyl
Concen: 84.563 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



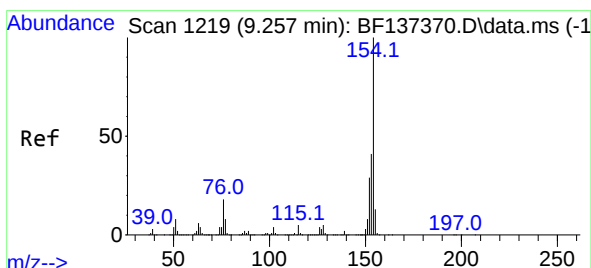
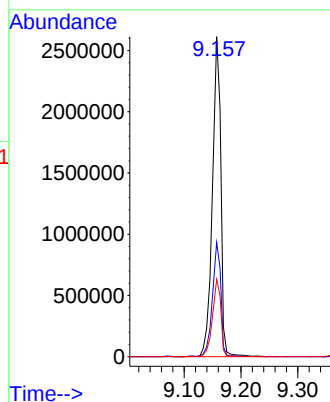
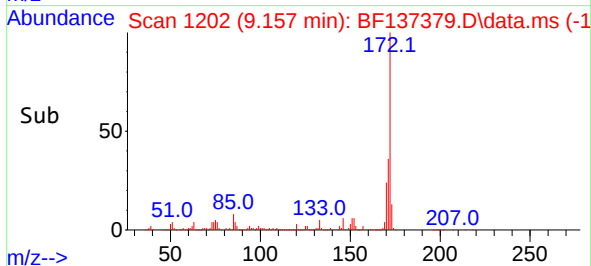
Tgt Ion:172 Resp: 2680740
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.2 19.5 29.3

Manual Integrations

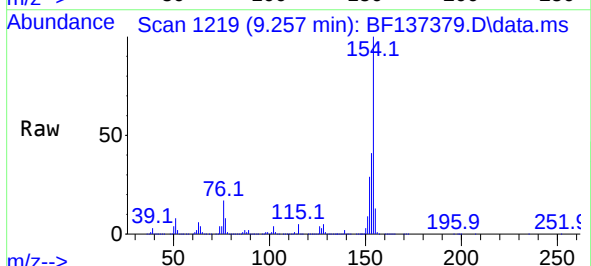
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

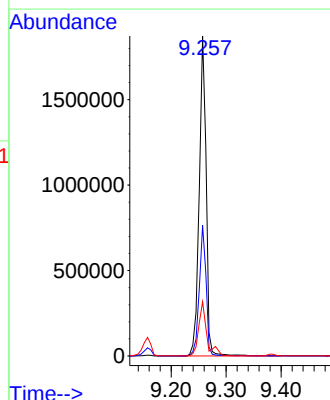
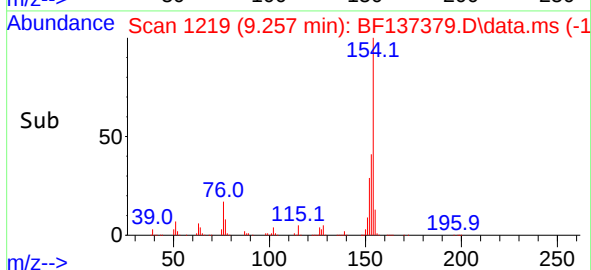
Supervised By :mohammad ahmed 02/27/2024

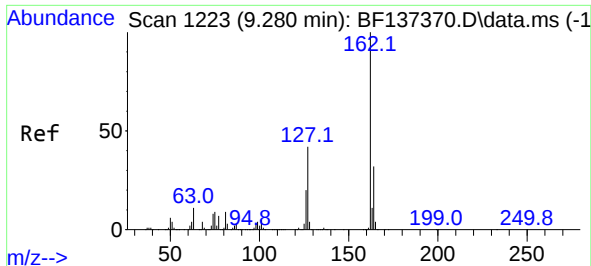


#46
1,1'-Biphenyl
Concen: 45.911 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:154 Resp: 1650325
Ion Ratio Lower Upper
154 100
153 40.8 21.2 61.2
76 17.0 0.0 37.9





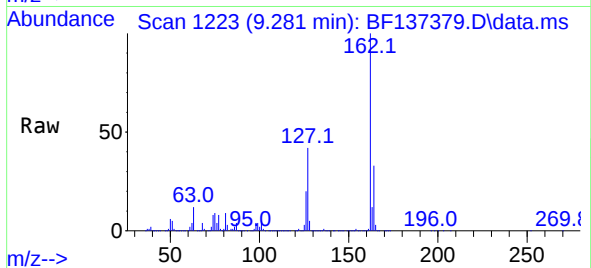
#47
2-Chloronaphthalene
Concen: 47.886 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



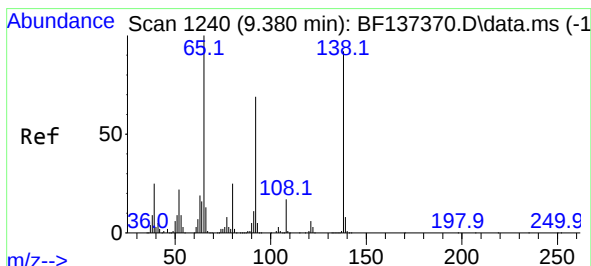
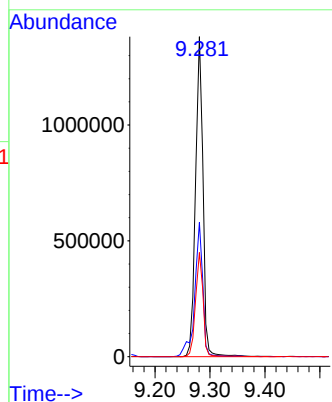
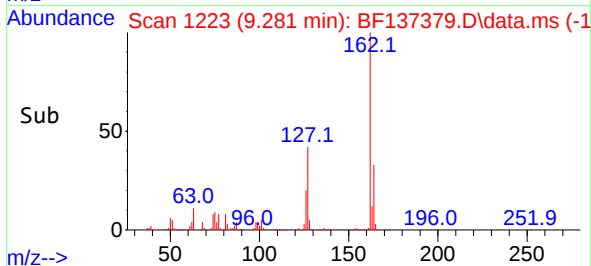
Tgt Ion:162 Resp: 1299929
Ion Ratio Lower Upper
162 100
127 42.0 33.6 50.4
164 32.5 25.9 38.9

Manual Integrations

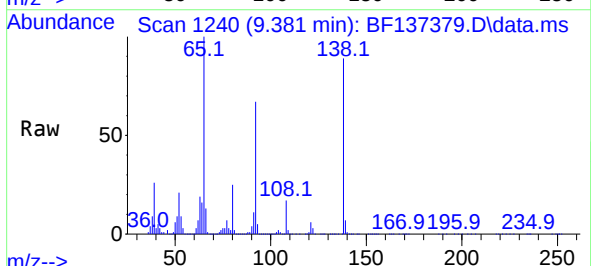
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

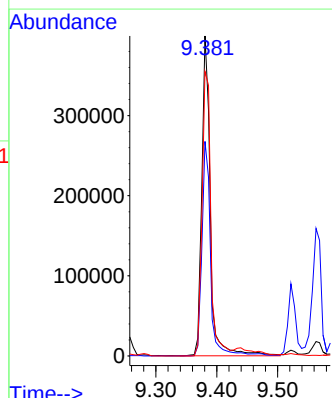
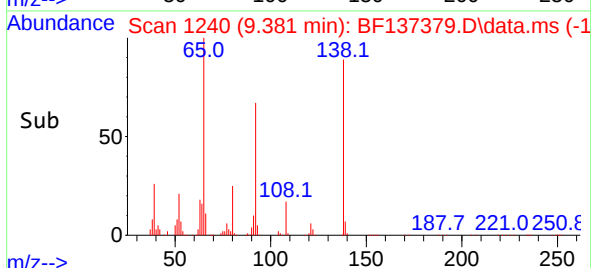
Supervised By :mohammad ahmed 02/27/2024

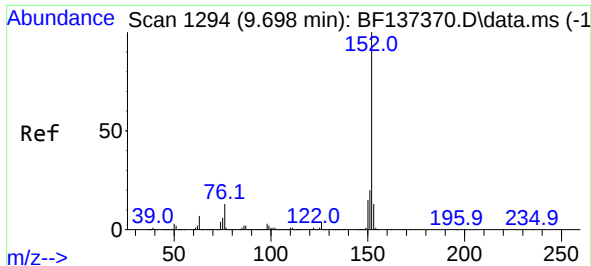


#48
2-Nitroaniline
Concen: 47.092 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.001 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion: 65 Resp: 387540
Ion Ratio Lower Upper
65 100
92 67.1 55.0 82.6
138 88.9 73.7 110.5





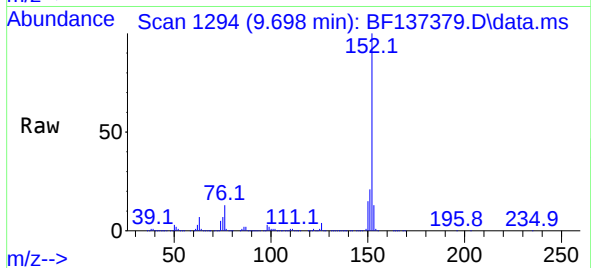
#49
Acenaphthylene
Concen: 46.070 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

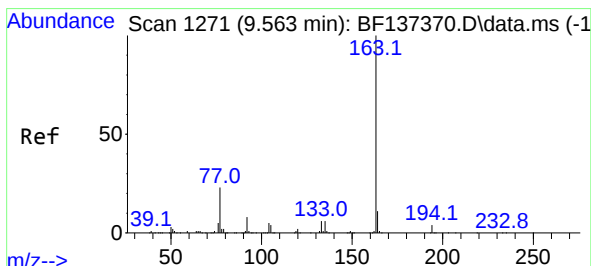
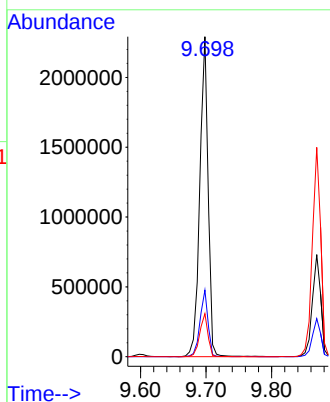
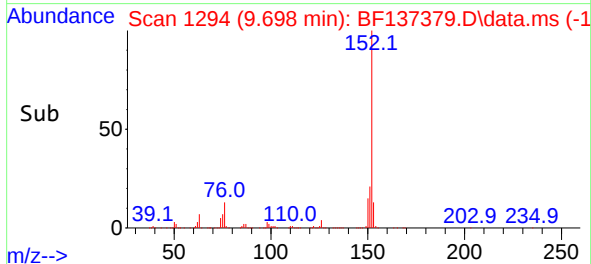


Tgt Ion:152 Resp: 203190
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.4 10.6 15.8

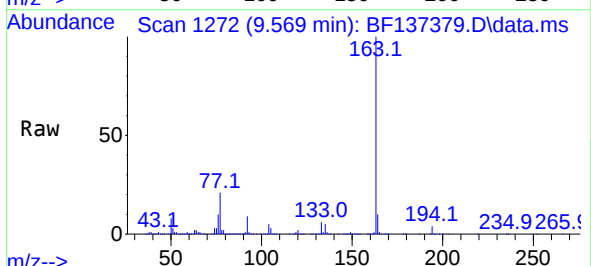
Manual Integrations

APPROVED

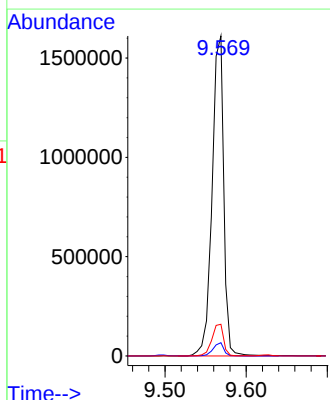
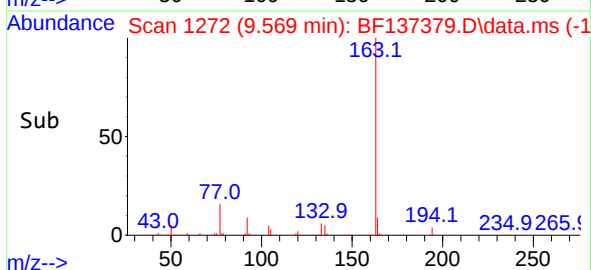
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

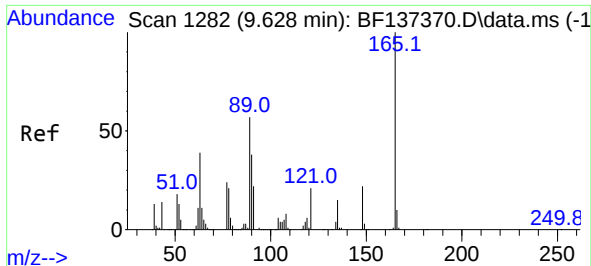


#50
Dimethylphthalate
Concen: 46.916 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:163 Resp: 1599982
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.9 8.5 12.7





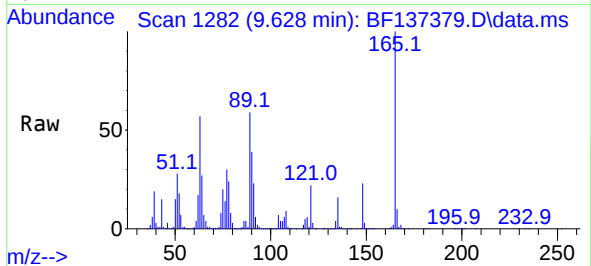
#51
2,6-Dinitrotoluene
Concen: 51.751 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

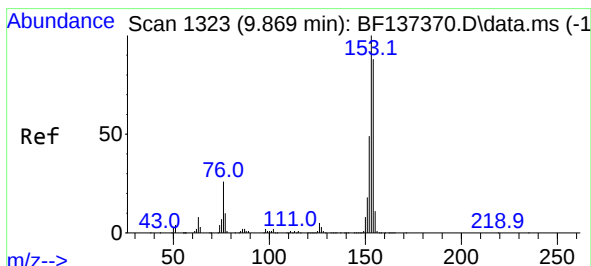
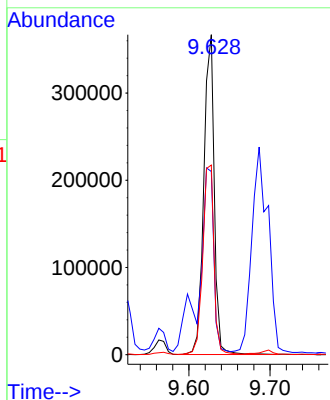
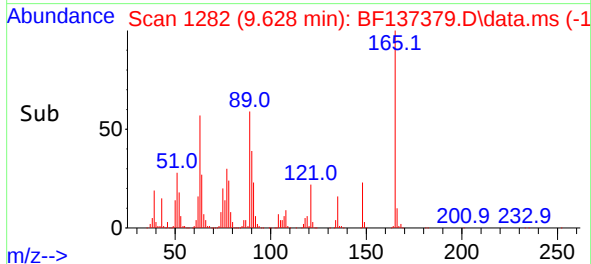


Tgt Ion:165 Resp: 328333
Ion Ratio Lower Upper
165 100
63 57.2 41.6 62.4
89 59.2 45.8 68.6

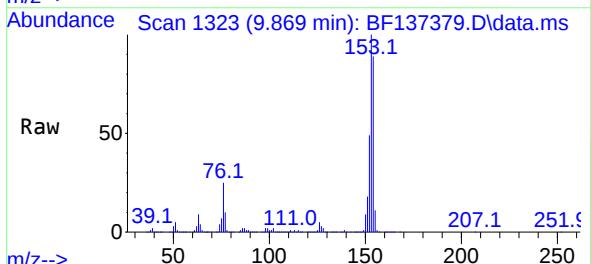
Manual Integrations

APPROVED

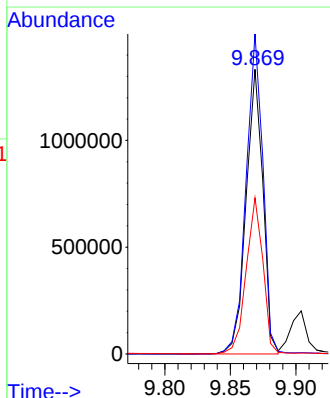
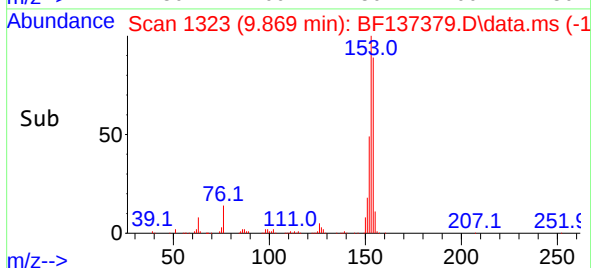
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

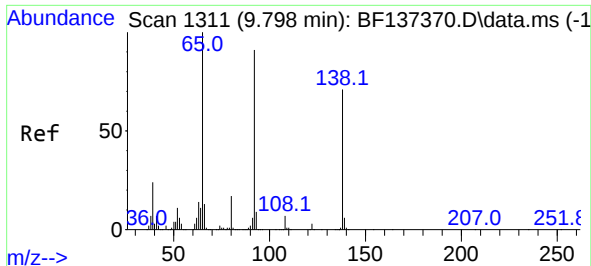


#52
Acenaphthene
Concen: 45.144 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:154 Resp: 1188538
Ion Ratio Lower Upper
154 100
153 112.4 90.6 135.8
152 54.9 44.1 66.1





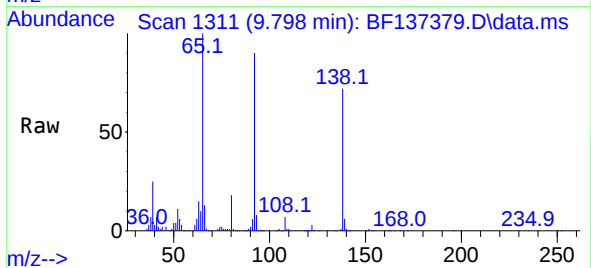
#53
3-Nitroaniline
Concen: 32.144 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



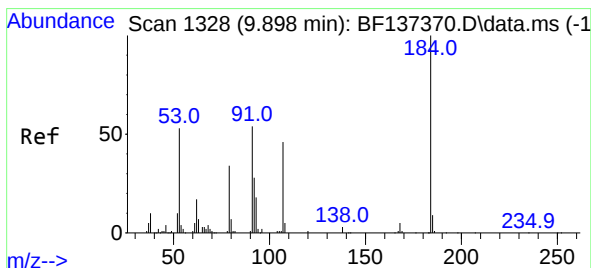
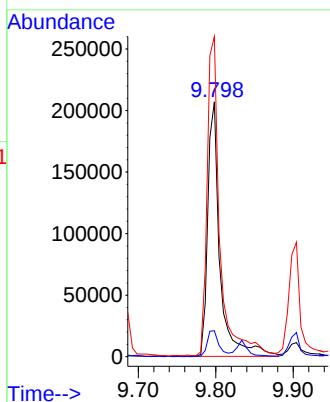
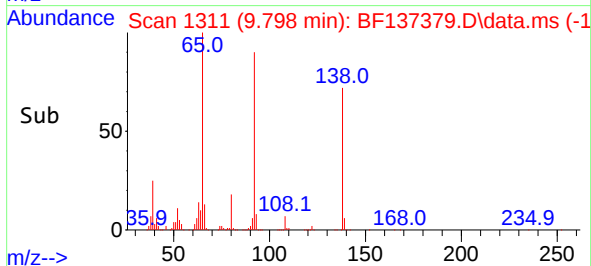
Tgt Ion:138 Resp: 22708
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 125.5 102.2 153.2

Manual Integrations

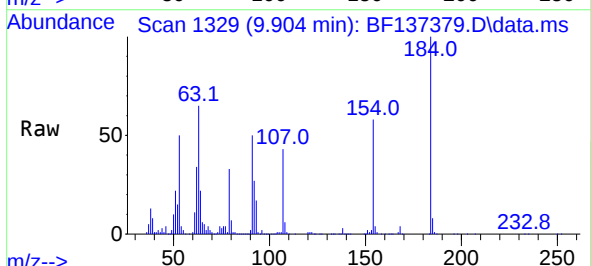
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

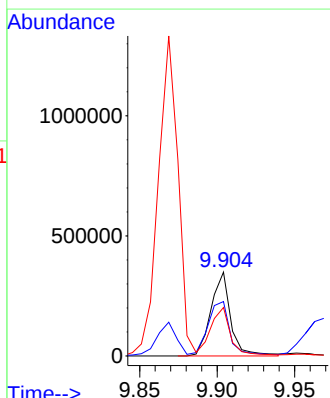
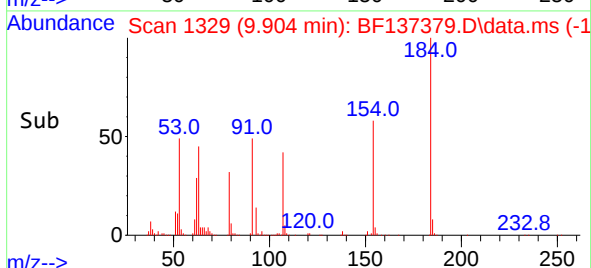
Supervised By :mohammad ahmed 02/27/2024

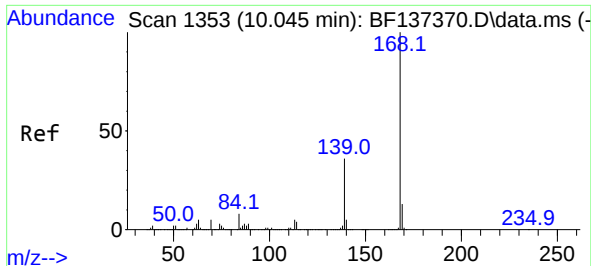


#54
2,4-Dinitrophenol
Concen: 96.669 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:184 Resp: 308840
Ion Ratio Lower Upper
184 100
63 64.8 55.9 83.9
154 57.8 47.6 71.4





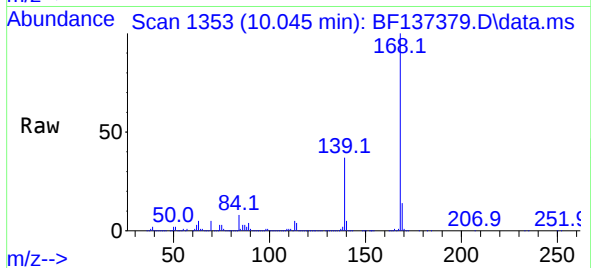
#55
Dibenzenofuran
Concen: 45.100 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



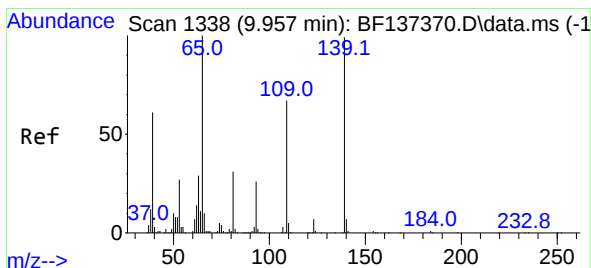
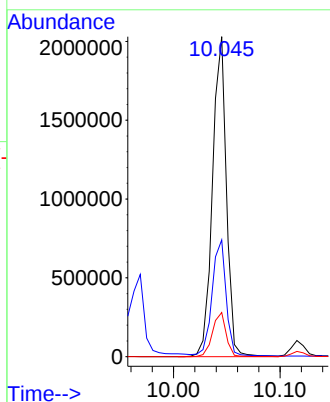
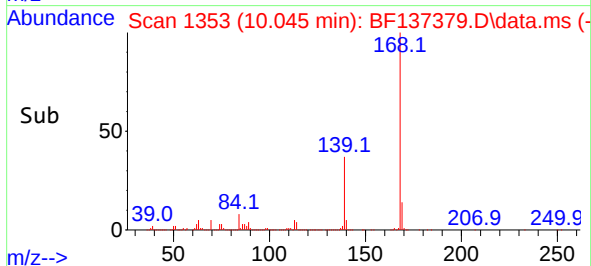
Tgt Ion:168 Resp: 183516
Ion Ratio Lower Upper
168 100
139 36.5 28.9 43.3
169 13.8 10.8 16.2

Manual Integrations

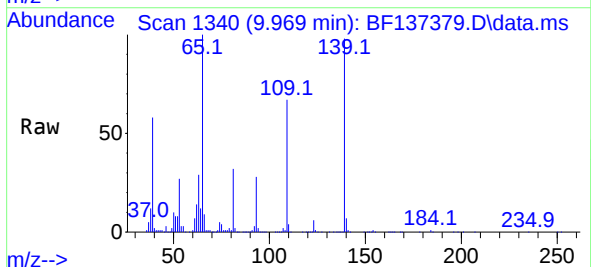
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

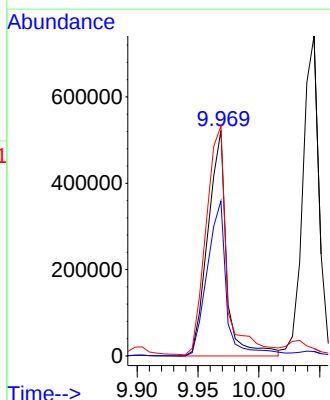
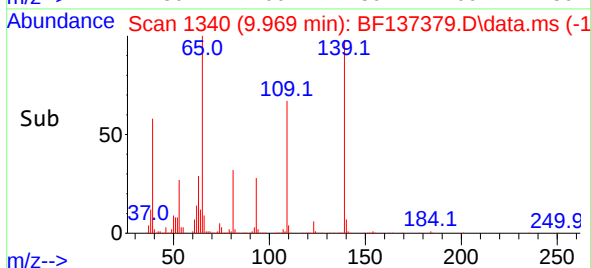
Supervised By :mohammad ahmed 02/27/2024

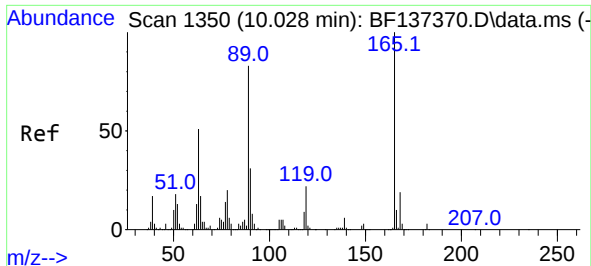


#56
4-Nitrophenol
Concen: 102.012 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:139 Resp: 555814
Ion Ratio Lower Upper
139 100
109 68.8 48.0 88.0
65 102.2 82.2 122.2





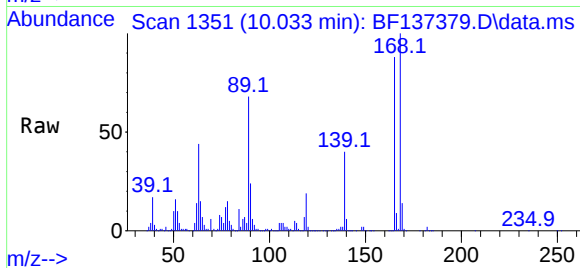
#57
2,4-Dinitrotoluene
Concen: 50.776 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

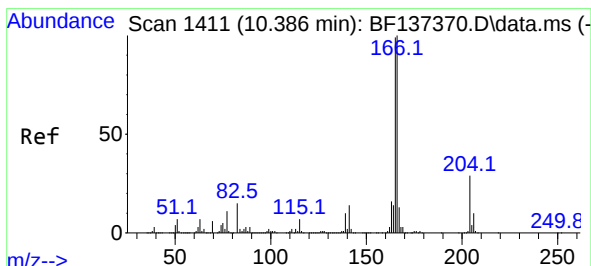
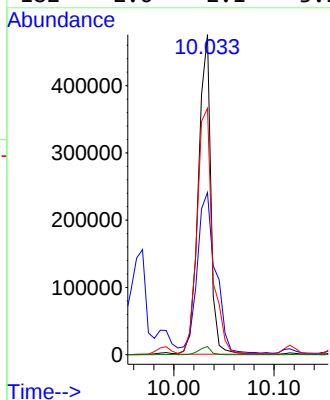
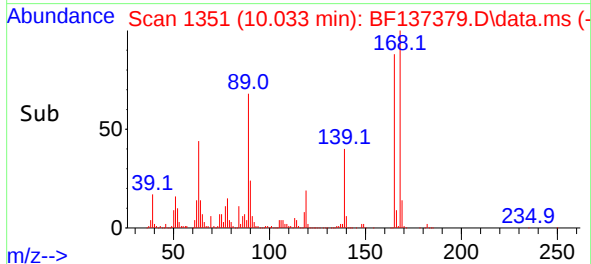


Tgt Ion:165 Resp: 407788
Ion Ratio Lower Upper
165 100
63 50.6 41.1 61.7
89 77.0 66.6 100.0
182 2.6 2.1 3.1

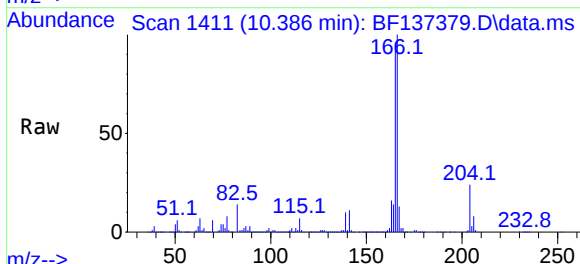
Manual Integrations

APPROVED

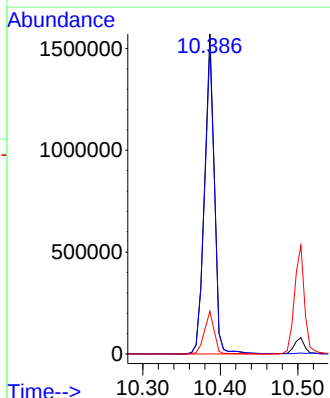
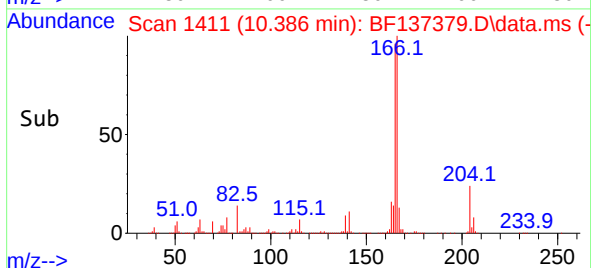
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

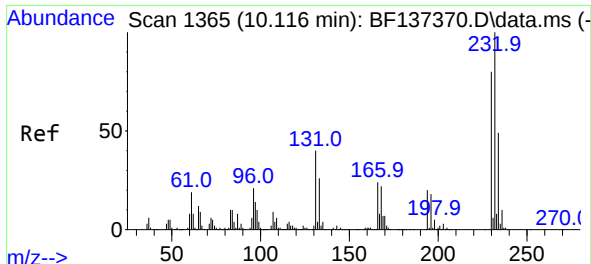


#58
Fluorene
Concen: 44.495 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



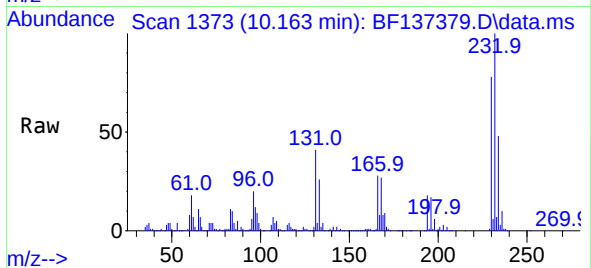
Tgt Ion:166 Resp: 1382689
Ion Ratio Lower Upper
166 100
165 96.4 78.8 118.2
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.730 ng m
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

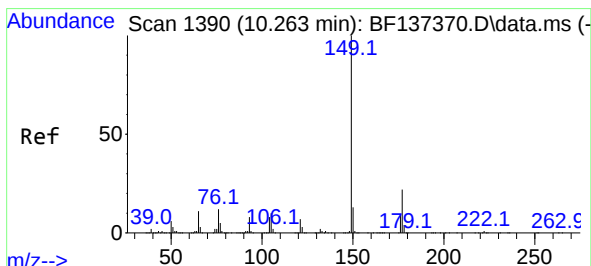
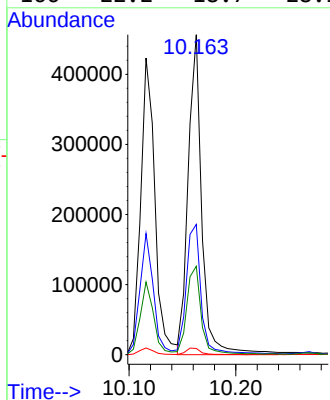
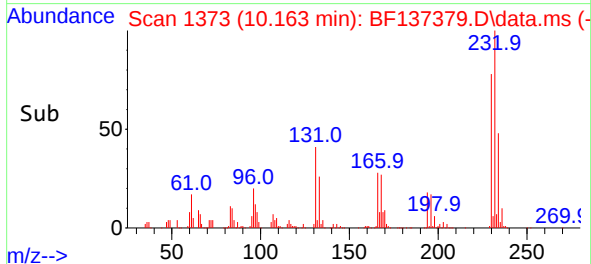
Instrument :
BNA_F
ClientSampleId :
PB159110BS



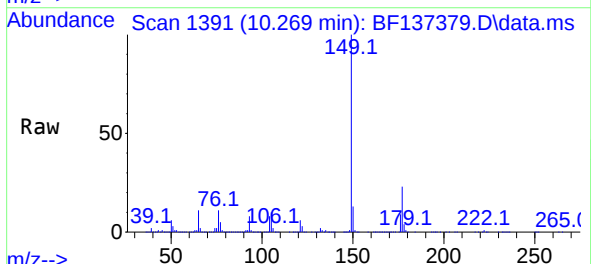
Tgt Ion:232 Resp: 408034
Ion Ratio Lower Upper
232 100
131 37.3 31.1 46.7
130 2.2 1.8 2.6
166 22.2 18.7 28.1

Manual Integrations
APPROVED

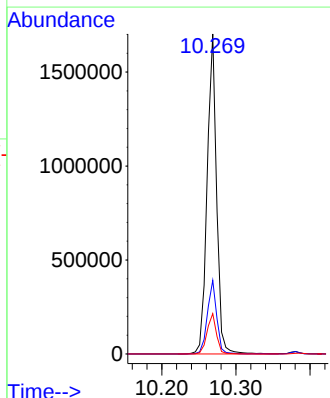
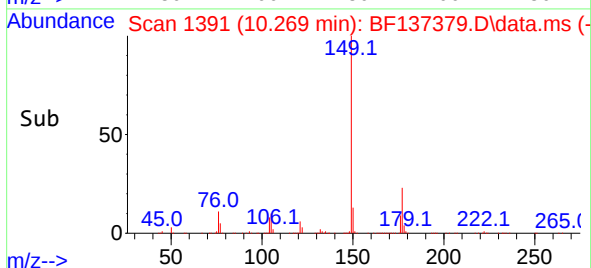
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

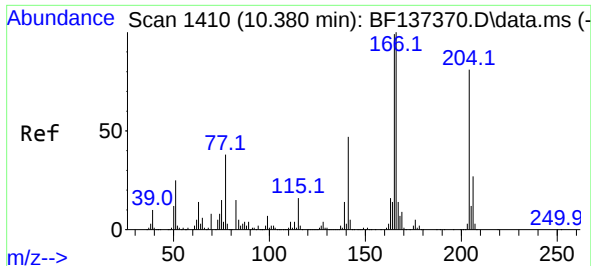


#60
Diethylphthalate
Concen: 47.555 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



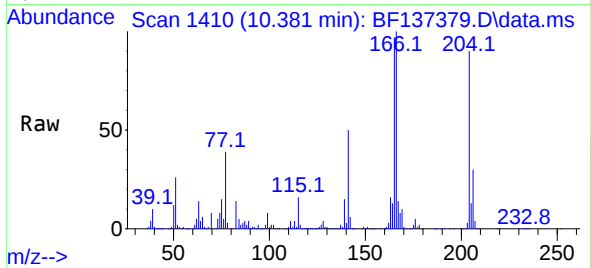
Tgt Ion:149 Resp: 1514144
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.797 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

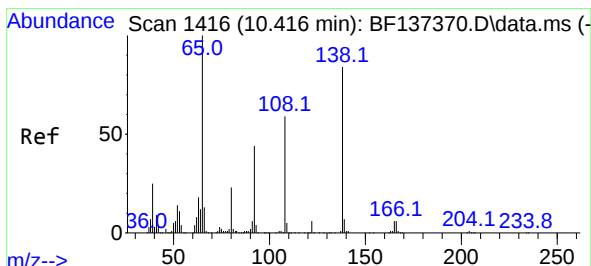
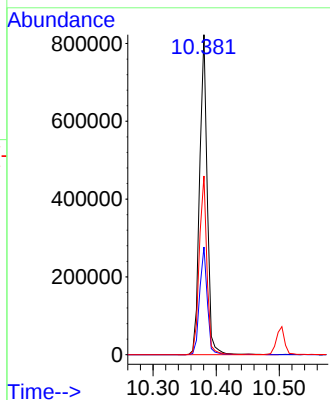
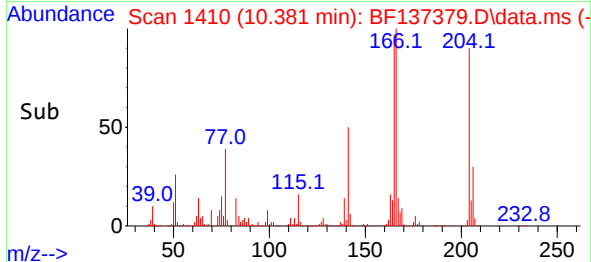
Instrument :
BNA_F
ClientSampleId :
PB159110BS



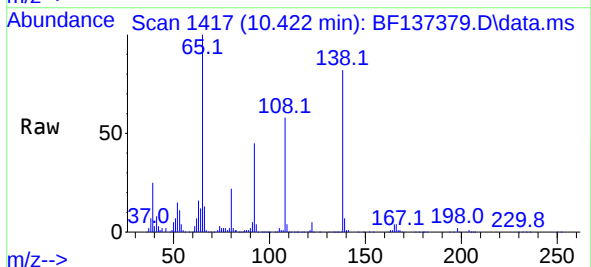
Tgt Ion:204 Resp: 68478
Ion Ratio Lower Upper
204 100
206 33.7 26.8 40.2
141 55.8 46.4 69.6

Manual Integrations
APPROVED

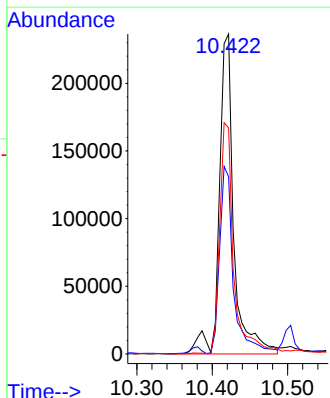
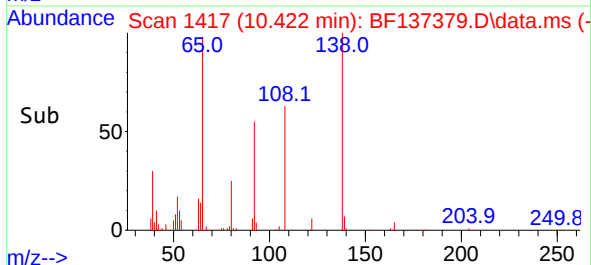
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

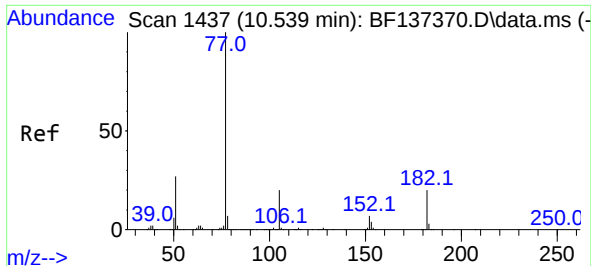


#62
4-Nitroaniline
Concen: 47.570 ng m
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:138 Resp: 317409
Ion Ratio Lower Upper
138 100
92 55.4 33.4 73.4
108 70.7 50.4 90.4





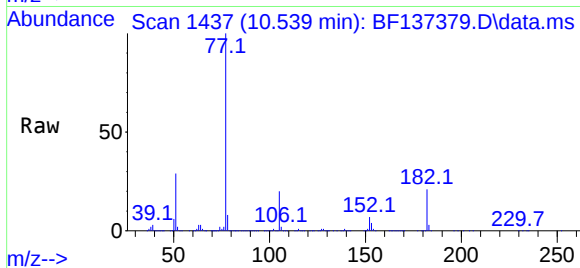
#63
Azobenzene
Concen: 45.673 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



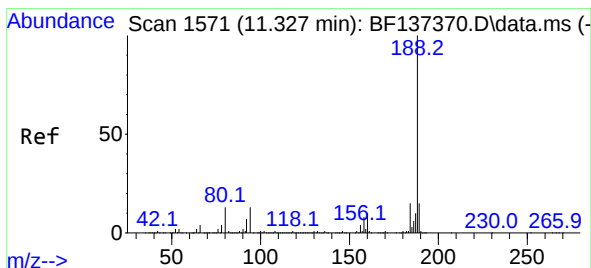
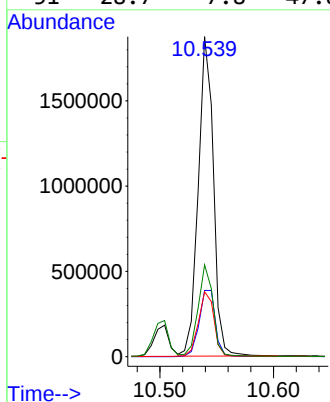
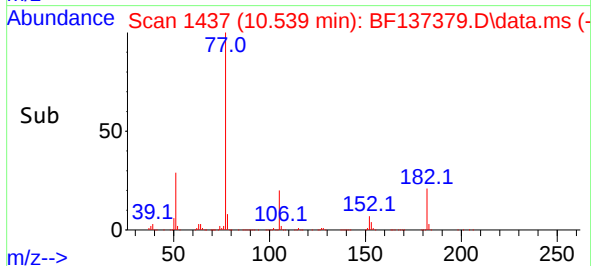
Tgt Ion: 77 Resp: 1739904
Ion Ratio Lower Upper
77 100
182 20.7 0.0 39.6
105 20.3 0.4 40.4
51 28.7 7.8 47.8

Manual Integrations

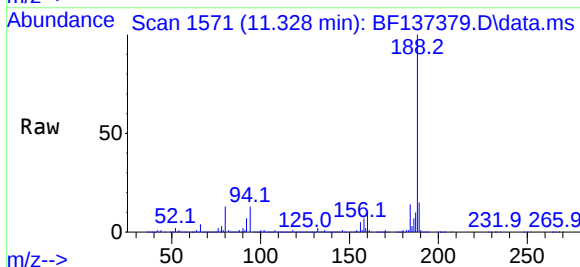
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

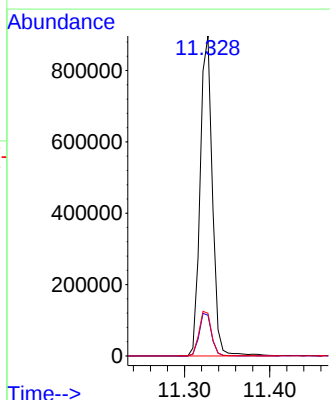
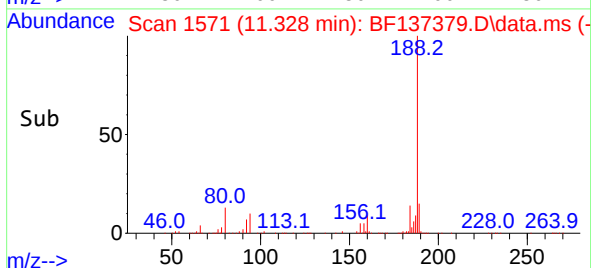
Supervised By :mohammad ahmed 02/27/2024

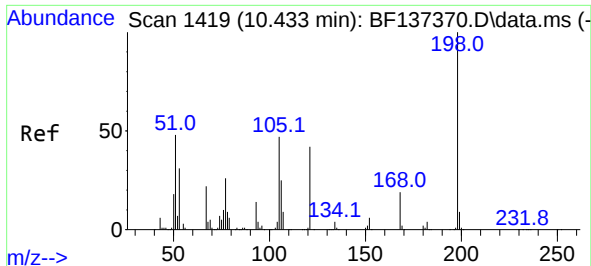


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:188 Resp: 894932
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 13.3 10.7 16.1





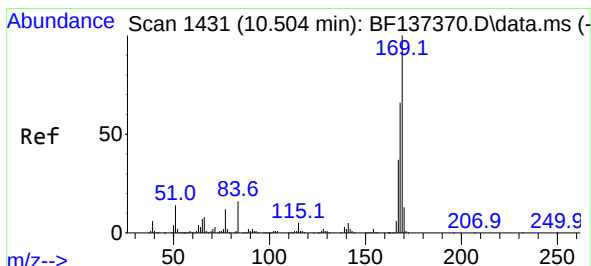
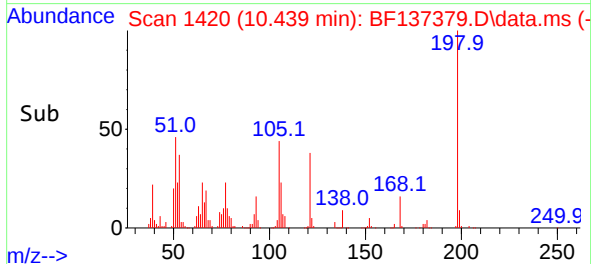
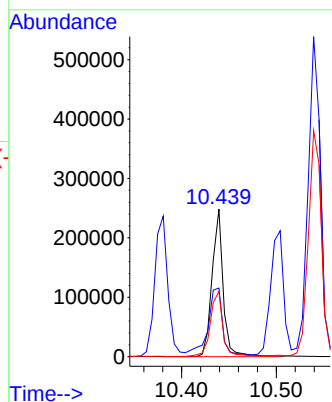
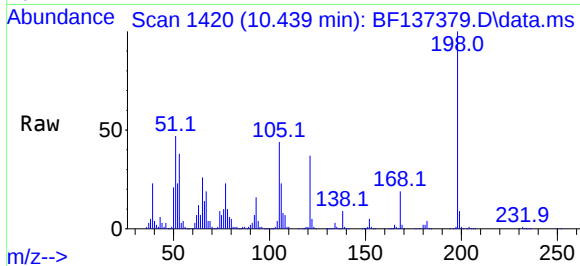
#65
4,6-Dinitro-2-methylphenol
Concen: 46.450 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :
BNA_F
ClientSampleId :
PB159110BS

Tgt Ion:198 Resp: 20256
Ion Ratio Lower Upper
198 100
51 46.5 36.8 76.8
105 44.2 28.5 68.5

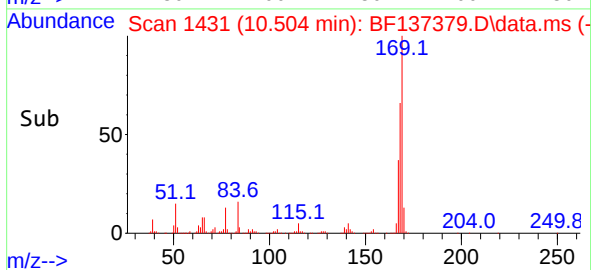
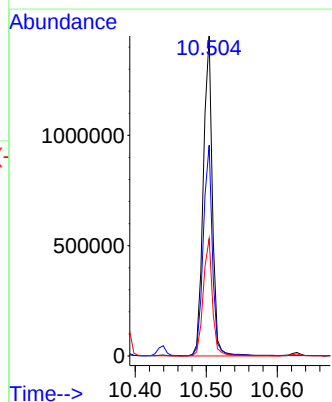
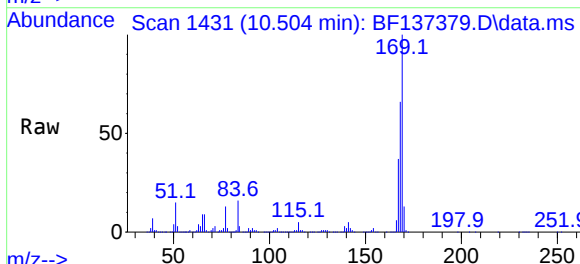
Manual Integrations
APPROVED

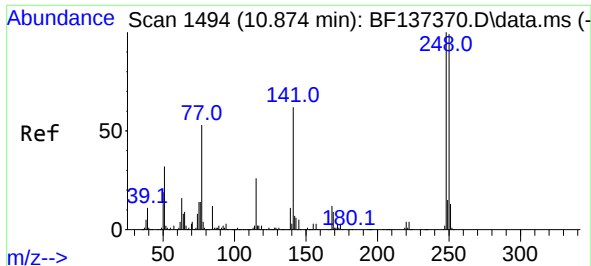
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#66
n-Nitrosodiphenylamine
Concen: 44.604 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

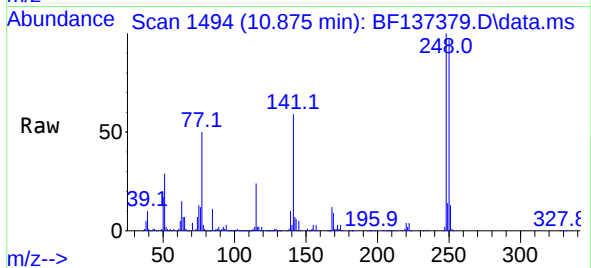
Tgt Ion:169 Resp: 1296403
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.4
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.862 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

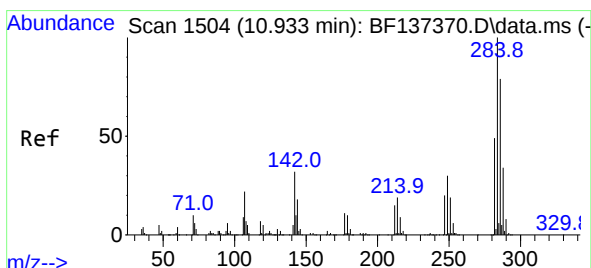
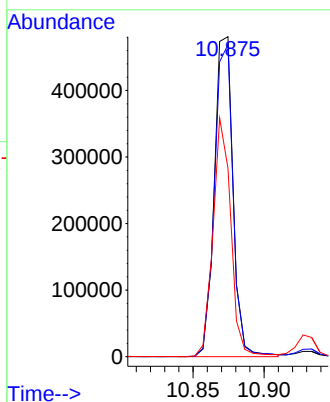
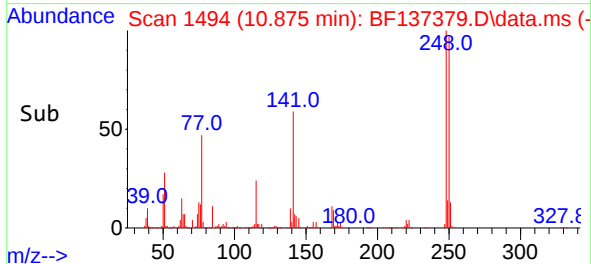
Instrument :
BNA_F
ClientSampleId :
PB159110BS



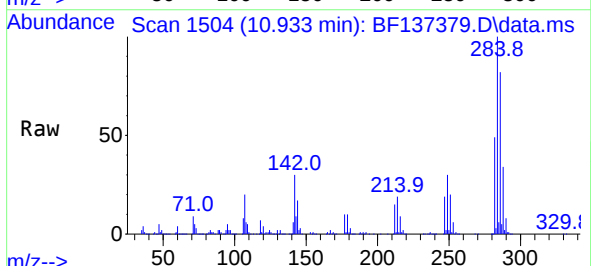
Tgt Ion:248 Resp: 441234
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.6
141 58.9 49.9 74.9

Manual Integrations
APPROVED

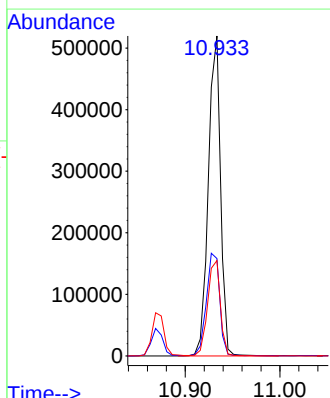
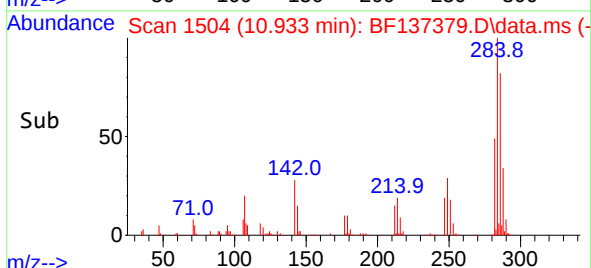
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

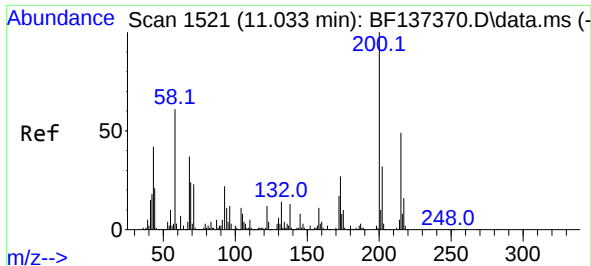


#68
Hexachlorobenzene
Concen: 46.781 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:284 Resp: 465591
Ion Ratio Lower Upper
284 100
142 30.4 25.4 38.0
249 29.8 24.2 36.4





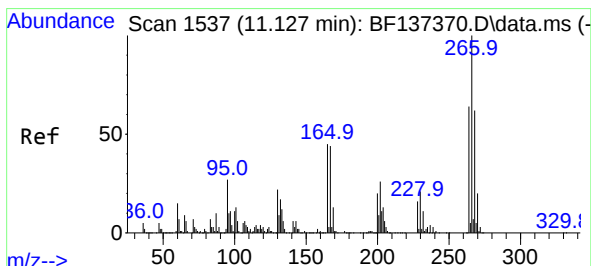
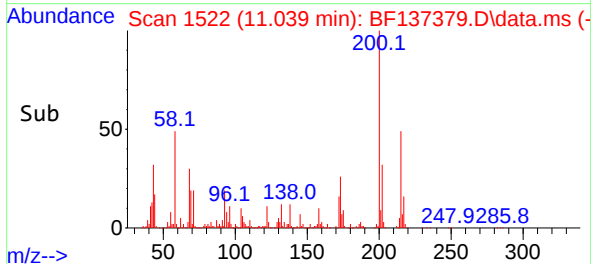
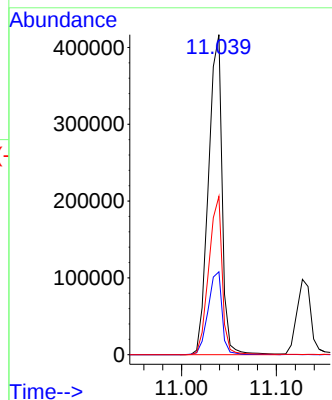
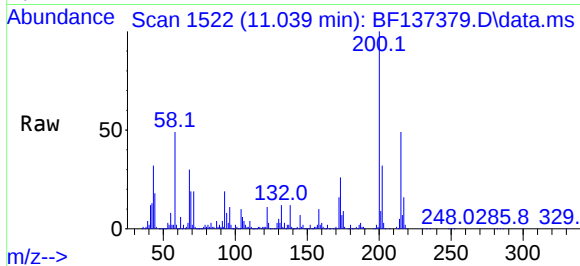
#69
Atrazine
Concen: 53.038 ng
RT: 11.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :
BNA_F
ClientSampleId :
PB159110BS

Tgt Ion:200 Resp: 416014
Ion Ratio Lower Upper
200 100
173 25.9 6.8 46.8
215 49.4 29.4 69.4

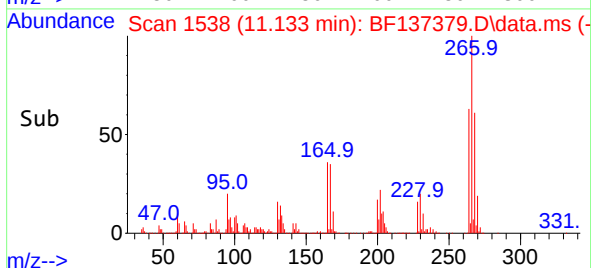
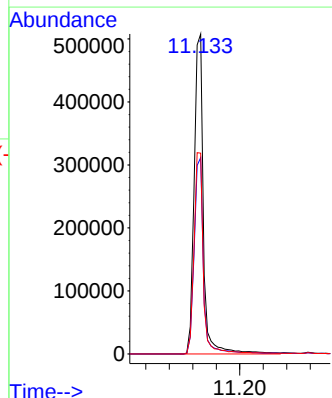
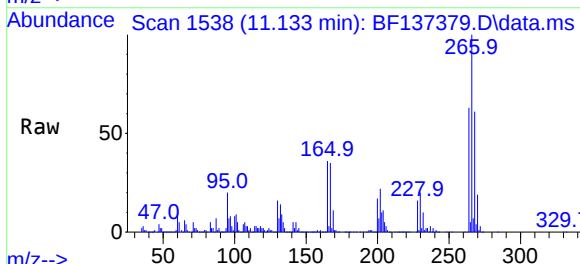
Manual Integrations
APPROVED

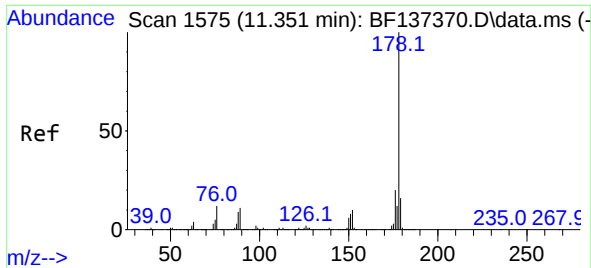
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#70
Pentachlorophenol
Concen: 87.639 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

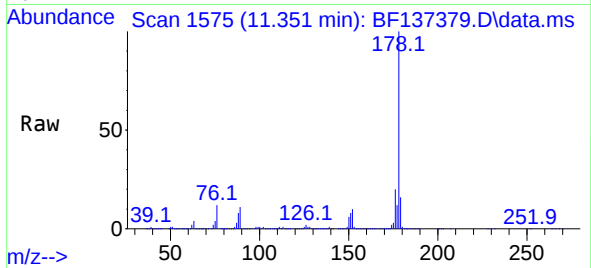
Tgt Ion:266 Resp: 552622
Ion Ratio Lower Upper
266 100
268 61.3 49.4 74.2
264 62.8 51.3 76.9





#71
Phenanthrene
Concen: 43.915 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

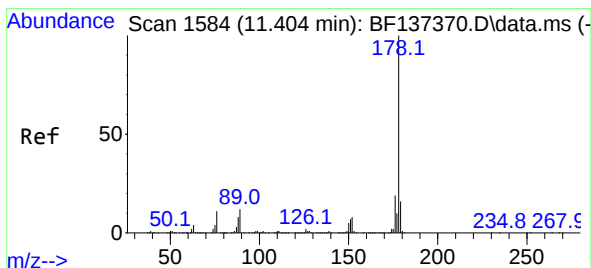
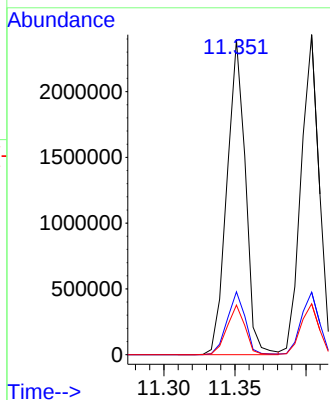
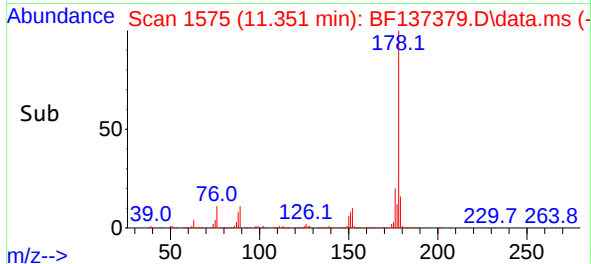
Instrument :
BNA_F
ClientSampleId :
PB159110BS



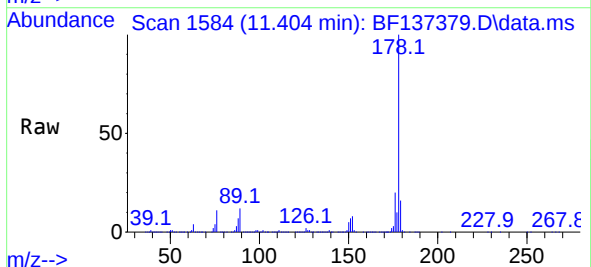
Tgt Ion:178 Resp: 2168284
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.8 12.7 19.1

Manual Integrations
APPROVED

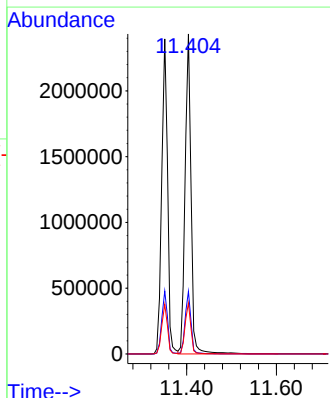
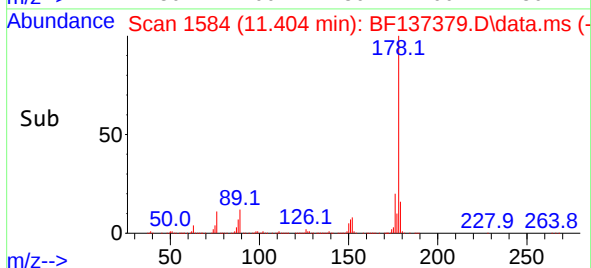
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

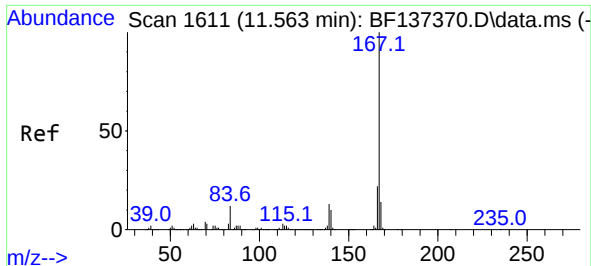


#72
Anthracene
Concen: 43.965 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:178 Resp: 2237074
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 45.462 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF137379.D
 Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

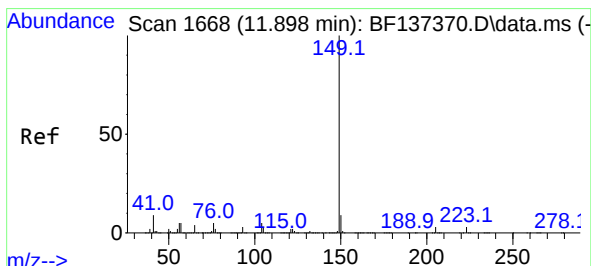
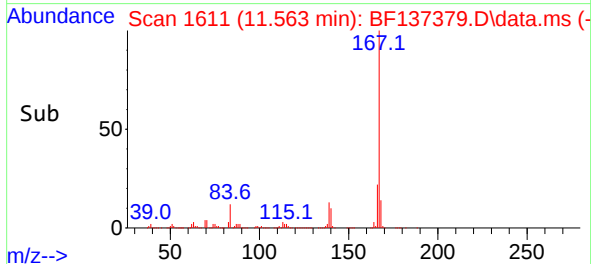
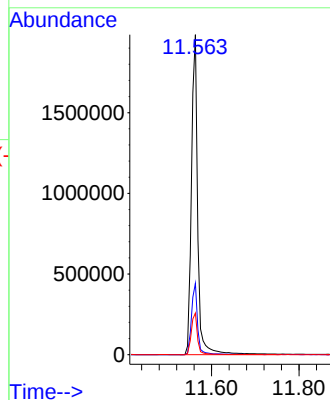
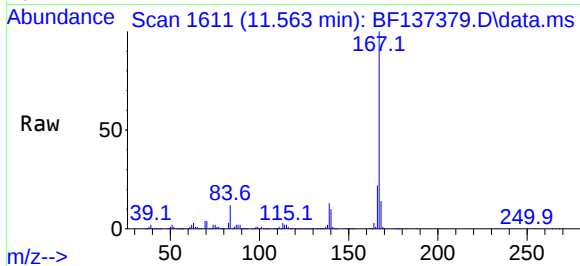
PB159110BS

Tgt Ion:167 Resp: 197644
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.0 10.0 15.0

Manual Integrations

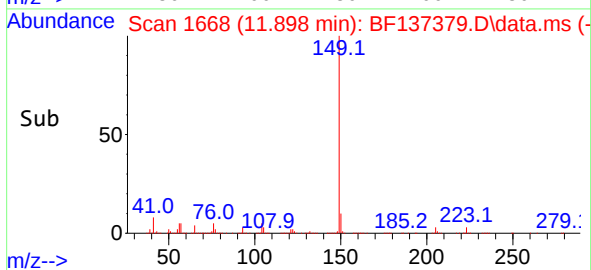
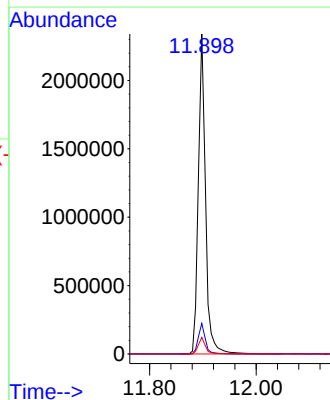
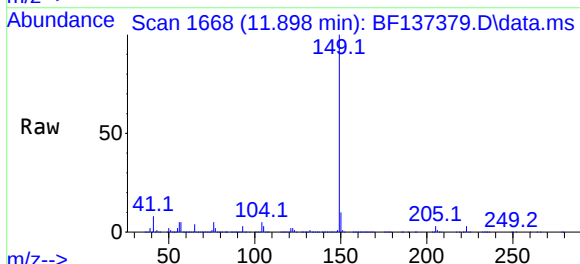
APPROVED

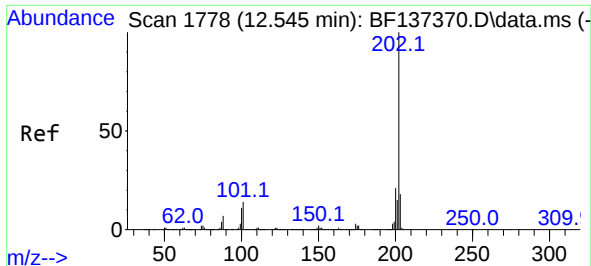
Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024



#74
 Di-n-butylphthalate
 Concen: 50.663 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.000 min
 Lab File: BF137379.D
 Acq: 26 Feb 2024 11:49

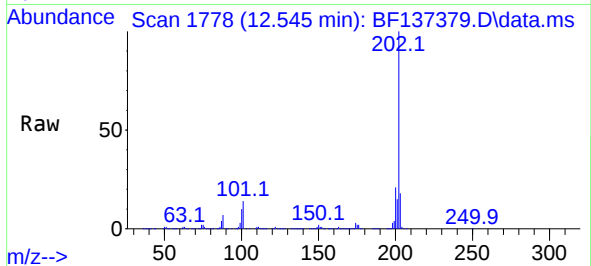
Tgt Ion:149 Resp: 2203891
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 44.436 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

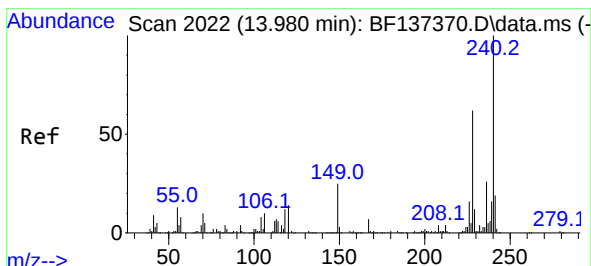
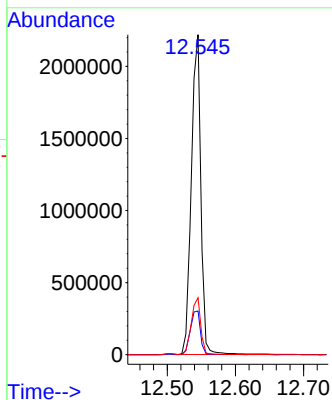
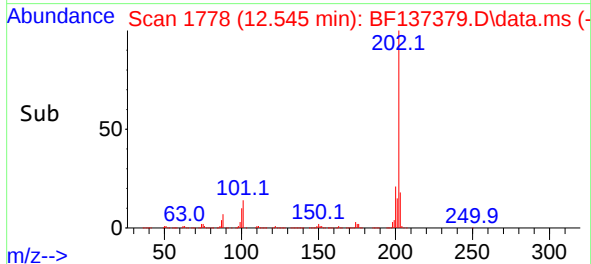
Instrument :
BNA_F
ClientSampleId :
PB159110BS



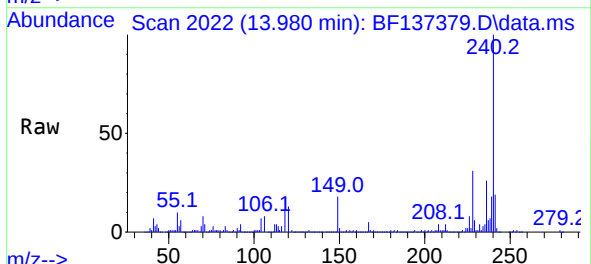
Tgt Ion:202 Resp: 2141610
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.9
203 17.8 0.0 37.8

Manual Integrations
APPROVED

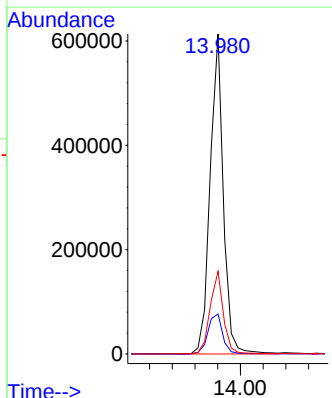
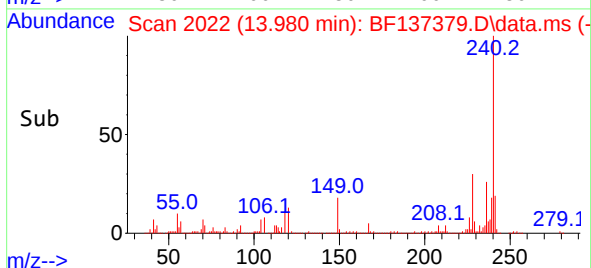
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

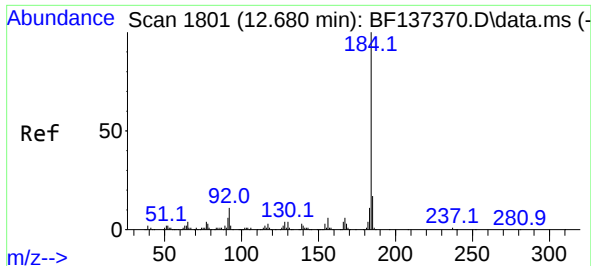


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:240 Resp: 493612
Ion Ratio Lower Upper
240 100
120 12.5 11.3 16.9
236 25.9 20.5 30.7





#77
Benzidine
Concen: 32.281 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

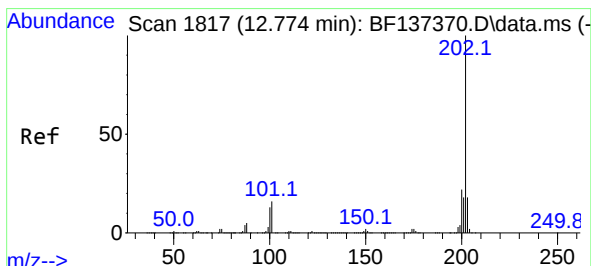
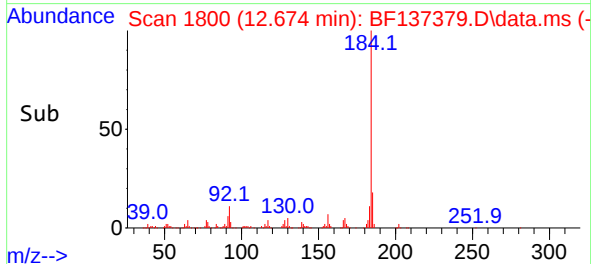
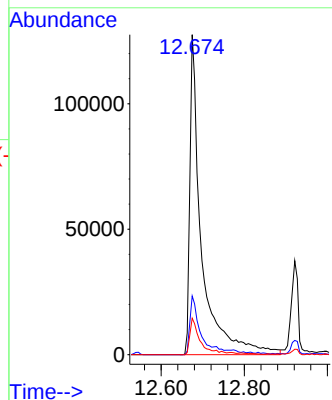
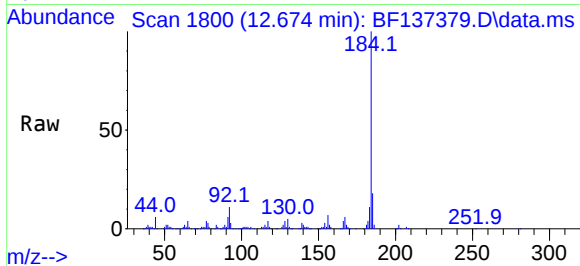
PB159110BS

Tgt Ion:184 Resp: 249700
Ion Ratio Lower Upper
184 100
185 18.3 13.7 20.5
183 11.4 8.8 13.2

Manual Integrations

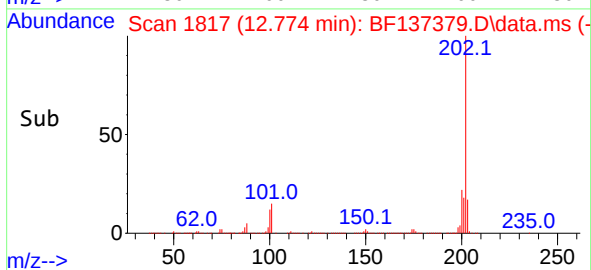
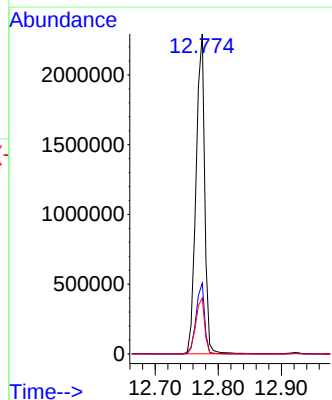
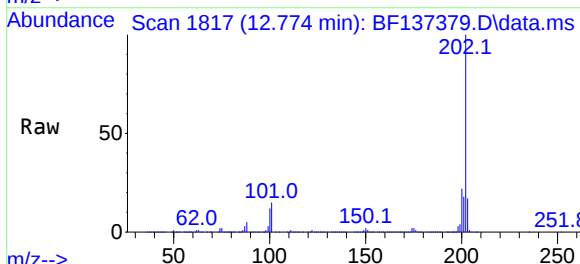
APPROVED

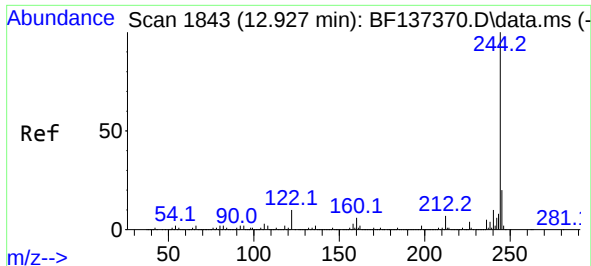
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#78
Pyrene
Concen: 46.696 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Tgt Ion:202 Resp: 2179507
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.5 14.2 21.2





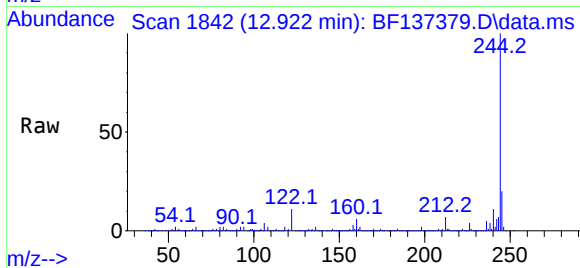
#79
 Terphenyl-d14
 Concen: 90.156 ng
 RT: 12.922 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137379.D
 Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



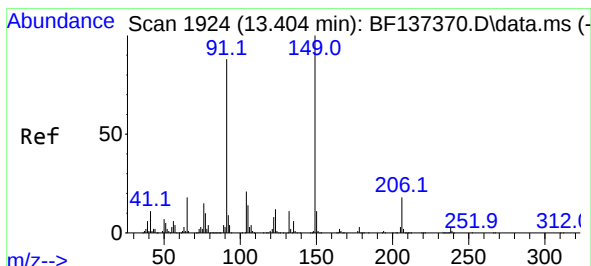
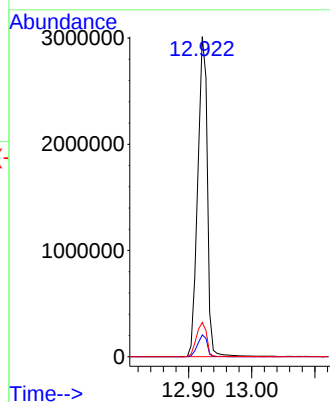
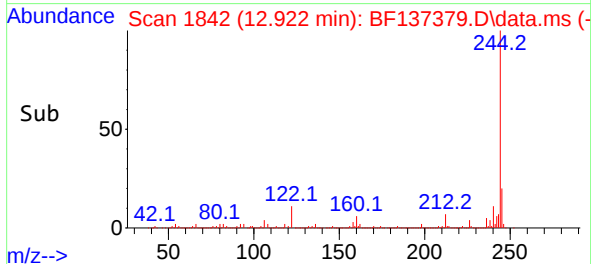
Tgt Ion:244 Resp: 318172
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 10.7 8.2 12.4

Manual Integrations

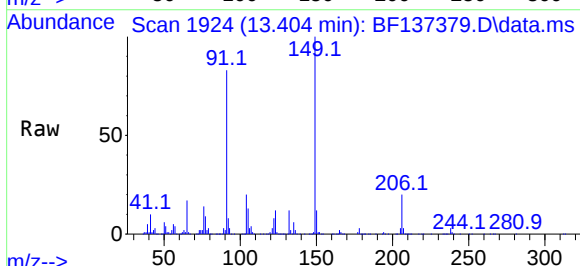
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

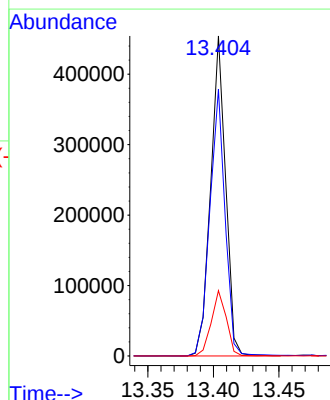
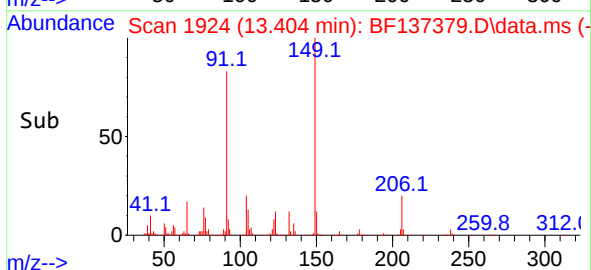
Supervised By :mohammad ahmed 02/27/2024

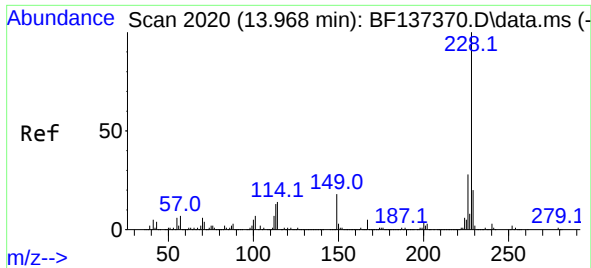


#80
 Butylbenzylphthalate
 Concen: 51.486 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137379.D
 Acq: 26 Feb 2024 11:49



Tgt Ion:149 Resp: 362122
 Ion Ratio Lower Upper
 149 100
 91 83.3 70.5 105.7
 206 20.4 14.8 22.2





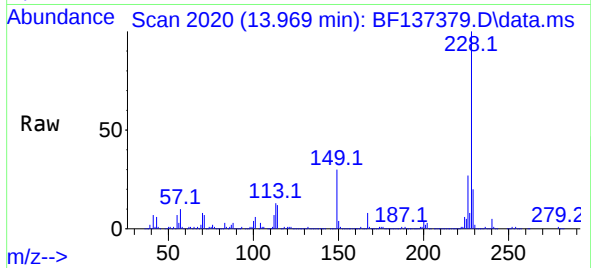
#81
Benzo(a)anthracene
Concen: 46.808 ng
RT: 13.969 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

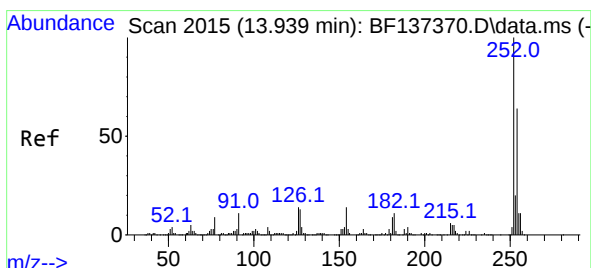
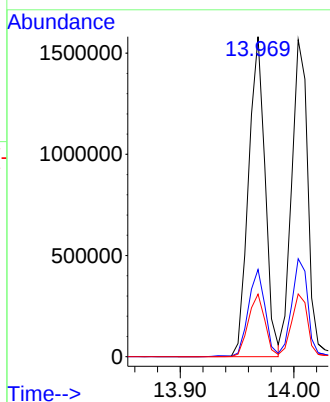
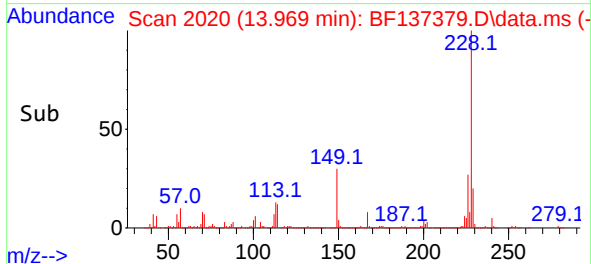


Tgt Ion:228 Resp: 1603280
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.5 15.7 23.5

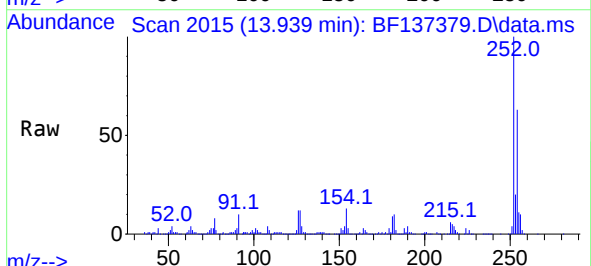
Manual Integrations

APPROVED

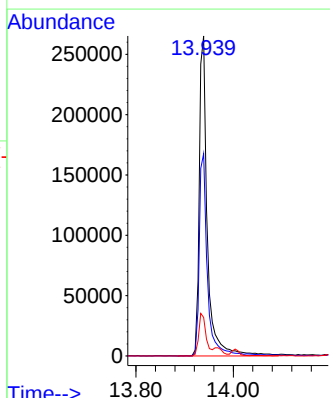
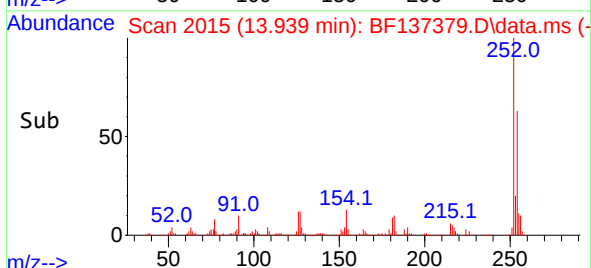
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

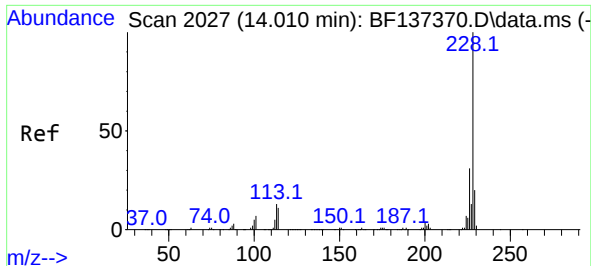


#82
3,3'-Dichlorobenzidine
Concen: 39.667 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:252 Resp: 309035
Ion Ratio Lower Upper
252 100
254 63.2 51.2 76.8
126 12.1 11.1 16.7





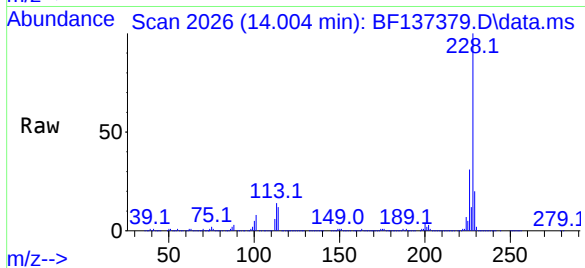
#83
Chrysene
Concen: 45.316 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

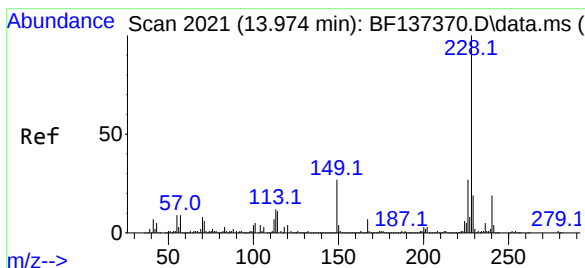
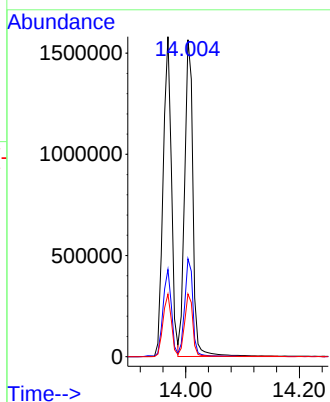
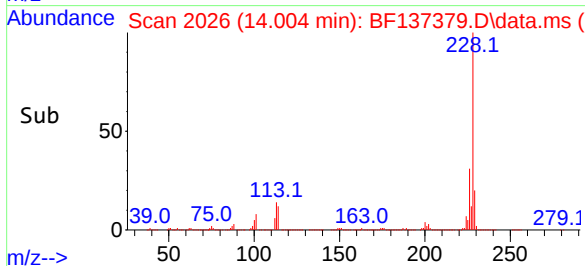


Tgt Ion:228 Resp: 1585619
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.8 15.8 23.8

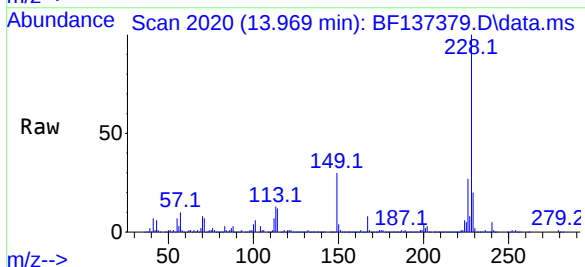
Manual Integrations

APPROVED

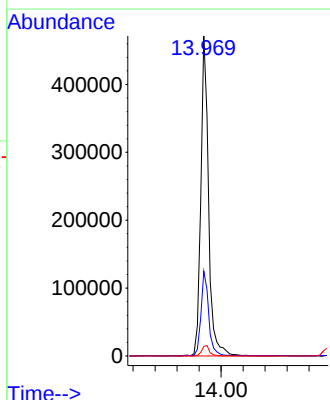
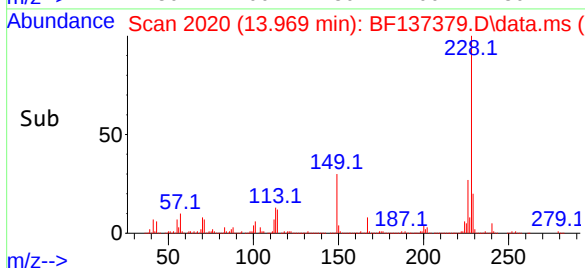
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

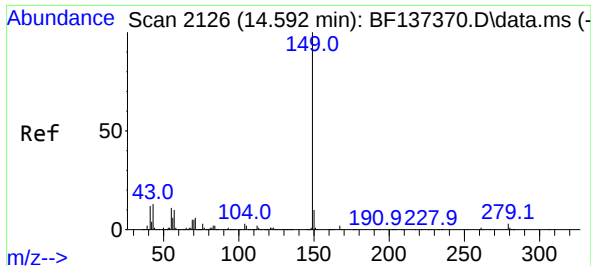


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.108 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:149 Resp: 463673
Ion Ratio Lower Upper
149 100
167 26.5 20.6 31.0
279 3.0 2.7 4.1





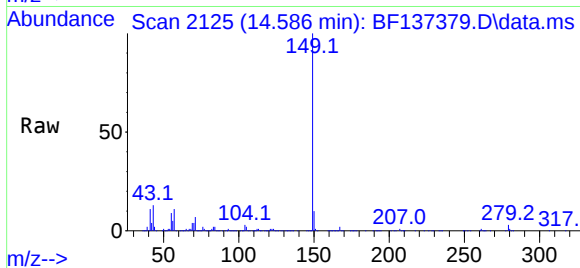
#85
Di-n-octyl phthalate
Concen: 51.149 ng
RT: 14.586 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

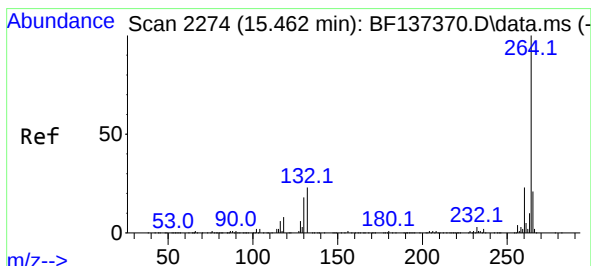
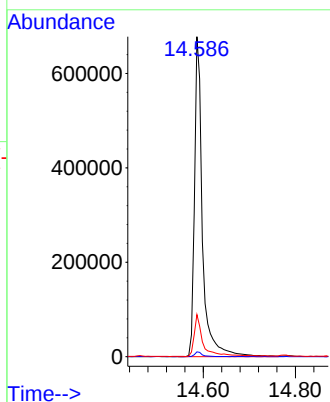
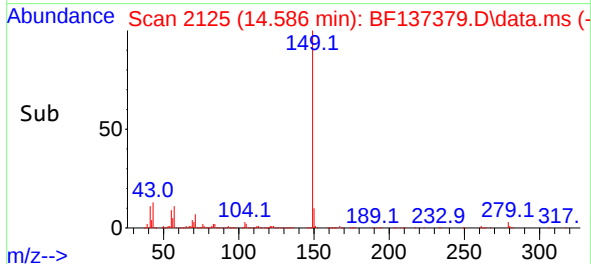


Tgt Ion:149 Resp: 81194
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.4 13.7 20.5

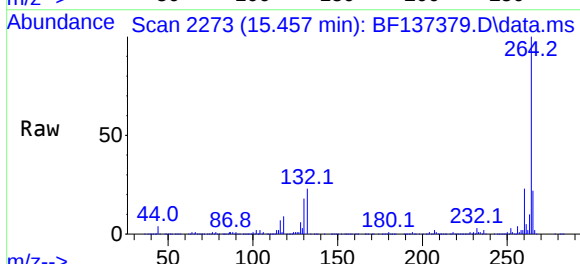
Manual Integrations

APPROVED

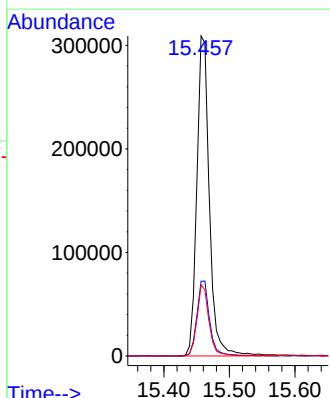
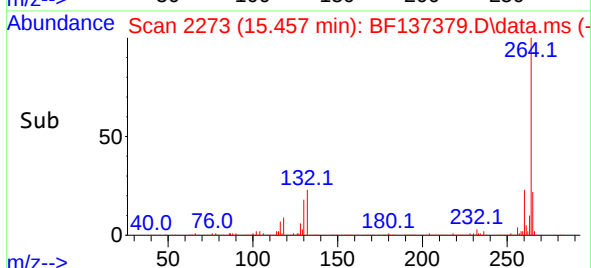
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

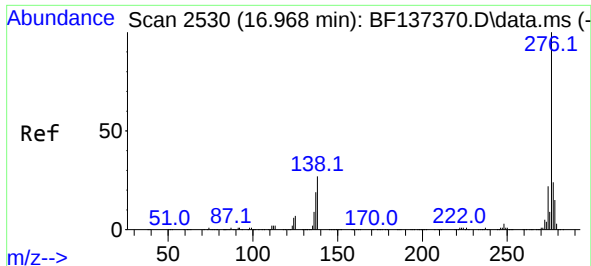


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:264 Resp: 412976
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 22.2 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.497 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

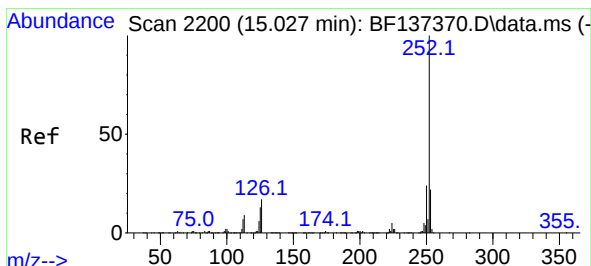
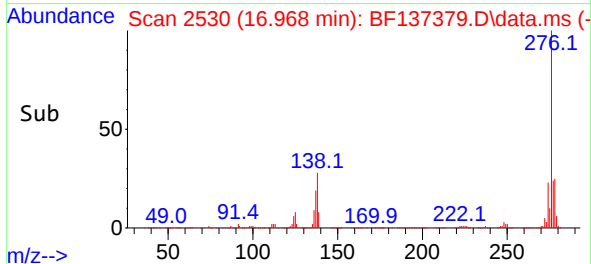
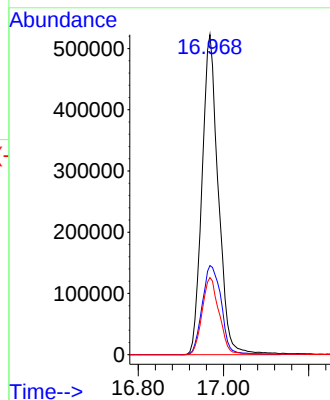
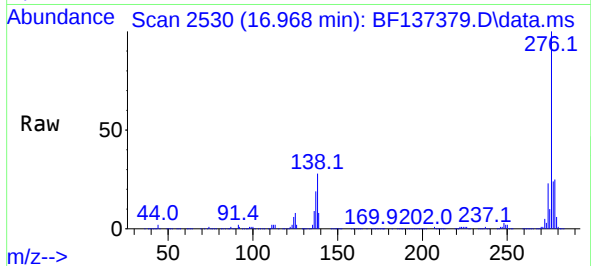
PB159110BS

Tgt Ion:276 Resp: 138738
Ion Ratio Lower Upper
276 100
138 32.4 25.8 38.8
277 25.2 19.6 29.4

Manual Integrations

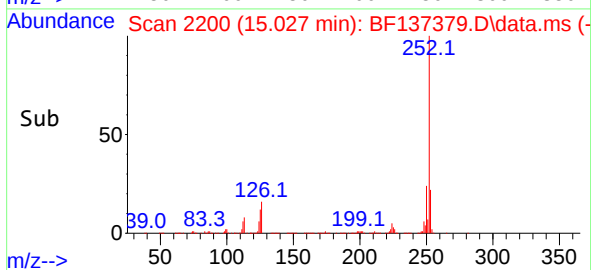
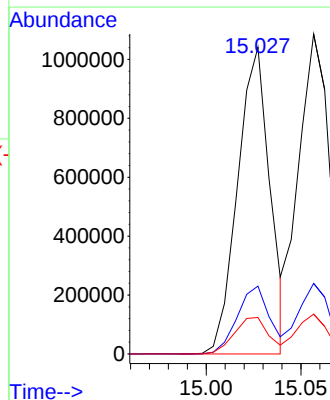
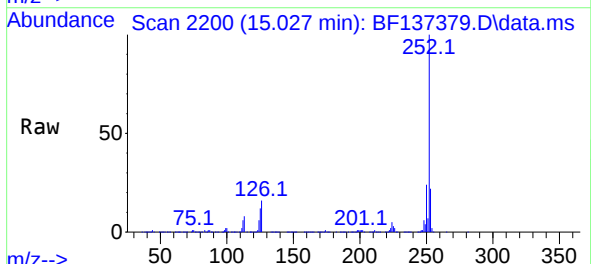
APPROVED

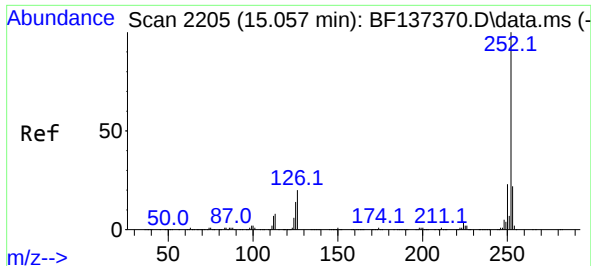
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#88
Benzo(b)fluoranthene
Concen: 48.771 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Tgt Ion:252 Resp: 1235562
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.9 10.2 15.2





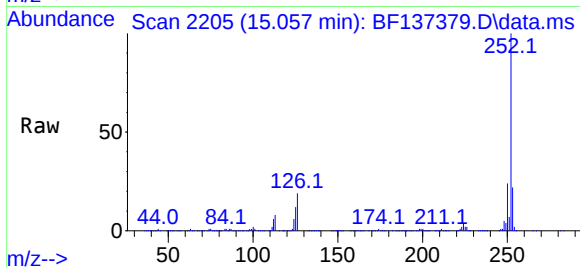
#89
Benzo(k)fluoranthene
Concen: 48.929 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS

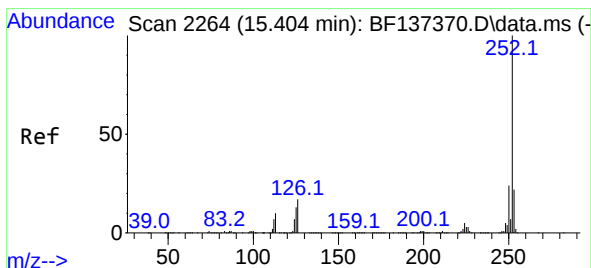
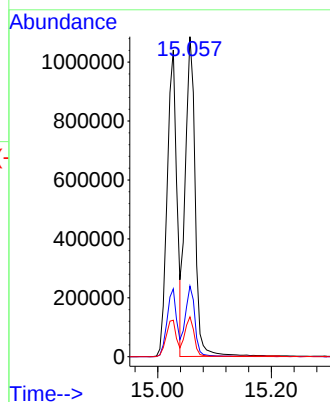
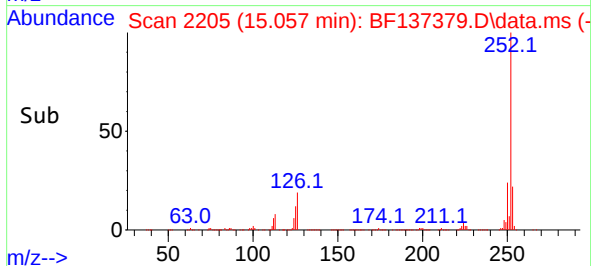


Tgt Ion:252 Resp: 1299200
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.5 10.7 16.1

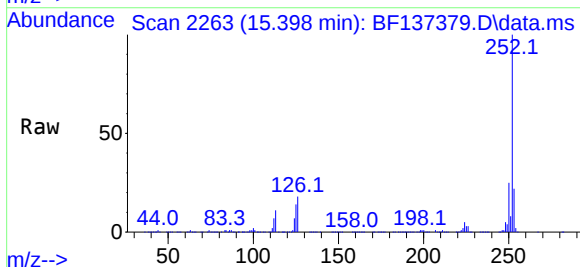
Manual Integrations

APPROVED

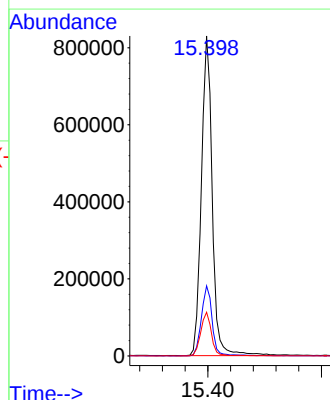
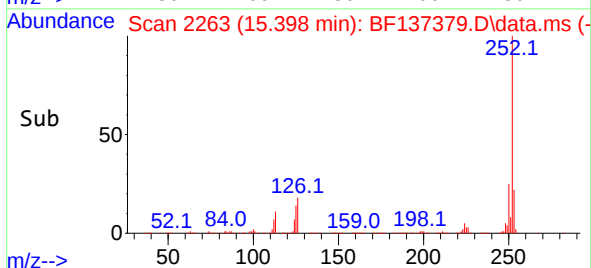
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

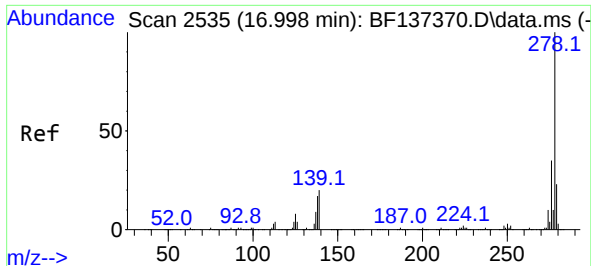


#90
Benzo(a)pyrene
Concen: 45.911 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:252 Resp: 1103245
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 13.7 10.6 16.0





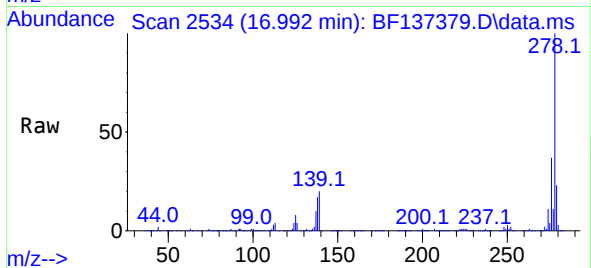
#91
Dibenzo(a,h)anthracene
Concen: 49.172 ng
RT: 16.992 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB159110BS



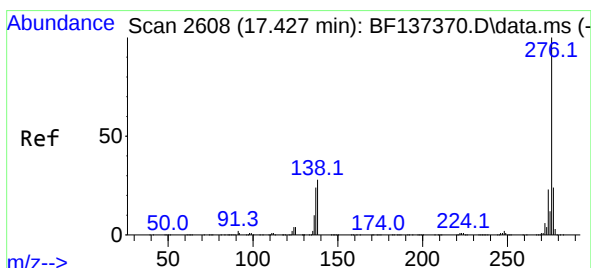
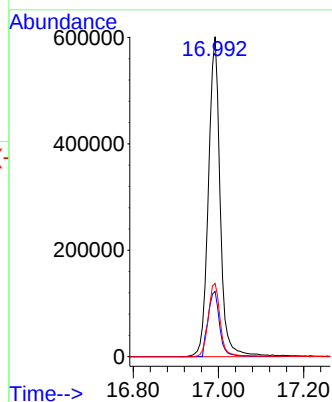
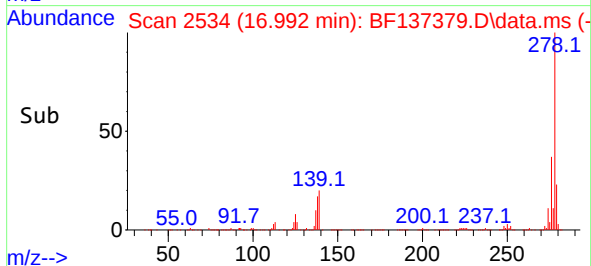
Tgt Ion:278 Resp: 115296
Ion Ratio Lower Upper
278 100
139 20.4 16.2 24.4
279 22.9 18.5 27.7

Manual Integrations

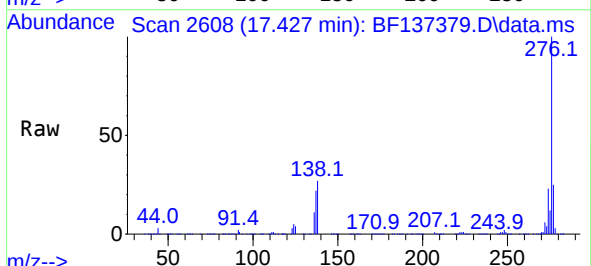
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#92
Benzo(g,h,i)perylene
Concen: 48.506 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.000 min
Lab File: BF137379.D
Acq: 26 Feb 2024 11:49



Tgt Ion:276 Resp: 1175502
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.4
138 27.3 22.6 33.8

