

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
 Data File : BF137473.D
 Acq On : 02 Mar 2024 14:52
 Operator : CG\JU
 Sample : PB159389BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159389BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/04/2024
 Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 04 00:39:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	214957	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	874513	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	483370	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	872157	20.000	ng	0.00
76) Chrysene-d12	14.051	240	504525	20.000	ng	0.00
86) Perylene-d12	15.574	264	432696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1770145	124.720	ng	0.01
7) Phenol-d6	6.510	99	2427446	118.487	ng	0.00
23) Nitrobenzene-d5	7.422	82	1558778	82.820	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	590558	139.124	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2469237	79.965	ng	0.00
79) Terphenyl-d14	12.992	244	2995319	81.639	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	290223	37.398	ng	99
3) Pyridine	3.551	79	625093	33.398	ng	99
4) n-Nitrosodimethylamine	3.528	42	341701	45.302	ng	93
6) Aniline	6.534	93	610897	24.403	ng	100
8) 2-Chlorophenol	6.651	128	704051	47.031	ng	98
10) Phenol	6.522	94	947933	42.988	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	698762	43.244	ng	99
12) 1,3-Dichlorobenzene	6.798	146	720883	45.065	ng	100
13) 1,4-Dichlorobenzene	6.875	146	740741	45.259	ng	98
14) 1,2-Dichlorobenzene	7.028	146	696065	46.335	ng	97
15) Benzyl Alcohol	7.004	79	618092	48.461	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1189844	42.838	ng	97
17) 2-Methylphenol	7.116	107	601935	42.972	ng	98
18) Hexachloroethane	7.363	117	251754	46.715	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	524760	41.480	ng	97
20) 3+4-Methylphenols	7.269	107	670612	41.801	ng	98
22) Acetophenone	7.269	105	934141	44.148	ng	# 95
24) Nitrobenzene	7.439	77	822765	43.517	ng	99
25) Isophorone	7.681	82	1560995	43.655	ng	98
26) 2-Nitrophenol	7.757	139	355669	47.383	ng	95
27) 2,4-Dimethylphenol	7.792	122	565445	40.315	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	907272	43.245	ng	100
29) 2,4-Dichlorophenol	7.998	162	584068	45.373	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	612407	45.208	ng	99
31) Naphthalene	8.157	128	1972301	42.035	ng	99
32) Benzoic acid	7.939	122	365400	45.601	ng	97
33) 4-Chloroaniline	8.210	127	185605	10.088	ng	98
34) Hexachlorobutadiene	8.275	225	351644	43.970	ng	100
35) Caprolactam	8.586	113	208634m	47.798	ng	
36) 4-Chloro-3-methylphenol	8.698	107	658189	45.743	ng	99
37) 2-Methylnaphthalene	8.851	142	1213010	40.553	ng	99
38) 1-Methylnaphthalene	8.951	142	1180212	41.898	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	608512	45.093	ng	99
41) Hexachlorocyclopentadiene	9.004	237	530817	94.701	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	402023	45.748	ng	99
44) 2,4,5-Trichlorophenol	9.181	196	431136	42.590	ng	98

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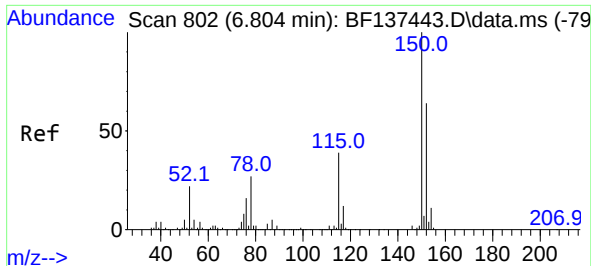
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.316	154	1555067	43.955	ng	99
47) 2-Chloronaphthalene	9.339	162	1213187	44.978	ng	99
48) 2-Nitroaniline	9.445	65	437221	47.690	ng	97
49) Acenaphthylene	9.757	152	1938763	44.914	ng	99
50) Dimethylphthalate	9.628	163	1460460	43.404	ng	100
51) 2,6-Dinitrotoluene	9.686	165	327915	46.593	ng	98
52) Acenaphthene	9.928	154	1087659	42.206	ng	99
53) 3-Nitroaniline	9.857	138	182269	24.485	ng	95
54) 2,4-Dinitrophenol	9.963	184	335180	95.829	ng	93
55) Dibenzofuran	10.104	168	1663750	42.388	ng	99
56) 4-Nitrophenol	10.028	139	498333	93.295	ng	92
57) 2,4-Dinitrotoluene	10.092	165	404486	46.780	ng	91
58) Fluorene	10.445	166	1257075	41.703	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	372666	45.908	ng	94
60) Diethylphthalate	10.328	149	1387533	43.668	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	605615	40.994	ng	98
62) 4-Nitroaniline	10.480	138	286365	44.757	ng	99
63) Azobenzene	10.604	77	1589445	43.441	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	230100	47.337	ng	86
66) n-Nitrosodiphenylamine	10.563	169	1174793	41.830	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	399860	42.093	ng	97
68) Hexachlorobenzene	10.992	284	439573	45.815	ng	99
69) Atrazine	11.098	200	393017	46.034	ng	97
70) Pentachlorophenol	11.192	266	502654	86.664	ng	99
71) Phenanthrene	11.416	178	1985659	41.835	ng	99
72) Anthracene	11.469	178	2020567	41.449	ng	99
73) Carbazole	11.627	167	1828550	43.791	ng	99
74) Di-n-butylphthalate	11.963	149	2157229	43.422	ng	99
75) Fluoranthene	12.610	202	2024227	43.630	ng	99
77) Benzidine	12.745	184	259236	20.996	ng	99
78) Pyrene	12.839	202	2087107	42.159	ng	99
80) Butylbenzylphthalate	13.474	149	636557	50.349	ng	97
81) Benzo(a)anthracene	14.039	228	1522279	43.049	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	285322	30.299	ng	98
83) Chrysene	14.080	228	1525521	42.684	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	780730	48.584	ng	100
85) Di-n-octyl phthalate	14.663	149	1313887	43.075	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	1361020	47.798	ng	98
88) Benzo(b)fluoranthene	15.121	252	1321158	51.617	ng	99
89) Benzo(k)fluoranthene	15.151	252	1153287	41.950	ng	99
90) Benzo(a)pyrene	15.510	252	1098367	43.546	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	1100884	47.660	ng	99
92) Benzo(g,h,i)perylene	17.645	276	1122654	47.325	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

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BNA_F

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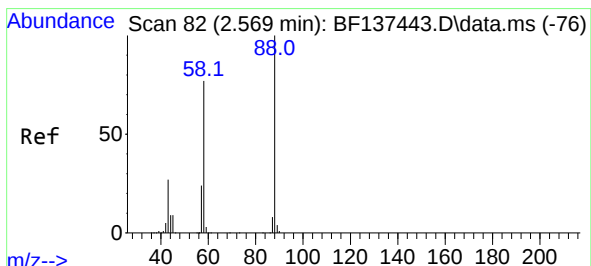
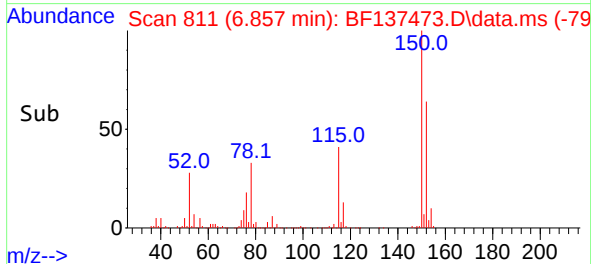
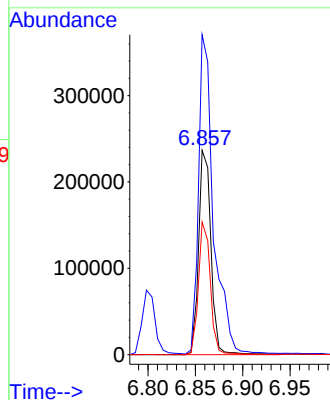
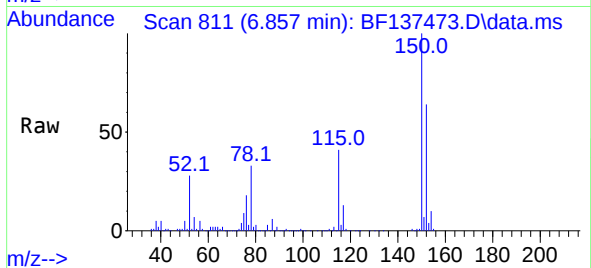
PB159389BS

Tgt Ion:152 Resp: 21495
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 64.9 48.8 73.2

Manual Integrations

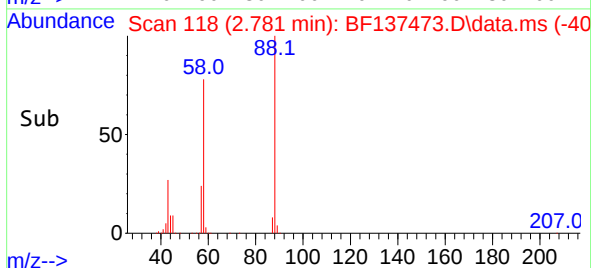
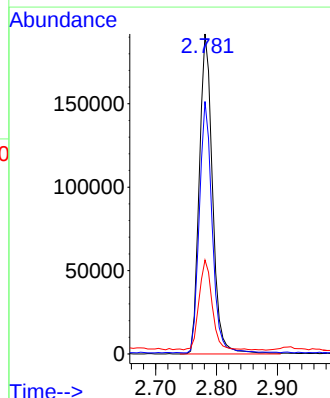
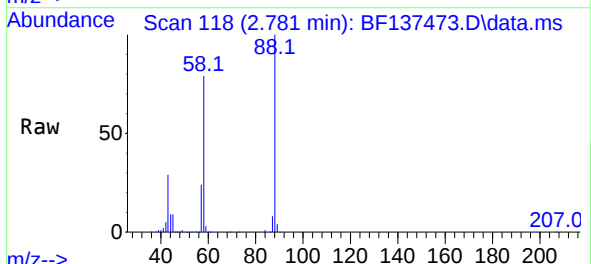
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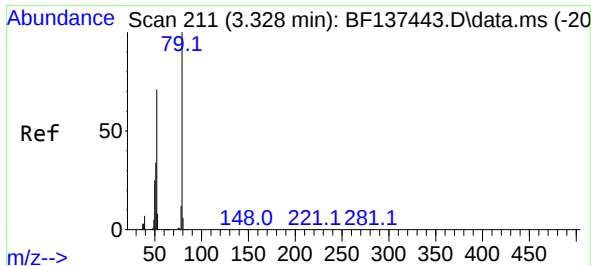
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#2
1,4-Dioxane
Concen: 37.398 ng
RT: 2.781 min Scan# 118
Delta R.T. 0.106 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion: 88 Resp: 290223
Ion Ratio Lower Upper
88 100
58 76.1 61.8 92.8
43 27.5 22.2 33.4





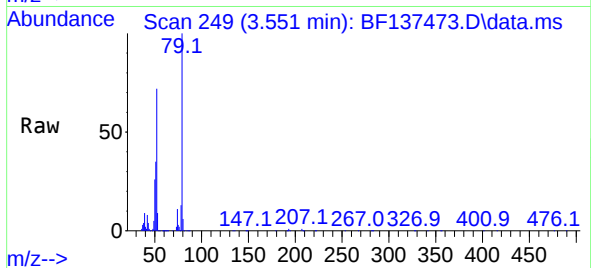
#3
Pyridine
Concen: 33.398 ng
RT: 3.551 min Scan# 24
Delta R.T. 0.088 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

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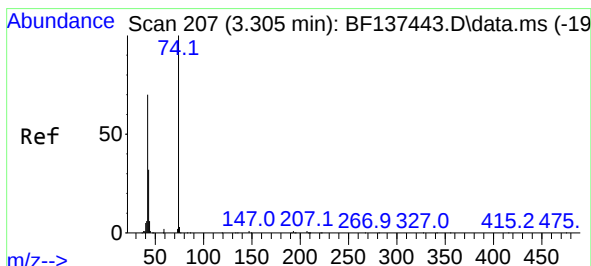
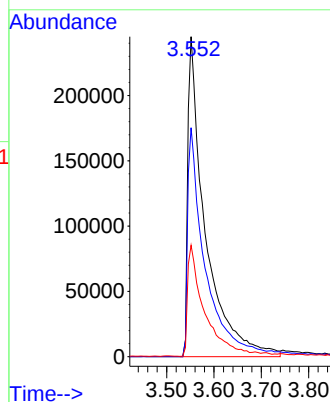
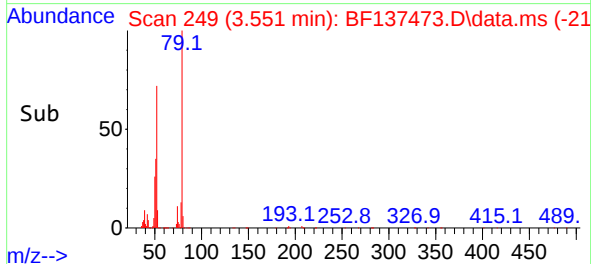


Tgt Ion: 79 Resp: 62509
Ion Ratio Lower Upper
79 100
52 71.5 57.0 85.4
51 34.8 27.5 41.3

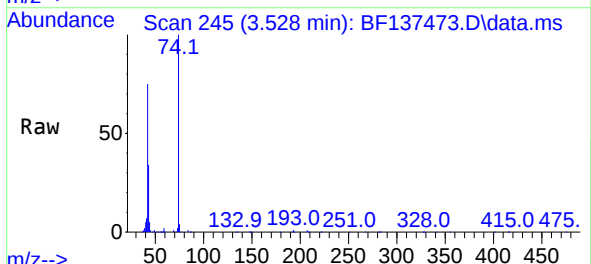
Manual Integrations

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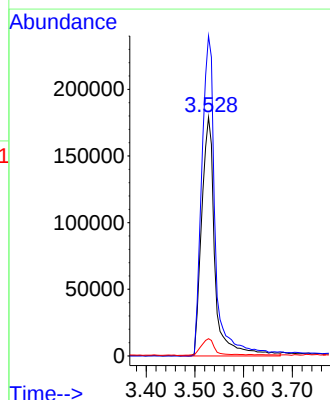
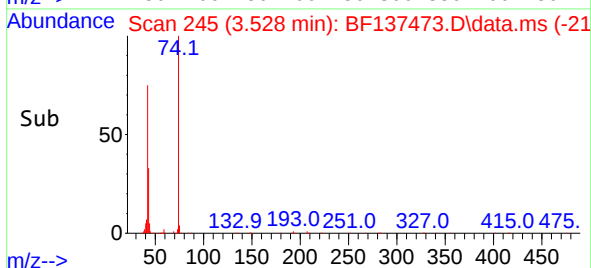
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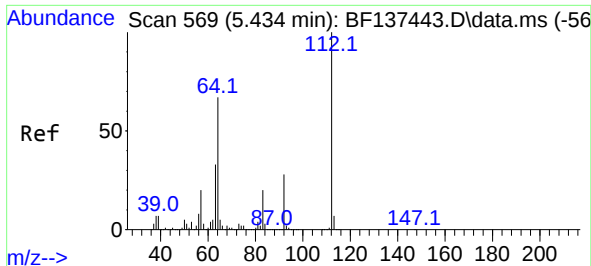


#4
n-Nitrosodimethylamine
Concen: 45.302 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.082 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion: 42 Resp: 341701
Ion Ratio Lower Upper
42 100
74 134.0 114.0 171.0
44 7.2 7.0 10.4





#5
2-Fluorophenol
Concen: 124.720 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

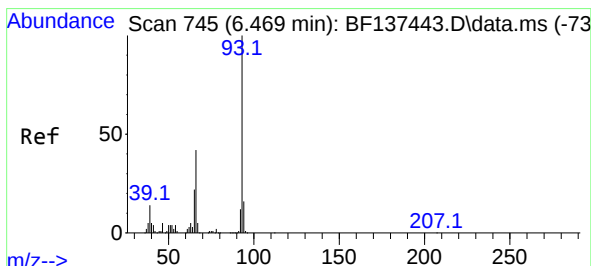
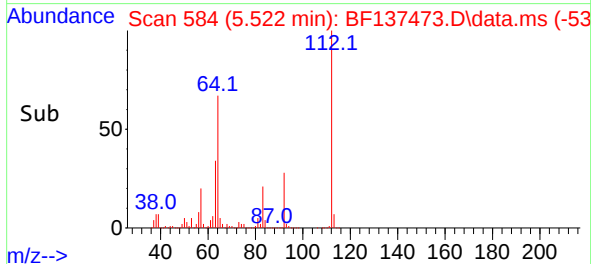
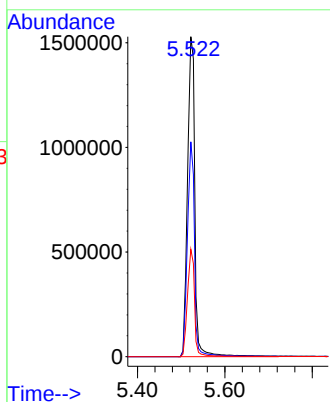
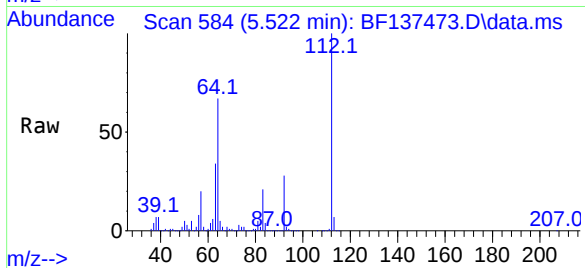
Tgt Ion:112 Resp: 177014
Ion Ratio Lower Upper
112 100
64 67.1 53.4 80.2
63 33.6 26.2 39.2

Manual Integrations

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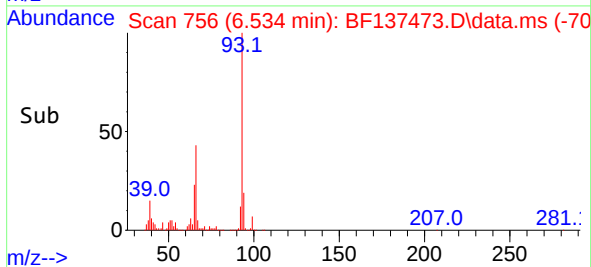
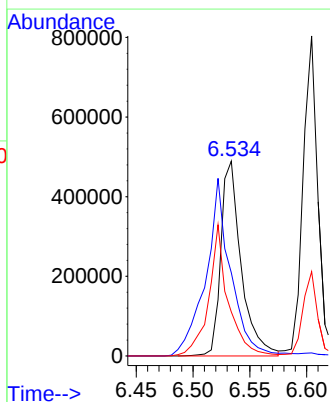
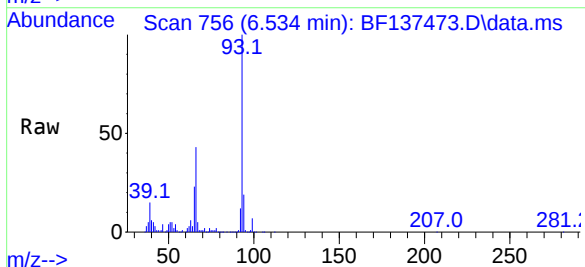
Reviewed By :Yogesh Patel 03/04/2024

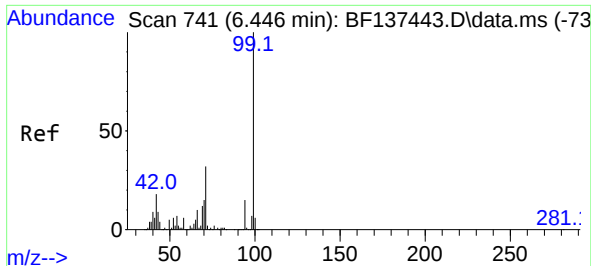
Supervised By :mohammad ahmed 03/04/2024



#6
Aniline
Concen: 24.403 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion: 93 Resp: 610897
Ion Ratio Lower Upper
93 100
66 42.7 34.0 51.0
65 22.6 17.8 26.8





#7
Phenol-d6
Concen: 118.487 ng
RT: 6.510 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

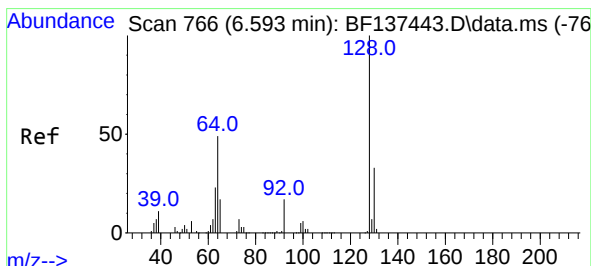
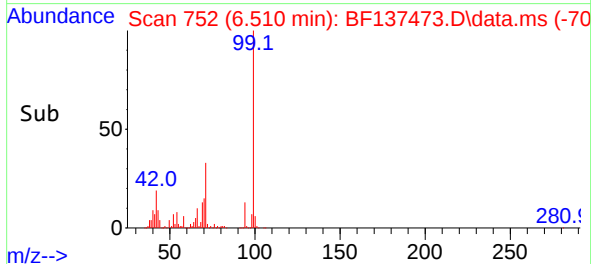
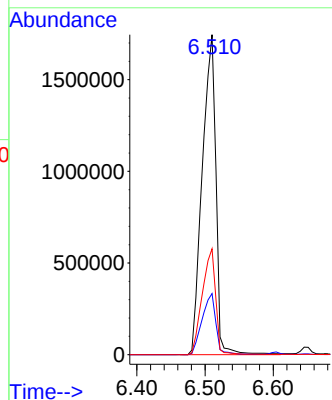
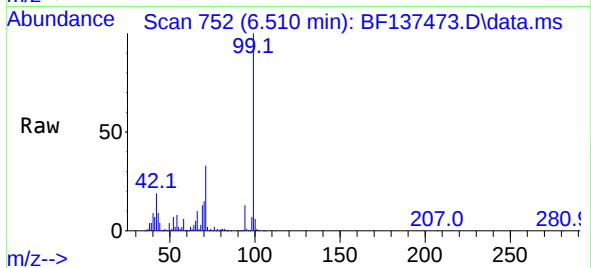
PB159389BS

Tgt Ion: 99 Resp: 2427440
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 33.1 25.3 37.9

Manual Integrations

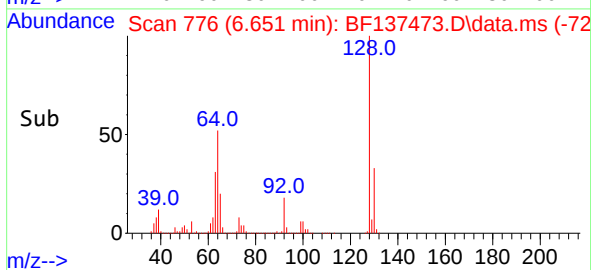
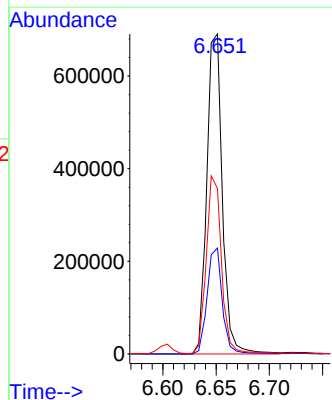
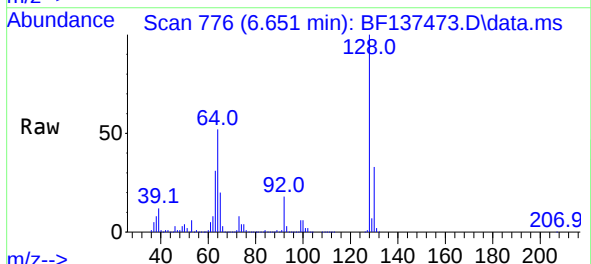
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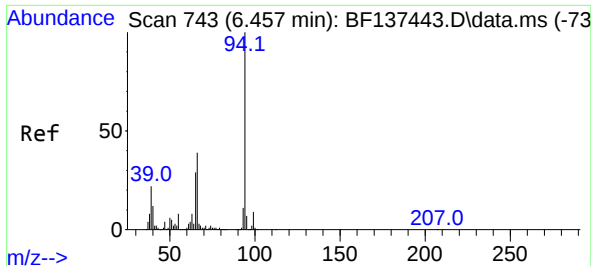
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#8
2-Chlorophenol
Concen: 47.031 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

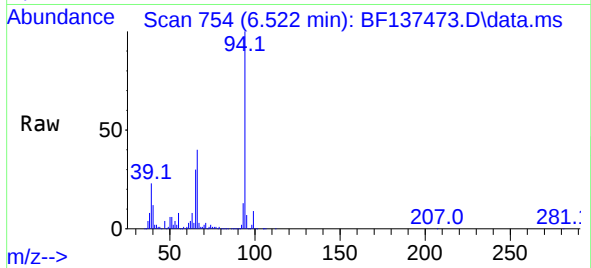
Tgt Ion:128 Resp: 704051
Ion Ratio Lower Upper
128 100
130 33.1 13.4 53.4
64 51.7 30.0 70.0





#10
Phenol
Concen: 42.988 ng
RT: 6.522 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

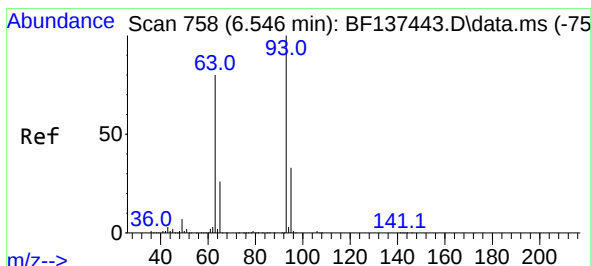
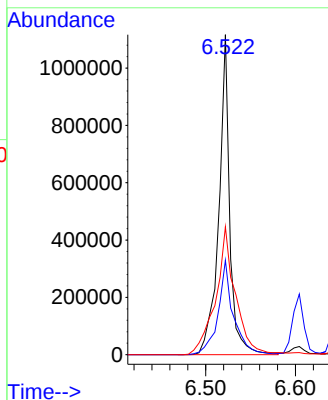
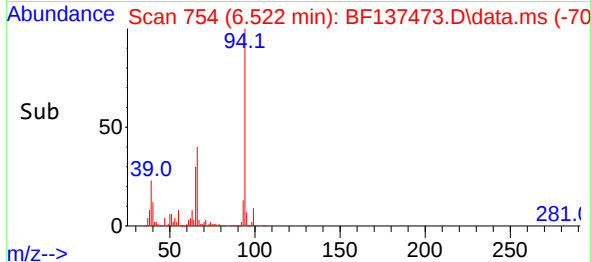
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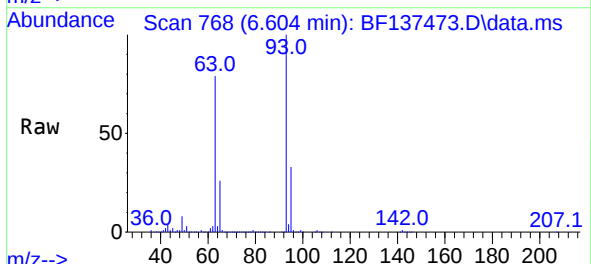
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Ion Ratio Lower Upper
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65 29.5 8.7 48.7
66 39.9 18.6 58.6

Manual Integrations
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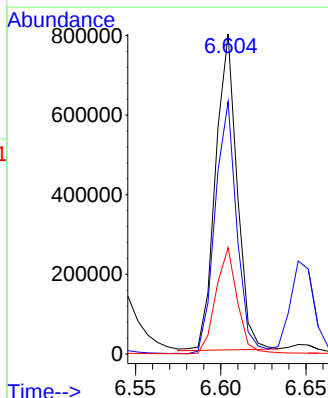
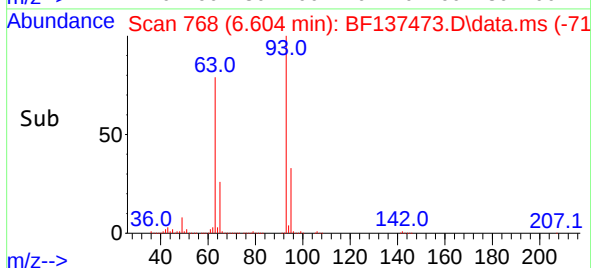
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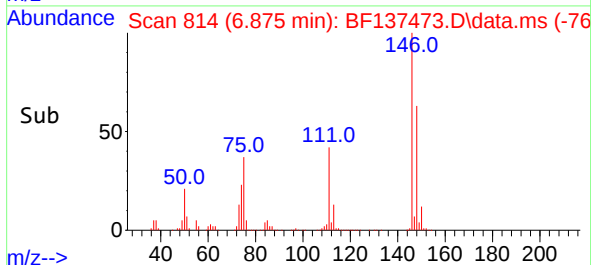
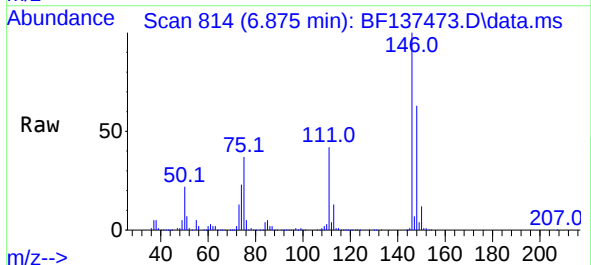
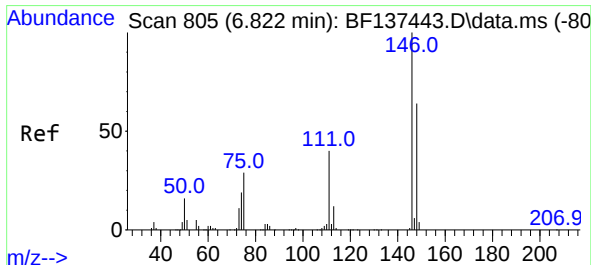
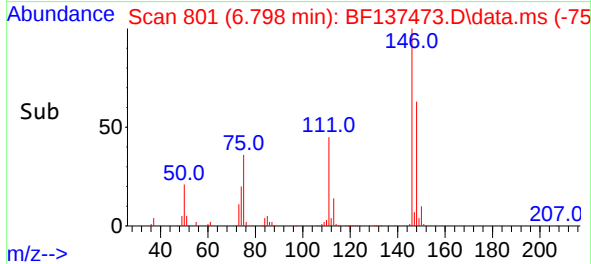
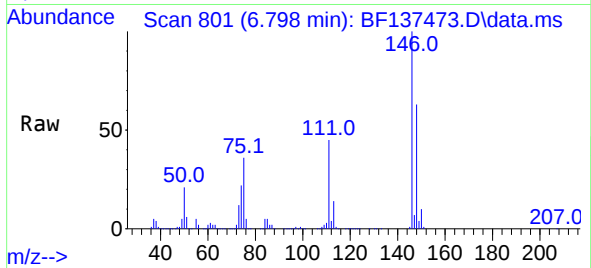
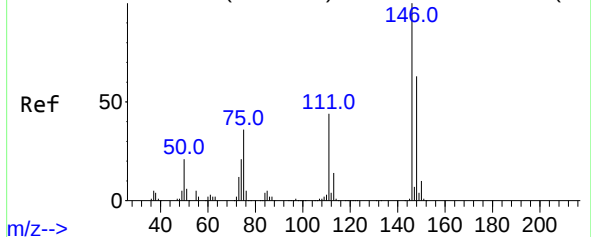
#11
bis(2-Chloroethyl)ether
Concen: 43.244 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion: 93 Resp: 698762
Ion Ratio Lower Upper
93 100
63 78.9 58.9 98.9
95 33.3 12.2 52.2



Abundance Scan 791 (6.740 min): BF137443.D\data.ms (-78



#12

1,3-Dichlorobenzene

Concen: 45.065 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF137473.D

Acq: 02 Mar 2024 14:52

Tgt Ion:146 Resp: 72088

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

75 35.9 29.0 43.4

Instrument :

BNA_F

ClientSampleId :

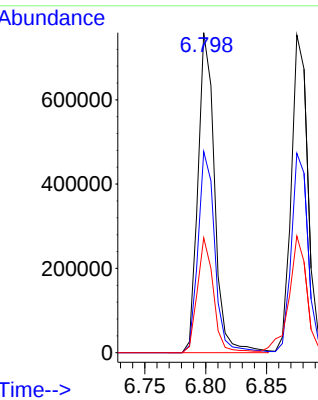
PB159389BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/04/2024

Supervised By :mohammad ahmed 03/04/2024



#13

1,4-Dichlorobenzene

Concen: 45.259 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF137473.D

Acq: 02 Mar 2024 14:52

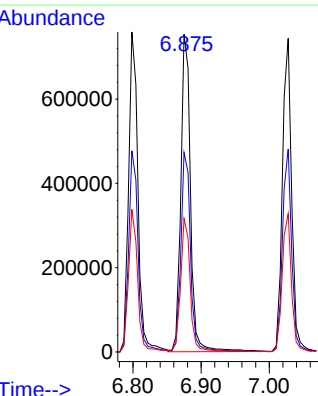
Tgt Ion:146 Resp: 740741

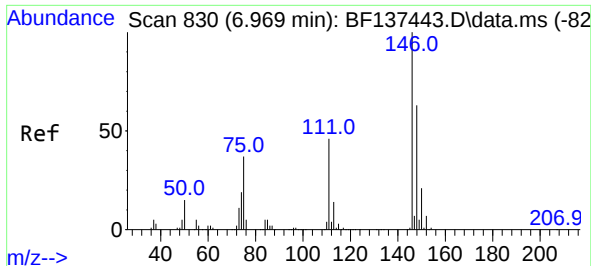
Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

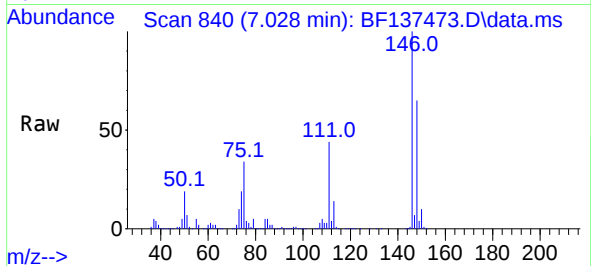
111 42.0 32.4 48.6





#14
1,2-Dichlorobenzene
Concen: 46.335 ng
RT: 7.028 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

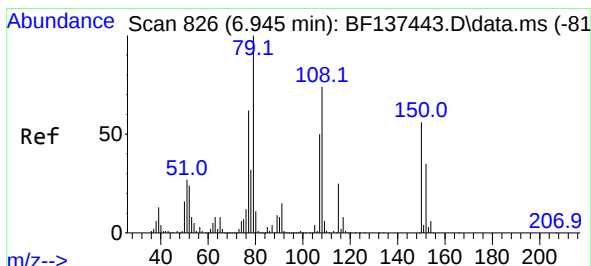
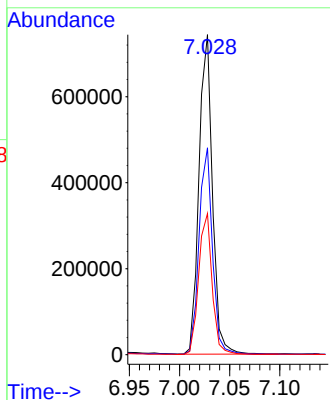
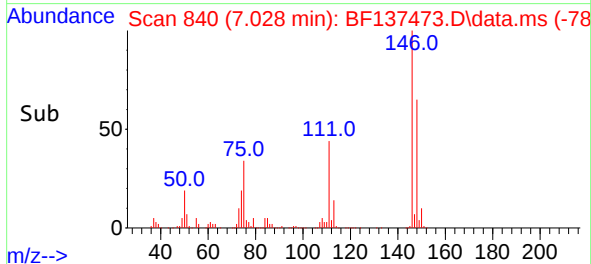
Instrument :
BNA_F
ClientSampleId :
PB159389BS



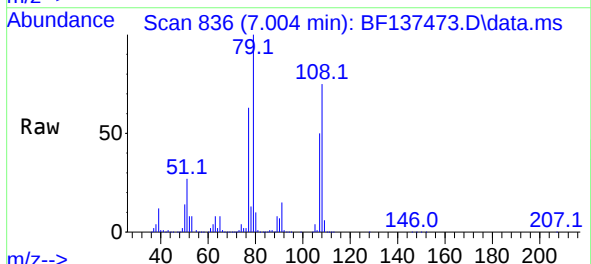
Tgt Ion:146 Resp: 69606
Ion Ratio Lower Upper
146 100
148 64.6 50.0 75.0
111 44.1 36.8 55.2

Manual Integrations
APPROVED

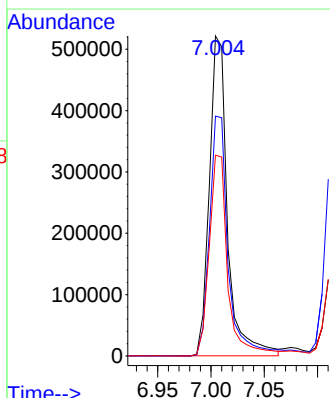
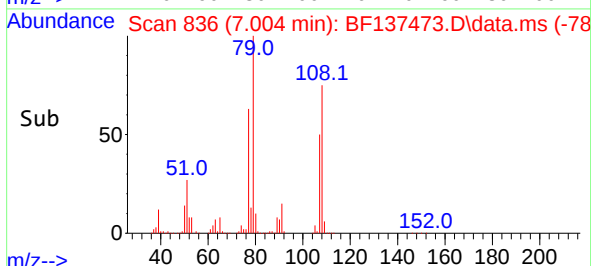
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

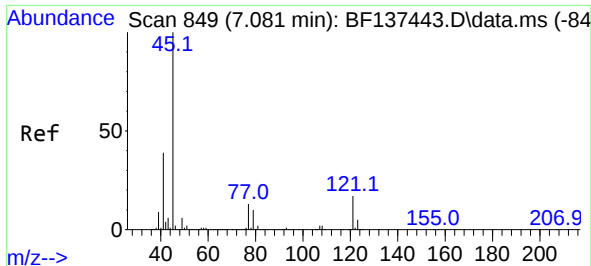


#15
Benzyl Alcohol
Concen: 48.461 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion: 79 Resp: 618092
Ion Ratio Lower Upper
79 100
108 75.0 59.5 89.3
77 62.7 50.0 75.0





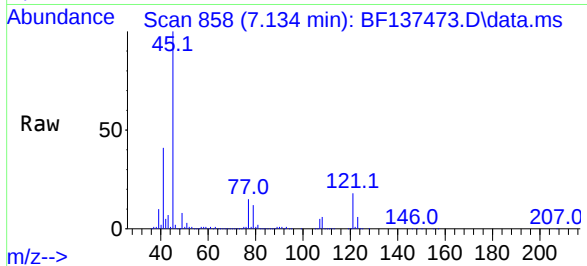
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.838 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS



Tgt Ion: 45 Resp: 118984

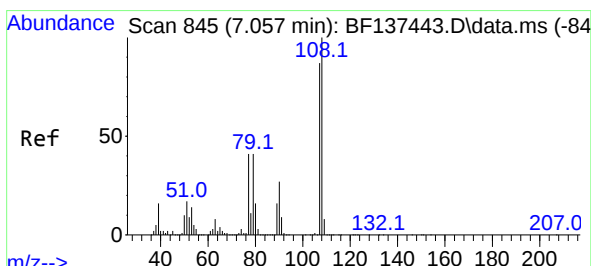
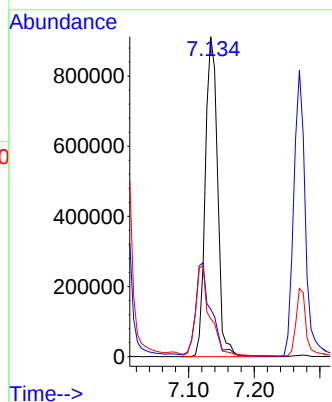
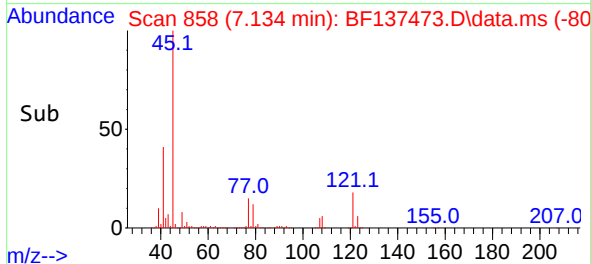
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.4
79	11.8	0.0	30.9

Manual Integrations

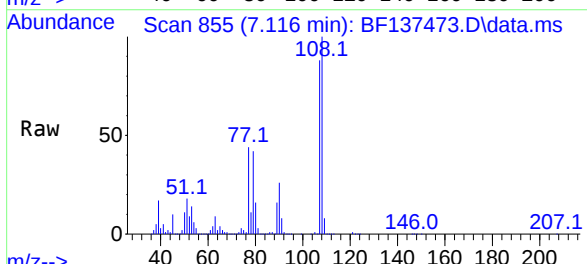
APPROVED

Reviewed By :Yogesh Patel 03/04/2024

Supervised By :mohammad ahmed 03/04/2024

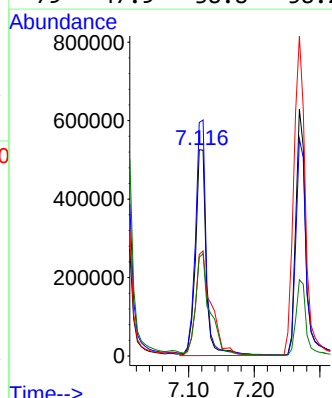
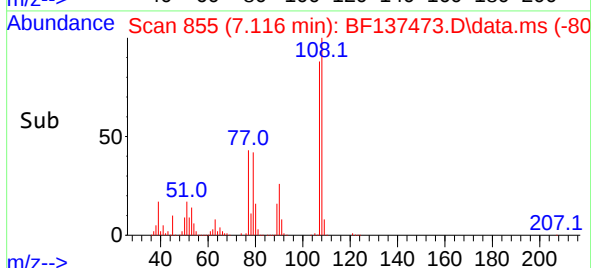


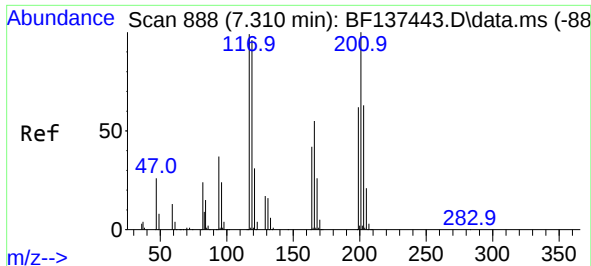
#17
2-Methylphenol
Concen: 42.972 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:107 Resp: 601935

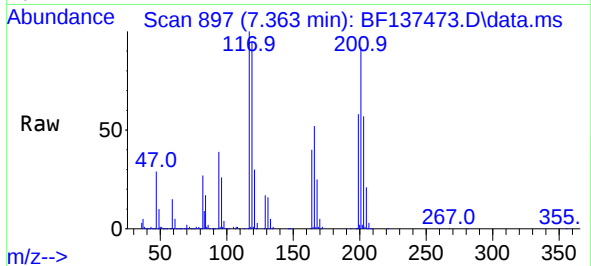
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.2	138.4
77	49.2	38.6	57.8
79	47.9	38.8	58.2





#18
Hexachloroethane
Concen: 46.715 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

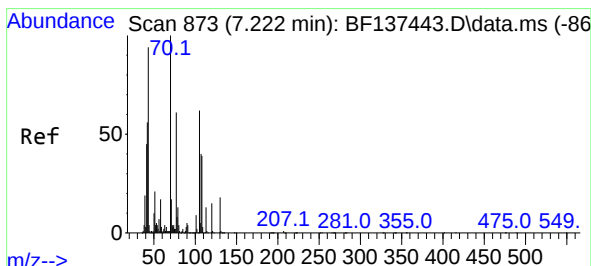
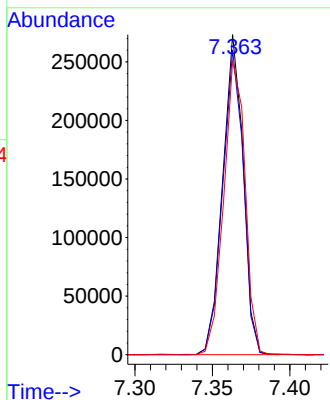
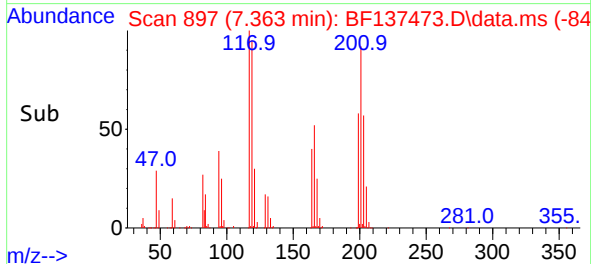
Instrument :
BNA_F
ClientSampleId :
PB159389BS



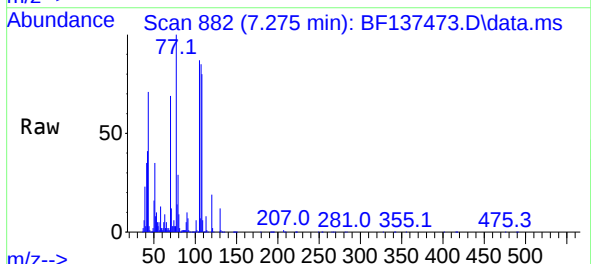
Tgt Ion:117 Resp: 251754
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3
201 91.8 80.6 121.0

Manual Integrations
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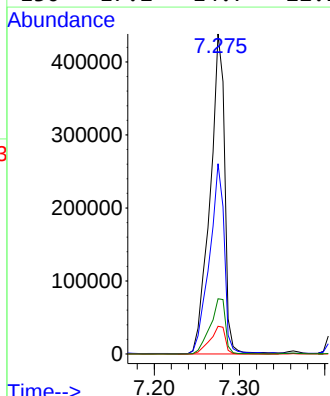
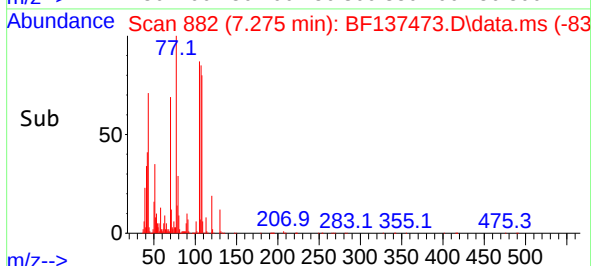
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

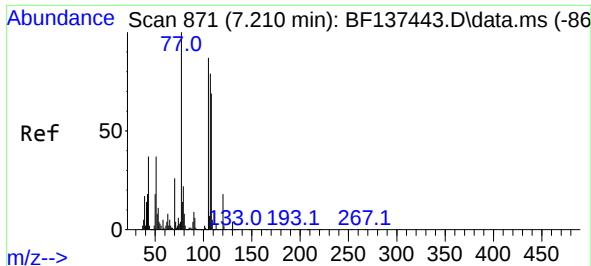


#19
n-Nitroso-di-n-propylamine
Concen: 41.480 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion: 70 Resp: 524760
Ion Ratio Lower Upper
70 100
42 59.5 45.2 67.8
101 8.6 7.3 10.9
130 17.2 14.7 22.1





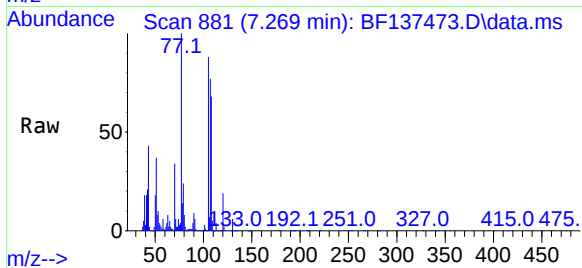
#20
3+4-Methylphenols
Concen: 41.801 ng
RT: 7.269 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

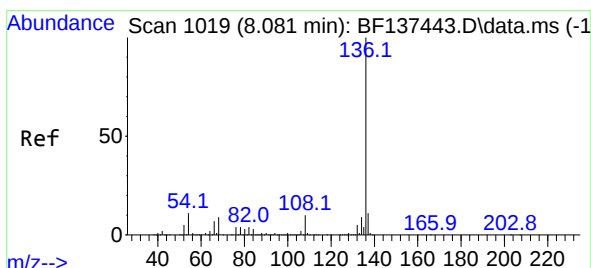
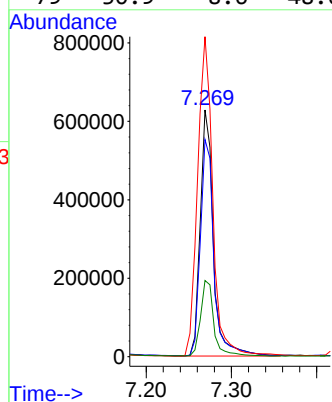
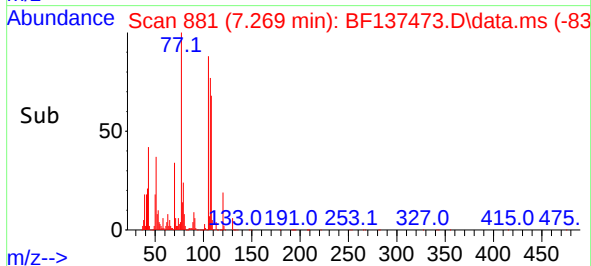


Tgt Ion:107 Resp: 67061
Ion Ratio Lower Upper
107 100
108 88.0 67.6 107.6
77 129.7 107.1 147.1
79 30.9 8.6 48.6

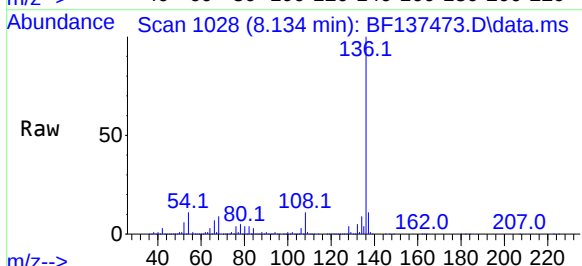
Manual Integrations

APPROVED

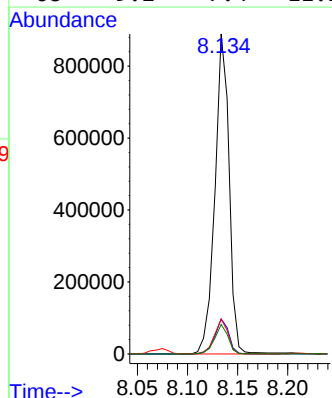
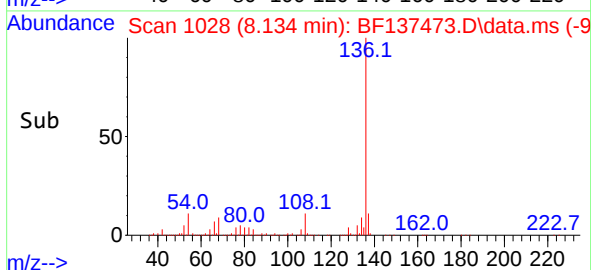
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

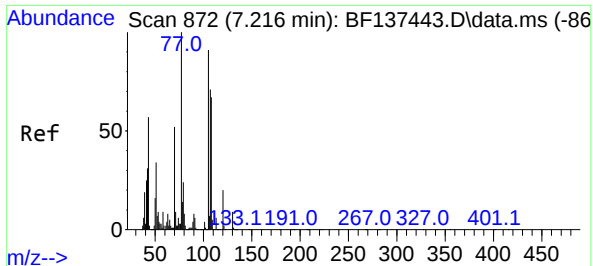


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



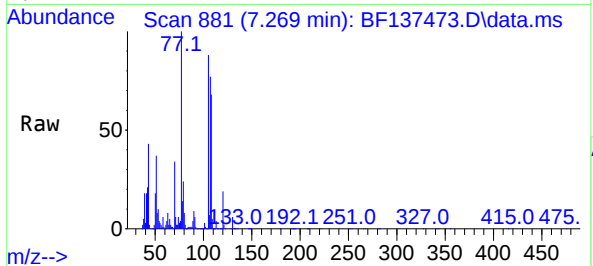
Tgt Ion:136 Resp: 874513
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.9 8.5 12.7
68 9.2 7.4 11.2





#22
Acetophenone
Concen: 44.148 ng
RT: 7.269 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

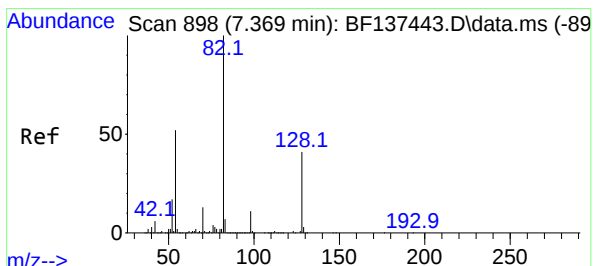
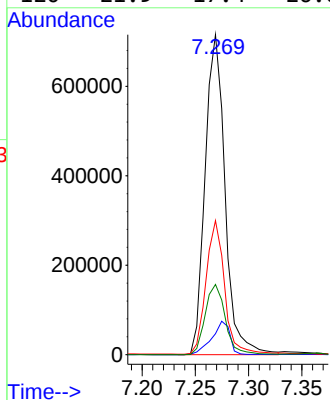
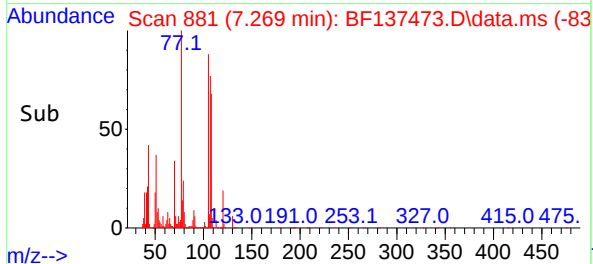
Instrument :
BNA_F
ClientSampleId :
PB159389BS



Tgt Ion:105 Resp: 93414
Ion Ratio Lower Upper
105 100
71 6.6 7.7 11.5
51 41.9 30.4 45.6
120 21.9 17.4 26.0

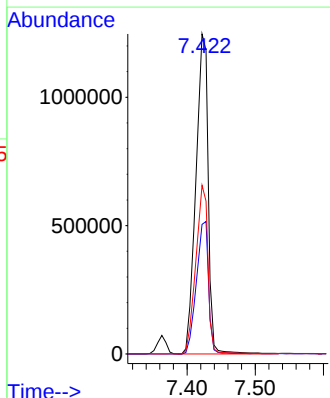
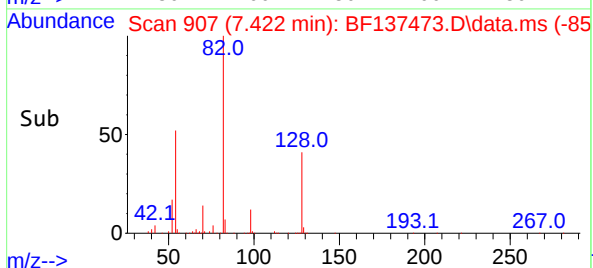
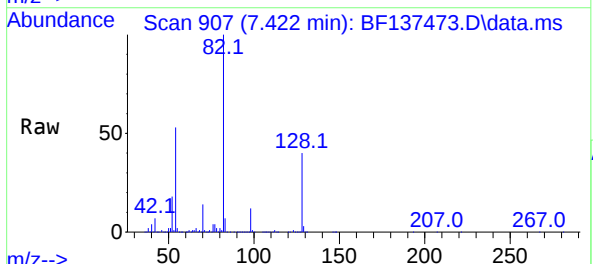
Manual Integrations
APPROVED

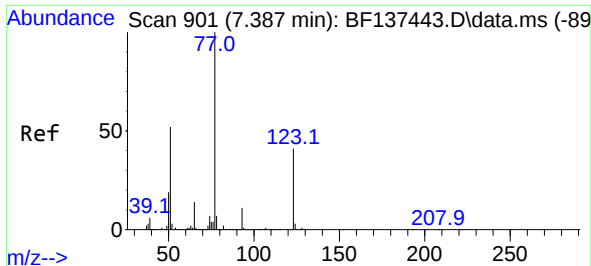
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#23
Nitrobenzene-d5
Concen: 82.820 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion: 82 Resp: 1558778
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 52.7 41.5 62.3





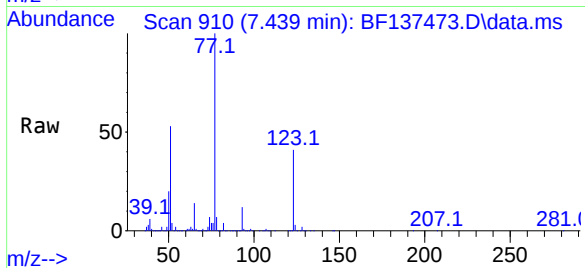
#24
Nitrobenzene
Concen: 43.517 ng
RT: 7.439 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

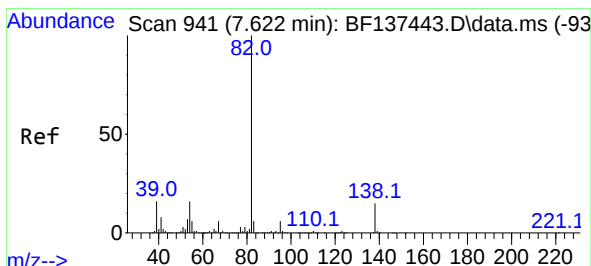
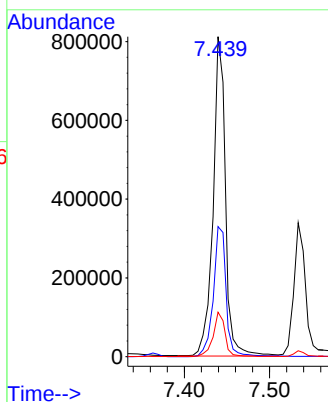
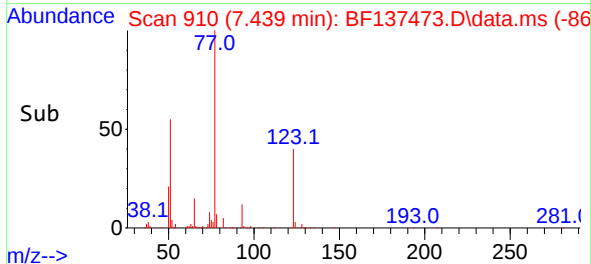


Tgt Ion: 77 Resp: 822765
Ion Ratio Lower Upper
77 100
123 40.6 33.0 49.6
65 13.9 10.9 16.3

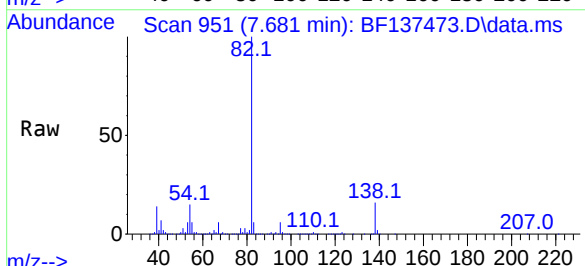
Manual Integrations

APPROVED

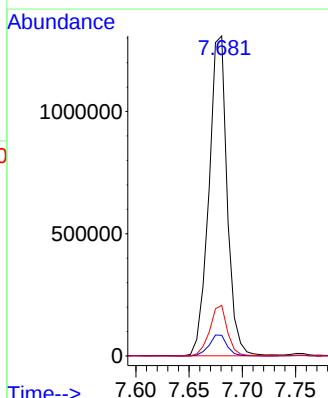
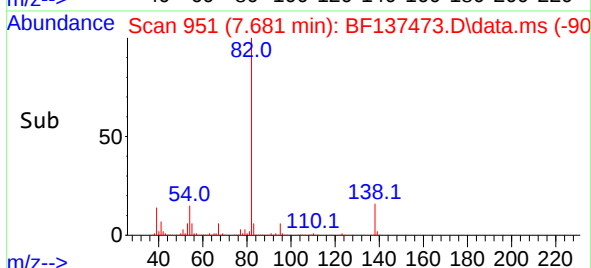
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

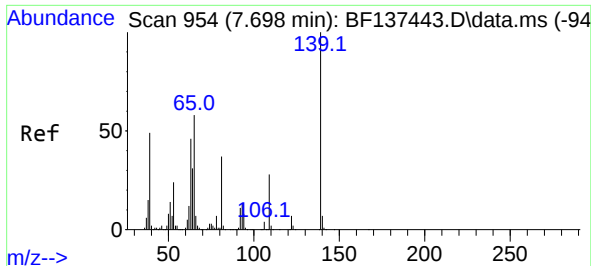


#25
Isophorone
Concen: 43.655 ng
RT: 7.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion: 82 Resp: 1560995
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.8 11.8 17.8





#26
2-Nitrophenol
Concen: 47.383 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

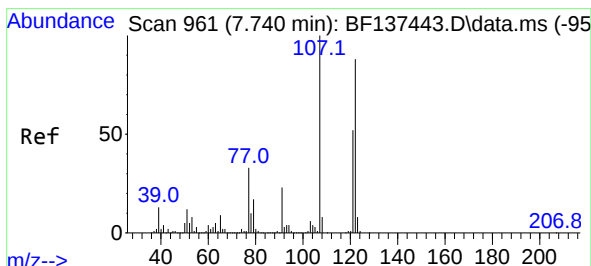
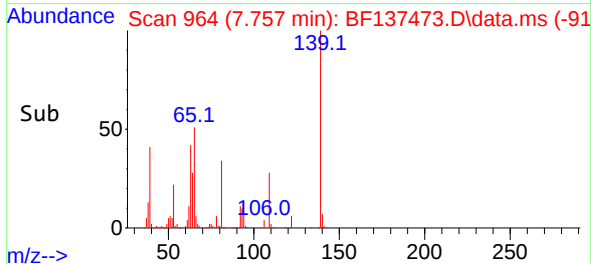
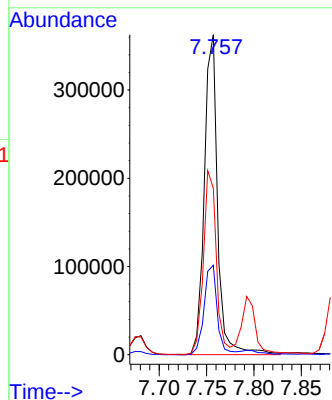
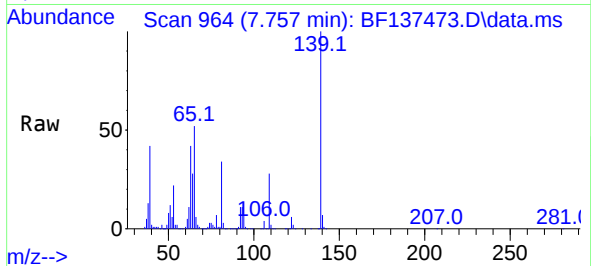
PB159389BS

Tgt Ion:139 Resp: 355669
Ion Ratio Lower Upper
139 100
109 28.0 22.2 33.4
65 52.0 46.2 69.2

Manual Integrations

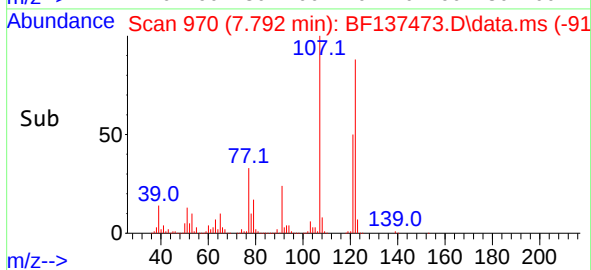
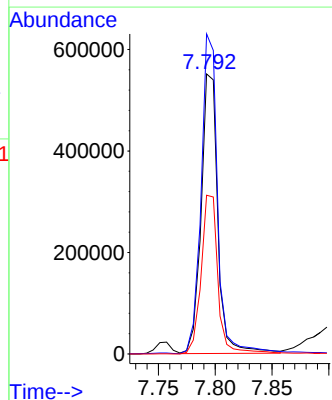
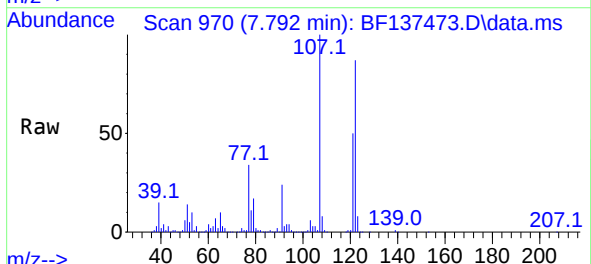
APPROVED

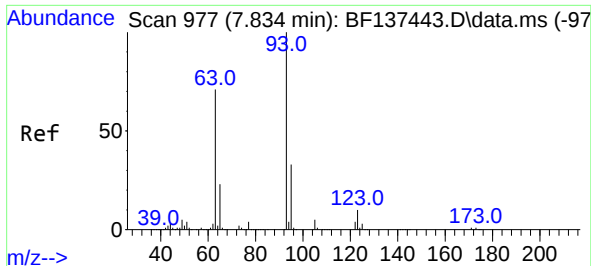
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#27
2,4-Dimethylphenol
Concen: 40.315 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:122 Resp: 565445
Ion Ratio Lower Upper
122 100
107 114.3 90.9 136.3
121 56.7 47.0 70.6





#28
bis(2-Chloroethoxy)methane
Concen: 43.245 ng
RT: 7.892 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

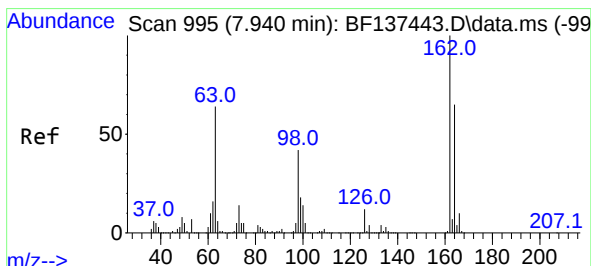
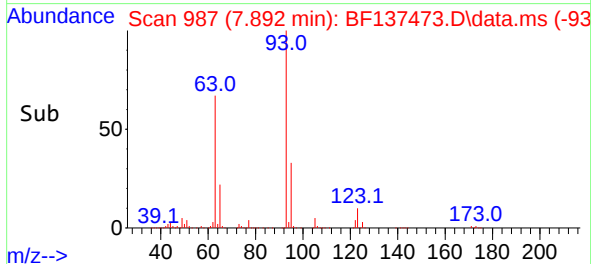
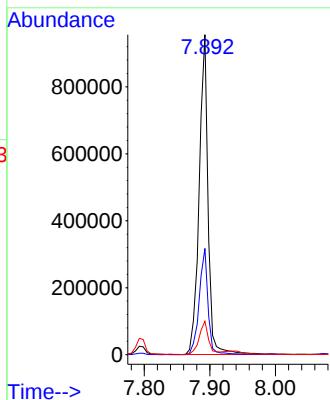
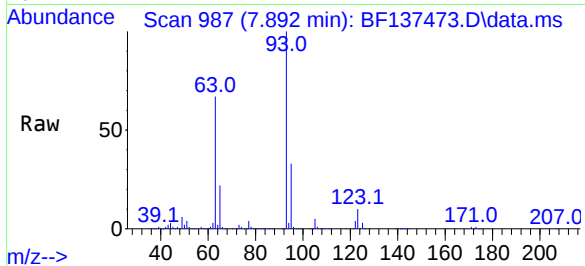
ClientSampleId :

PB159389BS

Tgt Ion: 93 Resp: 907272
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 10.4 8.0 12.0

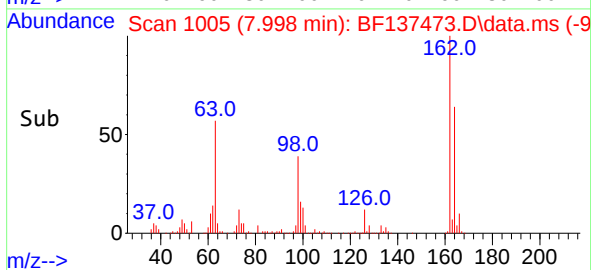
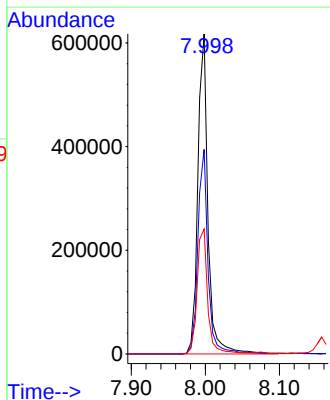
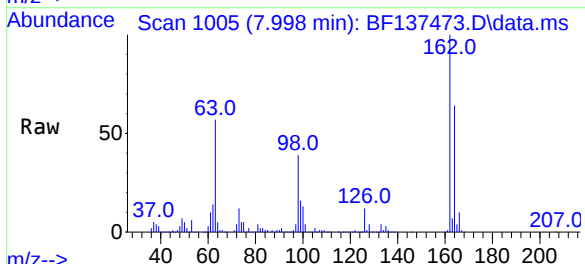
Manual Integrations
APPROVED

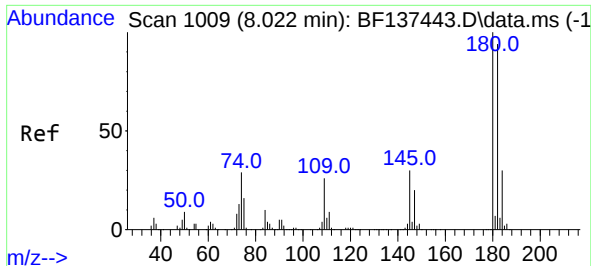
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#29
2,4-Dichlorophenol
Concen: 45.373 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:162 Resp: 584068
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 39.1 22.0 62.0





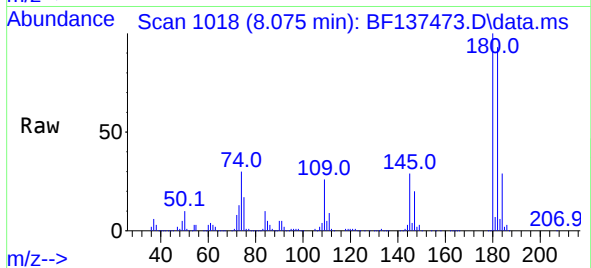
#30
1,2,4-Trichlorobenzene
Concen: 45.208 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

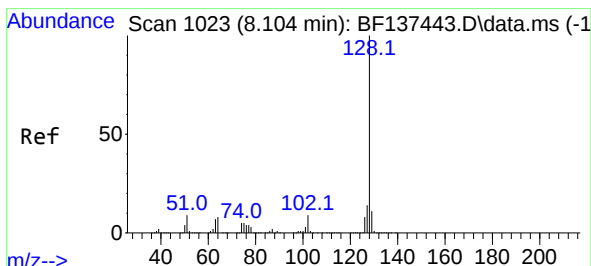
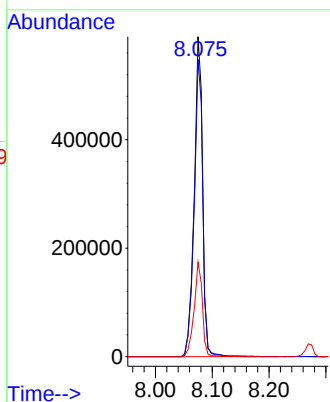
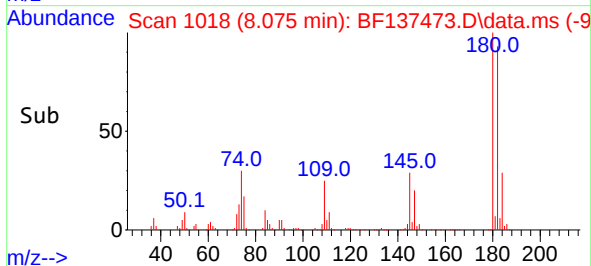


Tgt Ion:180 Resp: 61240
Ion Ratio Lower Upper
180 100
182 92.8 75.0 112.6
145 29.5 23.7 35.5

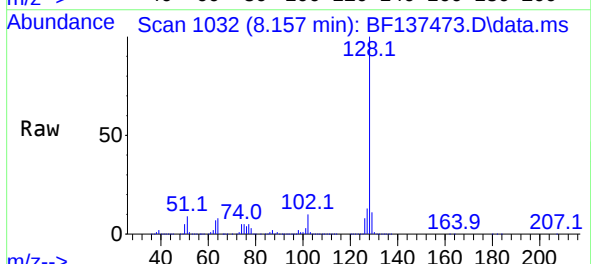
Manual Integrations

APPROVED

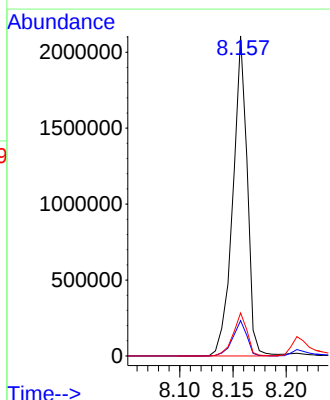
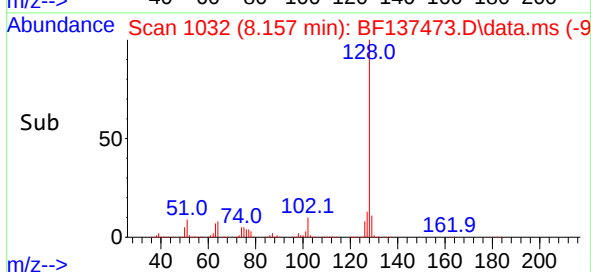
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

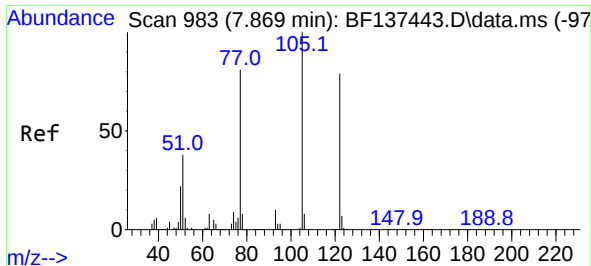


#31
Naphthalene
Concen: 42.035 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:128 Resp: 1972301
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.5 10.8 16.2





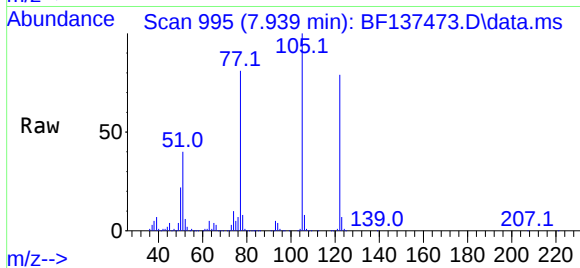
#32
Benzoic acid
Concen: 45.601 ng
RT: 7.939 min Scan# 941
Delta R.T. 0.012 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

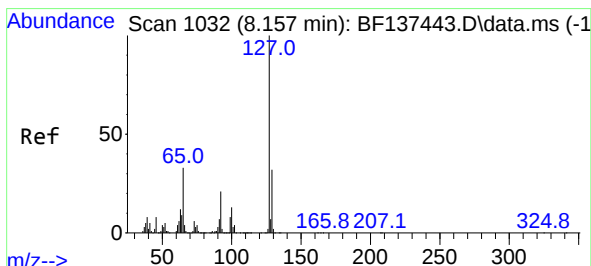
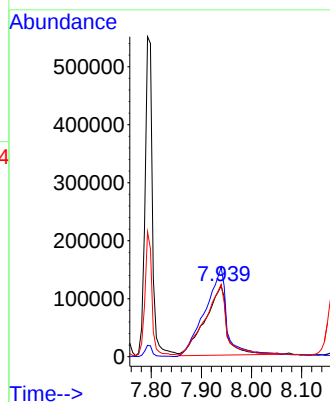
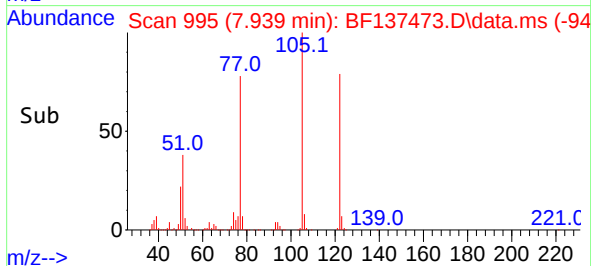


Tgt Ion:122 Resp: 365400
Ion Ratio Lower Upper
122 100
105 126.6 102.4 142.4
77 102.3 81.1 121.1

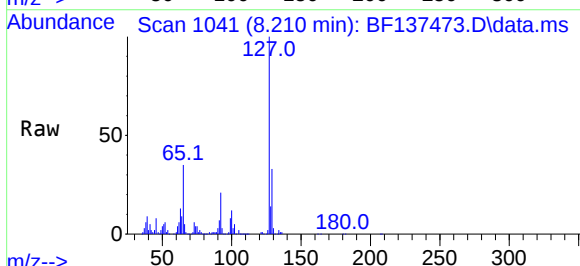
Manual Integrations

APPROVED

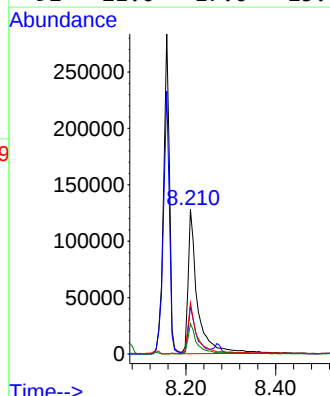
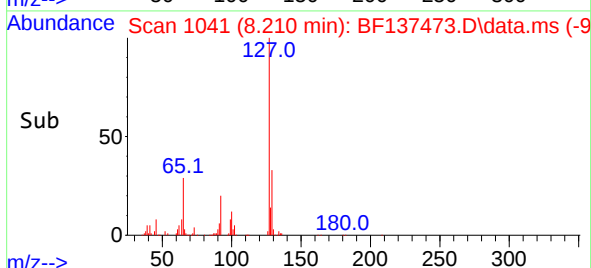
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

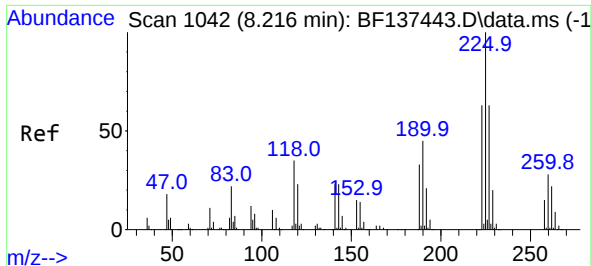


#33
4-Chloroaniline
Concen: 10.088 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:127 Resp: 185605
Ion Ratio Lower Upper
127 100
129 33.3 26.0 39.0
65 35.4 26.8 40.2
92 21.0 17.0 25.6





#34
Hexachlorobutadiene
Concen: 43.970 ng
RT: 8.275 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

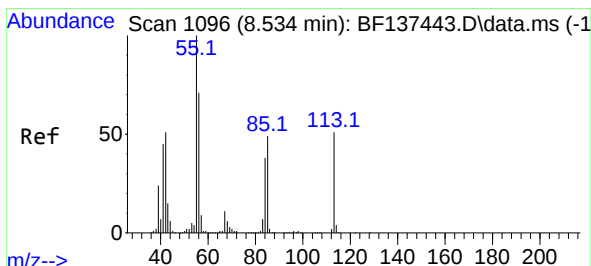
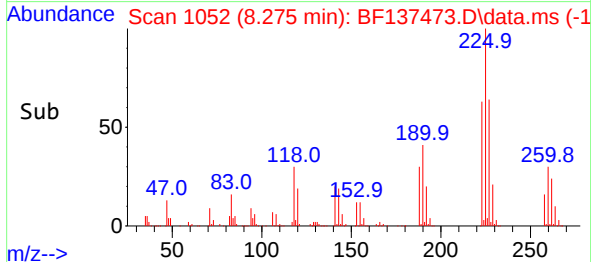
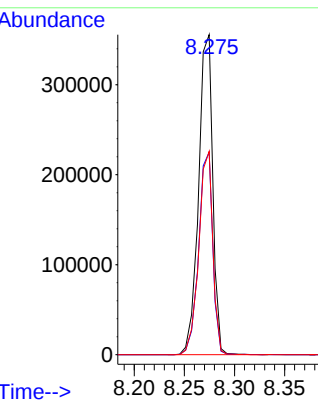
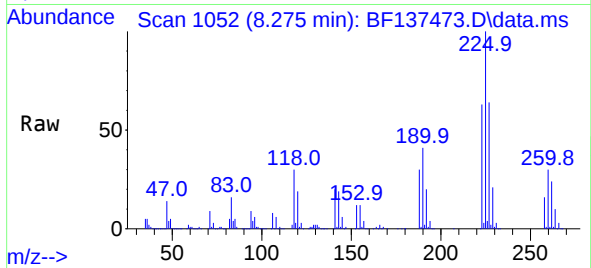
PB159389BS

Tgt Ion:225 Resp: 351644
Ion Ratio Lower Upper
225 100
223 63.3 50.7 76.1
227 63.5 50.6 75.8

Manual Integrations

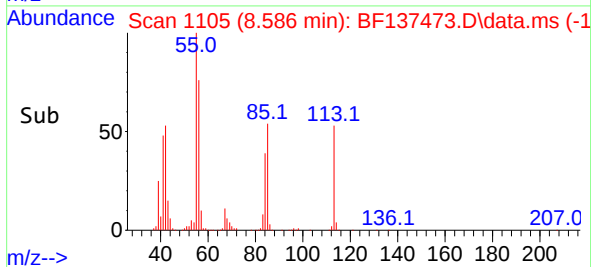
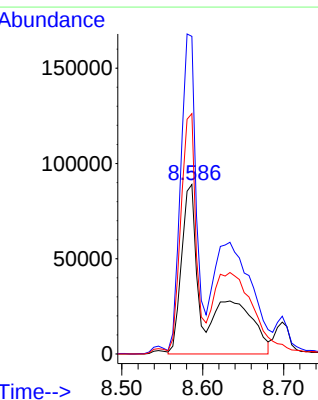
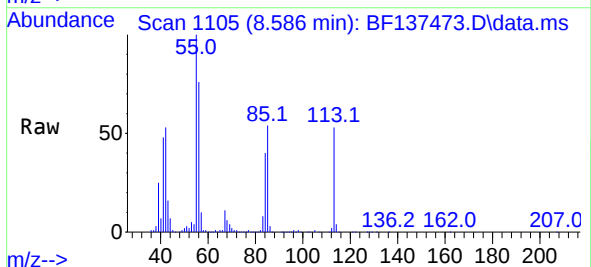
APPROVED

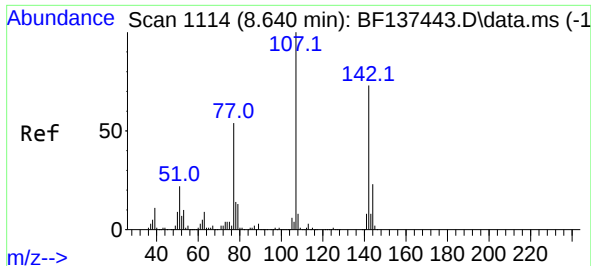
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#35
Caprolactam
Concen: 47.798 ng m
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:113 Resp: 208634
Ion Ratio Lower Upper
113 100
55 187.3 176.7 216.7
56 141.8 120.6 160.6





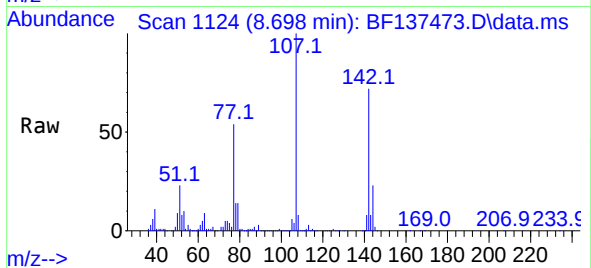
#36
4-Chloro-3-methylphenol
Concen: 45.743 ng
RT: 8.698 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS



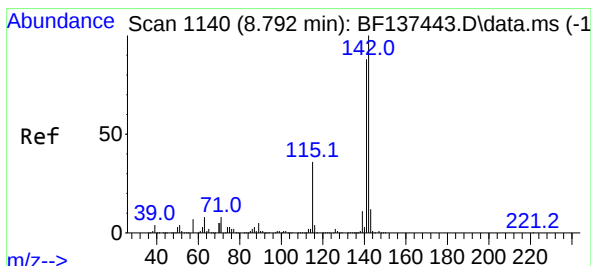
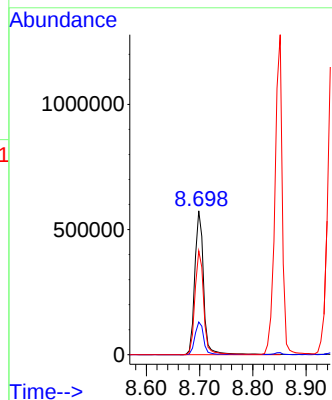
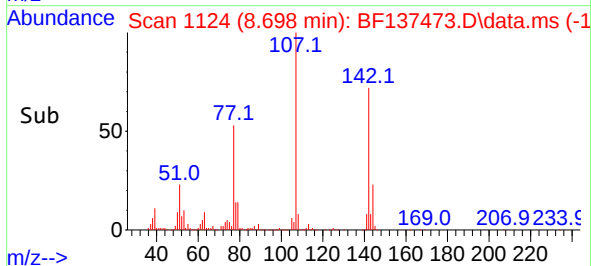
Tgt Ion:107 Resp: 658189
Ion Ratio Lower Upper
107 100
144 22.7 18.7 28.1
142 72.2 58.2 87.2

Manual Integrations

APPROVED

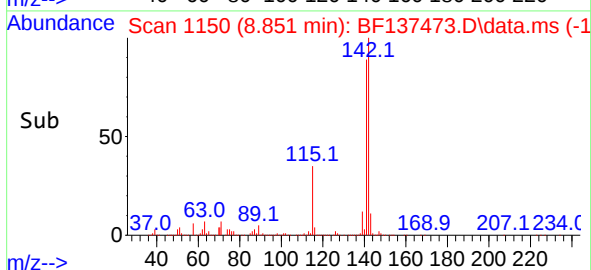
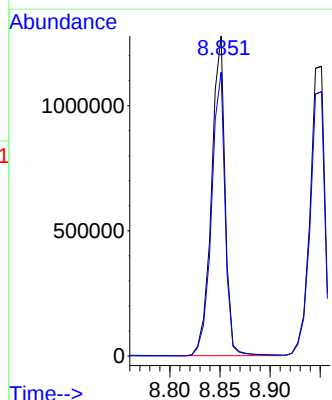
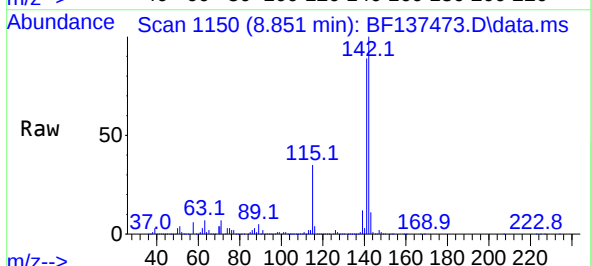
Reviewed By :Yogesh Patel 03/04/2024

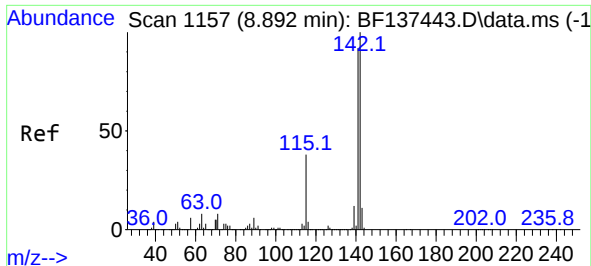
Supervised By :mohammad ahmed 03/04/2024



#37
2-Methylnaphthalene
Concen: 40.553 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:142 Resp: 1213010
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6





#38
1-Methylnaphthalene
Concen: 41.898 ng
RT: 8.951 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

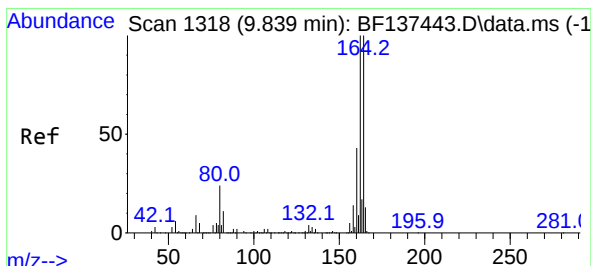
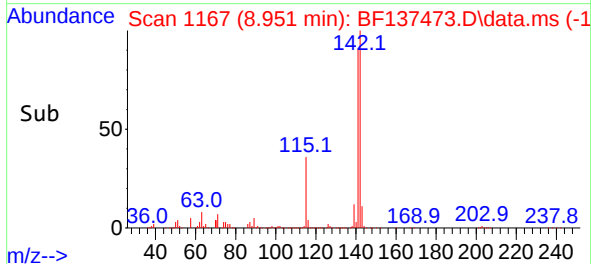
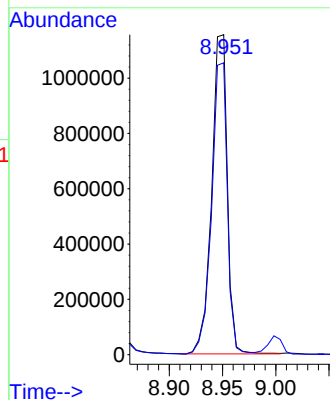
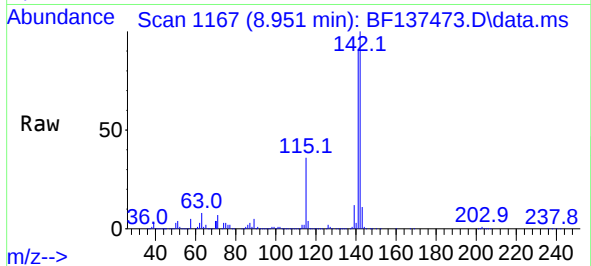
PB159389BS

Tgt Ion:142 Resp: 118021
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2

Manual Integrations

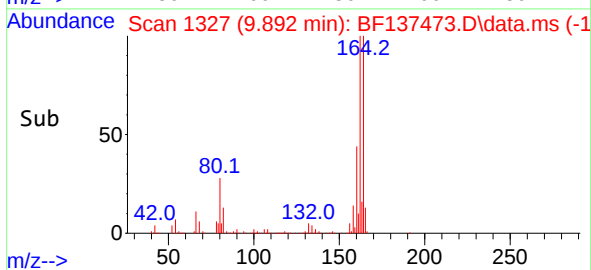
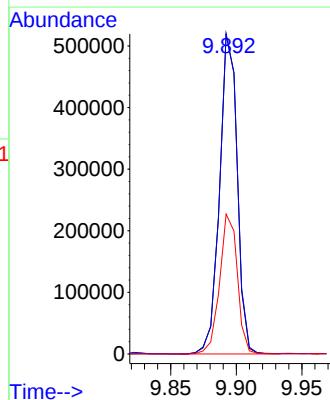
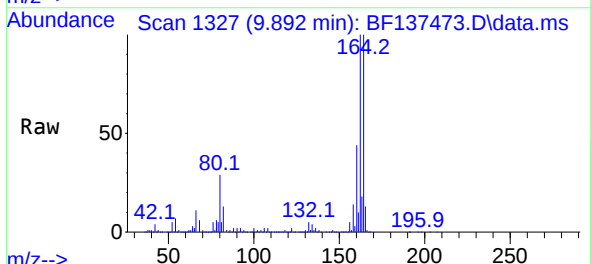
APPROVED

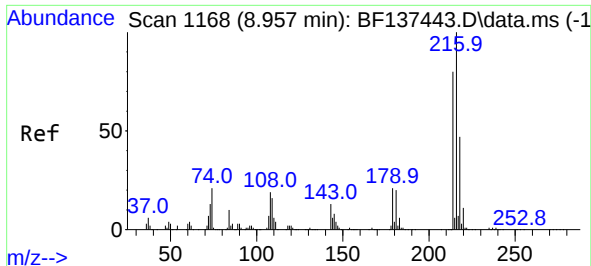
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:164 Resp: 483370
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 43.8 34.4 51.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.093 ng
RT: 9.016 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

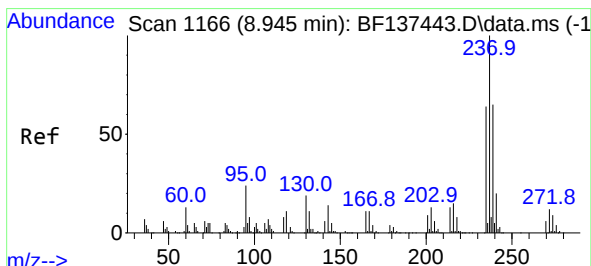
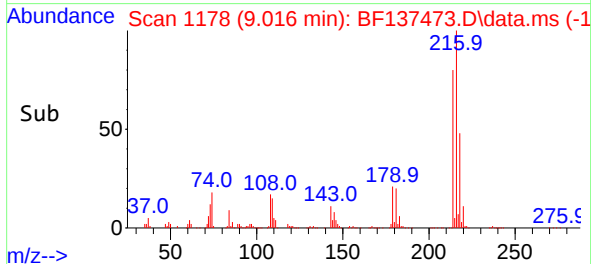
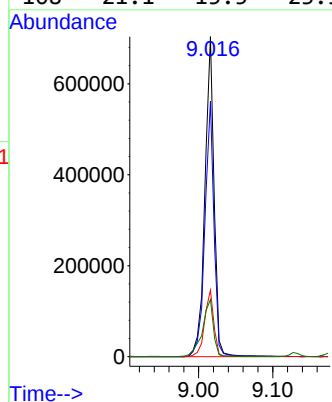
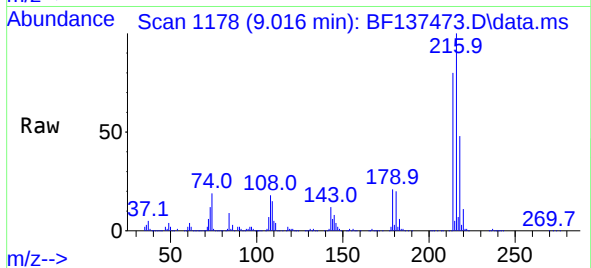
PB159389BS

Tgt Ion:216 Resp: 608512
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 20.9 16.6 25.0
108 21.1 15.5 23.3

Manual Integrations

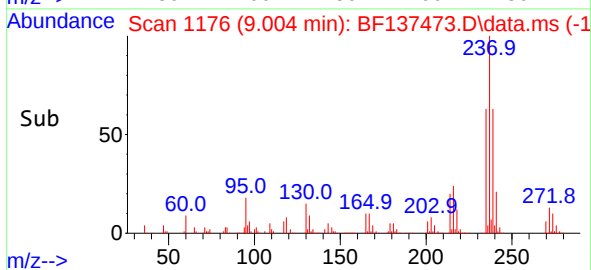
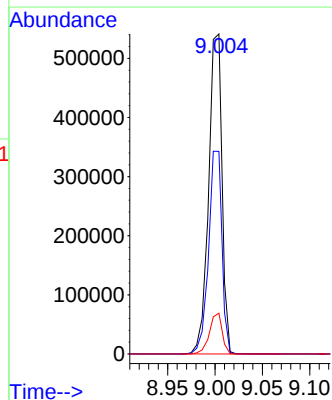
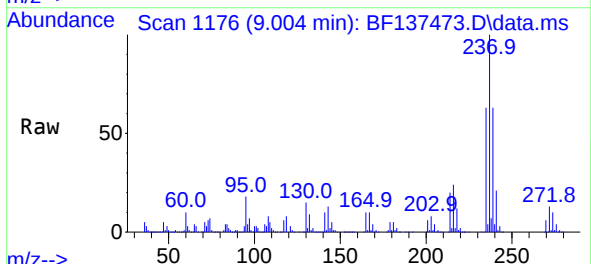
APPROVED

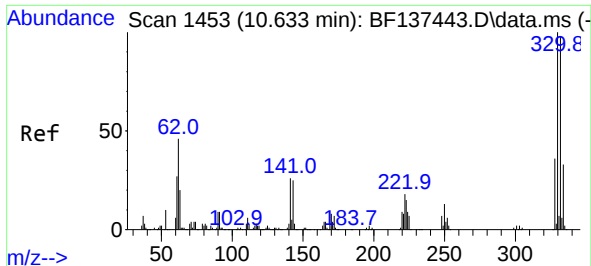
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#41
Hexachlorocyclopentadiene
Concen: 94.701 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:237 Resp: 530817
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 12.8 0.0 31.9





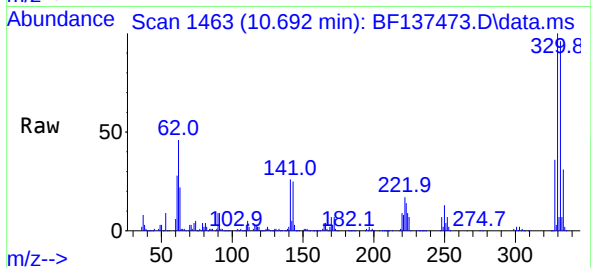
#42
2,4,6-Tribromophenol
Concen: 139.124 ng
RT: 10.692 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS



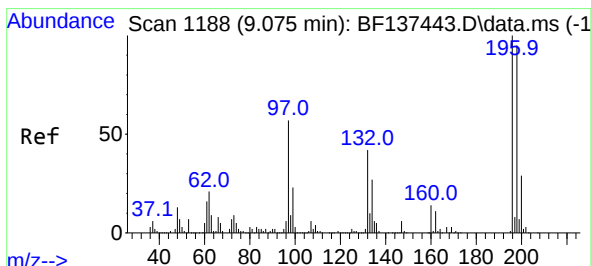
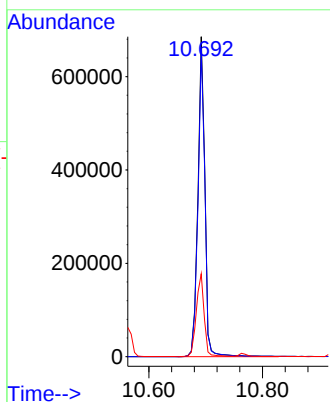
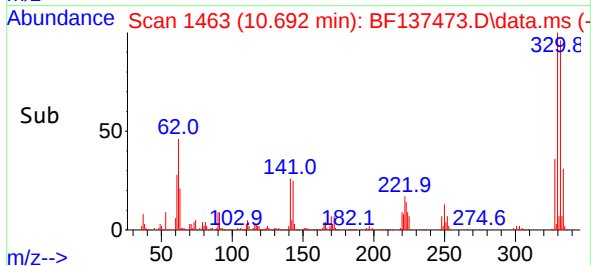
Tgt Ion:330 Resp: 590558
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 29.1 27.3 40.9

Manual Integrations

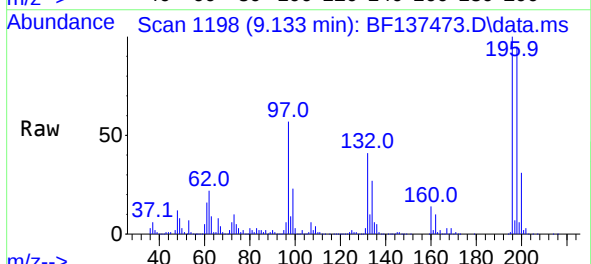
APPROVED

Reviewed By :Yogesh Patel 03/04/2024

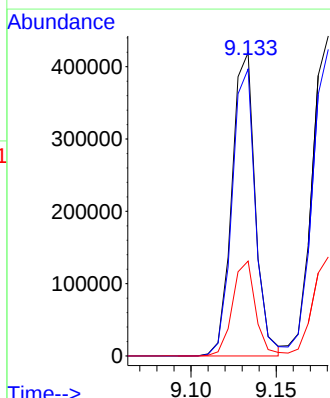
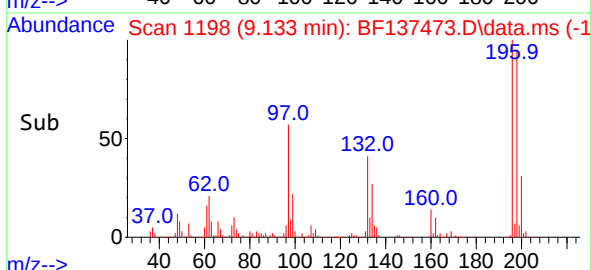
Supervised By :mohammad ahmed 03/04/2024

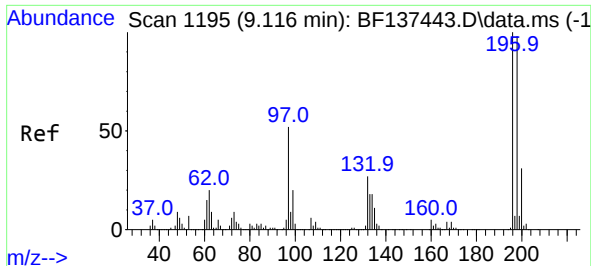


#43
2,4,6-Trichlorophenol
Concen: 45.748 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:196 Resp: 402023
Ion Ratio Lower Upper
196 100
198 94.6 75.8 113.8
200 31.3 23.5 35.3





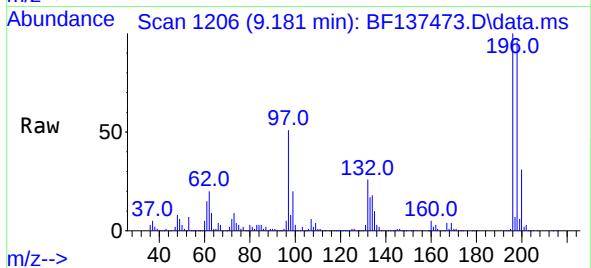
#44
2,4,5-Trichlorophenol
Concen: 42.590 ng
RT: 9.181 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

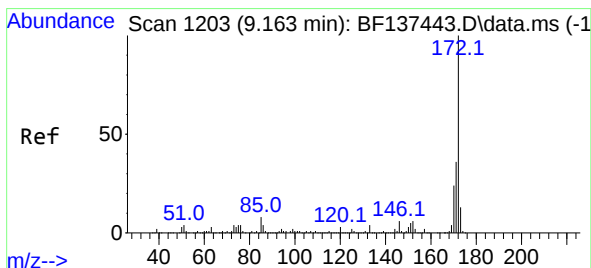
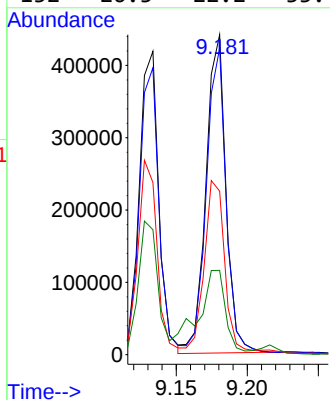
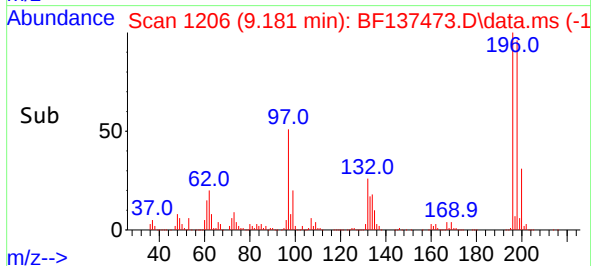


Tgt Ion:196 Resp: 431130
Ion Ratio Lower Upper
196 100
198 95.8 78.6 117.8
97 51.1 41.8 62.8
132 26.3 22.2 33.4

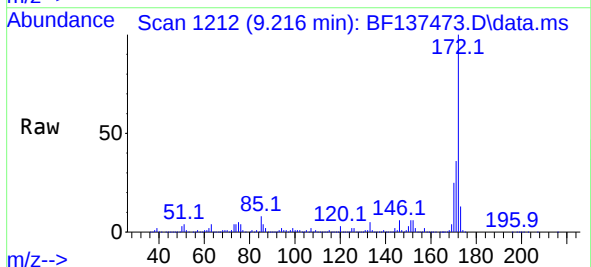
Manual Integrations

APPROVED

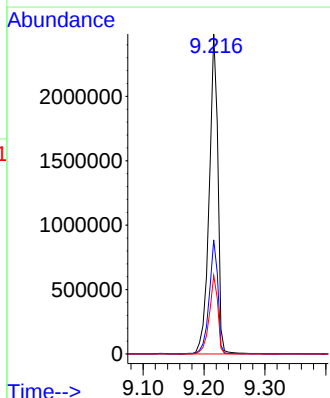
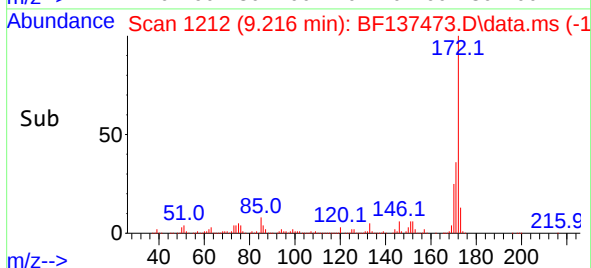
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

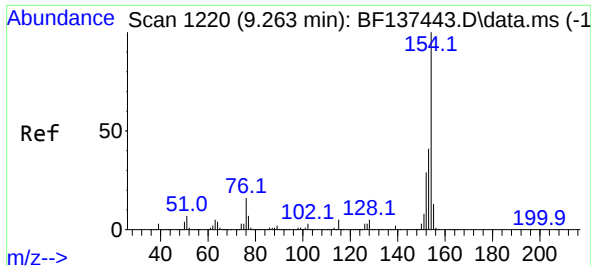


#45
2-Fluorobiphenyl
Concen: 79.965 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:172 Resp: 2469237
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.5 19.0 28.6





#46
1,1'-Biphenyl
Concen: 43.955 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

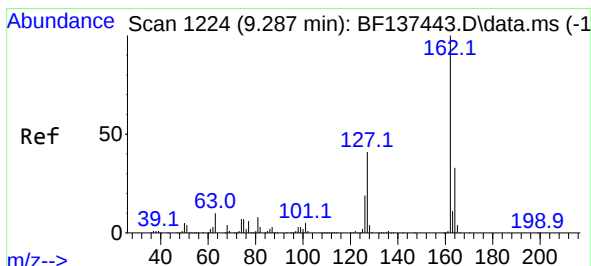
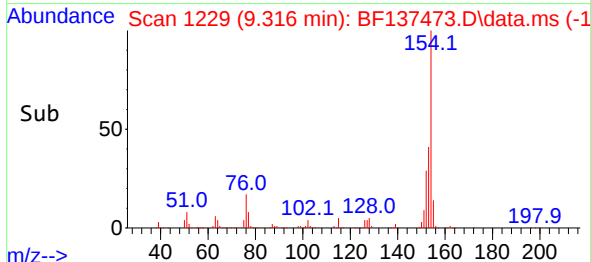
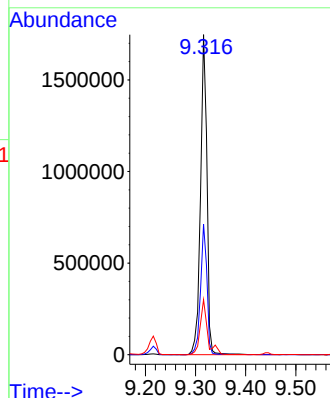
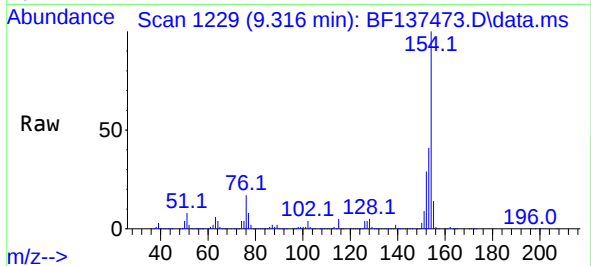
PB159389BS

Tgt Ion:154 Resp: 155506
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 17.2 0.0 35.8

Manual Integrations

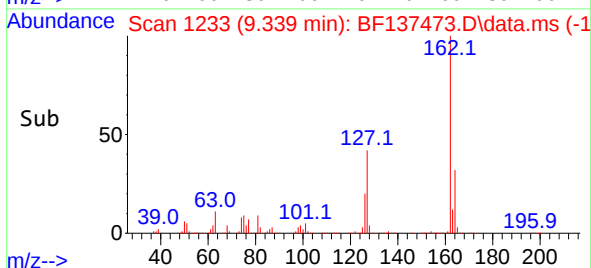
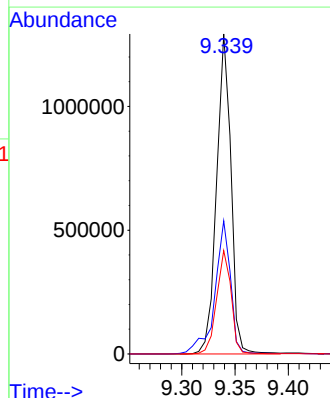
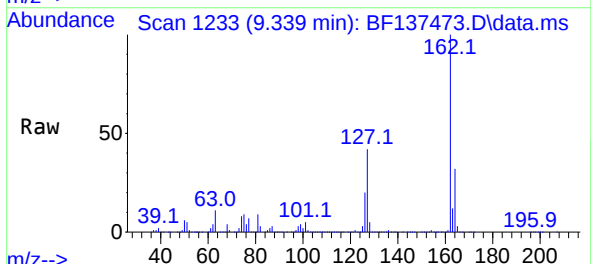
APPROVED

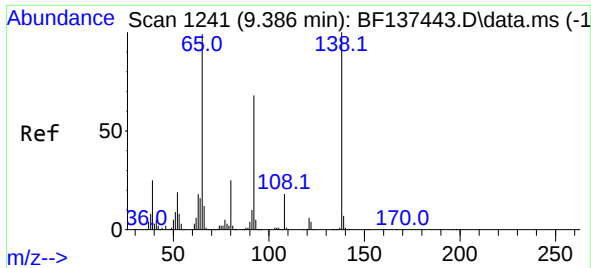
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#47
2-Chloronaphthalene
Concen: 44.978 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:162 Resp: 1213187
Ion Ratio Lower Upper
162 100
127 41.6 32.6 49.0
164 32.3 26.5 39.7





#48
2-Nitroaniline
Concen: 47.690 ng
RT: 9.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

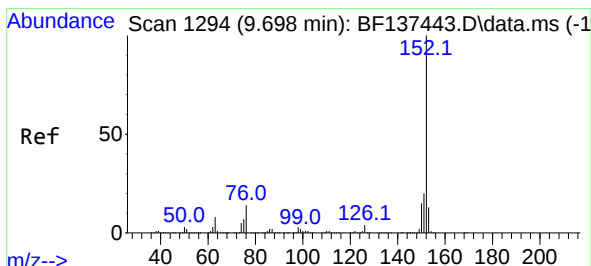
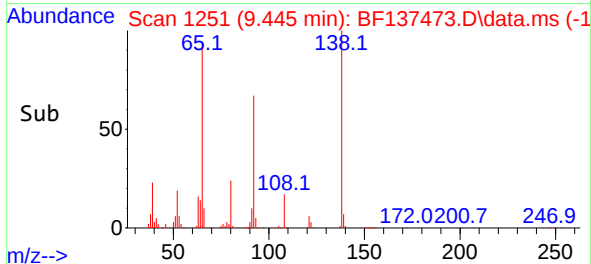
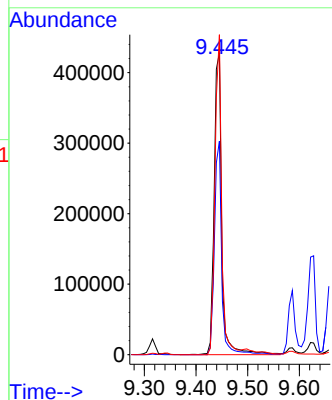
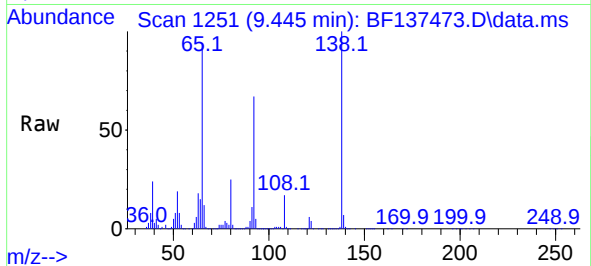
PB159389BS

Tgt Ion: 65 Resp: 43722
Ion Ratio Lower Upper
65 100
92 70.7 55.4 83.2
138 105.9 81.0 121.6

Manual Integrations

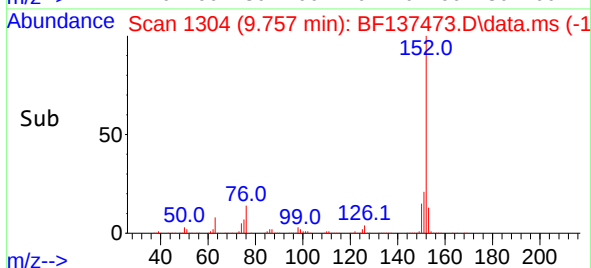
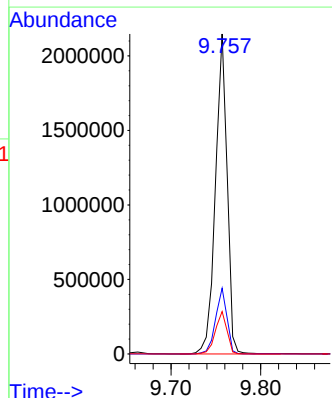
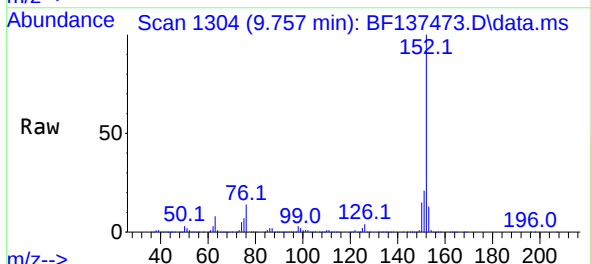
APPROVED

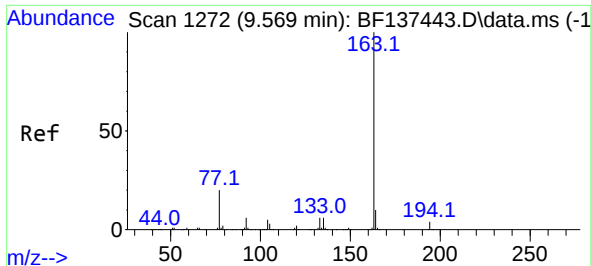
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#49
Acenaphthylene
Concen: 44.914 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:152 Resp: 1938763
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.2 10.8 16.2





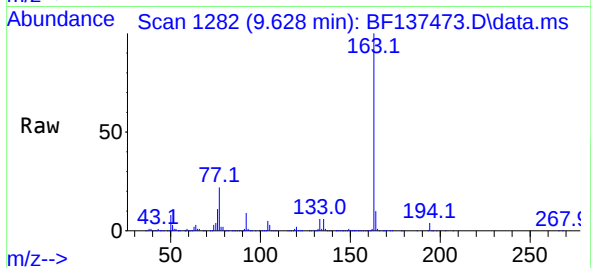
#50
Dimethylphthalate
Concen: 43.404 ng
RT: 9.628 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS



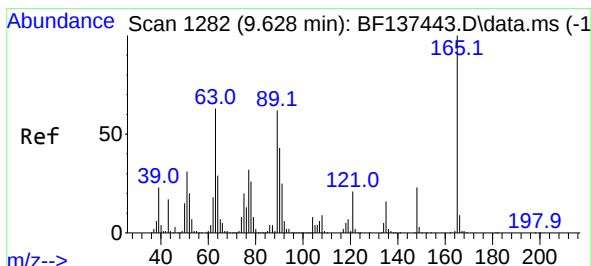
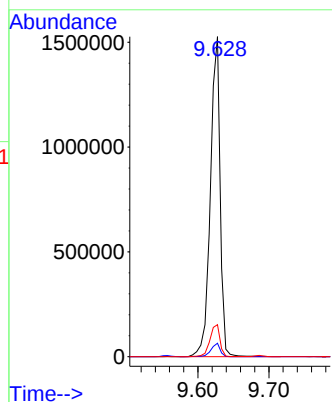
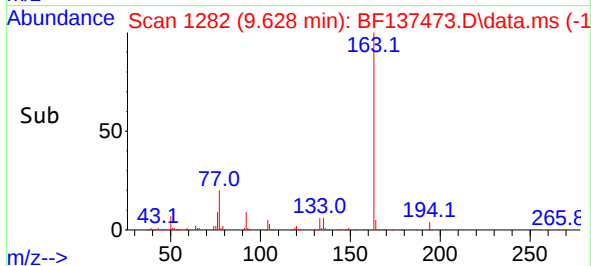
Tgt Ion:163 Resp: 1460460
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.1 12.1

Manual Integrations

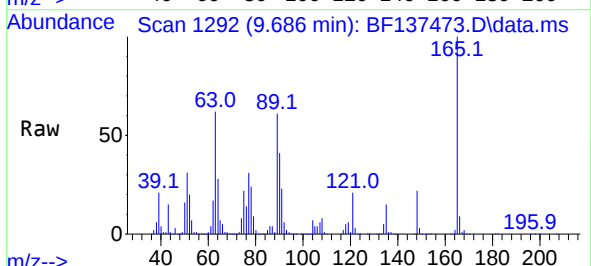
APPROVED

Reviewed By :Yogesh Patel 03/04/2024

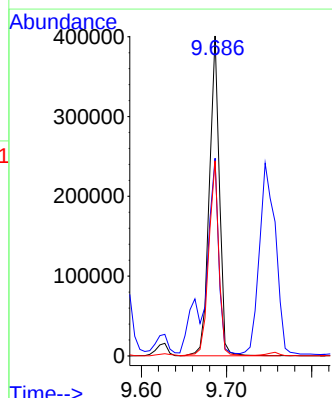
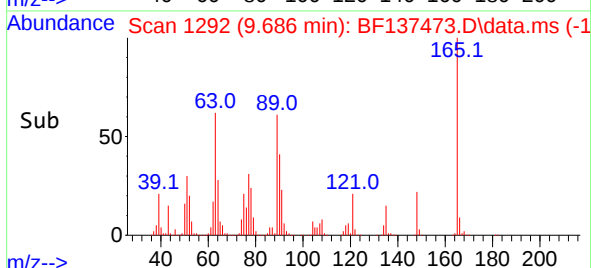
Supervised By :mohammad ahmed 03/04/2024

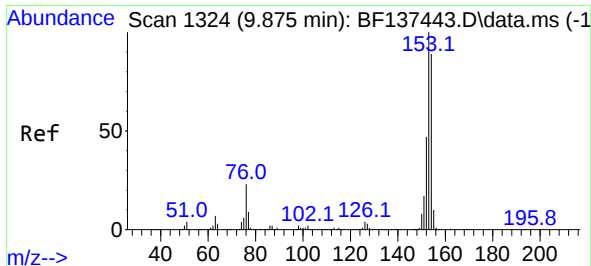


#51
2,6-Dinitrotoluene
Concen: 46.593 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:165 Resp: 327915
Ion Ratio Lower Upper
165 100
63 61.8 50.7 76.1
89 61.0 50.0 75.0





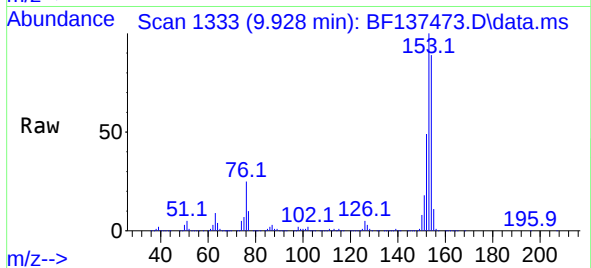
#52
Acenaphthene
Concen: 42.206 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

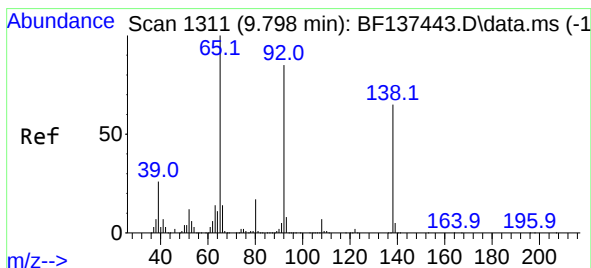
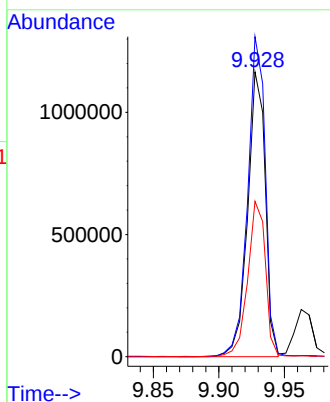
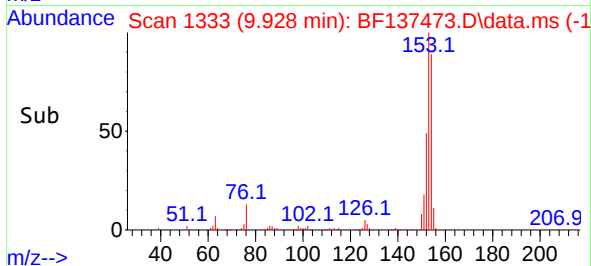


Tgt Ion:154 Resp: 1087659
Ion Ratio Lower Upper
154 100
153 112.3 90.3 135.5
152 54.5 42.7 64.1

Manual Integrations

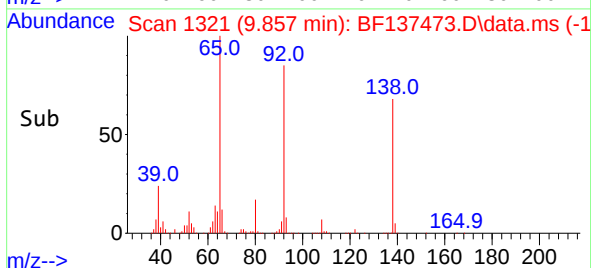
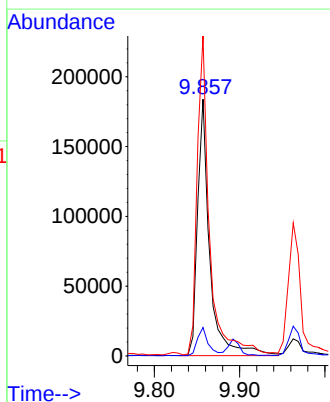
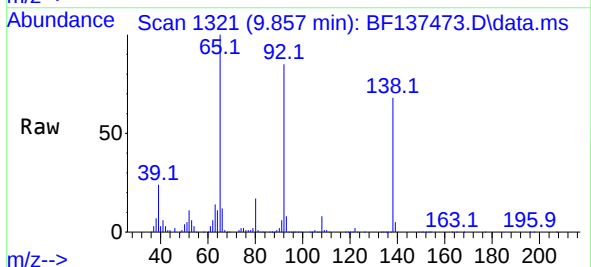
APPROVED

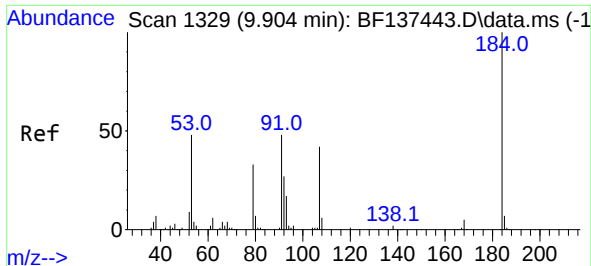
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#53
3-Nitroaniline
Concen: 24.485 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:138 Resp: 182269
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 124.6 104.6 157.0





#54
2,4-Dinitrophenol
Concen: 95.829 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

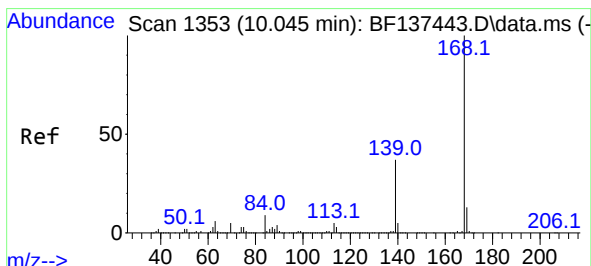
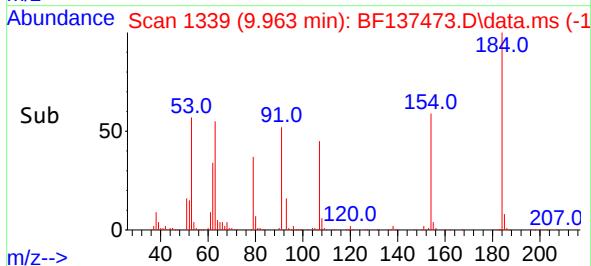
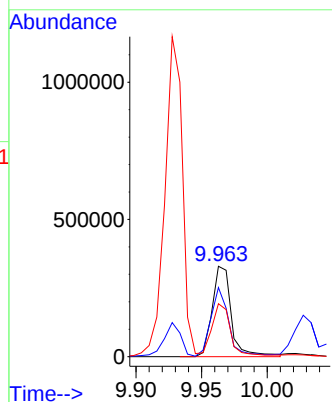
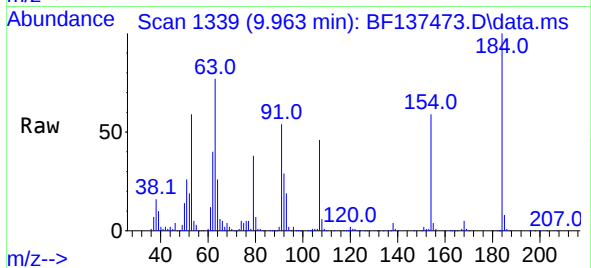
PB159389BS

Tgt Ion:184 Resp: 335180
Ion Ratio Lower Upper
184 100
63 76.6 53.3 79.9
154 58.7 47.4 71.0

Manual Integrations

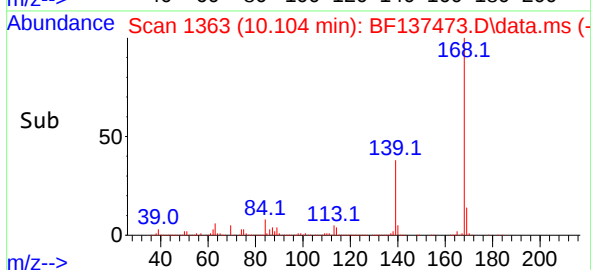
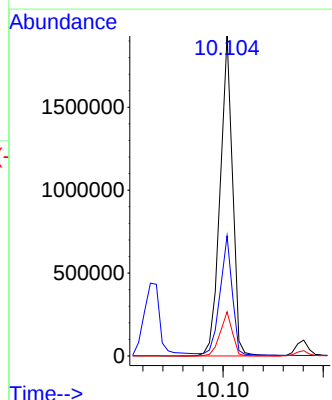
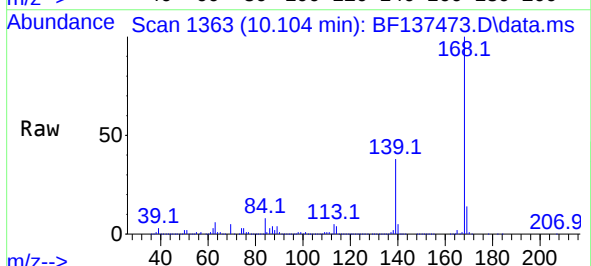
APPROVED

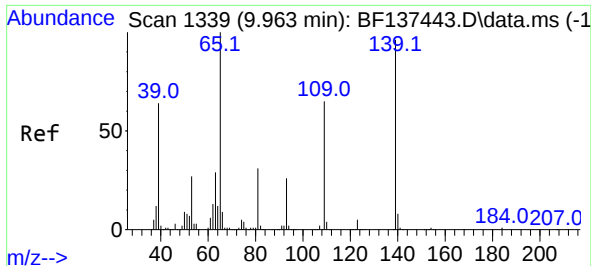
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#55
Dibenzofuran
Concen: 42.388 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:168 Resp: 1663750
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.8 10.8 16.2





#56
4-Nitrophenol
Concen: 93.295 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

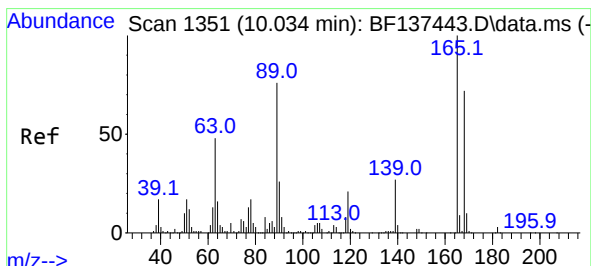
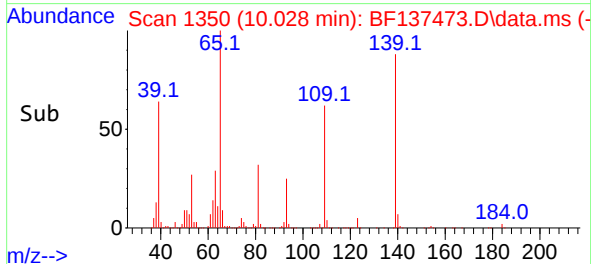
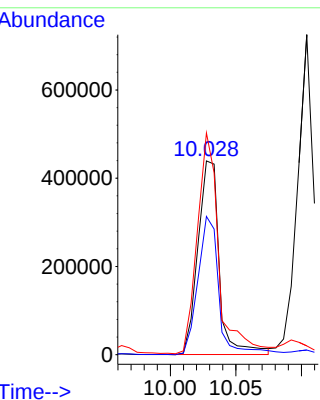
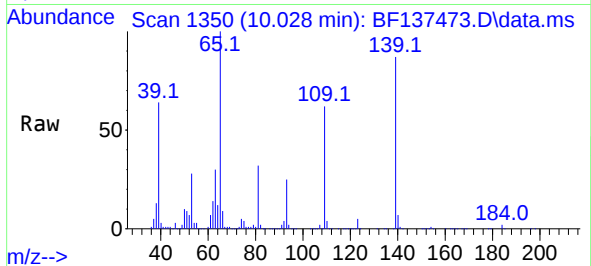
ClientSampleId :

PB159389BS

Tgt Ion:139 Resp: 49833
Ion Ratio Lower Upper
139 100
109 71.4 47.1 87.1
65 114.5 85.1 125.1

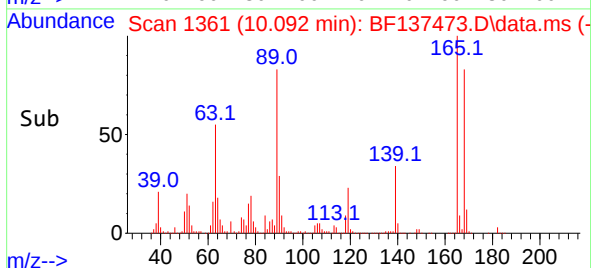
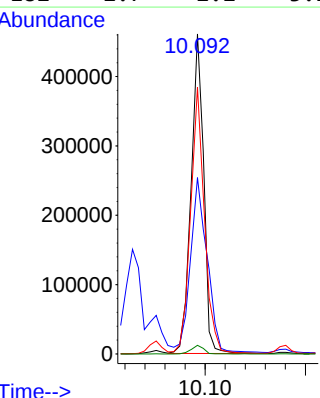
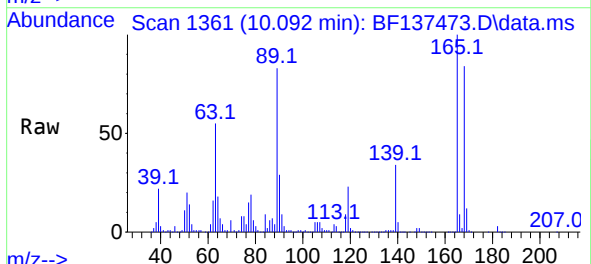
Manual Integrations
APPROVED

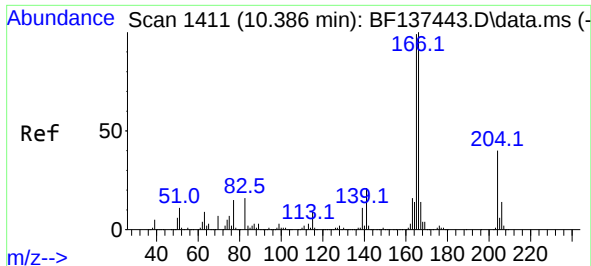
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#57
2,4-Dinitrotoluene
Concen: 46.780 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:165 Resp: 404486
Ion Ratio Lower Upper
165 100
63 55.1 39.0 58.6
89 83.4 60.9 91.3
182 2.7 2.2 3.2





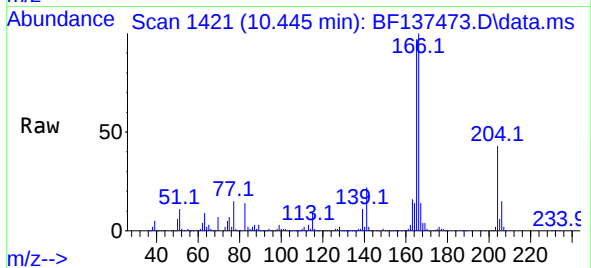
#58
Fluorene
Concen: 41.703 ng
RT: 10.445 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

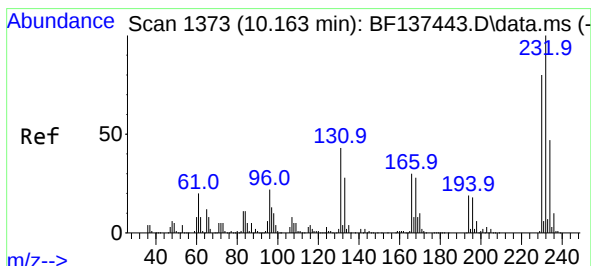
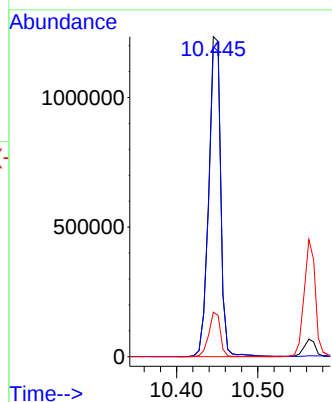
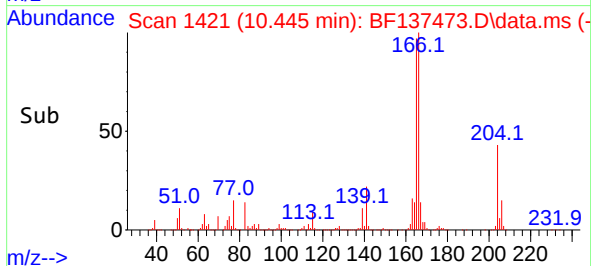


Tgt Ion:166 Resp: 125707
Ion Ratio Lower Upper
166 100
165 96.8 79.2 118.8
167 13.9 11.0 16.6

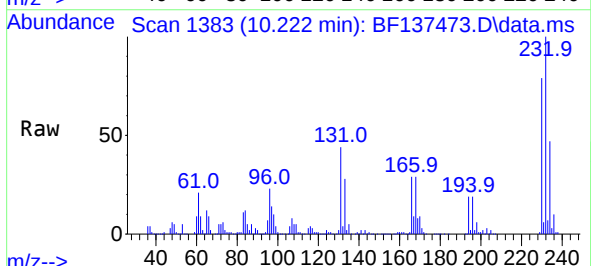
Manual Integrations

APPROVED

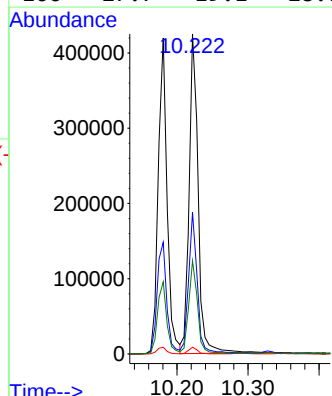
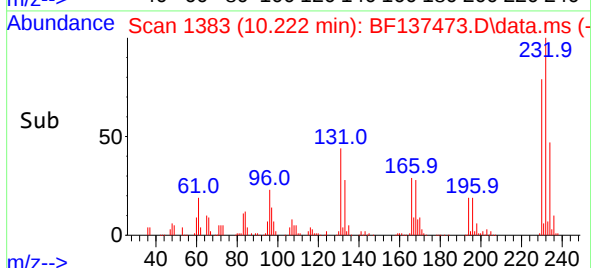
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

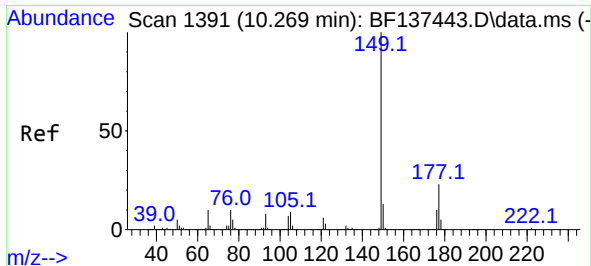


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.908 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:232 Resp: 372666
Ion Ratio Lower Upper
232 100
131 42.3 31.2 46.8
130 2.1 1.8 2.6
166 27.7 19.1 28.7





#60
Diethylphthalate
Concen: 43.668 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

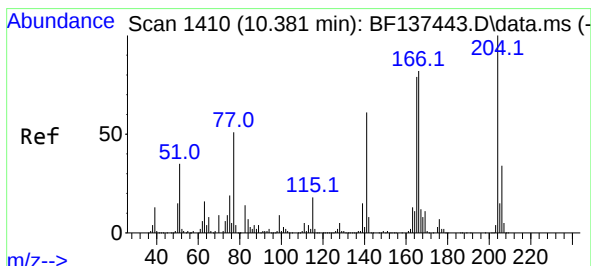
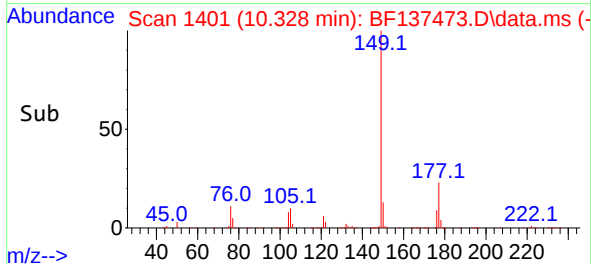
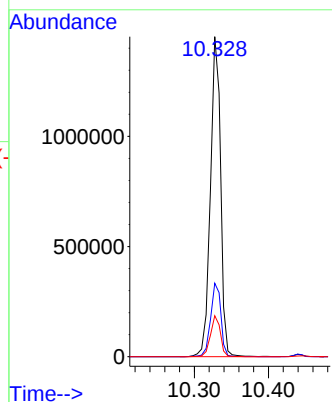
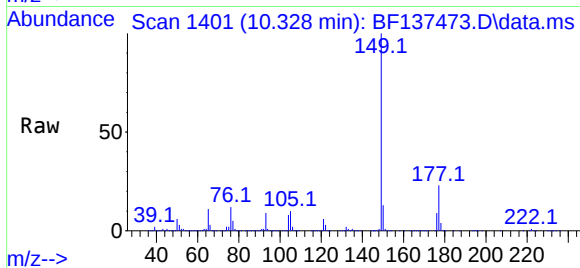
PB159389BS

Tgt Ion:149 Resp: 138753
Ion Ratio Lower Upper
149 100
177 22.9 18.7 28.1
150 12.8 10.2 15.4

Manual Integrations

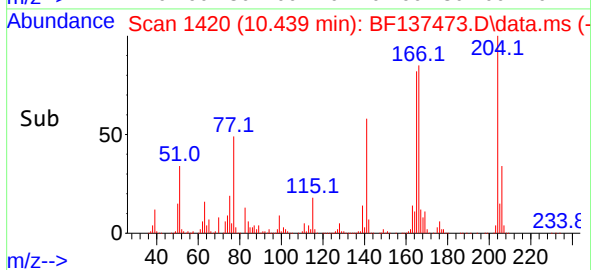
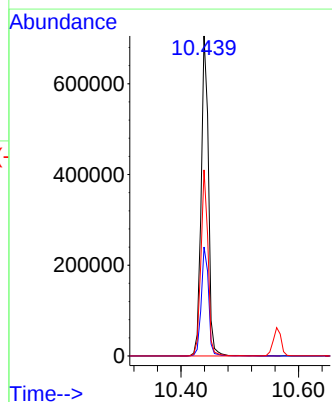
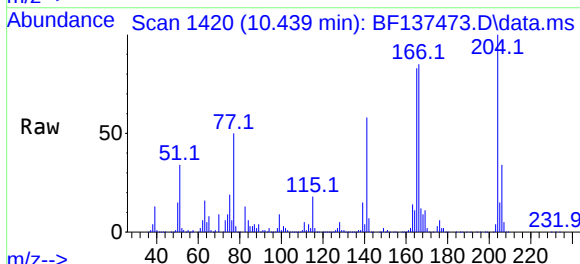
APPROVED

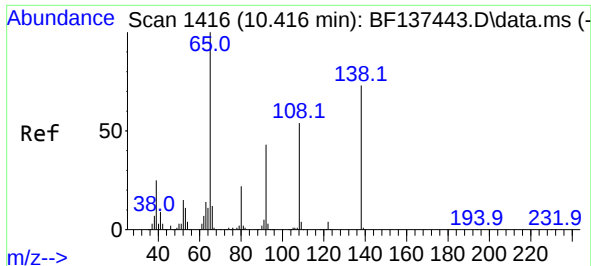
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#61
4-Chlorophenyl-phenylether
Concen: 40.994 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:204 Resp: 605615
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 58.2 48.4 72.6





#62
4-Nitroaniline
Concen: 44.757 ng
RT: 10.480 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

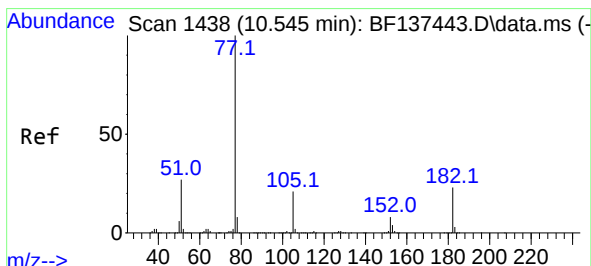
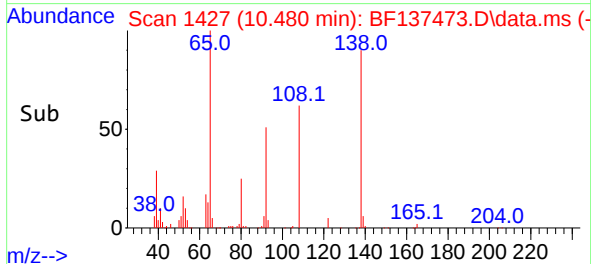
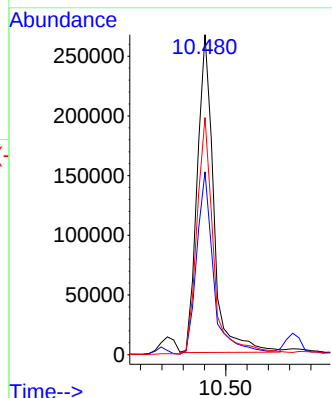
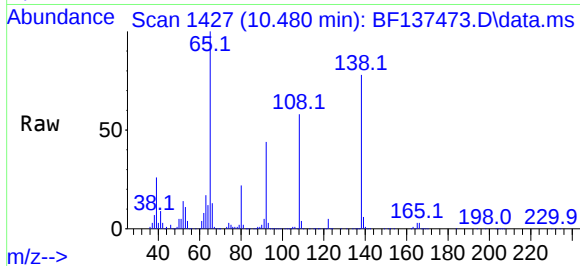
PB159389BS

Tgt Ion:138 Resp: 28636
Ion Ratio Lower Upper
138 100
92 57.1 37.9 77.9
108 74.1 53.2 93.2

Manual Integrations

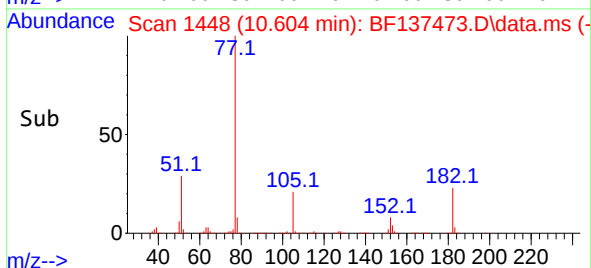
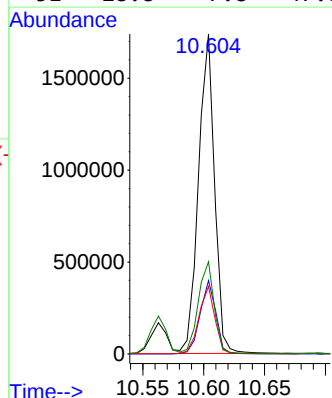
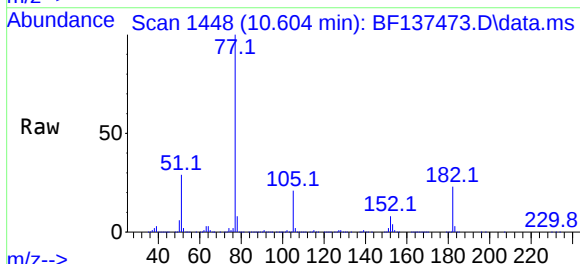
APPROVED

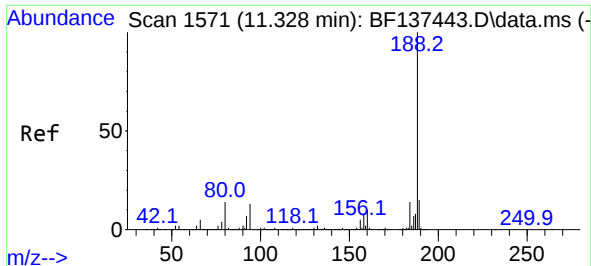
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#63
Azobenzene
Concen: 43.441 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion: 77 Resp: 1589445
Ion Ratio Lower Upper
77 100
182 23.0 3.2 43.2
105 21.1 1.2 41.2
51 28.8 7.8 47.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

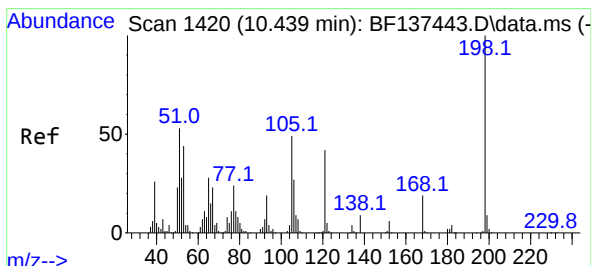
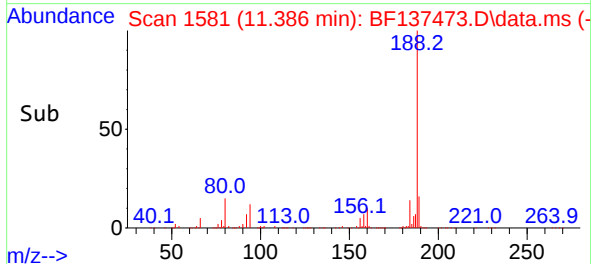
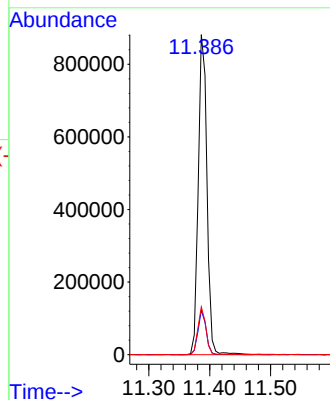
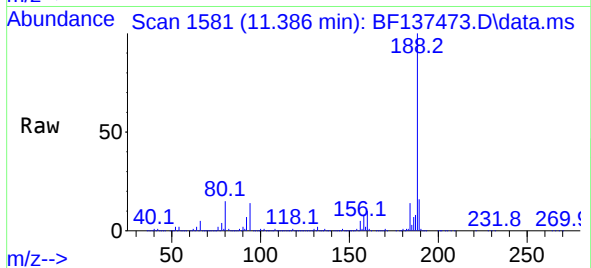
PB159389BS

Tgt Ion:188 Resp: 87215
Ion Ratio Lower Upper
188 100
94 13.9 10.6 15.8
80 15.0 11.5 17.3

Manual Integrations

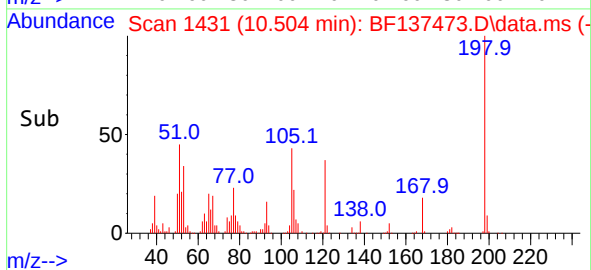
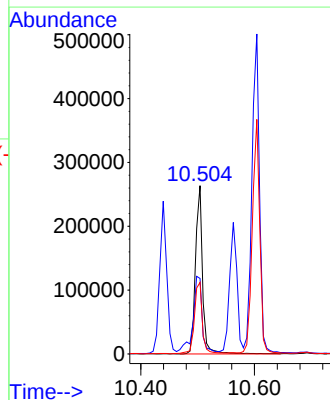
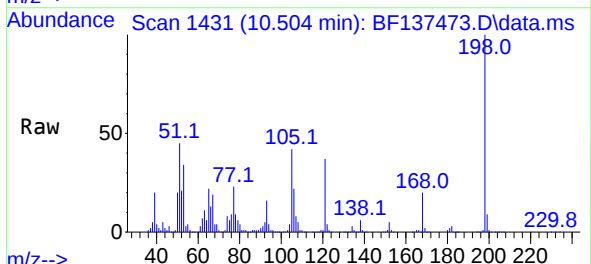
APPROVED

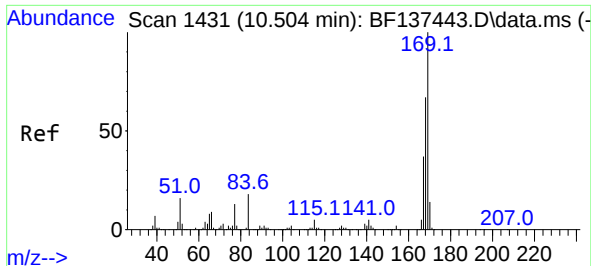
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 47.337 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:198 Resp: 230100
Ion Ratio Lower Upper
198 100
51 44.8 37.2 77.2
105 42.5 29.2 69.2





#66
n-Nitrosodiphenylamine
Concen: 41.830 ng
RT: 10.563 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

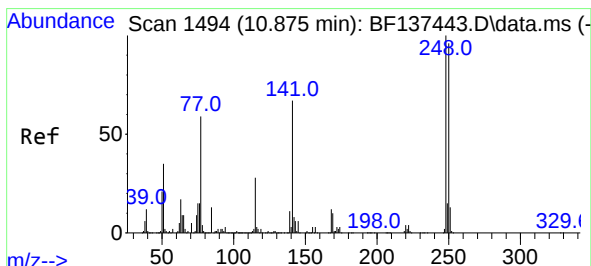
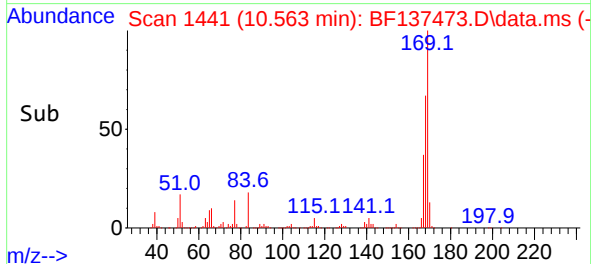
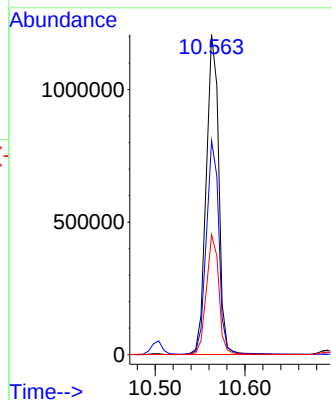
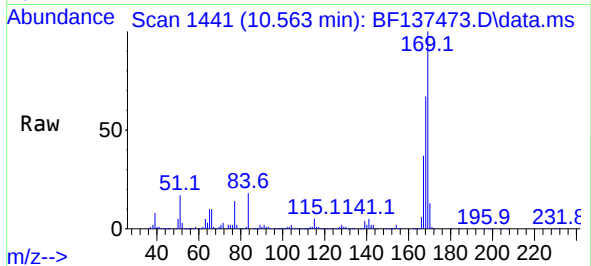
PB159389BS

Tgt Ion:169 Resp: 117479
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 37.4 29.6 44.4

Manual Integrations

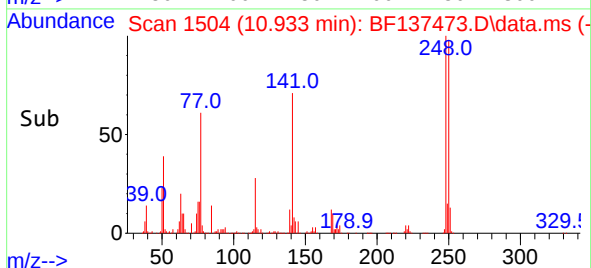
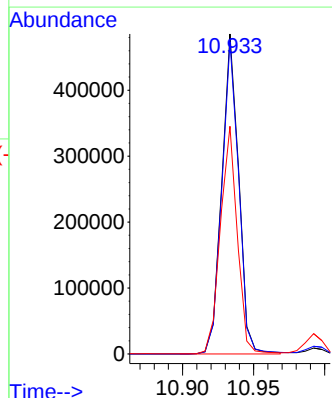
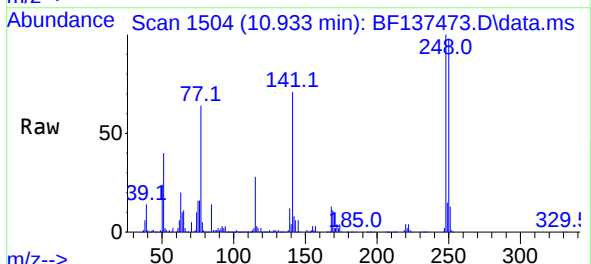
APPROVED

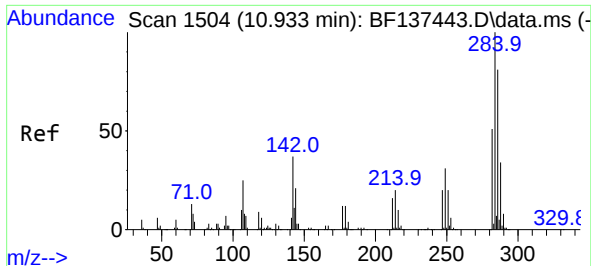
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#67
4-Bromophenyl-phenylether
Concen: 42.093 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:248 Resp: 399860
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 71.1 53.4 80.0





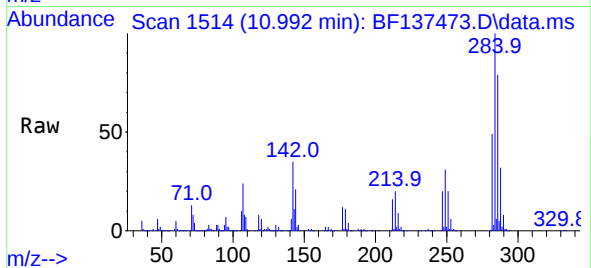
#68
Hexachlorobenzene
Concen: 45.815 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS



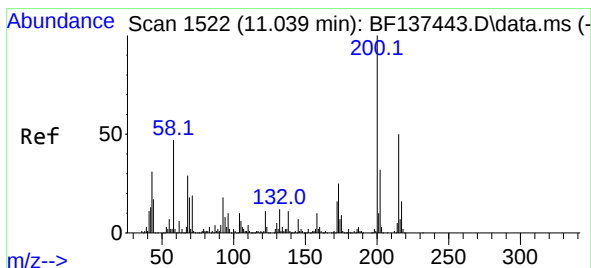
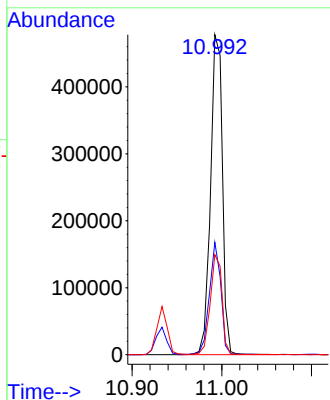
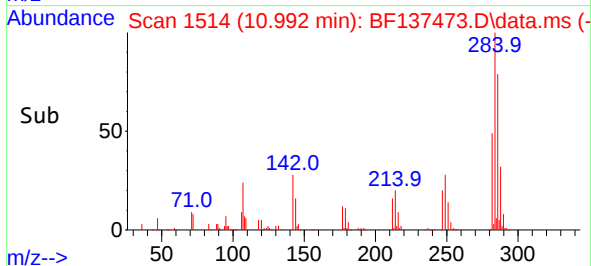
Tgt Ion:284 Resp: 43957
Ion Ratio Lower Upper
284 100
142 35.1 29.4 44.0
249 31.2 25.0 37.4

Manual Integrations

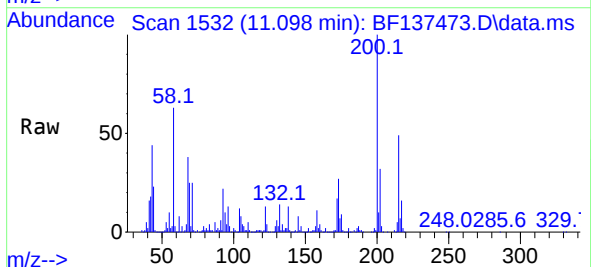
APPROVED

Reviewed By :Yogesh Patel 03/04/2024

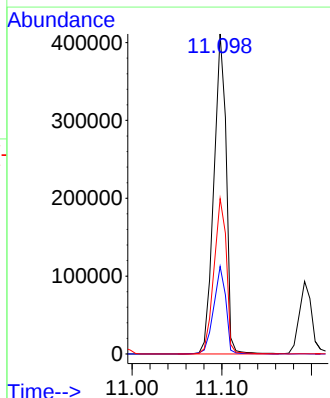
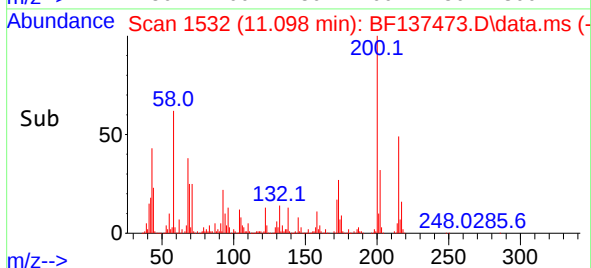
Supervised By :mohammad ahmed 03/04/2024

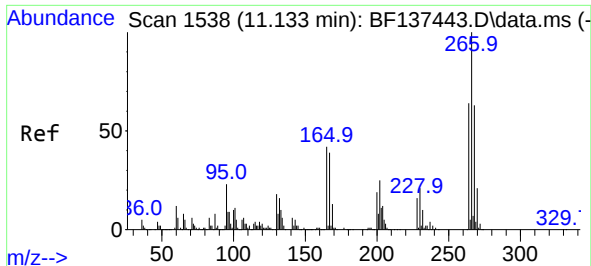


#69
Atrazine
Concen: 46.034 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:200 Resp: 393017
Ion Ratio Lower Upper
200 100
173 27.4 5.1 45.1
215 48.6 30.4 70.4





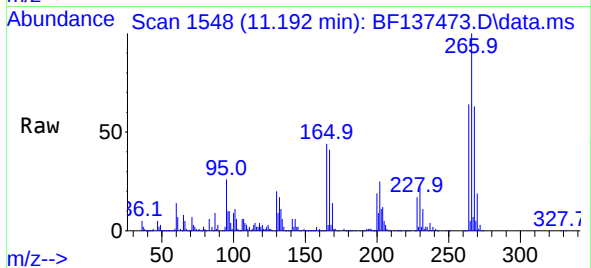
#70
Pentachlorophenol
Concen: 86.664 ng
RT: 11.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

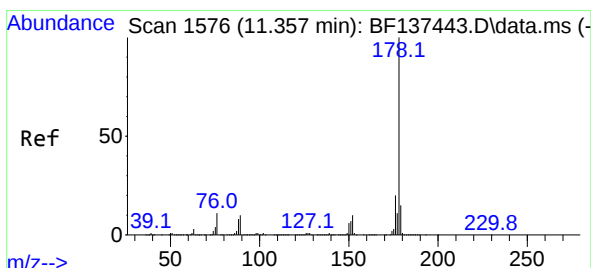
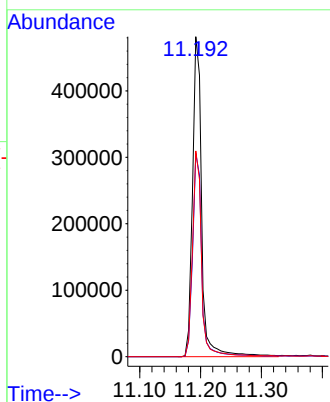
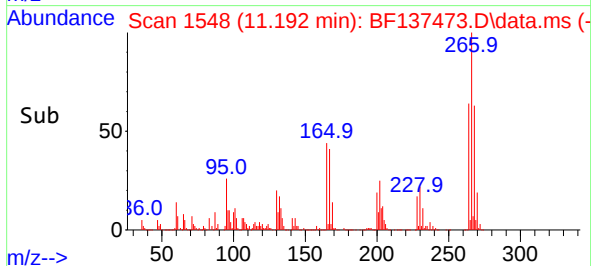


Tgt Ion:266 Resp: 502654
Ion Ratio Lower Upper
266 100
268 63.5 50.2 75.2
264 64.3 50.9 76.3

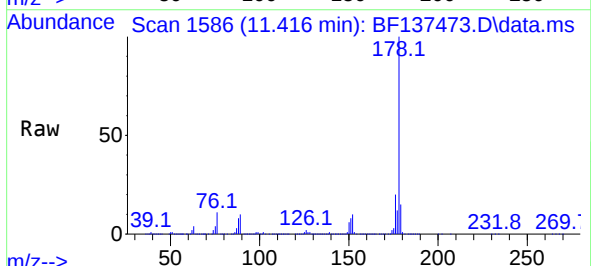
Manual Integrations

APPROVED

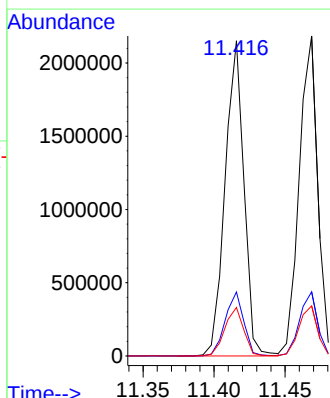
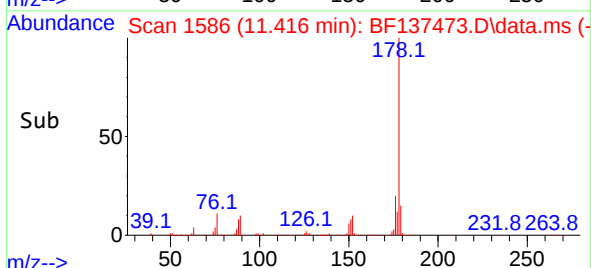
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

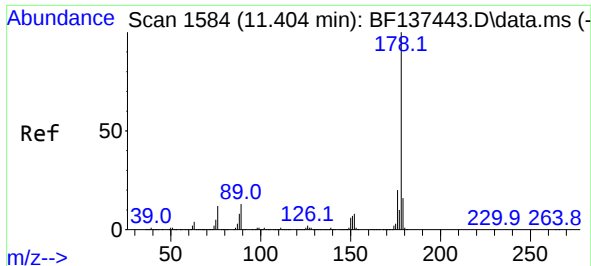


#71
Phenanthrene
Concen: 41.835 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:178 Resp: 1985659
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 15.4 12.2 18.2





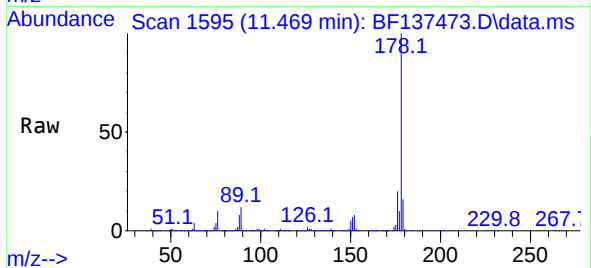
#72
Anthracene
Concen: 41.449 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

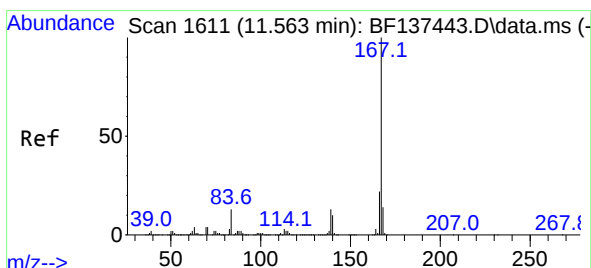
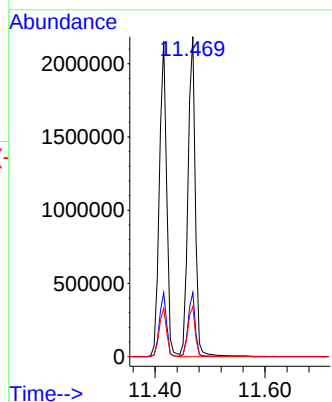
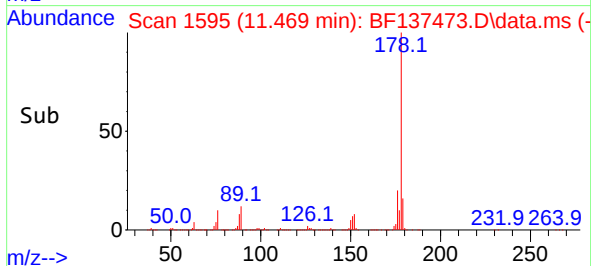


Tgt Ion:178 Resp: 202056
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 15.7 12.7 19.1

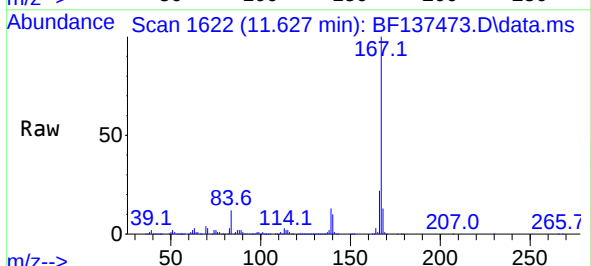
Manual Integrations

APPROVED

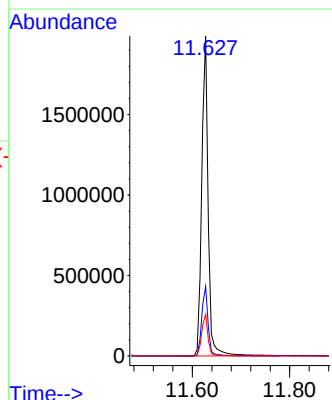
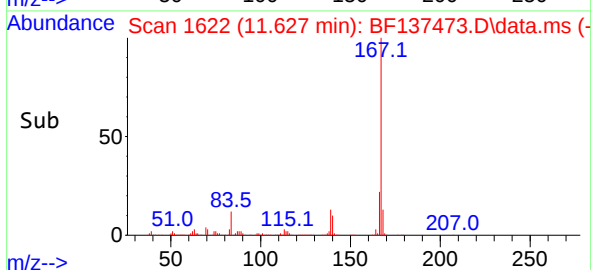
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

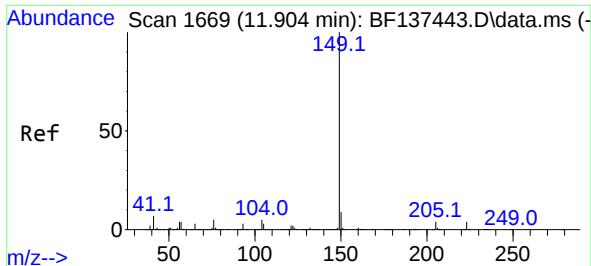


#73
Carbazole
Concen: 43.791 ng
RT: 11.627 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:167 Resp: 1828550
Ion Ratio Lower Upper
167 100
166 21.7 17.8 26.8
139 13.1 10.5 15.7





#74
Di-n-butylphthalate
Concen: 43.422 ng
RT: 11.963 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

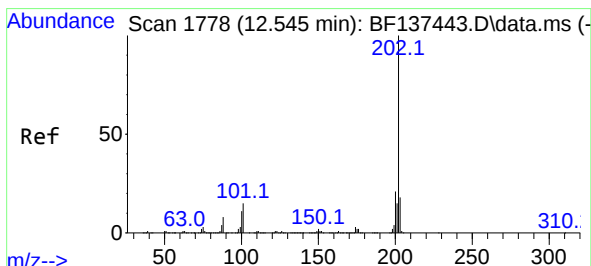
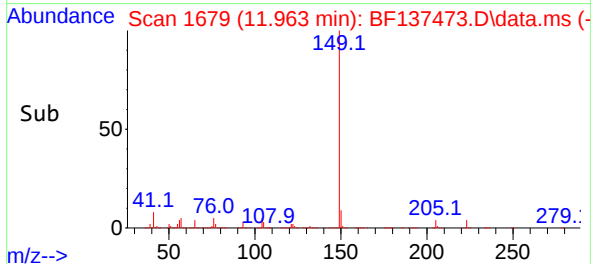
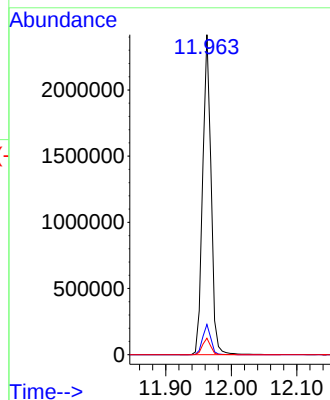
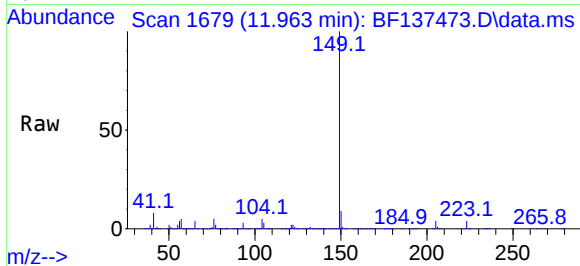
Tgt Ion:149 Resp: 2157229
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.1 3.8 5.6

Manual Integrations

APPROVED

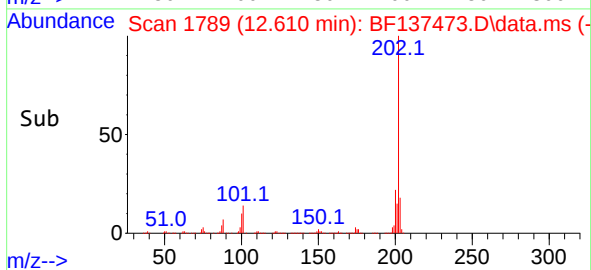
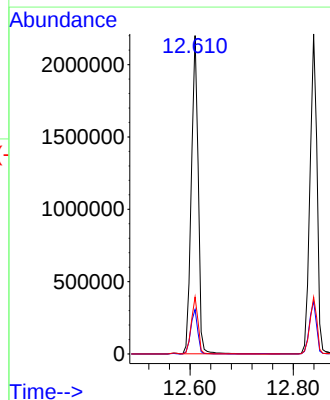
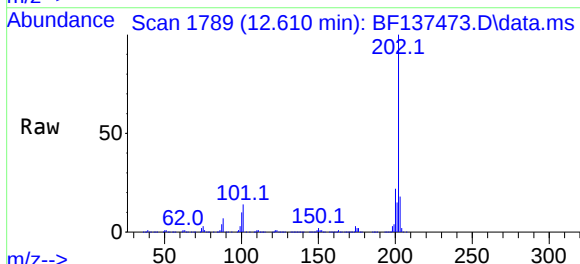
Reviewed By :Yogesh Patel 03/04/2024

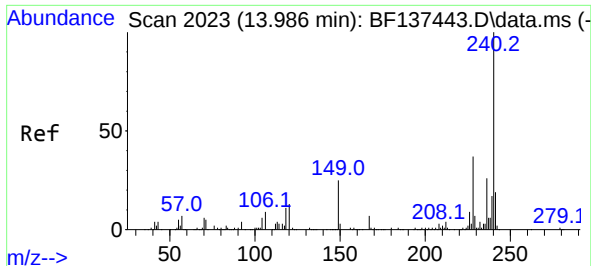
Supervised By :mohammad ahmed 03/04/2024



#75
Fluoranthene
Concen: 43.630 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:202 Resp: 2024227
Ion Ratio Lower Upper
202 100
101 14.0 0.0 35.0
203 17.9 0.0 37.7





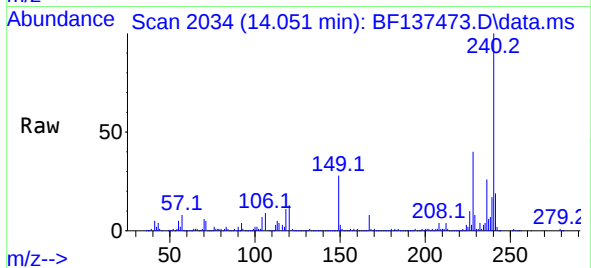
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS



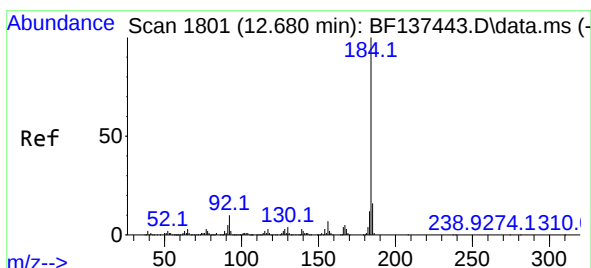
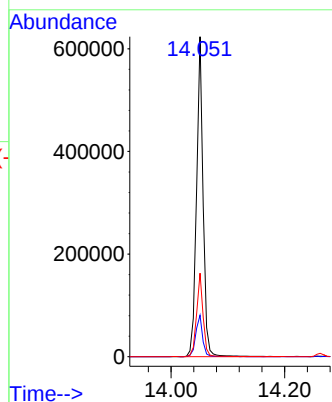
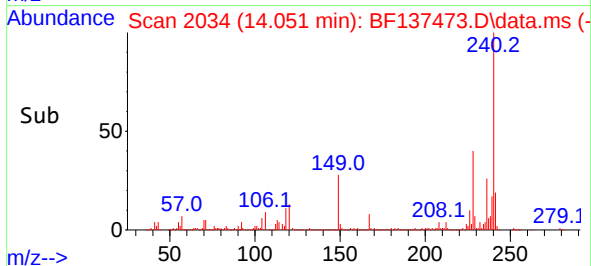
Tgt Ion:240 Resp: 504529
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.1 20.9 31.3

Manual Integrations

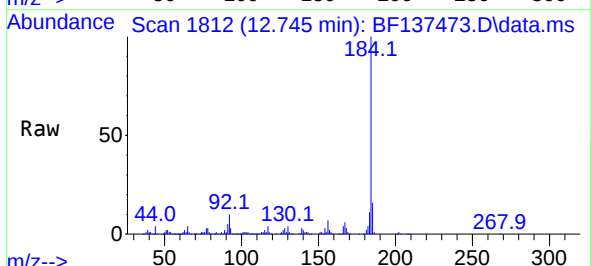
APPROVED

Reviewed By :Yogesh Patel 03/04/2024

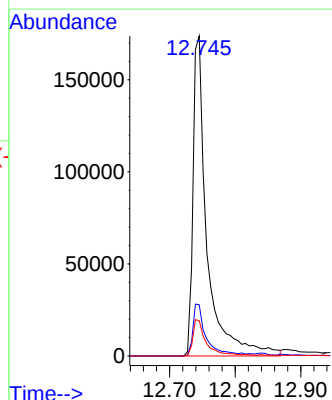
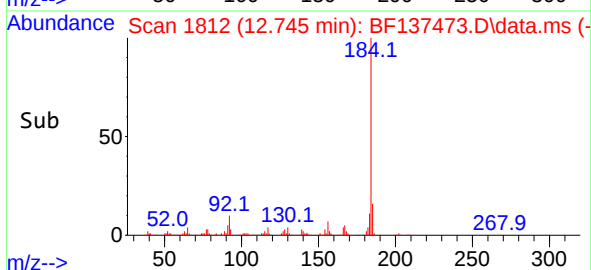
Supervised By :mohammad ahmed 03/04/2024

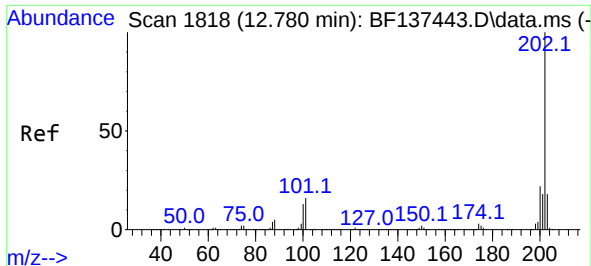


#77
Benzidine
Concen: 20.996 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:184 Resp: 259236
Ion Ratio Lower Upper
184 100
185 16.0 13.2 19.8
183 11.0 9.3 13.9





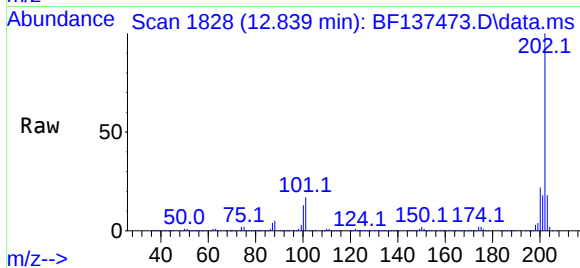
#78
Pyrene
Concen: 42.159 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS



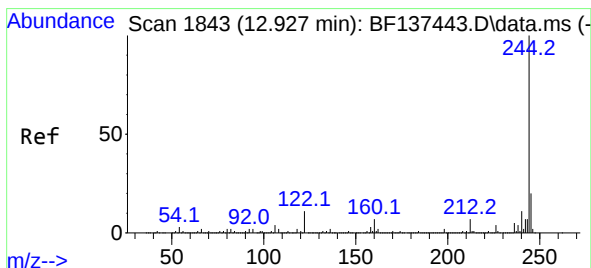
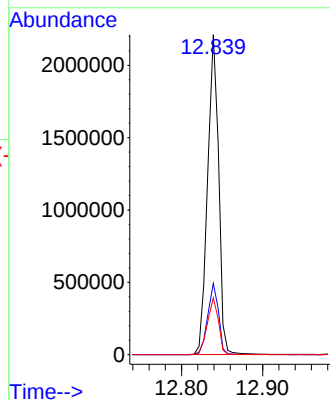
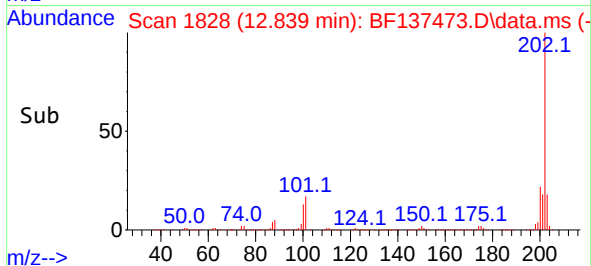
Tgt Ion:202 Resp: 208710
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.7 14.1 21.1

Manual Integrations

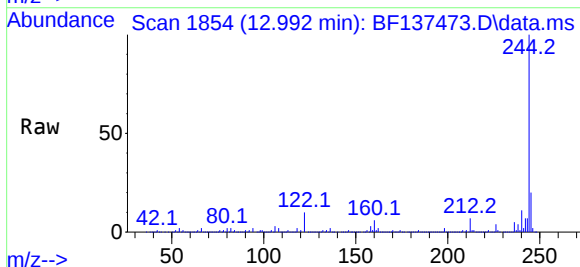
APPROVED

Reviewed By :Yogesh Patel 03/04/2024

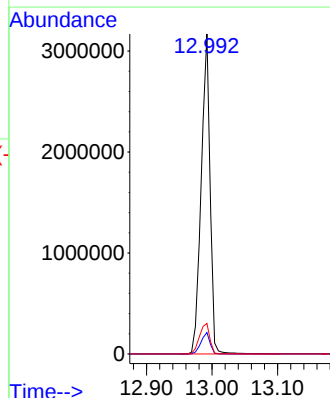
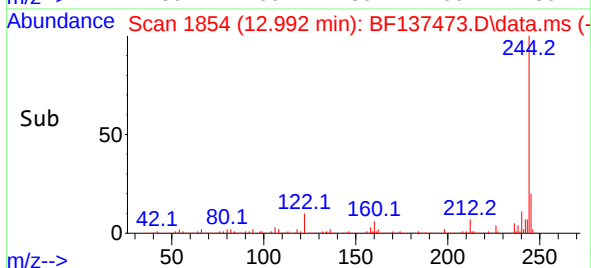
Supervised By :mohammad ahmed 03/04/2024

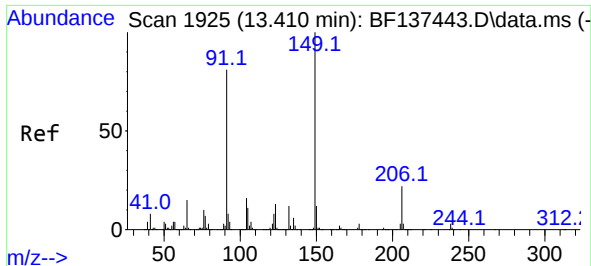


#79
Terphenyl-d14
Concen: 81.639 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:244 Resp: 2995319
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 9.5 9.1 13.7





#80
Butylbenzylphthalate
Concen: 50.349 ng
RT: 13.474 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

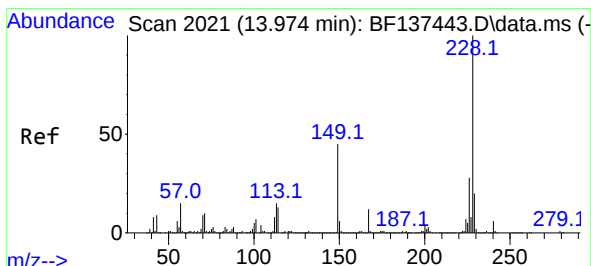
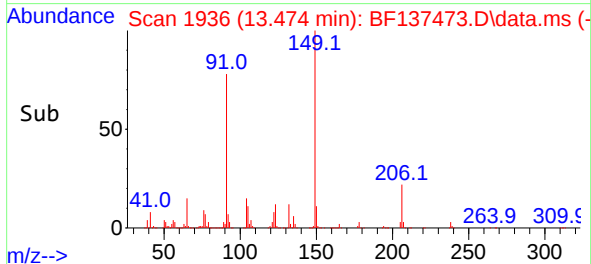
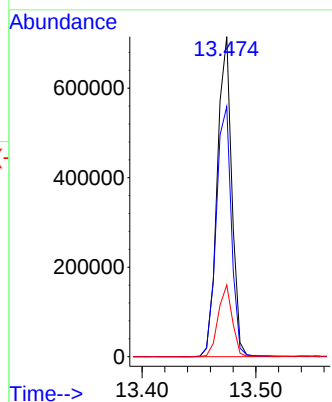
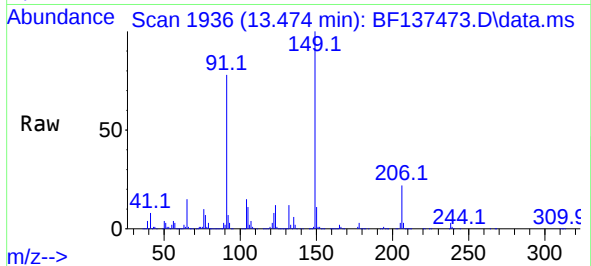
PB159389BS

Tgt Ion:149 Resp: 63655
Ion Ratio Lower Upper
149 100
91 78.2 64.7 97.1
206 22.4 17.5 26.3

Manual Integrations

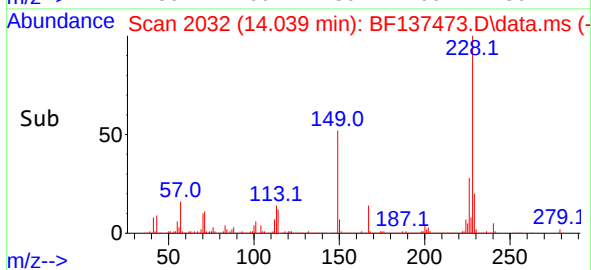
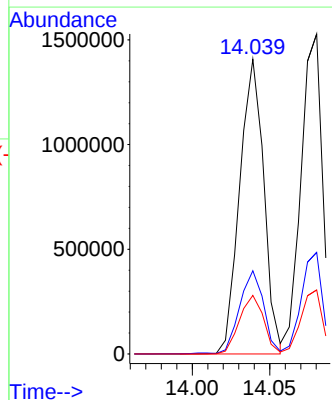
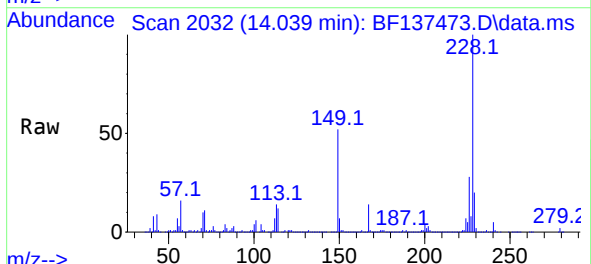
APPROVED

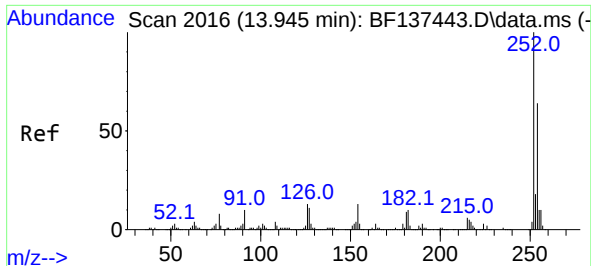
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#81
Benzo(a)anthracene
Concen: 43.049 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:228 Resp: 1522279
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 19.9 16.3 24.5





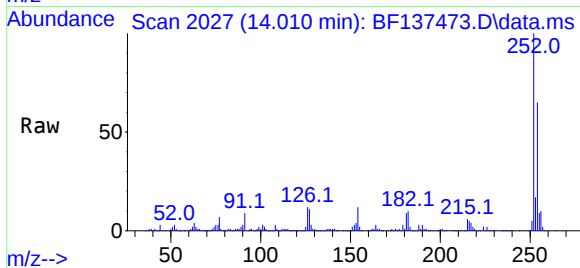
#82
3,3'-Dichlorobenzidine
Concen: 30.299 ng
RT: 14.010 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

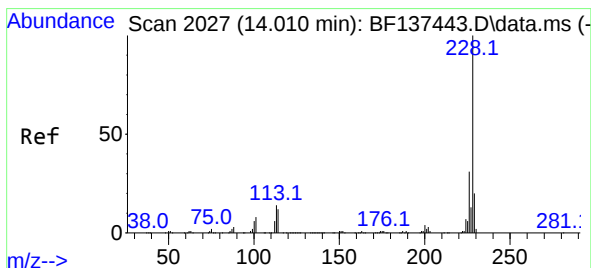
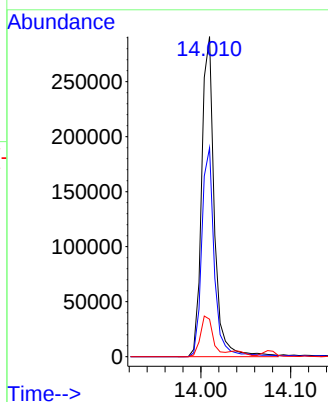
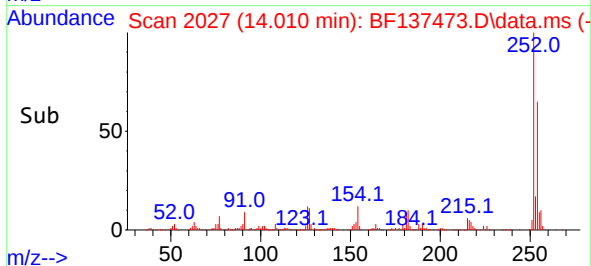


Tgt Ion:252 Resp: 28532
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 11.7 10.4 15.6

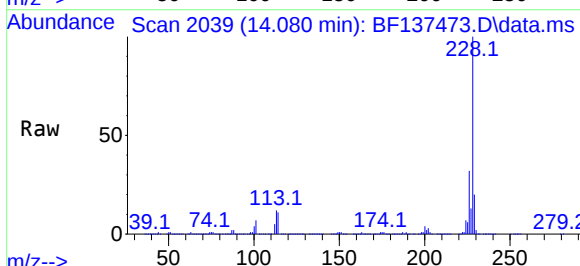
Manual Integrations

APPROVED

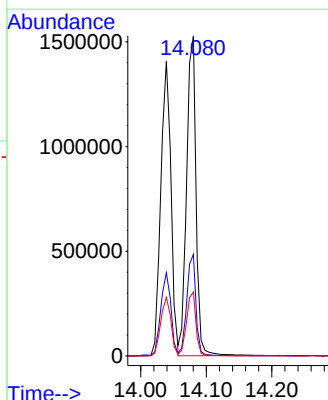
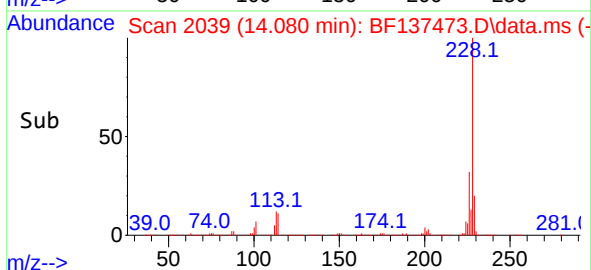
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

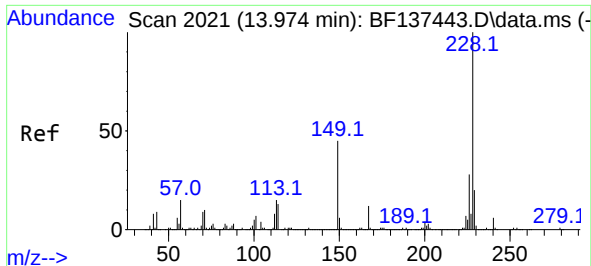


#83
Chrysene
Concen: 42.684 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:228 Resp: 1525521
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 20.0 15.9 23.9





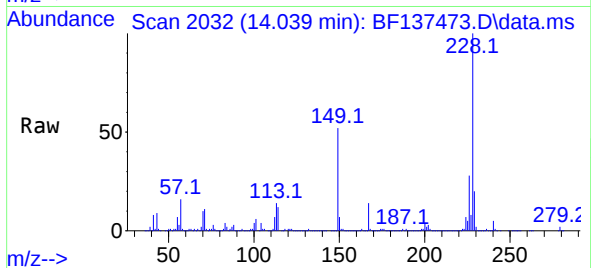
#84
Bis(2-ethylhexyl)phthalate
Concen: 48.584 ng
RT: 14.039 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

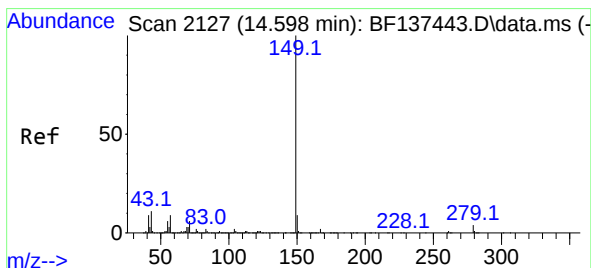
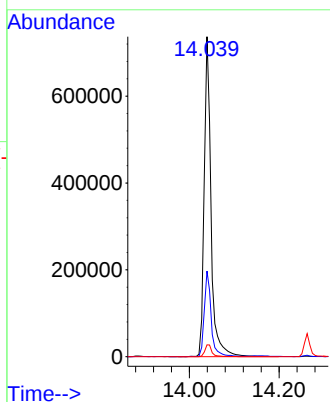
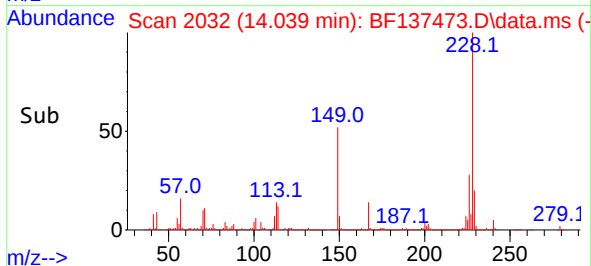


Tgt Ion:149 Resp: 780730
Ion Ratio Lower Upper
149 100
167 26.7 21.3 31.9
279 3.7 2.6 4.0

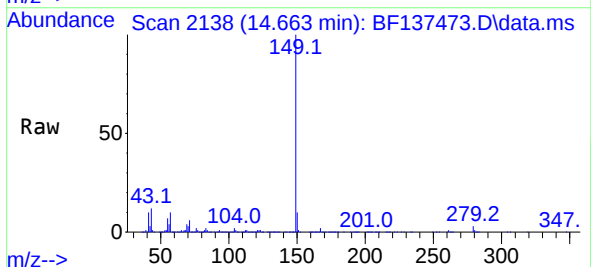
Manual Integrations

APPROVED

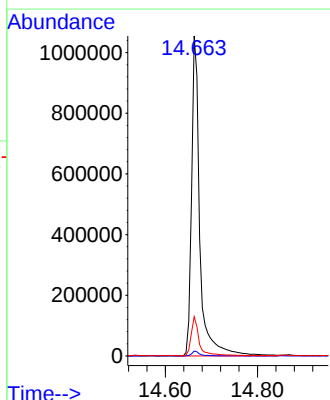
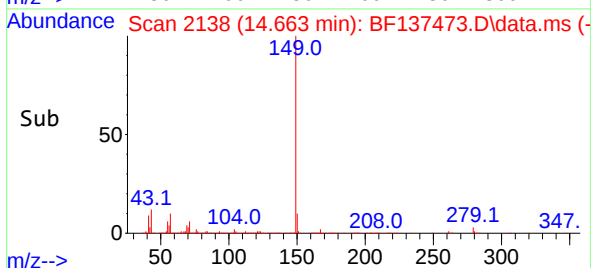
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

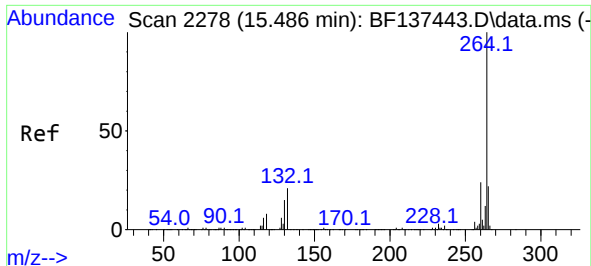


#85
Di-n-octyl phthalate
Concen: 43.075 ng
RT: 14.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:149 Resp: 1313887
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.6 14.4





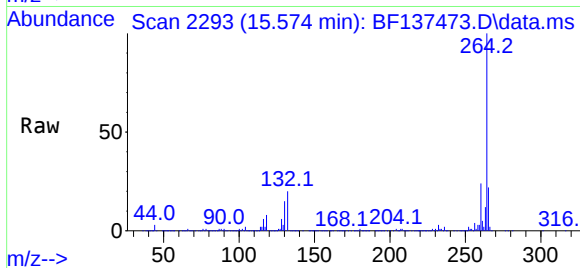
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

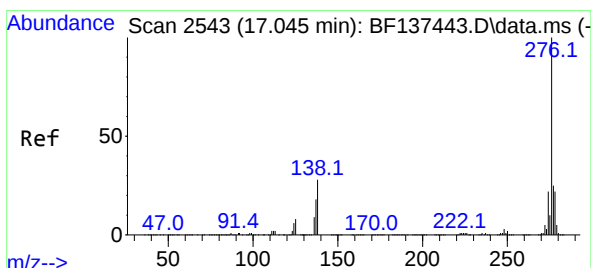
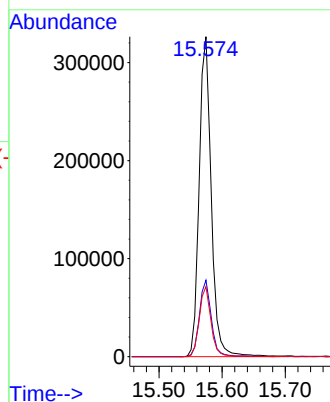
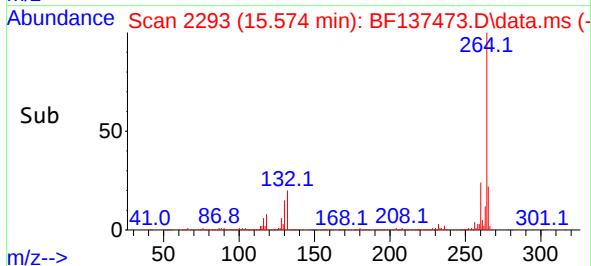


Tgt Ion:264 Resp: 432690
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.9 17.4 26.0

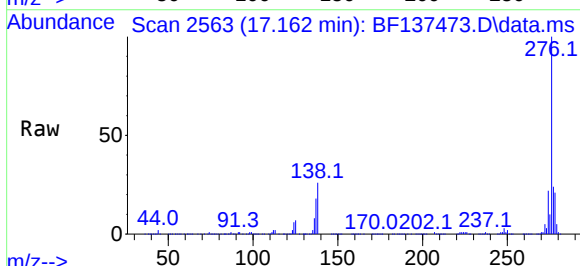
Manual Integrations

APPROVED

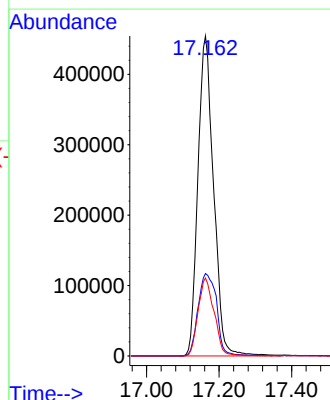
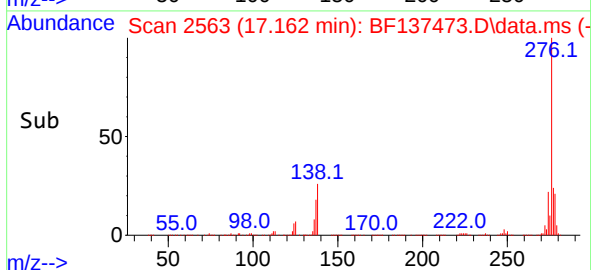
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

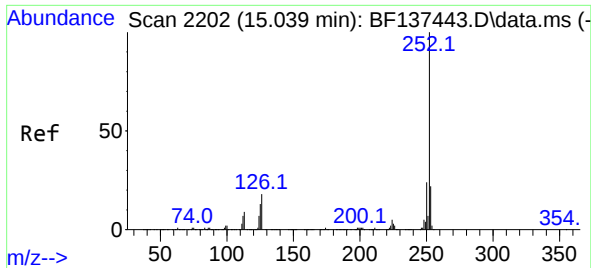


#87
Indeno(1,2,3-cd)pyrene
Concen: 47.798 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



Tgt Ion:276 Resp: 1361020
Ion Ratio Lower Upper
276 100
138 30.3 25.8 38.8
277 25.0 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 51.617 ng
RT: 15.121 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

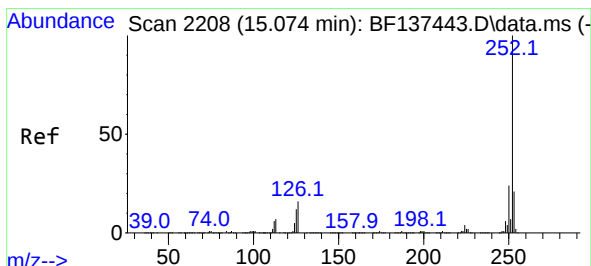
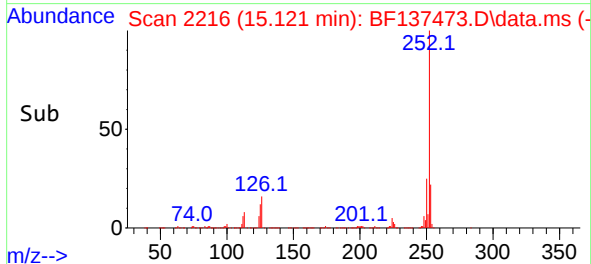
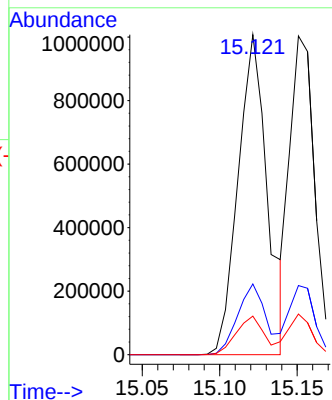
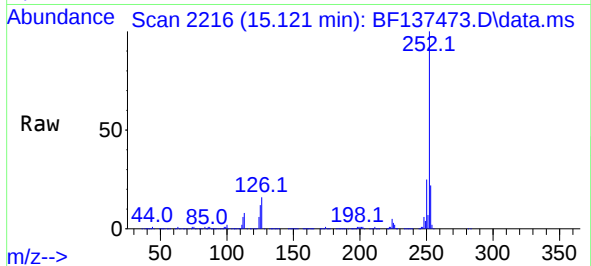
PB159389BS

Tgt Ion:252 Resp: 1321158
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.1 10.1 15.1

Manual Integrations

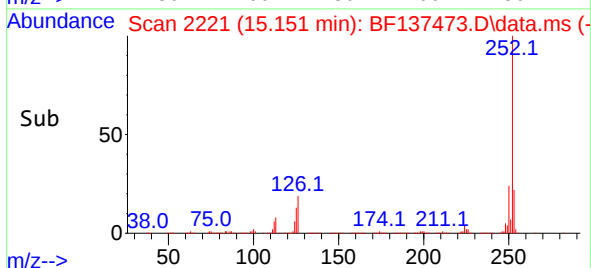
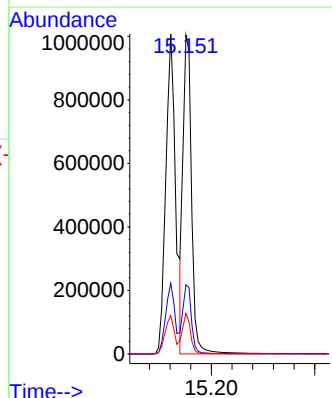
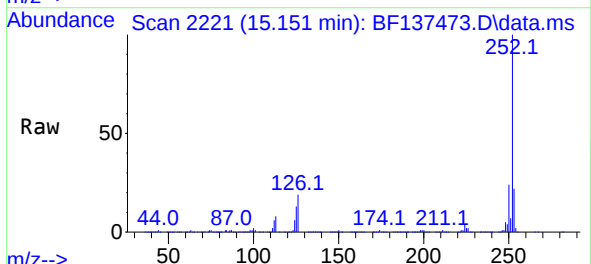
APPROVED

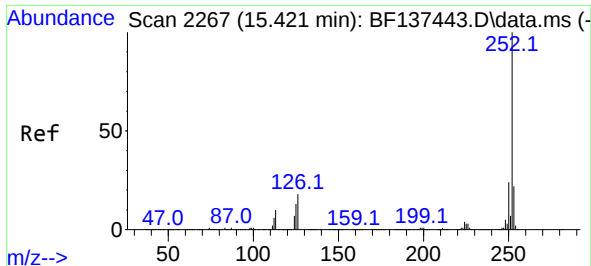
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



#89
Benzo(k)fluoranthene
Concen: 41.950 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Tgt Ion:252 Resp: 1153287
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 12.7 9.6 14.4





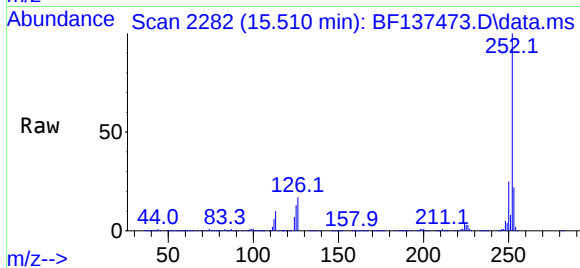
#90
Benzo(a)pyrene
Concen: 43.546 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :

BNA_F

ClientSampleId :

PB159389BS

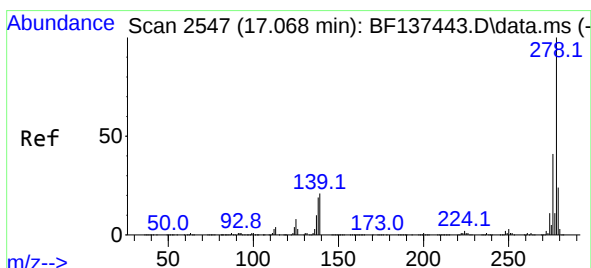
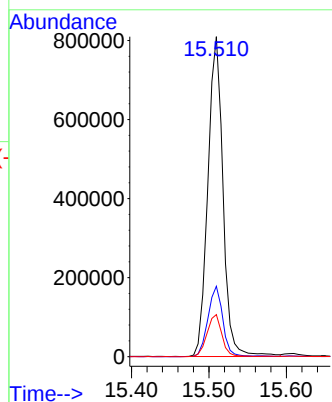
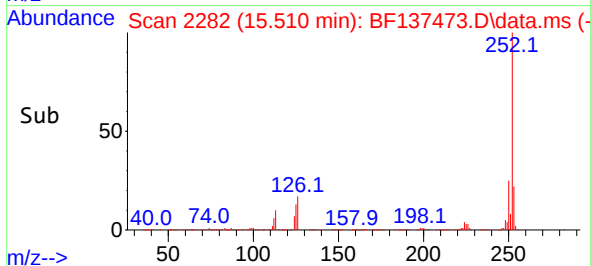


Tgt Ion:252 Resp: 109836
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 13.1 10.4 15.6

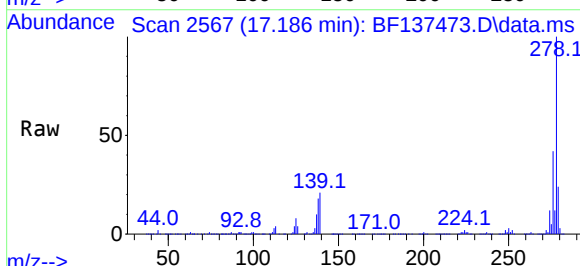
Manual Integrations

APPROVED

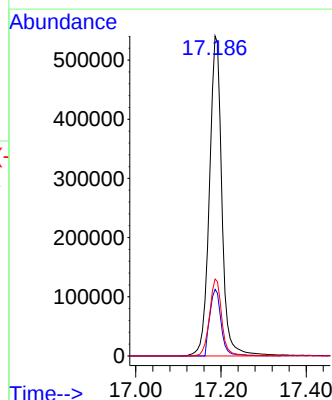
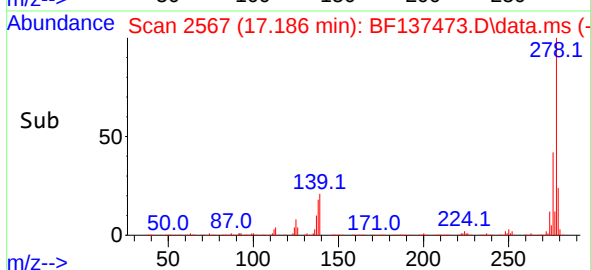
Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

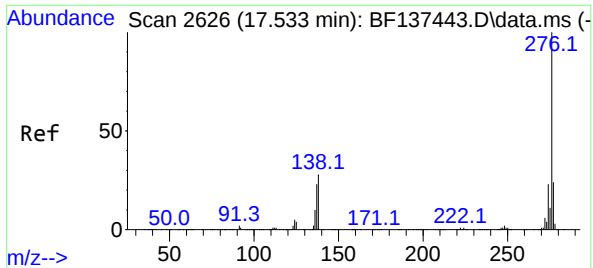


#91
Dibenzo(a,h)anthracene
Concen: 47.660 ng
RT: 17.186 min Scan# 2567
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52



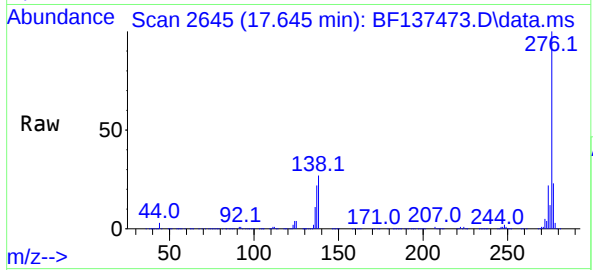
Tgt Ion:278 Resp: 1100884
Ion Ratio Lower Upper
278 100
139 20.8 17.0 25.6
279 24.0 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 47.325 ng
RT: 17.645 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137473.D
Acq: 02 Mar 2024 14:52

Instrument :
BNA_F
ClientSampleId :
PB159389BS



Tgt Ion:276 Resp: 1122654
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 26.8 22.2 33.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

