

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137726.D
 Acq On : 24 Apr 2024 19:24
 Operator : CG\JU
 Sample : P2245-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 YARD-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 04:19:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	248810	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	978364	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	532186	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	899529	20.000	ng	0.00
76) Chrysene-d12	14.257	240	488926	20.000	ng	0.00
86) Perylene-d12	15.827	264	545928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1390603	84.899	ng	0.00
7) Phenol-d6	6.675	99	1817495	87.379	ng	0.00
23) Nitrobenzene-d5	7.622	82	1072285	58.179	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	497585	92.657	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2046965	57.472	ng	0.00
79) Terphenyl-d14	13.186	244	1975290	65.027	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.051	88	316923	43.210	ng	98
3) Pyridine	3.798	79	780245	39.935	ng	99
4) n-Nitrosodimethylamine	3.763	42	419985	46.059	ng	97
6) Aniline	6.722	93	728370	28.135	ng	100
8) 2-Chlorophenol	6.845	128	832989	48.718	ng	98
9) Benzaldehyde	6.610	77	29675	2.542	ng	100
10) Phenol	6.686	94	1012758	48.738	ng	96
11) bis(2-Chloroethyl)ether	6.792	93	761446	44.926	ng	97
12) 1,3-Dichlorobenzene	7.004	146	858283	47.867	ng	99
13) 1,4-Dichlorobenzene	7.081	146	862204	47.762	ng	99
14) 1,2-Dichlorobenzene	7.233	146	833564	49.606	ng	99
15) Benzyl Alcohol	7.198	79	702159	45.126	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1160477	44.522	ng	99
17) 2-Methylphenol	7.298	107	655928	43.179	ng	98
18) Hexachloroethane	7.580	117	307321	48.101	ng	95
19) n-Nitroso-di-n-propyla...	7.469	70	579207	43.063	ng	100
20) 3+4-Methylphenols	7.451	107	862793	43.975	ng	95
22) Acetophenone	7.469	105	1114055	46.556	ng	99
24) Nitrobenzene	7.645	77	857591	46.056	ng	99
25) Isophorone	7.880	82	1560946	45.602	ng	100
26) 2-Nitrophenol	7.957	139	432761	52.960	ng	95
27) 2,4-Dimethylphenol	7.980	122	633770	38.443	ng	97
28) bis(2-Chloroethoxy)met...	8.086	93	934663	44.704	ng	99
29) 2,4-Dichlorophenol	8.192	162	689226	47.703	ng	97
30) 1,2,4-Trichlorobenzene	8.286	180	716143	48.629	ng	98
31) Naphthalene	8.369	128	2335073	46.771	ng	100
32) Benzoic acid	8.092	122	506666m	48.538	ng	
33) 4-Chloroaniline	8.410	127	354886	16.794	ng	98
34) Hexachlorobutadiene	8.480	225	415472	47.059	ng	99
35) Caprolactam	8.780	113	224102m	47.974	ng	
36) 4-Chloro-3-methylphenol	8.880	107	727095	47.447	ng	99
37) 2-Methylnaphthalene	9.063	142	1536023	44.825	ng	99
38) 1-Methylnaphthalene	9.163	142	1428890	44.600	ng	100
40) 1,2,4,5-Tetrachloroben...	9.227	216	706274	48.408	ng	100
41) Hexachlorocyclopentadiene	9.210	237	737467	90.210	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	510738	49.900	ng	99

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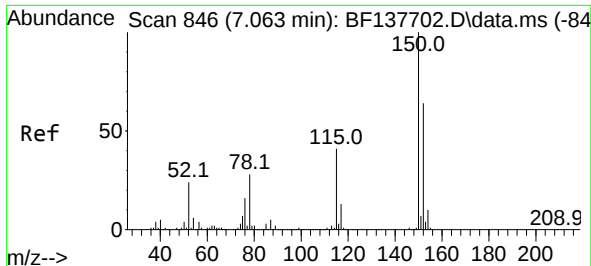
Manual Integrations
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 Supervised By :mohammad ahmed 04/27/2024

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.374	196	532901	45.430	ng	98
46) 1,1'-Biphenyl	9.527	154	1842082	47.580	ng	98
47) 2-Chloronaphthalene	9.551	162	1453746	48.711	ng	99
48) 2-Nitroaniline	9.645	65	454909	50.022	ng	96
49) Acenaphthylene	9.974	152	2306363	49.556	ng	100
50) Dimethylphthalate	9.822	163	1717601	46.323	ng	99
51) 2,6-Dinitrotoluene	9.886	165	384976	49.278	ng	91
52) Acenaphthene	10.145	154	1519967	50.437	ng	98
53) 3-Nitroaniline	10.057	138	265732	30.268	ng	98
54) 2,4-Dinitrophenol	10.163	184	357422	85.683	ng	# 40
55) Dibenzofuran	10.316	168	2127250	48.155	ng	99
56) 4-Nitrophenol	10.204	139	664133	97.274	ng	99
57) 2,4-Dinitrotoluene	10.292	165	532455	54.062	ng	96
58) Fluorene	10.663	166	1660224	48.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	443904	48.872	ng	98
60) Diethylphthalate	10.521	149	1618620	45.386	ng	98
61) 4-Chlorophenyl-phenyle...	10.651	204	778100	45.622	ng	95
62) 4-Nitroaniline	10.674	138	396513	47.417	ng	99
63) Azobenzene	10.810	77	1651463	45.190	ng	97
65) 4,6-Dinitro-2-methylph...	10.698	198	268017	51.965	ng	87
66) n-Nitrosodiphenylamine	10.769	169	1432479	47.019	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	491013	47.108	ng	95
68) Hexachlorobenzene	11.210	284	507796	50.007	ng	96
69) Atrazine	11.292	200	463017	54.978	ng	99
70) Pentachlorophenol	11.398	266	655441	85.807	ng	100
71) Phenanthrene	11.633	178	2687243	56.435	ng	100
72) Anthracene	11.686	178	2475992	50.780	ng	99
73) Carbazole	11.833	167	2174520	49.210	ng	99
74) Di-n-butylphthalate	12.157	149	2458203	45.635	ng	99
75) Fluoranthene	12.827	202	2569631	51.341	ng	99
77) Benzidine	12.939	184	760388	66.586	ng	99
78) Pyrene	13.057	202	2483761	61.892	ng	100
80) Butylbenzylphthalate	13.662	149	816407	57.367	ng	94
81) Benzo(a)anthracene	14.245	228	1749015	51.288	ng	100
82) 3,3'-Dichlorobenzidine	14.204	252	341670	32.382	ng	# 97
83) Chrysene	14.286	228	1620516	50.859	ng	100
84) Bis(2-ethylhexyl)phtha...	14.215	149	1123225	52.262	ng	99
85) Di-n-octyl phthalate	14.851	149	1668908	51.695	ng	99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1838078	60.722	ng	99
88) Benzo(b)fluoranthene	15.356	252	1618902	46.341	ng	99
89) Benzo(k)fluoranthene	15.392	252	1595761	46.469	ng	98
90) Benzo(a)pyrene	15.762	252	1551610	49.511	ng	100
91) Dibenzo(a,h)anthracene	17.497	278	1477255	58.808	ng	99
92) Benzo(g,h,i)perylene	17.980	276	1358945	55.634	ng	98

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



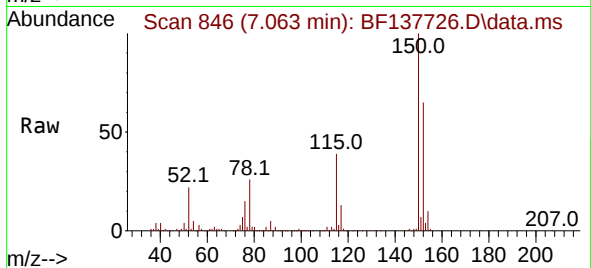
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BF137726.D
 Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

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YARD-3MSD



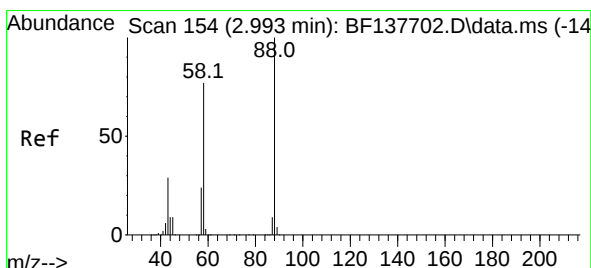
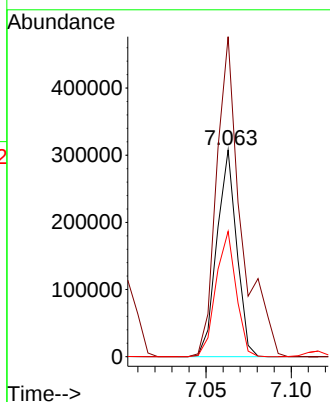
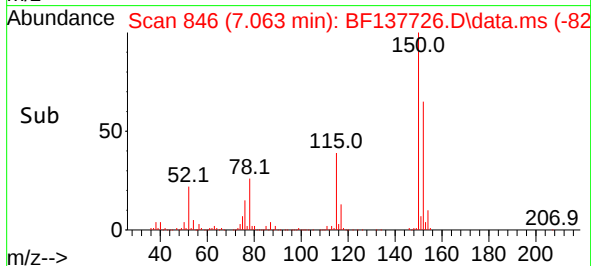
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 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.4
 115 60.6 50.8 76.2

Manual Integrations

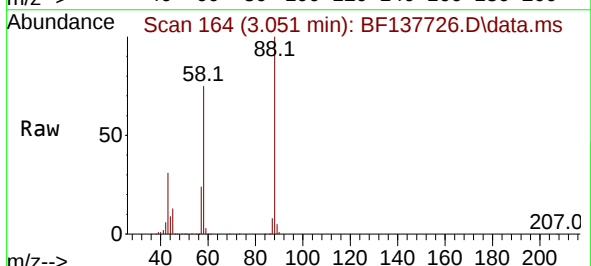
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Reviewed By :Yogesh Patel 04/26/2024

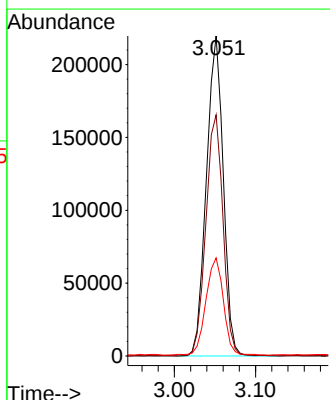
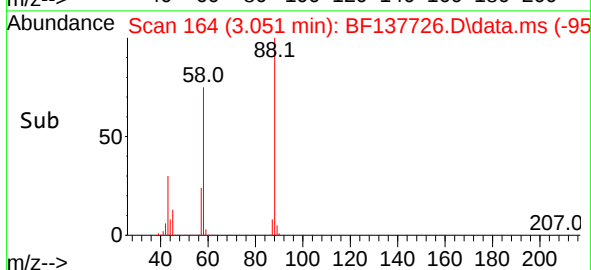
Supervised By :mohammad ahmed 04/27/2024

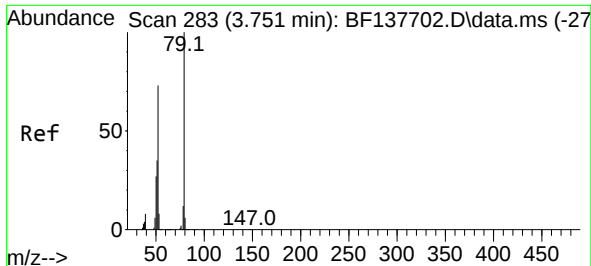


#2
 1,4-Dioxane
 Concen: 43.210 ng
 RT: 3.051 min Scan# 164
 Delta R.T. 0.059 min
 Lab File: BF137726.D
 Acq: 24 Apr 2024 19:24



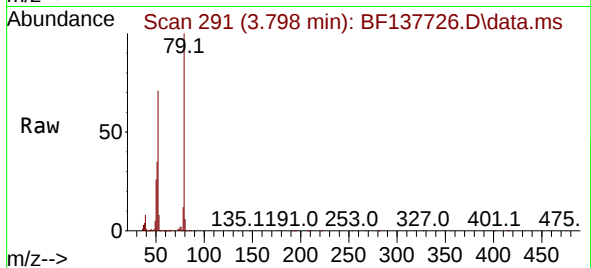
Tgt Ion: 88 Resp: 316923
 Ion Ratio Lower Upper
 88 100
 58 76.6 62.4 93.6
 43 31.7 23.7 35.5





#3
Pyridine
Concen: 39.935 ng
RT: 3.798 min Scan# 291
Delta R.T. 0.047 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

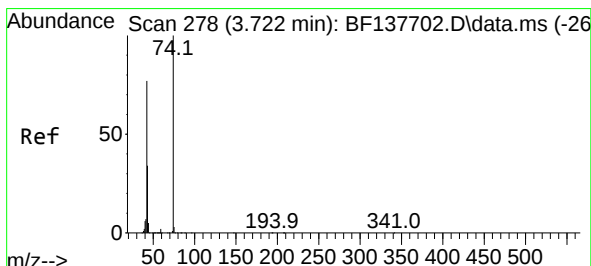
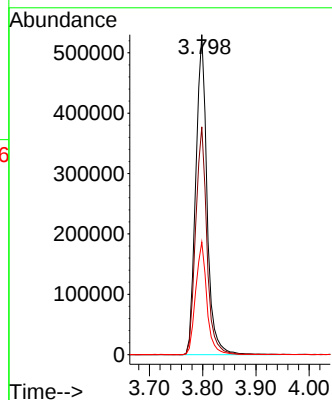
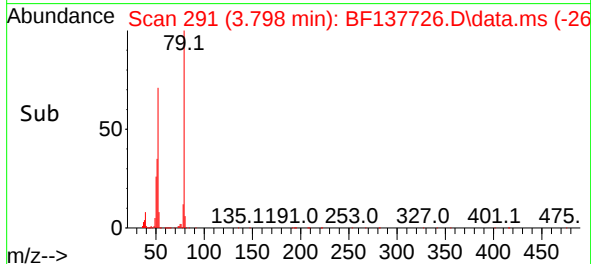
Instrument :
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YARD-3MSD



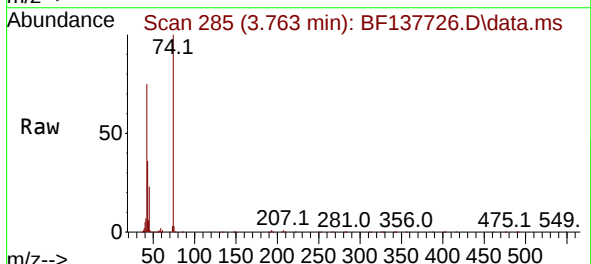
Tgt Ion: 79 Resp: 780245
Ion Ratio Lower Upper
79 100
52 71.2 58.0 87.0
51 35.2 27.9 41.9

Manual Integrations
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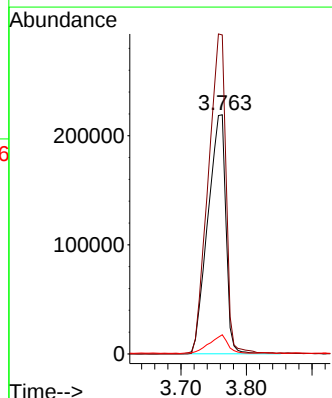
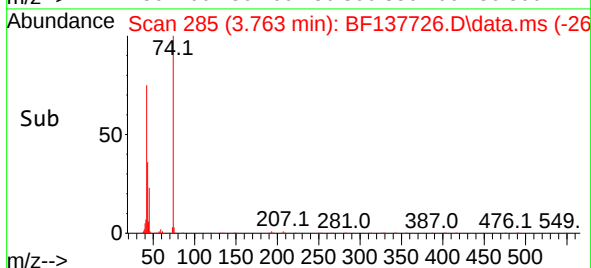
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

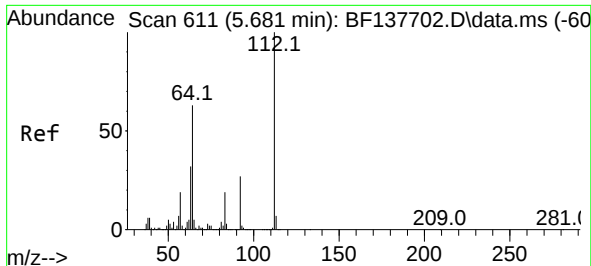


#4
n-Nitrosodimethylamine
Concen: 46.059 ng
RT: 3.763 min Scan# 285
Delta R.T. 0.041 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



Tgt Ion: 42 Resp: 419985
Ion Ratio Lower Upper
42 100
74 133.4 103.4 155.2
44 8.1 5.5 8.3





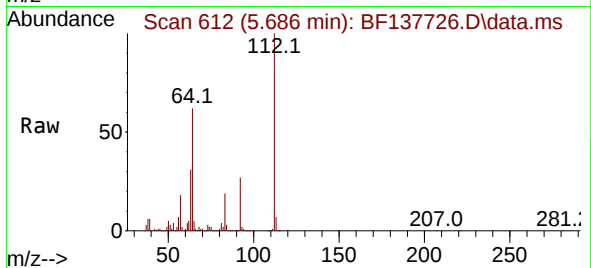
#5
2-Fluorophenol
Concen: 84.899 ng
RT: 5.686 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



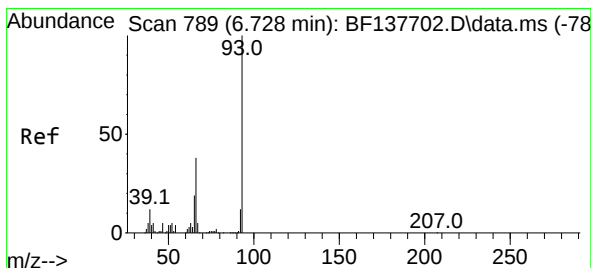
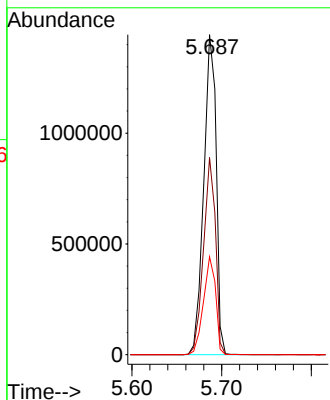
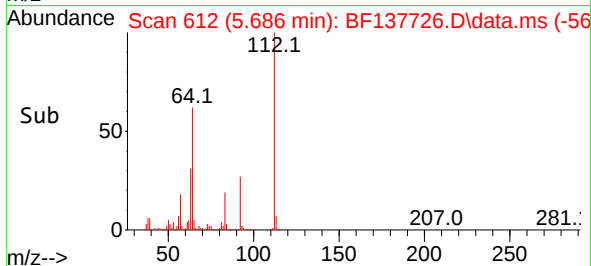
Tgt Ion: 112 Resp: 139060
Ion Ratio Lower Upper
112 100
64 61.6 50.1 75.1
63 30.6 25.2 37.8

Manual Integrations

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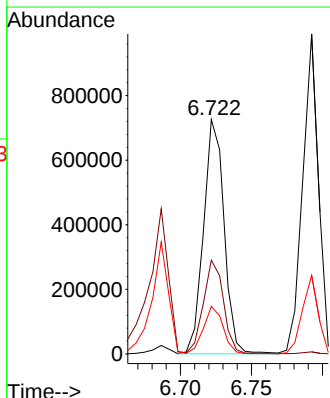
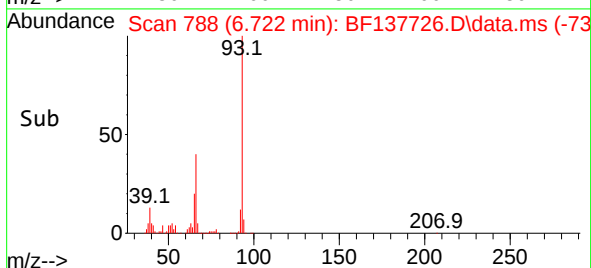
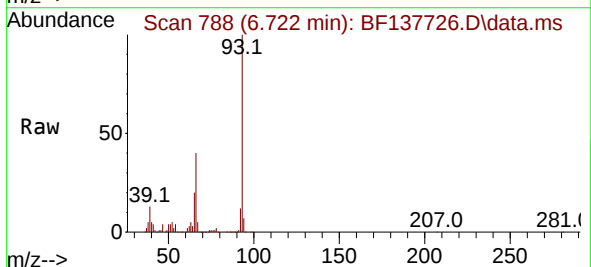
Reviewed By :Yogesh Patel 04/26/2024

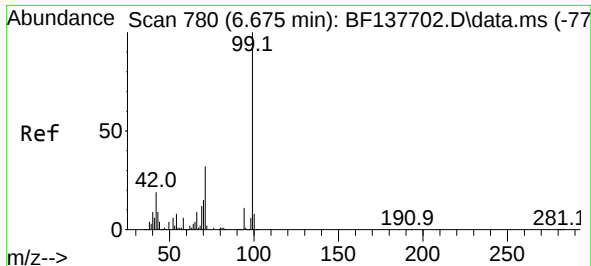
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 28.135 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

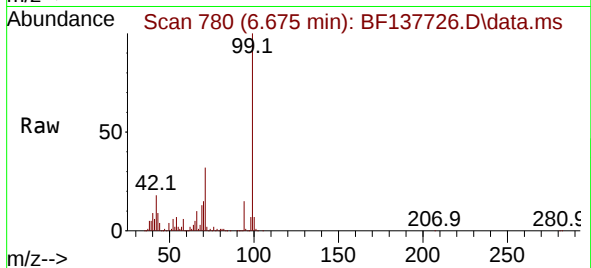
Tgt Ion: 93 Resp: 728370
Ion Ratio Lower Upper
93 100
66 40.0 32.1 48.1
65 20.3 16.4 24.6





#7
Phenol-d6
Concen: 87.379 ng
RT: 6.675 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

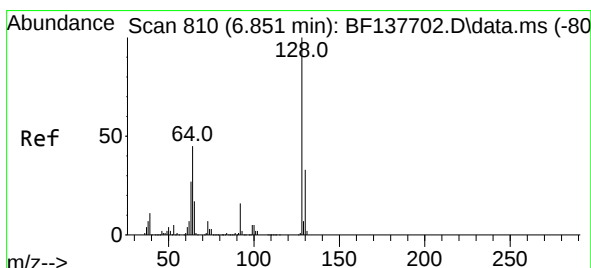
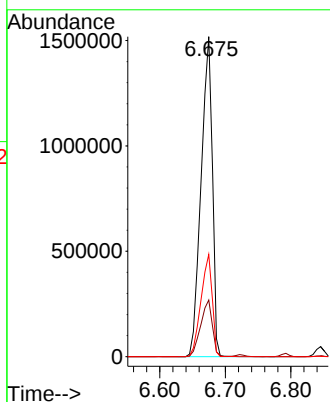
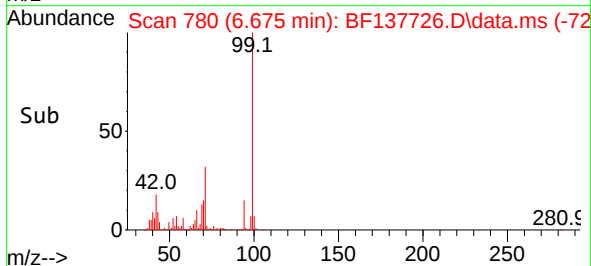
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Tgt Ion: 99 Resp: 181749
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 32.0 25.7 38.5

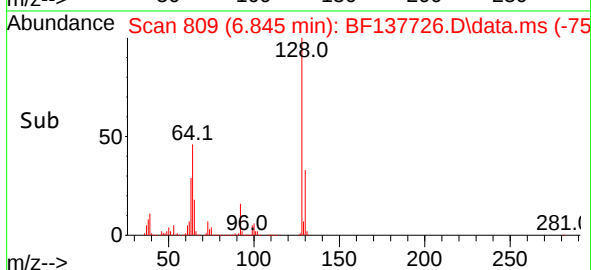
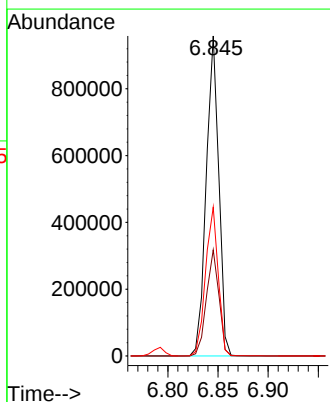
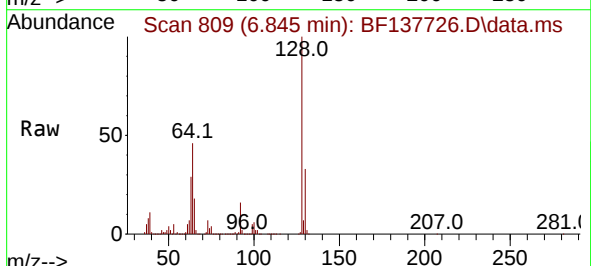
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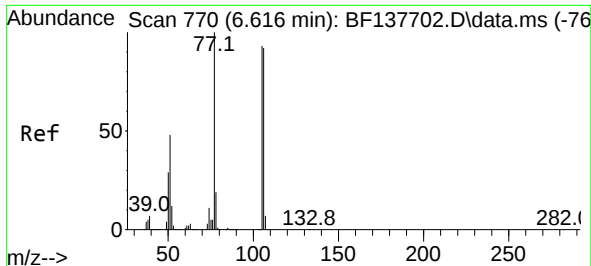
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 48.718 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:128 Resp: 832989
Ion Ratio Lower Upper
128 100
130 33.1 13.2 53.2
64 46.5 24.7 64.7





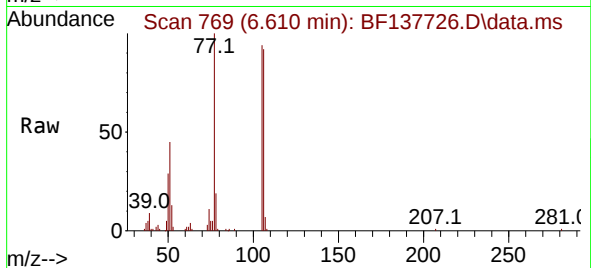
#9
Benzaldehyde
Concen: 2.542 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

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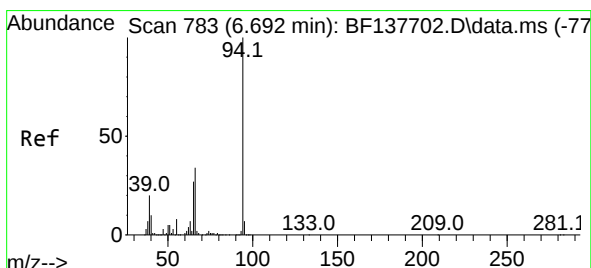
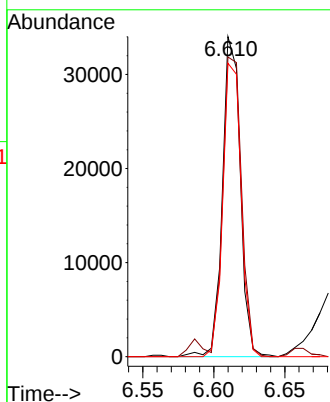
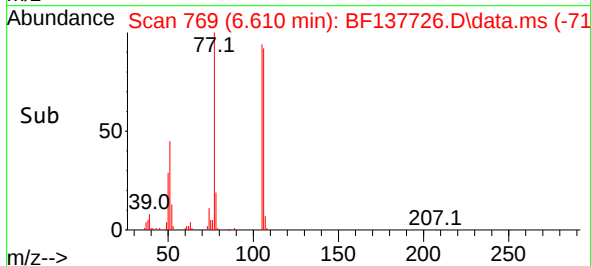
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Ion Ratio Lower Upper
77 100
105 93.7 73.3 113.3
106 91.7 72.1 112.1

Manual Integrations

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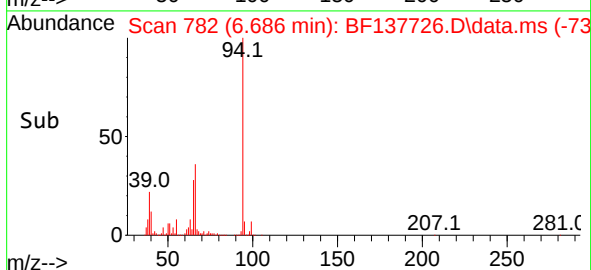
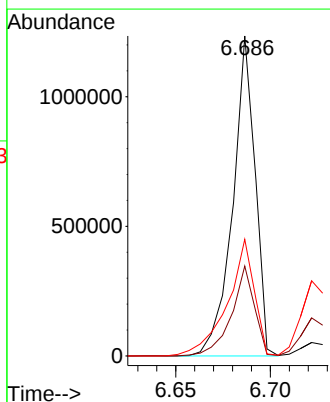
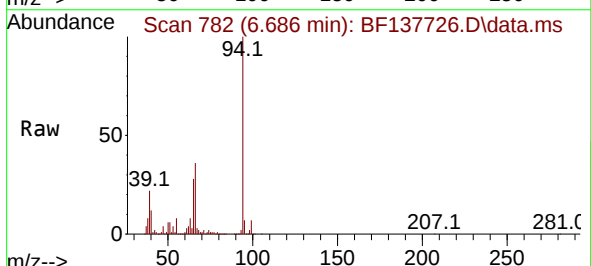
Reviewed By :Yogesh Patel 04/26/2024

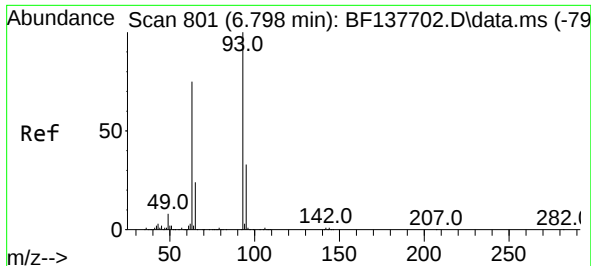
Supervised By :mohammad ahmed 04/27/2024



#10
Phenol
Concen: 48.738 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

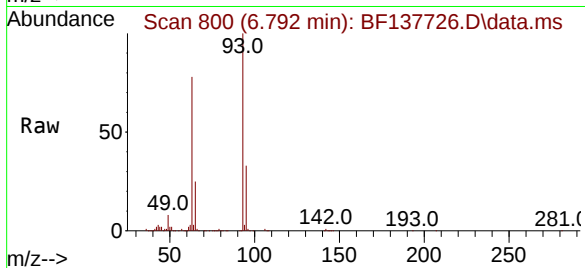
Tgt Ion: 94 Resp: 1012758
Ion Ratio Lower Upper
94 100
65 28.1 6.5 46.5
66 36.5 13.9 53.9





#11
bis(2-Chloroethyl)ether
Concen: 44.926 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

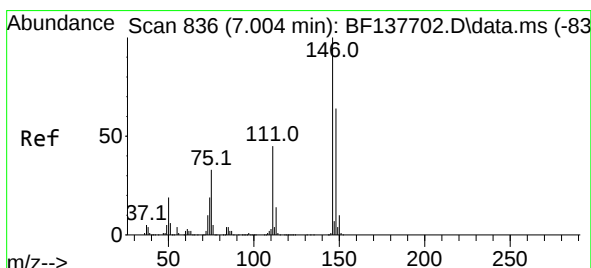
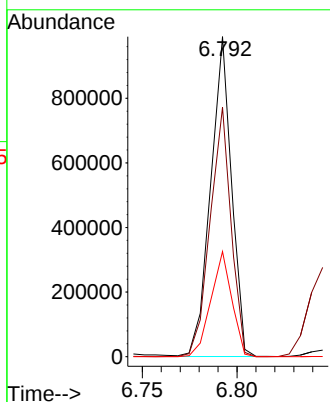
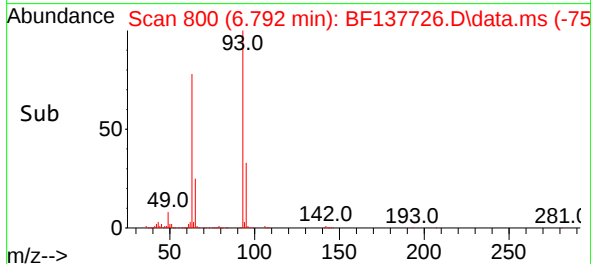
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



Tgt Ion: 93 Resp: 761440
Ion Ratio Lower Upper
93 100
63 77.9 54.8 94.8
95 32.8 13.2 53.2

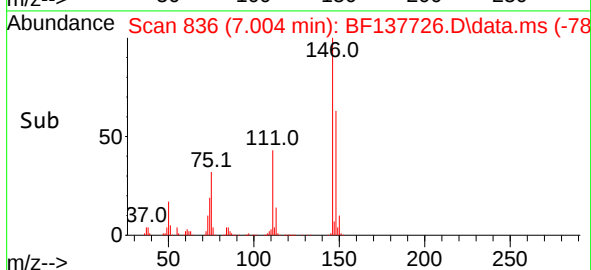
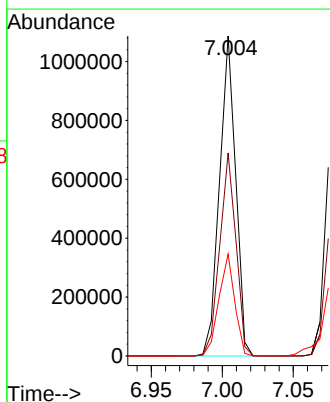
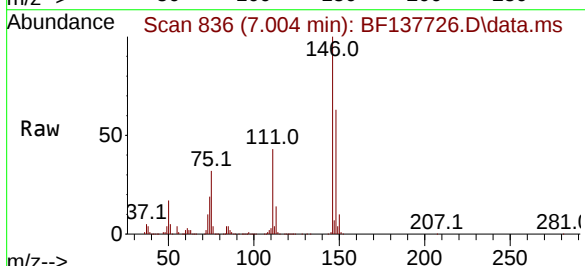
Manual Integrations
APPROVED

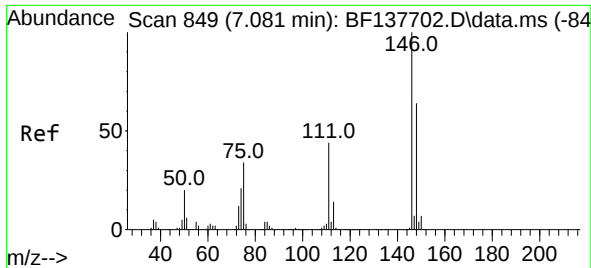
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 47.867 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

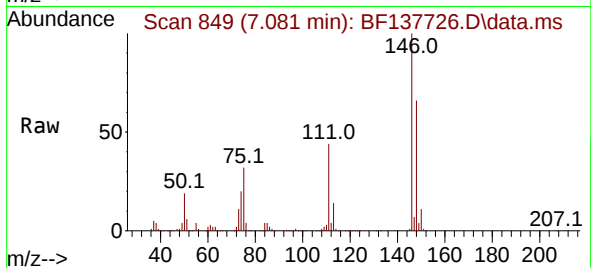
Tgt Ion:146 Resp: 858283
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
75 31.8 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 47.762 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

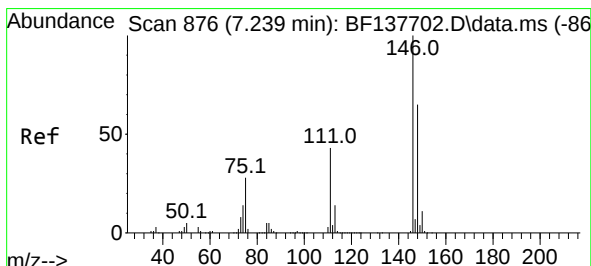
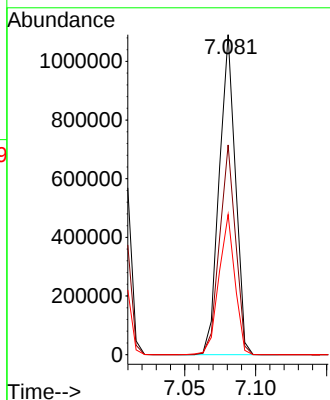
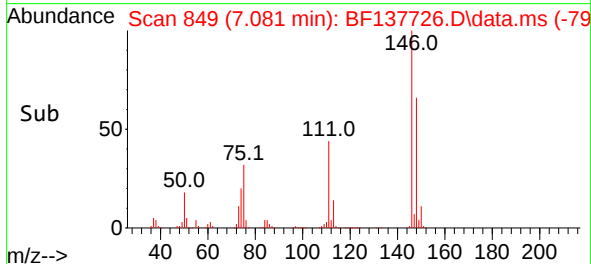
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



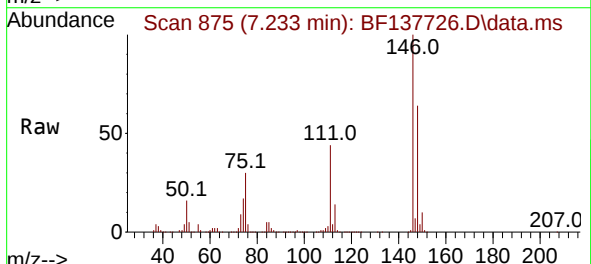
Tgt Ion:146 Resp: 862204
Ion Ratio Lower Upper
146 100
148 65.6 51.0 76.6
111 43.8 35.0 52.6

Manual Integrations
APPROVED

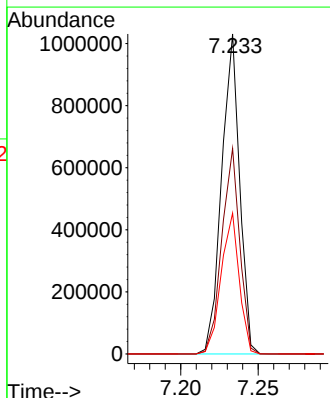
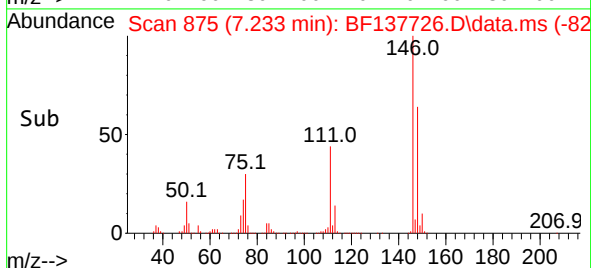
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

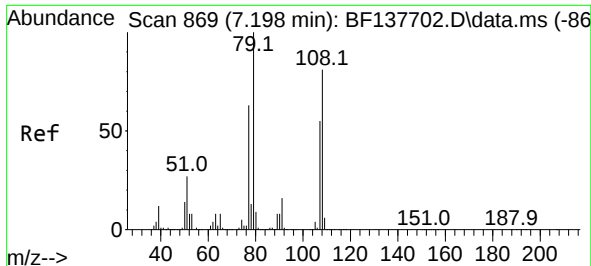


#14
1,2-Dichlorobenzene
Concen: 49.606 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



Tgt Ion:146 Resp: 833564
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
111 44.0 34.5 51.7





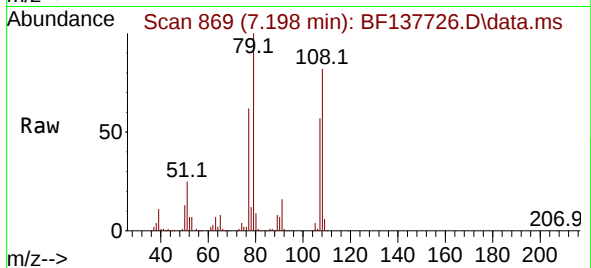
#15
Benzyl Alcohol
Concen: 45.126 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

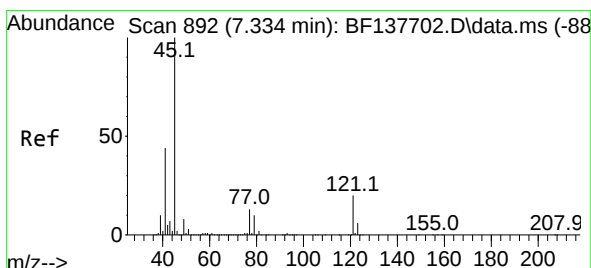
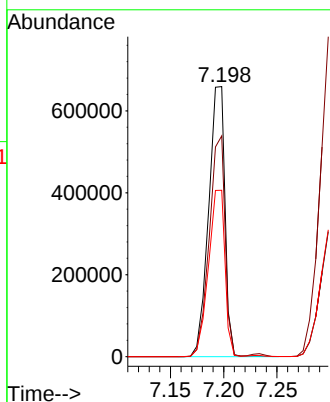
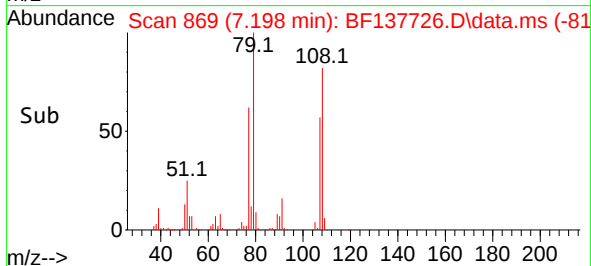
YARD-3MSD



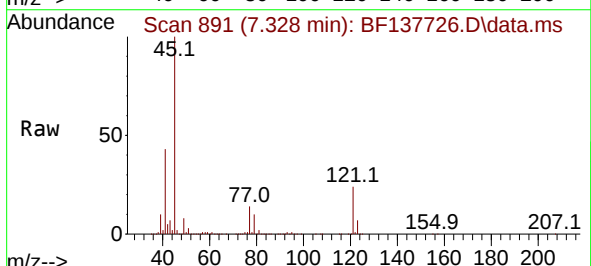
Tgt Ion: 79 Resp: 702159
Ion Ratio Lower Upper
79 100
108 81.7 64.8 97.2
77 61.6 50.3 75.5

Manual Integrations
APPROVED

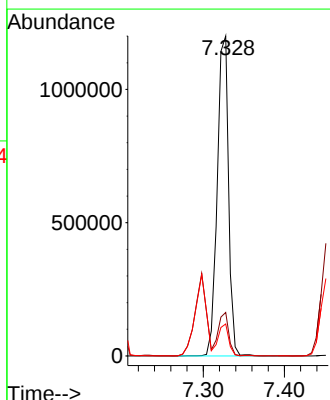
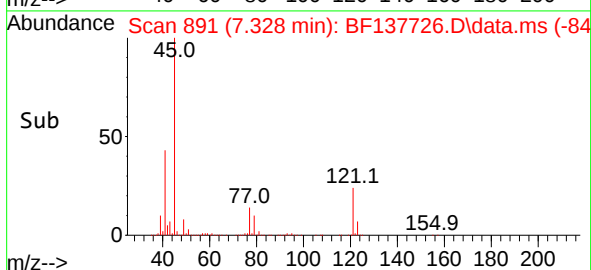
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

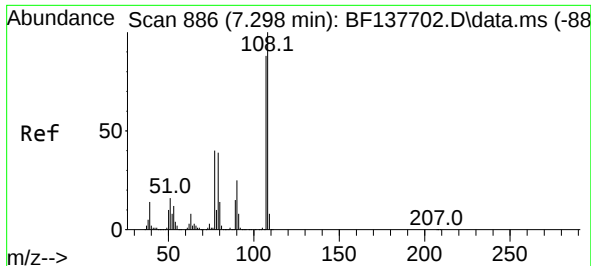


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.522 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



Tgt Ion: 45 Resp: 1160477
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.8
79 10.0 0.0 30.1





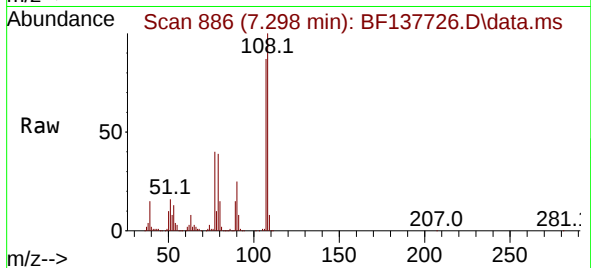
#17
2-Methylphenol
Concen: 43.179 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

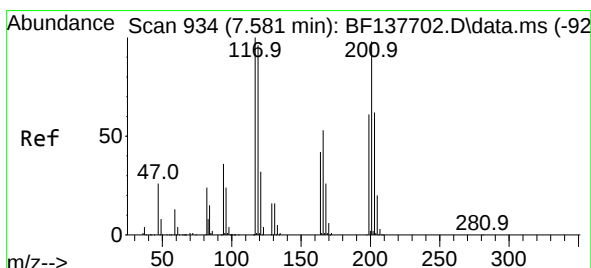
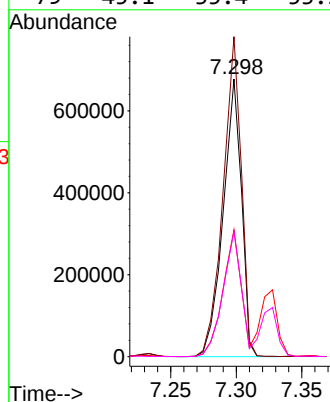
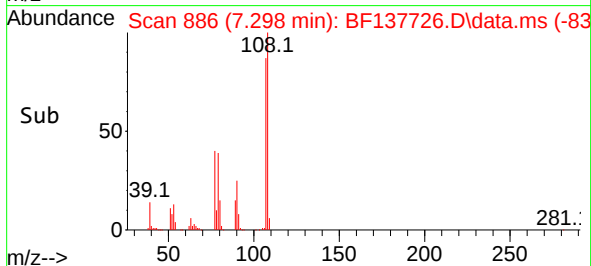


Tgt Ion:107 Resp: 655928
Ion Ratio Lower Upper
107 100
108 115.3 90.6 135.8
77 45.7 35.8 53.8
79 45.1 35.4 53.2

Manual Integrations

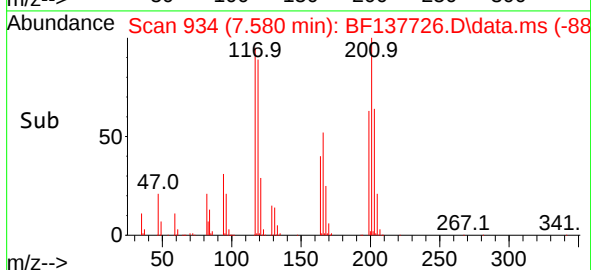
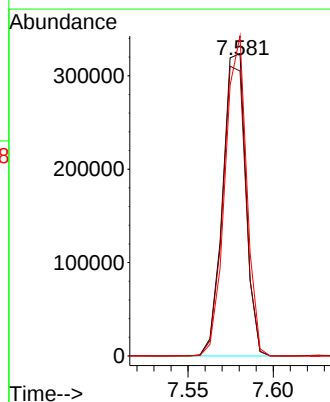
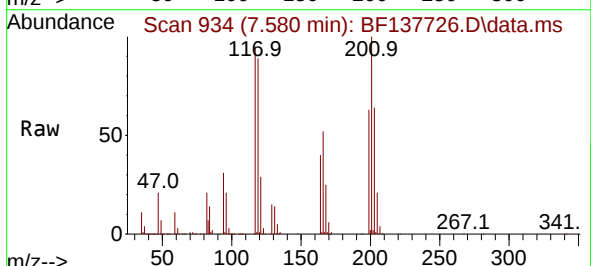
APPROVED

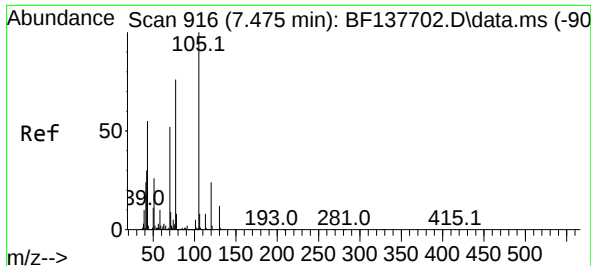
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 48.101 ng
RT: 7.580 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:117 Resp: 307321
Ion Ratio Lower Upper
117 100
119 94.2 77.1 115.7
201 105.8 78.1 117.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.063 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF137726.D

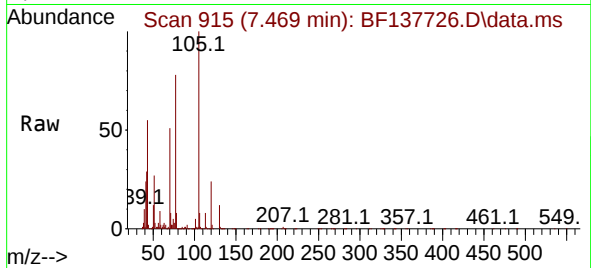
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



Tgt Ion: 70 Resp: 57920

Ion Ratio Lower Upper

70 100

42 57.2 45.9 68.9

101 10.0 8.0 12.0

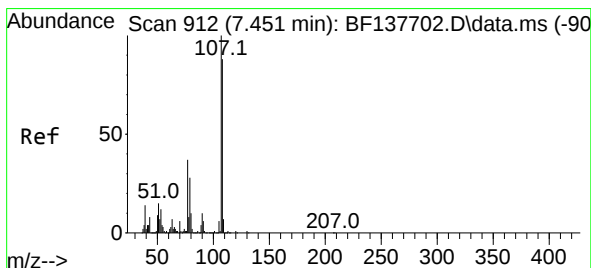
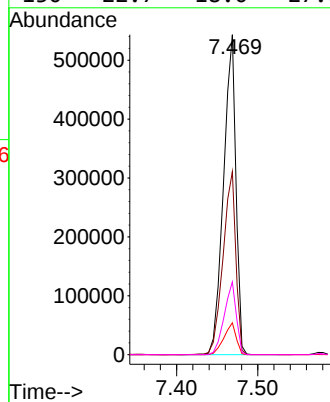
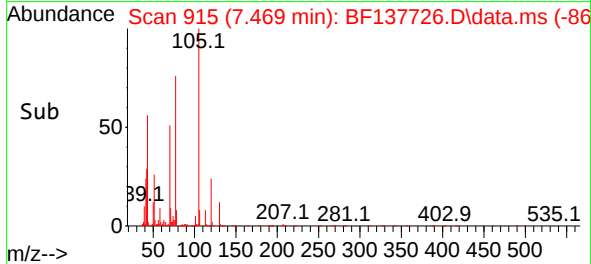
130 22.7 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#20

3+4-Methylphenols

Concen: 43.975 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Tgt Ion:107 Resp: 862793

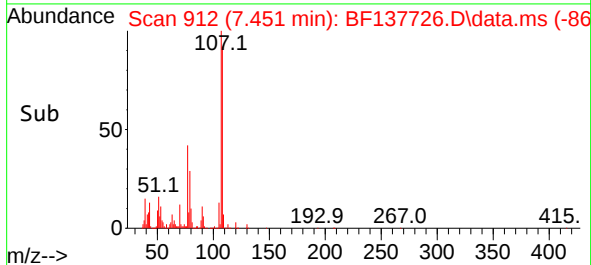
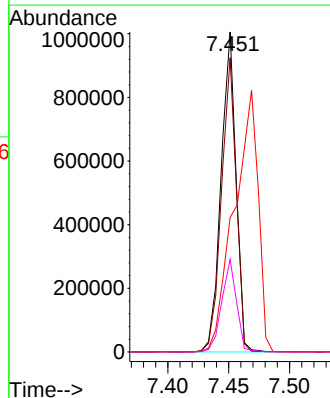
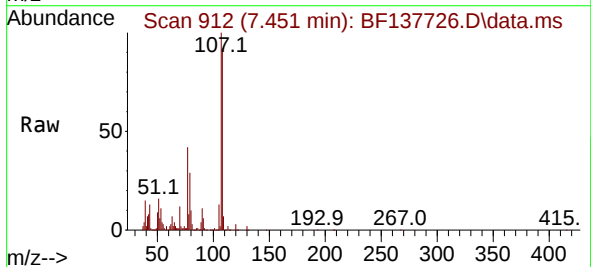
Ion Ratio Lower Upper

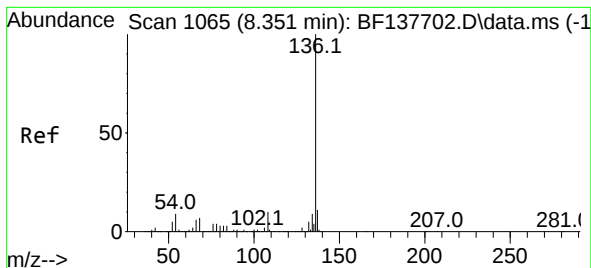
107 100

108 92.0 68.2 108.2

77 42.0 16.8 56.8

79 28.9 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.345 min Scan# 1064

Delta R.T. -0.006 min

Lab File: BF137726.D

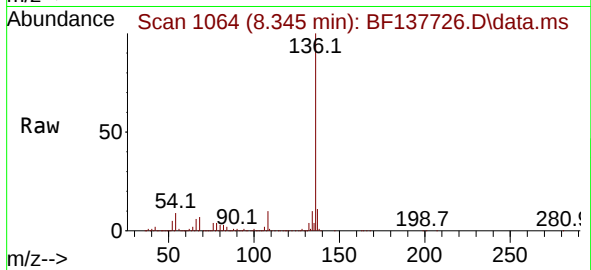
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



Tgt Ion:136 Resp: 978364

Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.9 6.9 10.3

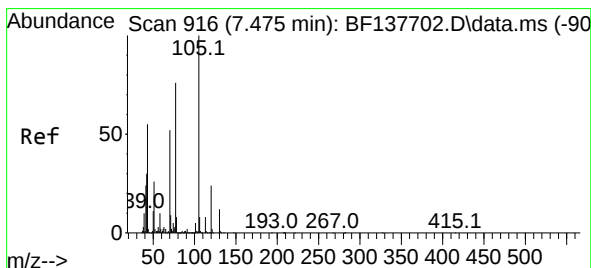
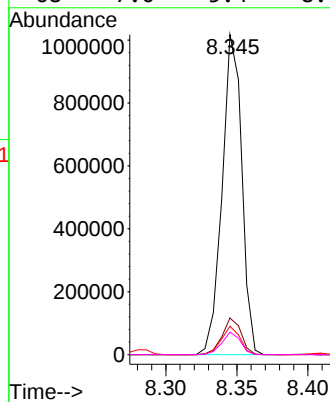
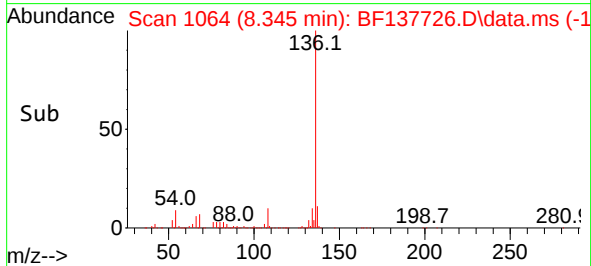
68 7.0 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#22

Acetophenone

Concen: 46.556 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Tgt Ion:105 Resp: 1114055

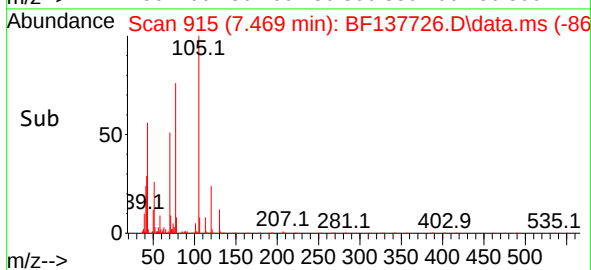
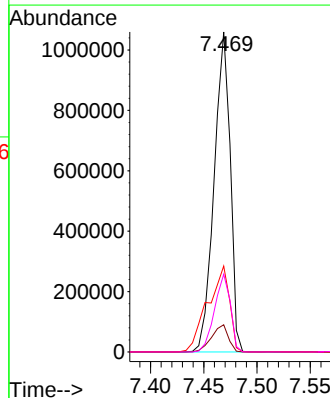
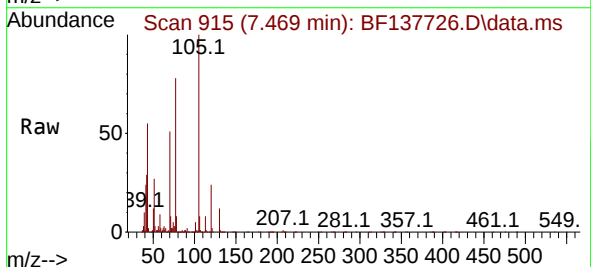
Ion Ratio Lower Upper

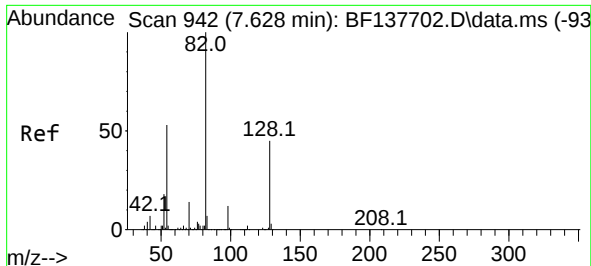
105 100

71 8.5 7.0 10.6

51 26.9 20.5 30.7

120 24.3 19.2 28.8





#23

Nitrobenzene-d5

Concen: 58.179 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

Tgt Ion: 82 Resp: 107228

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.6

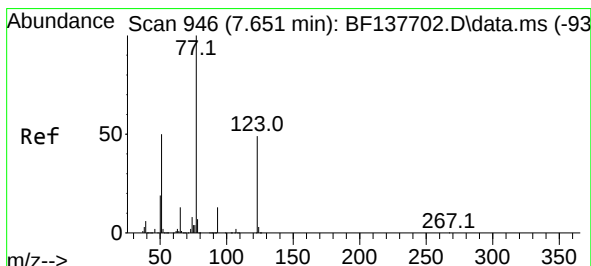
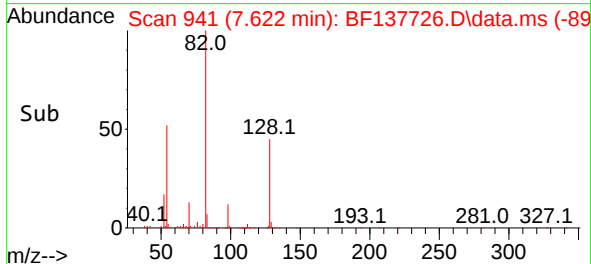
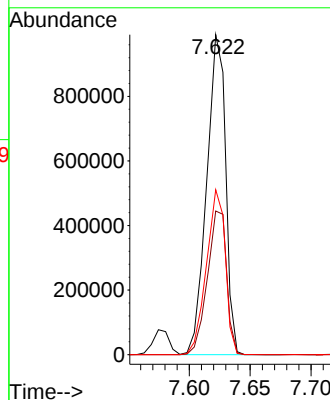
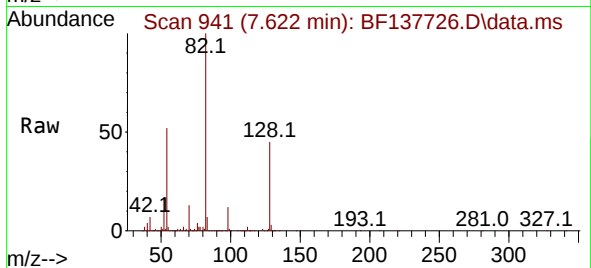
54 51.5 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#24

Nitrobenzene

Concen: 46.056 ng

RT: 7.645 min Scan# 945

Delta R.T. -0.006 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

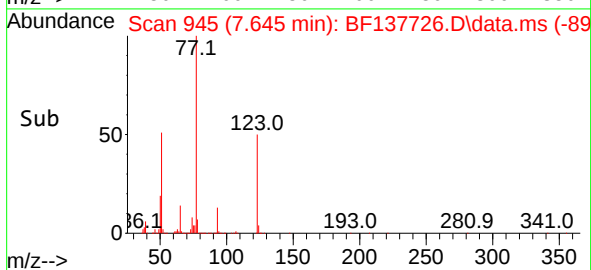
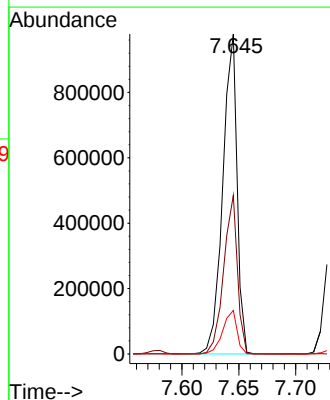
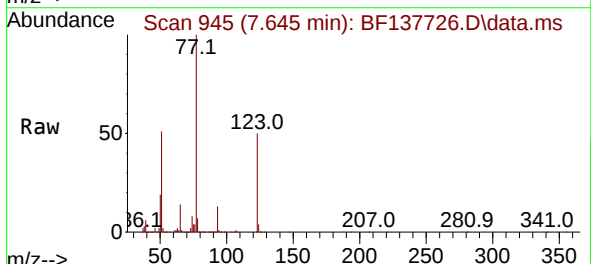
Tgt Ion: 77 Resp: 857591

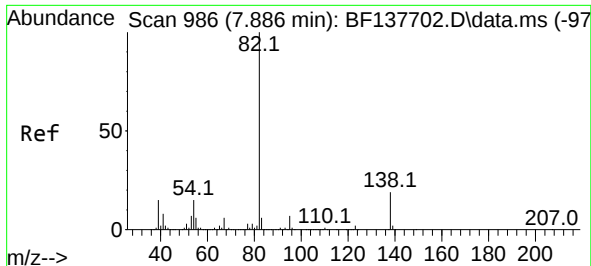
Ion Ratio Lower Upper

77 100

123 49.5 40.4 60.6

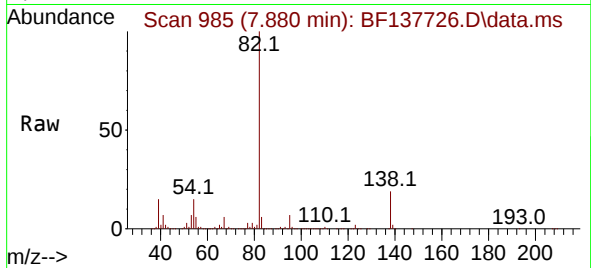
65 13.6 10.7 16.1





#25
Isophorone
Concen: 45.602 ng
RT: 7.880 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

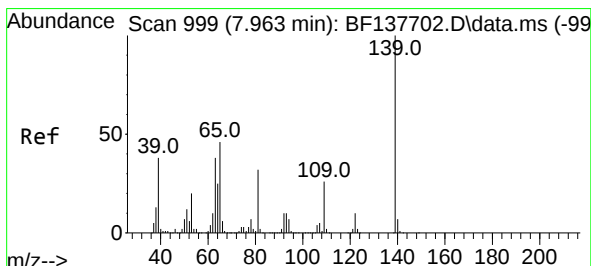
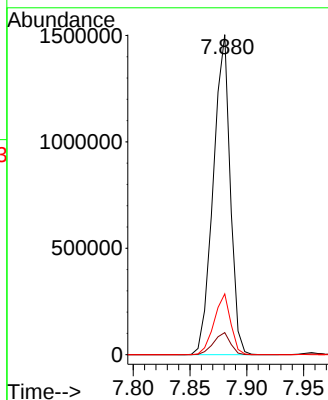
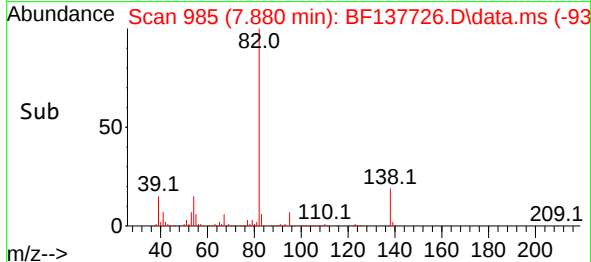
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



Tgt Ion: 82 Resp: 1560940
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 19.0 15.3 22.9

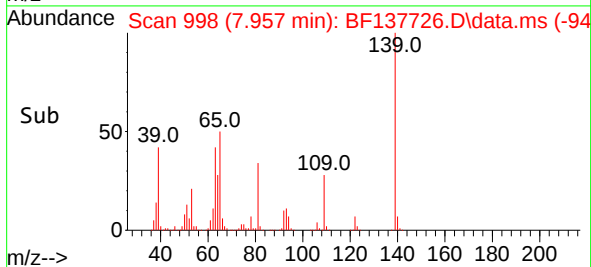
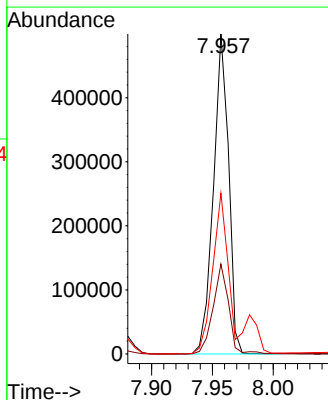
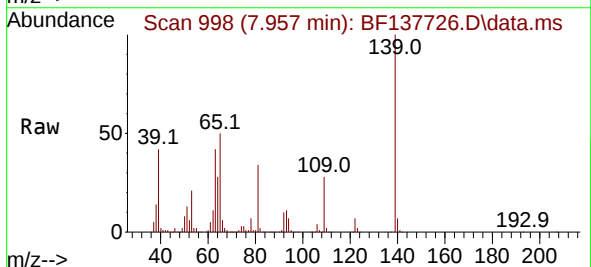
Manual Integrations
APPROVED

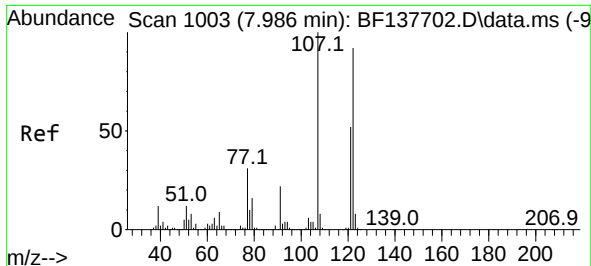
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 52.960 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:139 Resp: 432761
Ion Ratio Lower Upper
139 100
109 28.1 21.1 31.7
65 50.2 37.1 55.7





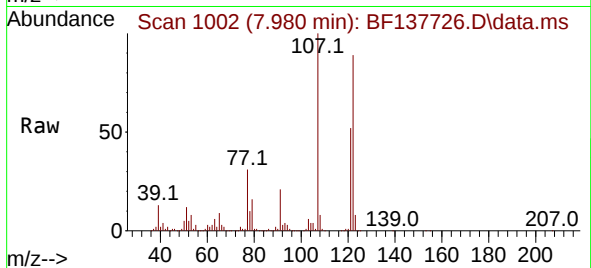
#27
2,4-Dimethylphenol
Concen: 38.443 ng
RT: 7.980 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



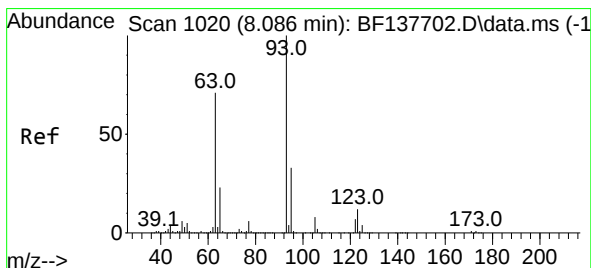
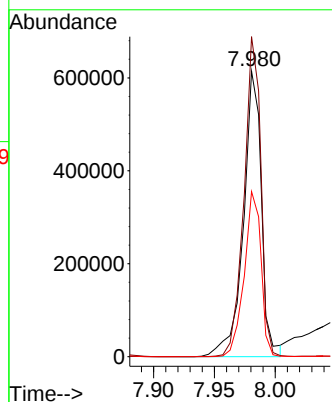
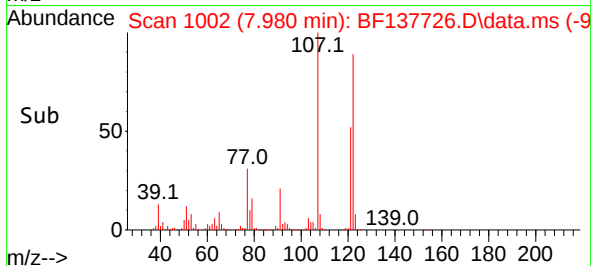
Tgt Ion:122 Resp: 633770
Ion Ratio Lower Upper
122 100
107 112.1 87.2 130.8
121 57.9 45.2 67.8

Manual Integrations

APPROVED

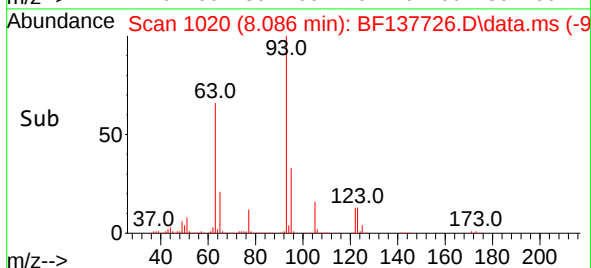
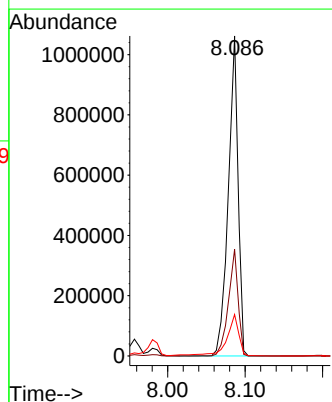
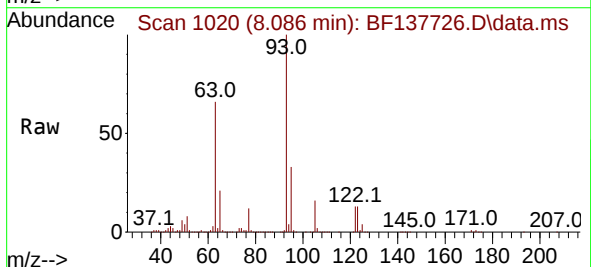
Reviewed By :Yogesh Patel 04/26/2024

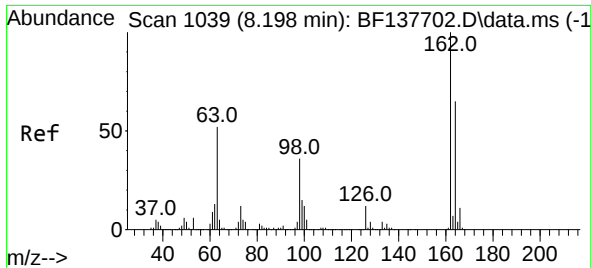
Supervised By :mohammad ahmed 04/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.704 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion: 93 Resp: 934663
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 13.0 9.8 14.8





#29
2,4-Dichlorophenol
Concen: 47.703 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

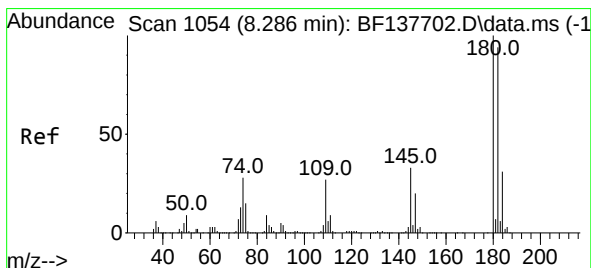
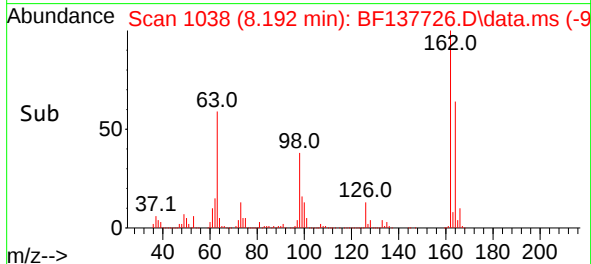
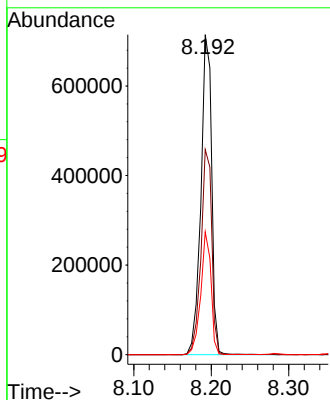
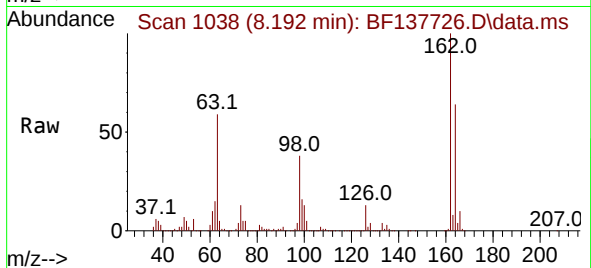
ClientSampleId :

YARD-3MSD

Tgt Ion:162 Resp: 689220
Ion Ratio Lower Upper
162 100
164 64.1 45.2 85.2
98 38.4 15.7 55.7

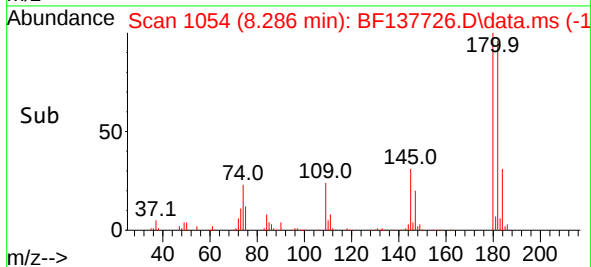
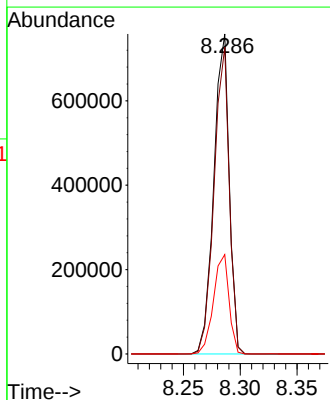
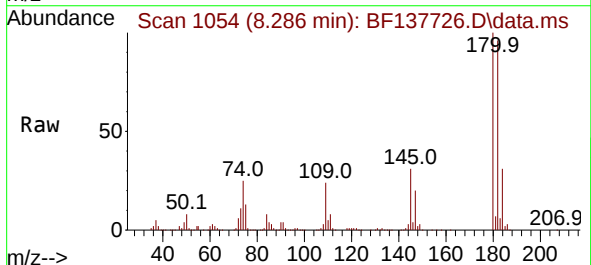
Manual Integrations
APPROVED

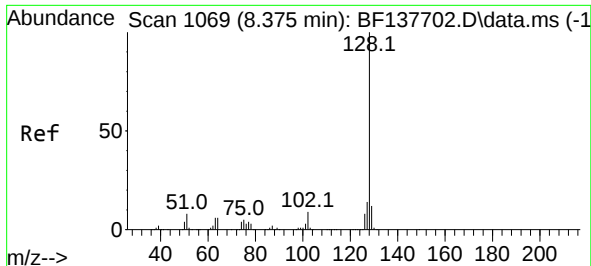
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 48.629 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:180 Resp: 716143
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.2
145 31.1 26.3 39.5





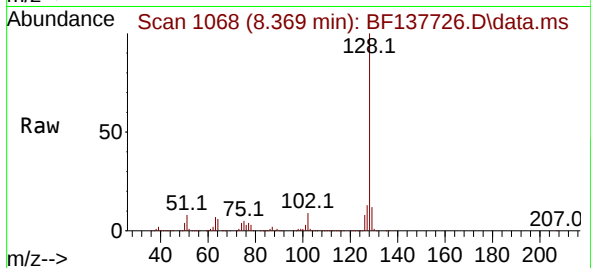
#31
Naphthalene
Concen: 46.771 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



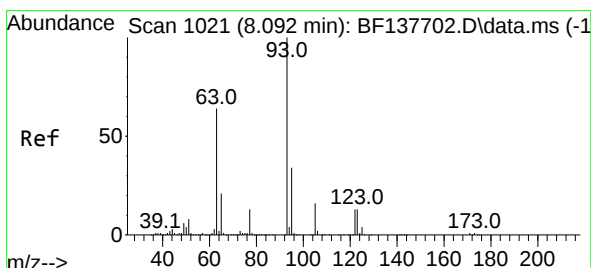
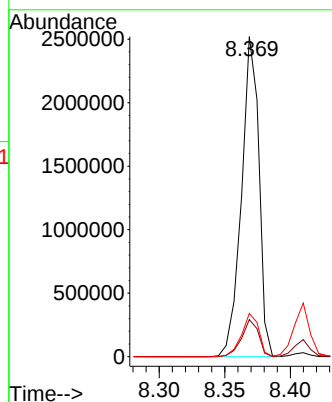
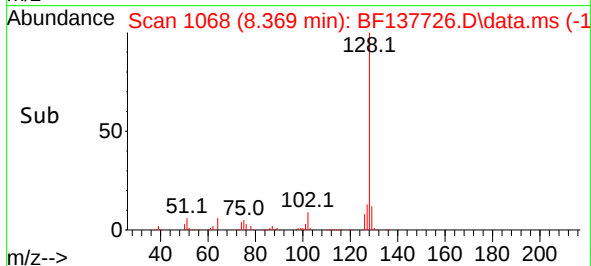
Tgt Ion:128 Resp: 233507
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 11.0 16.6

Manual Integrations

APPROVED

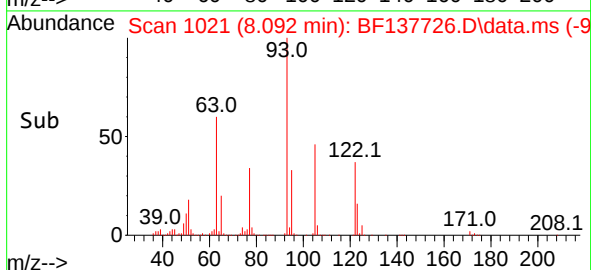
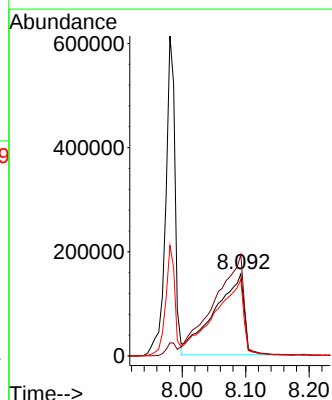
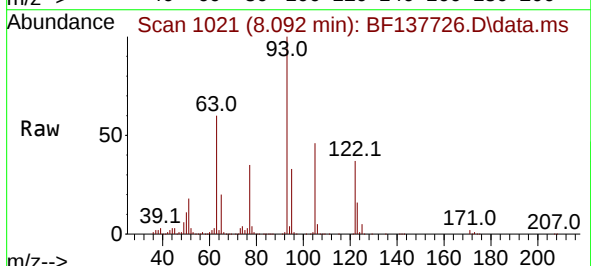
Reviewed By :Yogesh Patel 04/26/2024

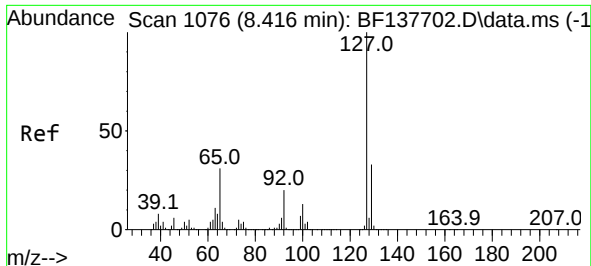
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 48.538 ng m
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:122 Resp: 506666
Ion Ratio Lower Upper
122 100
105 123.6 101.1 141.1
77 93.4 75.7 115.7





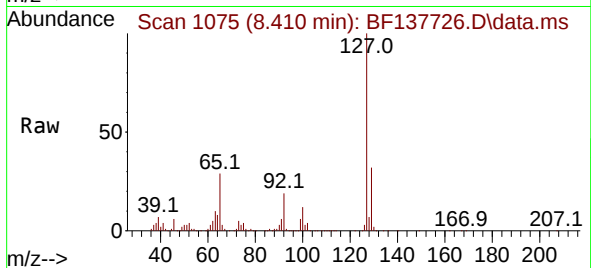
#33
4-Chloroaniline
Concen: 16.794 ng
RT: 8.410 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



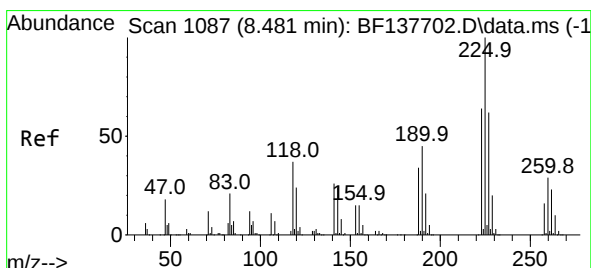
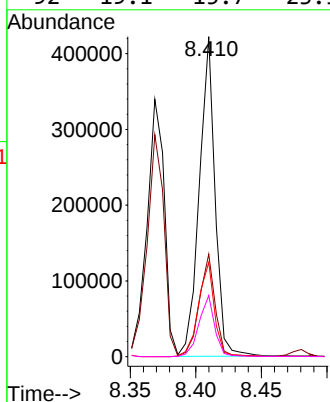
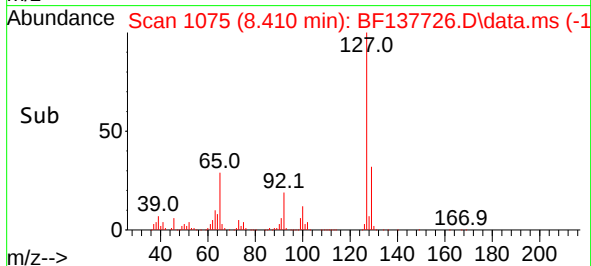
Tgt Ion:127 Resp: 354880
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 29.4 24.6 36.8
92 19.1 15.7 23.5

Manual Integrations

APPROVED

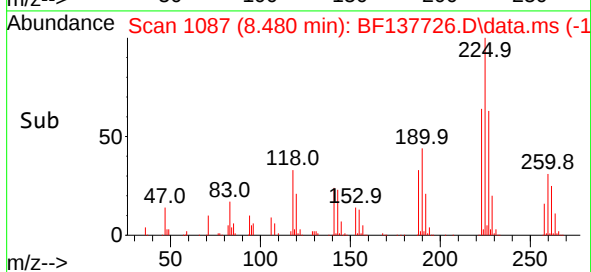
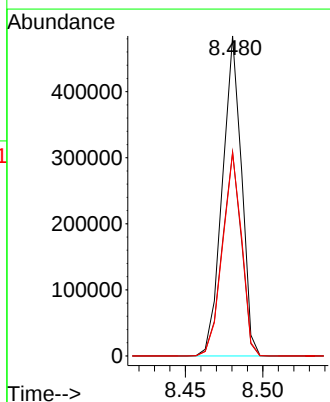
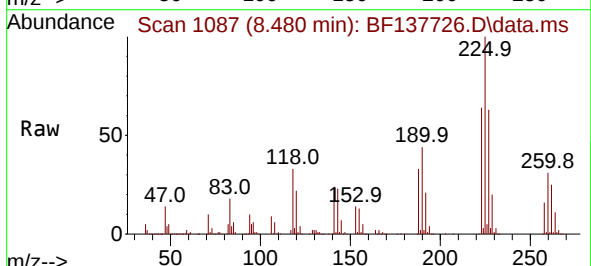
Reviewed By :Yogesh Patel 04/26/2024

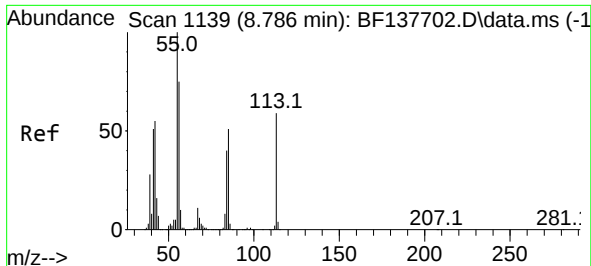
Supervised By :mohammad ahmed 04/27/2024



#34
Hexachlorobutadiene
Concen: 47.059 ng
RT: 8.480 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

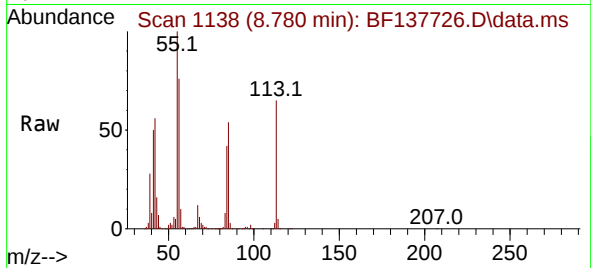
Tgt Ion:225 Resp: 415472
Ion Ratio Lower Upper
225 100
223 63.8 51.4 77.0
227 63.4 49.4 74.2





#35
 Caprolactam
 Concen: 47.974 ng m
 RT: 8.780 min Scan# 1139
 Delta R.T. -0.006 min
 Lab File: BF137726.D
 Acq: 24 Apr 2024 19:24

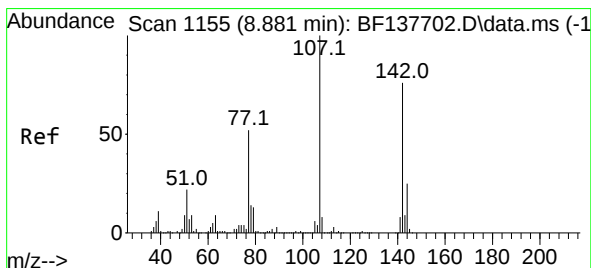
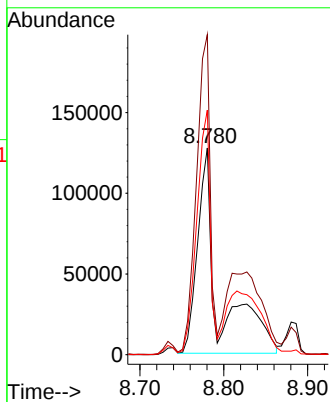
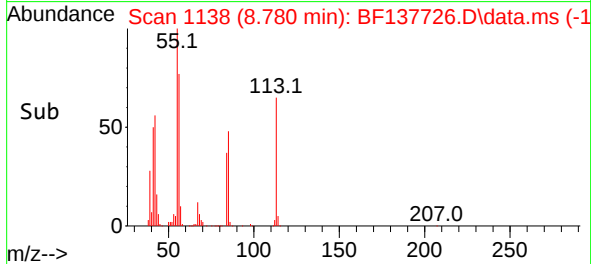
Instrument :
 BNA_F
 ClientSampleId :
 YARD-3MSD



Tgt Ion:113 Resp: 224102
 Ion Ratio Lower Upper
 113 100
 55 154.8 148.7 188.7
 56 118.3 107.2 147.2

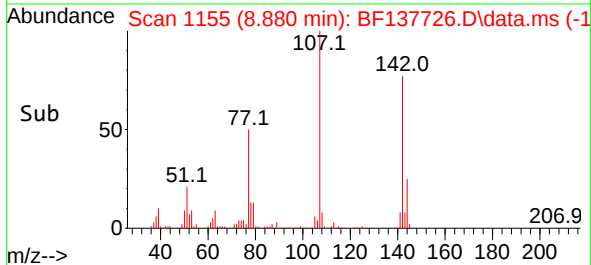
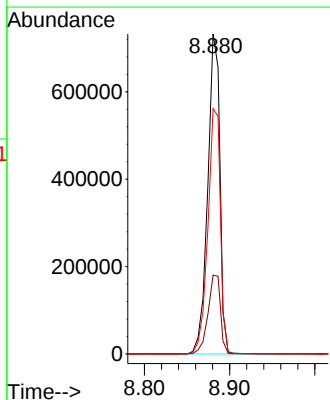
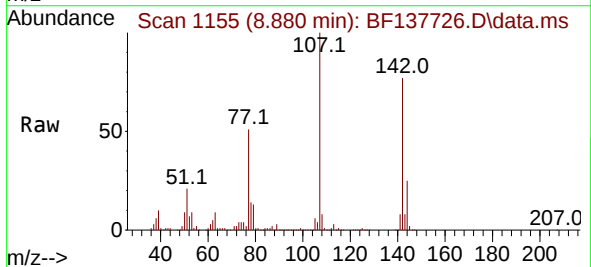
Manual Integrations
 APPROVED

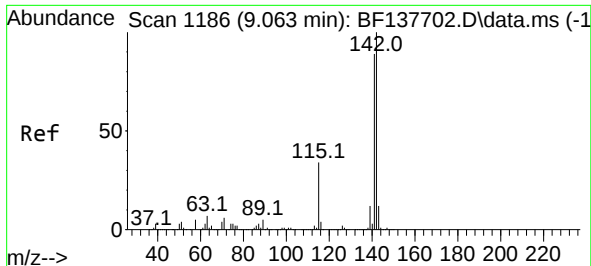
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#36
 4-Chloro-3-methylphenol
 Concen: 47.447 ng
 RT: 8.880 min Scan# 1155
 Delta R.T. -0.000 min
 Lab File: BF137726.D
 Acq: 24 Apr 2024 19:24

Tgt Ion:107 Resp: 727095
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.8
 142 76.6 60.5 90.7





#37

2-Methylnaphthalene

Concen: 44.825 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

Tgt Ion:142 Resp: 153602

Ion Ratio Lower Upper

142 100

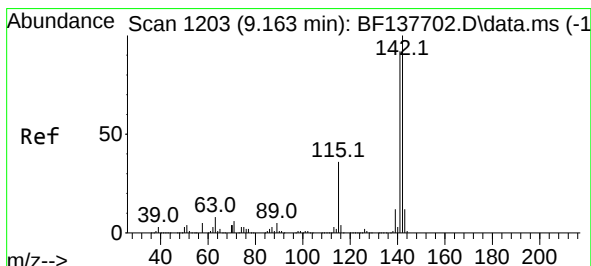
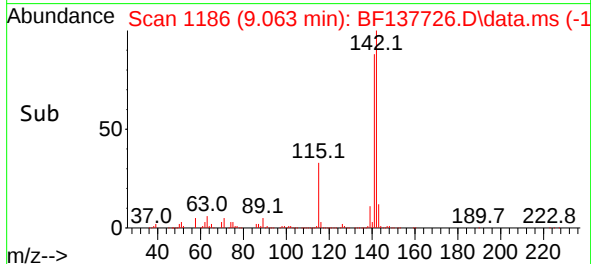
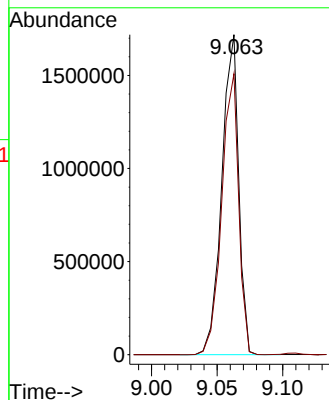
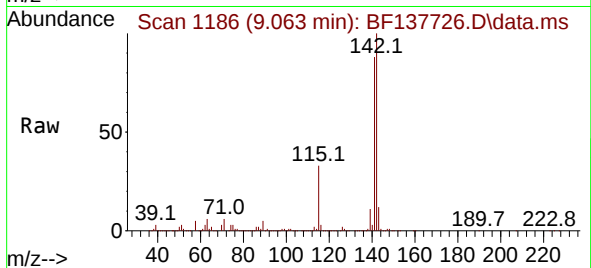
141 87.8 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#38

1-Methylnaphthalene

Concen: 44.600 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF137726.D

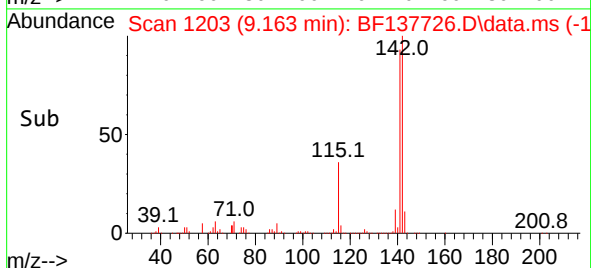
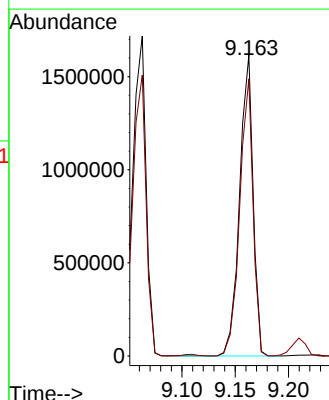
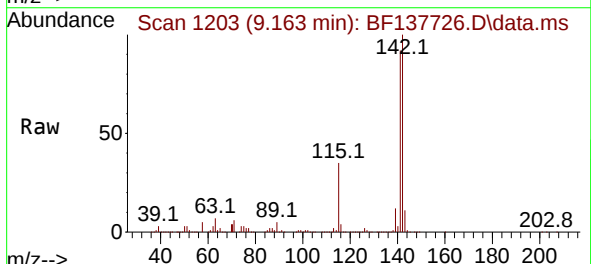
Acq: 24 Apr 2024 19:24

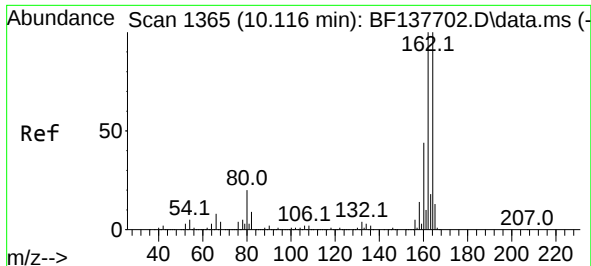
Tgt Ion:142 Resp: 1428890

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.0





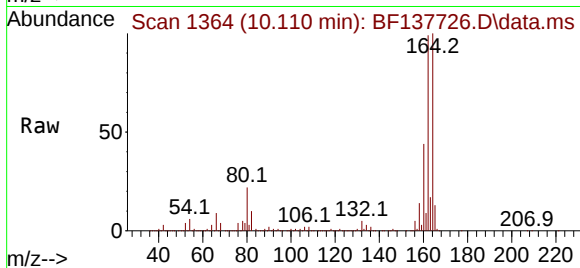
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



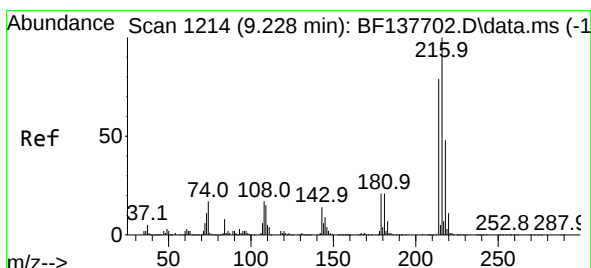
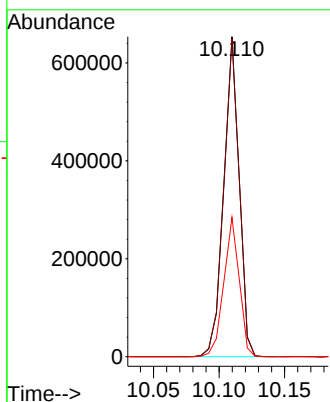
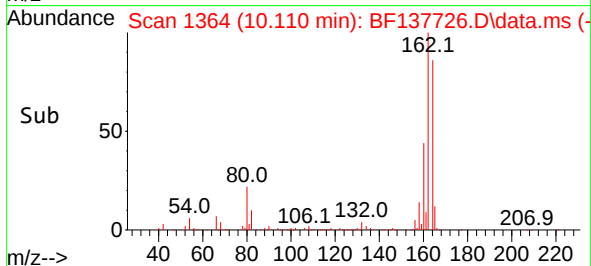
Tgt Ion:164 Resp: 532180
Ion Ratio Lower Upper
164 100
162 99.5 80.3 120.5
160 43.6 35.0 52.4

Manual Integrations

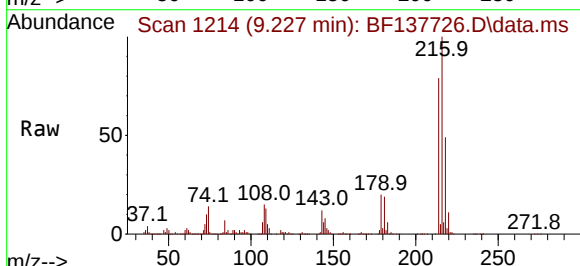
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

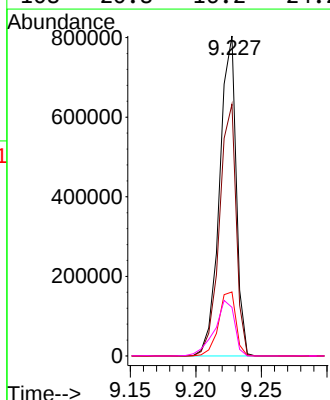
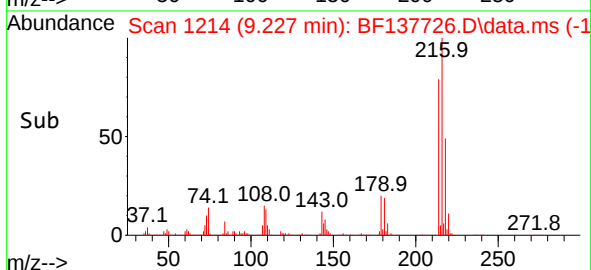
Supervised By :mohammad ahmed 04/27/2024

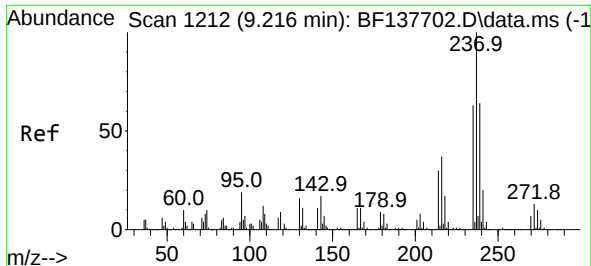


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.408 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



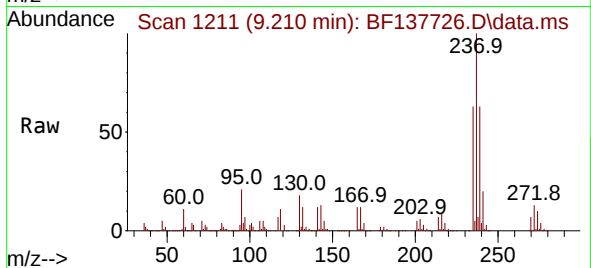
Tgt Ion:216 Resp: 706274
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 20.9 17.1 25.7
108 20.8 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 90.210 ng
RT: 9.210 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

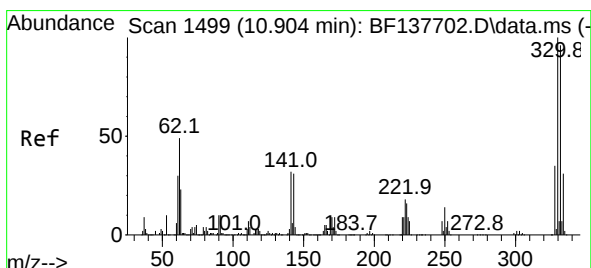
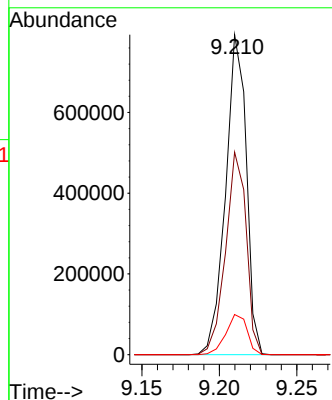
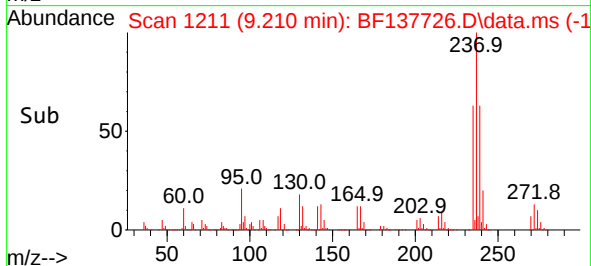
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



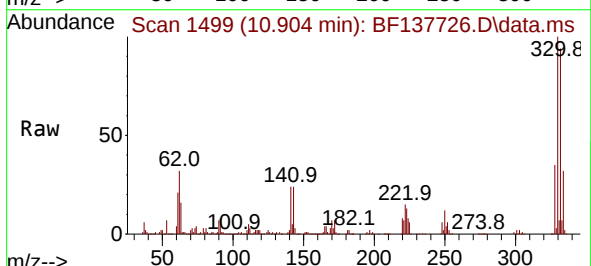
Tgt Ion:237 Resp: 73746
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.5 0.0 33.1

Manual Integrations
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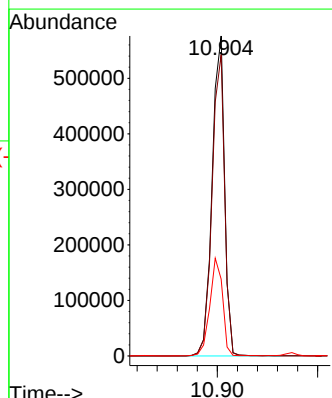
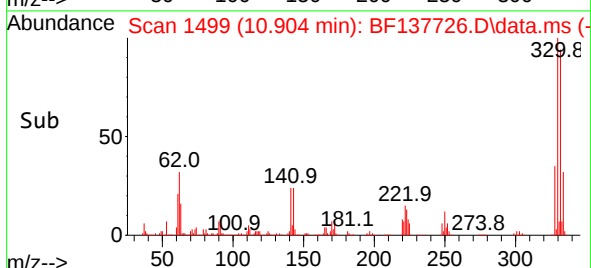
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

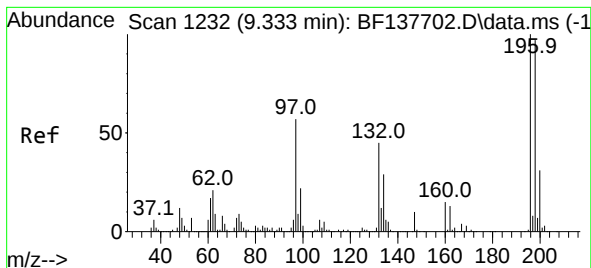


#42
2,4,6-Tribromophenol
Concen: 92.657 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



Tgt Ion:330 Resp: 497585
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 31.5 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 49.900 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF137726.D

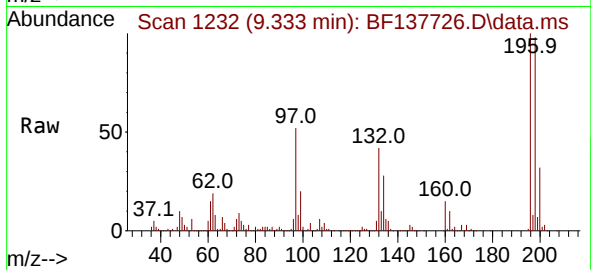
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



Tgt Ion:196 Resp: 510738

Ion Ratio Lower Upper

196 100

198 98.1 77.8 116.6

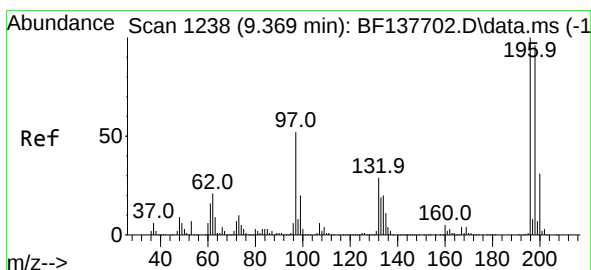
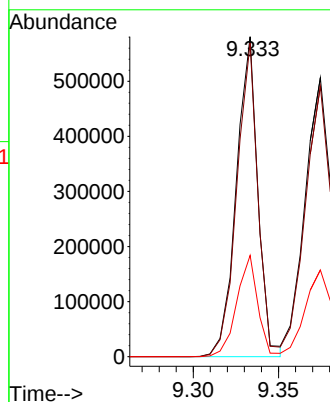
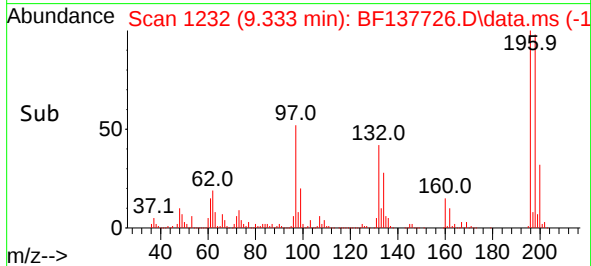
200 31.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#44

2,4,5-Trichlorophenol

Concen: 45.430 ng

RT: 9.374 min Scan# 1239

Delta R.T. 0.005 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Tgt Ion:196 Resp: 532901

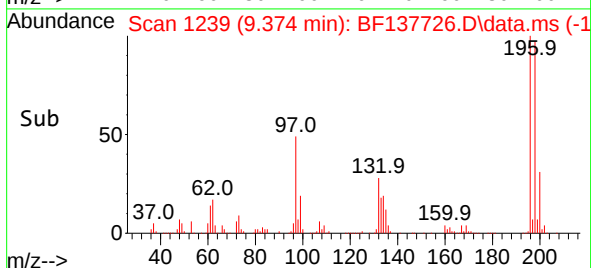
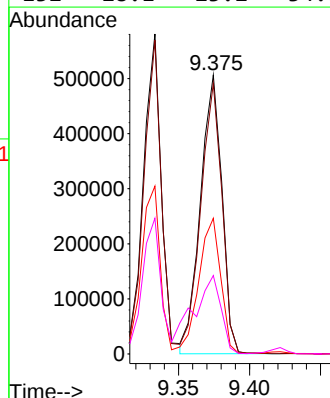
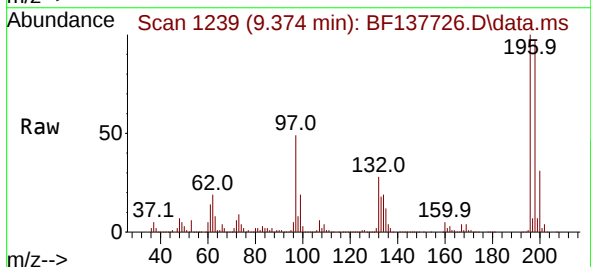
Ion Ratio Lower Upper

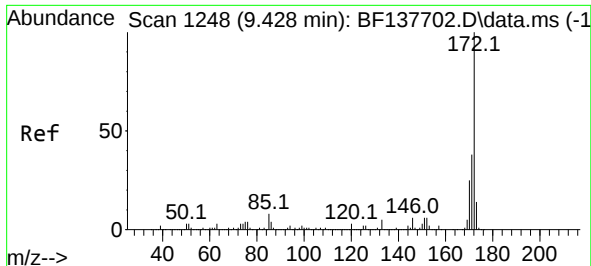
196 100

198 97.0 77.2 115.8

97 48.7 41.8 62.8

132 28.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 57.472 ng

RT: 9.422 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

Tgt Ion:172 Resp: 204696

Ion Ratio Lower Upper

172 100

171 36.2 30.2 45.4

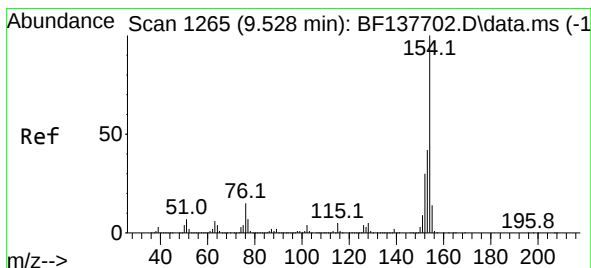
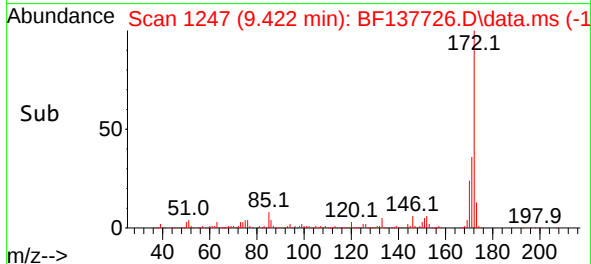
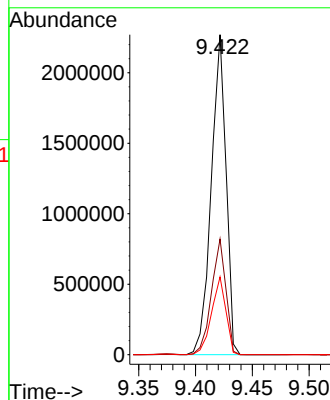
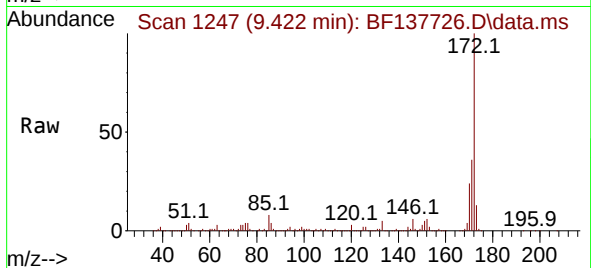
170 24.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#46

1,1'-Biphenyl

Concen: 47.580 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

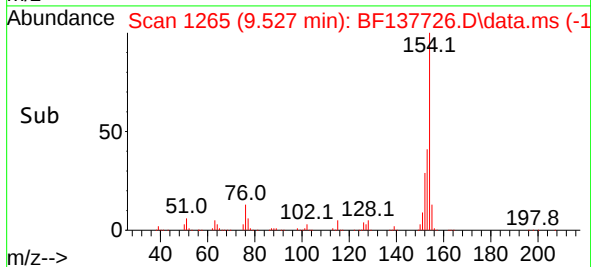
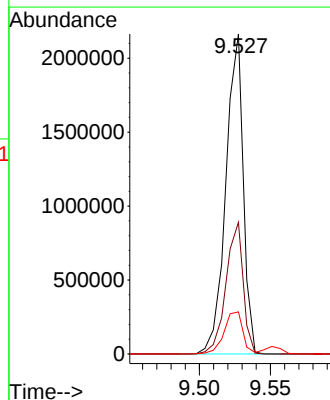
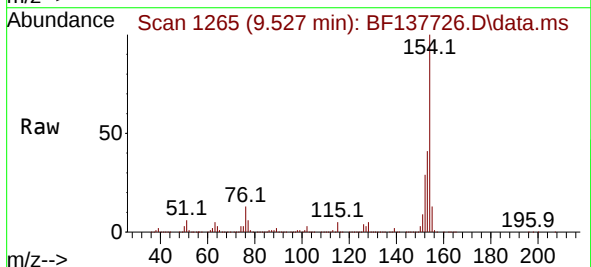
Tgt Ion:154 Resp: 1842082

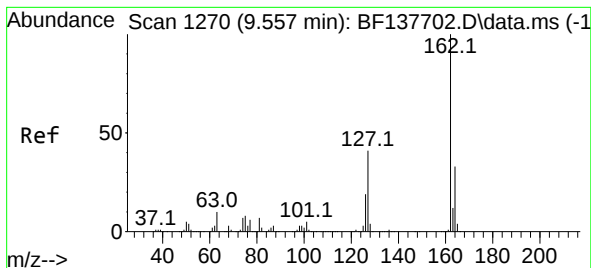
Ion Ratio Lower Upper

154 100

153 41.2 21.9 61.9

76 13.1 0.0 35.3





#47

2-Chloronaphthalene

Concen: 48.711 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

Tgt Ion:162 Resp: 1453740

Ion Ratio Lower Upper

162 100

127 42.2 33.1 49.7

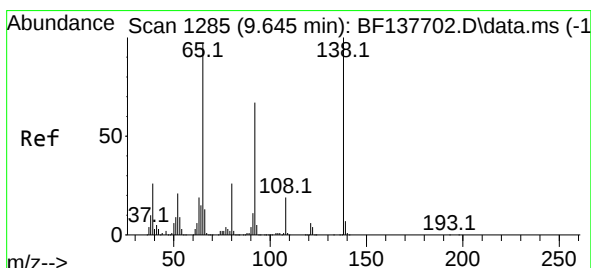
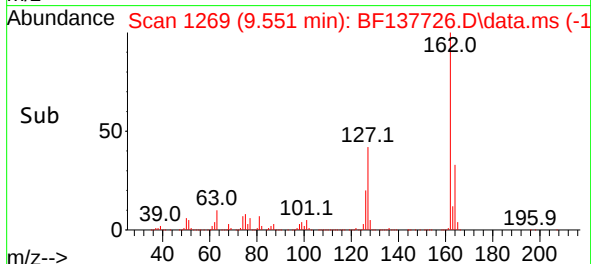
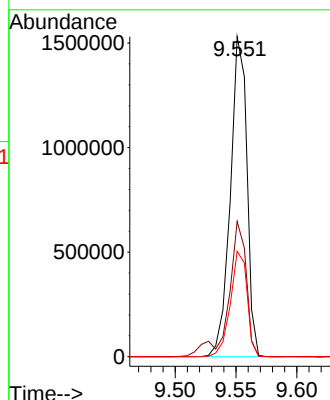
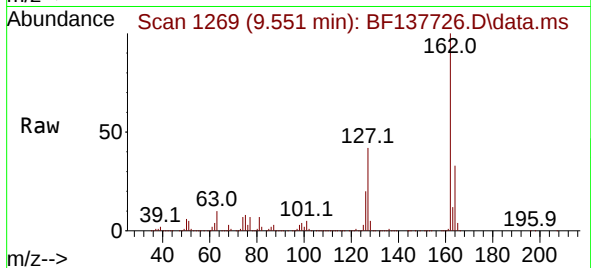
164 32.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#48

2-Nitroaniline

Concen: 50.022 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

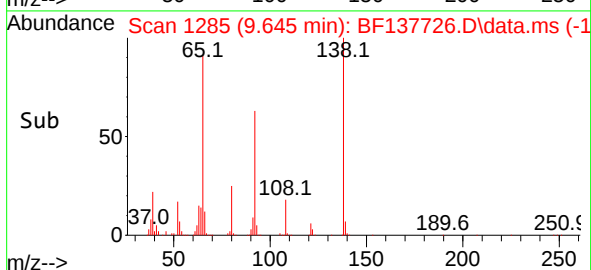
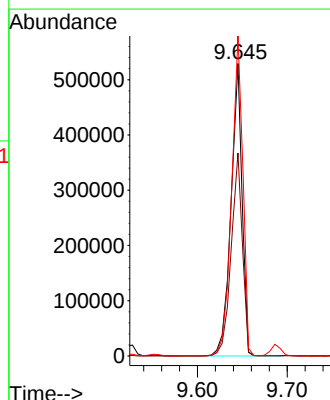
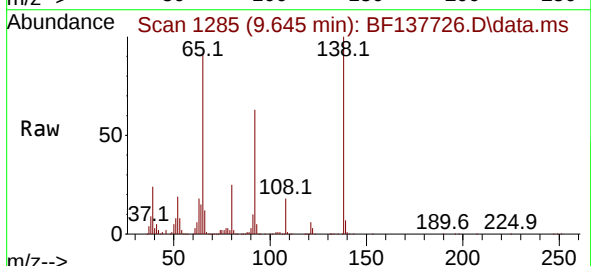
Tgt Ion: 65 Resp: 454909

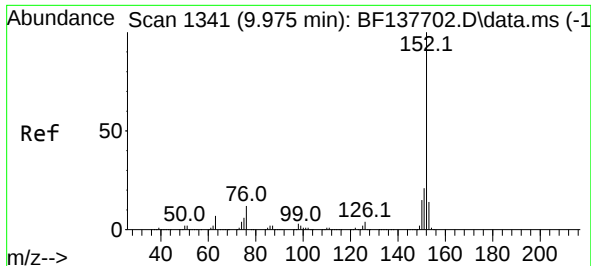
Ion Ratio Lower Upper

65 100

92 69.4 54.9 82.3

138 109.4 82.4 123.6





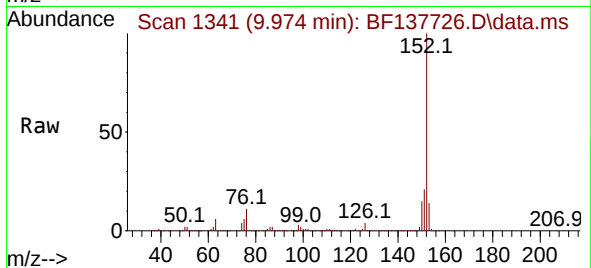
#49
Acenaphthylene
Concen: 49.556 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



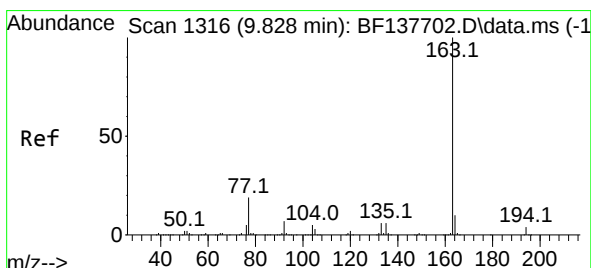
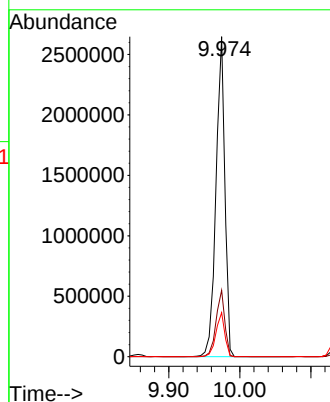
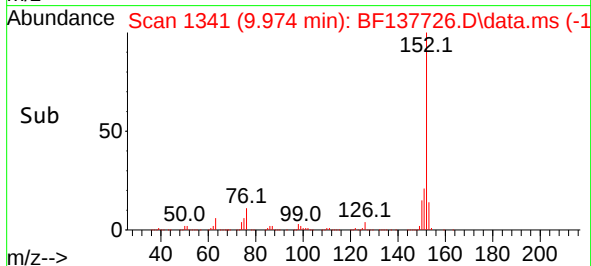
Tgt Ion:152 Resp: 230636
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.8 11.0 16.4

Manual Integrations

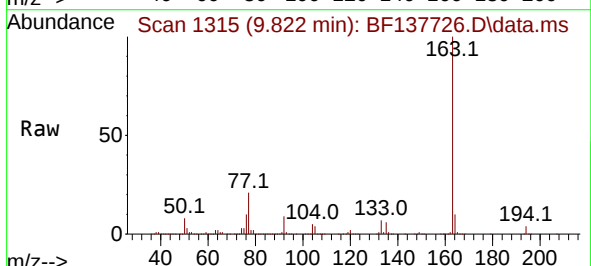
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

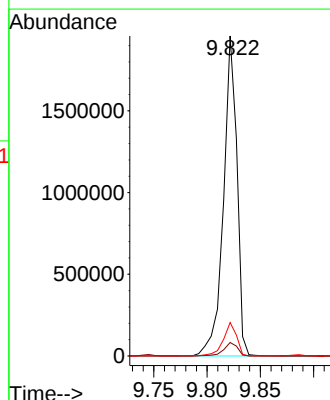
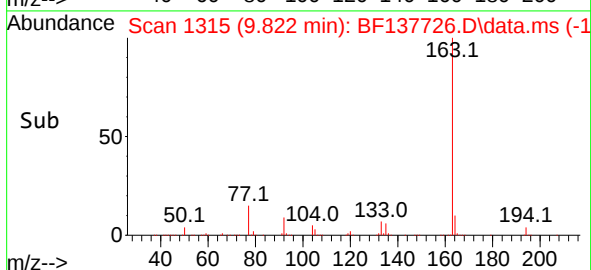
Supervised By :mohammad ahmed 04/27/2024

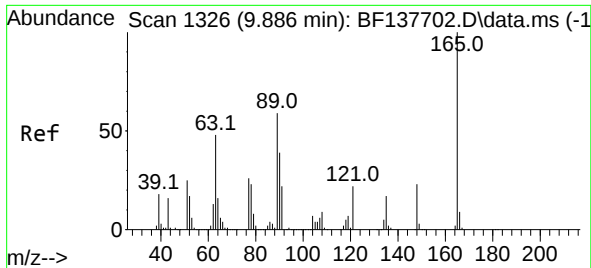


#50
Dimethylphthalate
Concen: 46.323 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



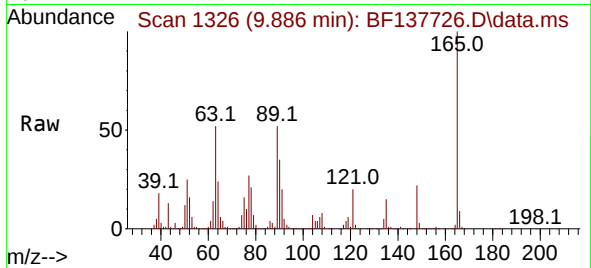
Tgt Ion:163 Resp: 1717601
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.278 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

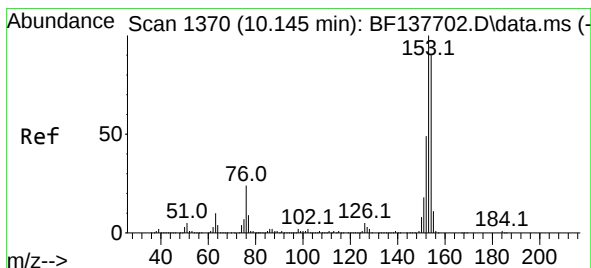
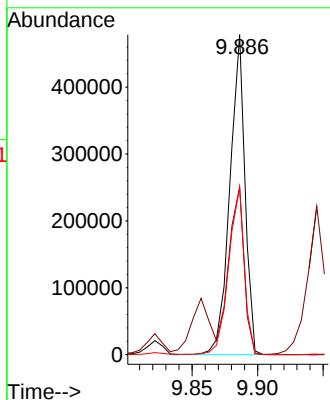
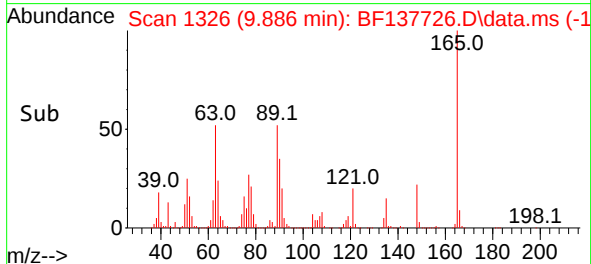
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



Tgt Ion:165 Resp: 384970
Ion Ratio Lower Upper
165 100
63 52.5 47.7 71.5
89 52.3 47.3 70.9

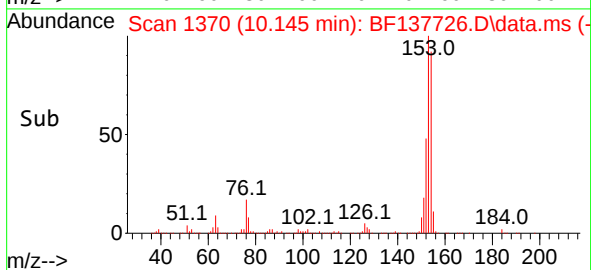
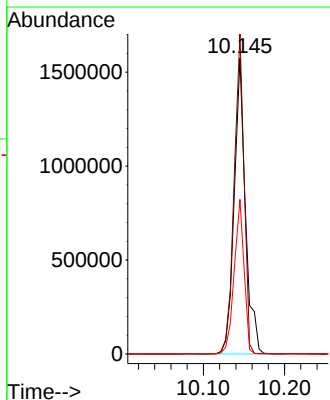
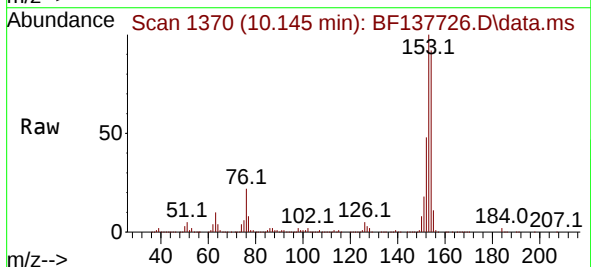
Manual Integrations
APPROVED

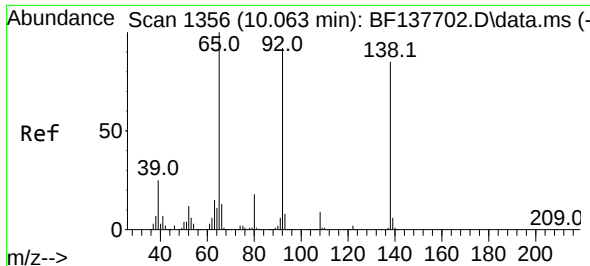
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#52
Acenaphthene
Concen: 50.437 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:154 Resp: 1519967
Ion Ratio Lower Upper
154 100
153 108.2 88.5 132.7
152 52.2 43.3 64.9





#53
3-Nitroaniline
Concen: 30.268 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

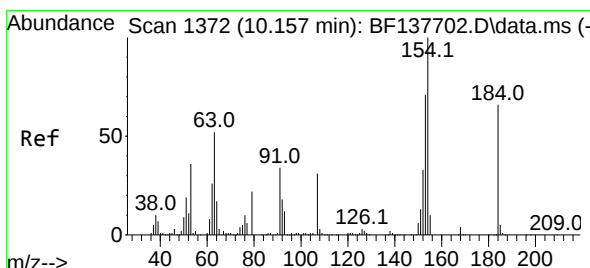
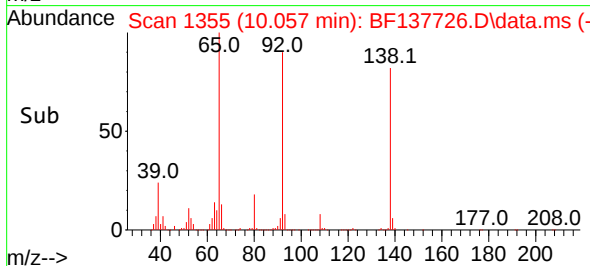
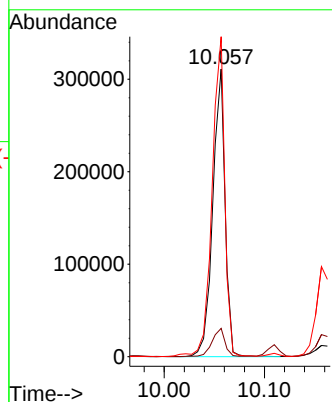
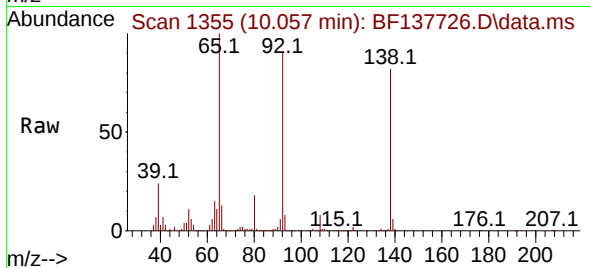
YARD-3MSD

Tgt Ion:138 Resp: 265732
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 111.2 86.9 130.3

Manual Integrations

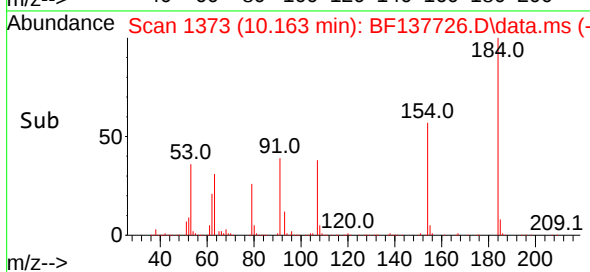
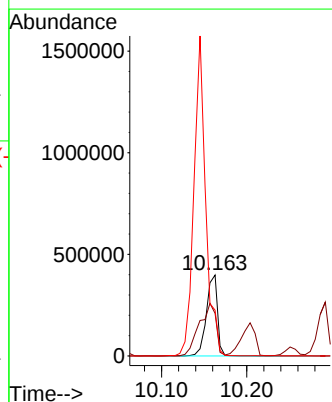
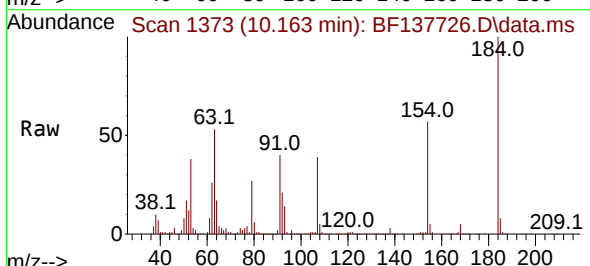
APPROVED

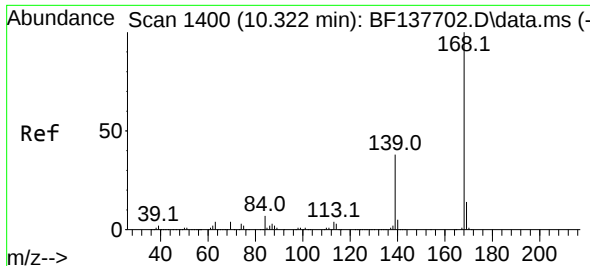
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#54
2,4-Dinitrophenol
Concen: 85.683 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:184 Resp: 357422
Ion Ratio Lower Upper
184 100
63 52.5 63.5 95.3#
154 56.6 123.0 184.6#





#55
Dibenzofuran
Concen: 48.155 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

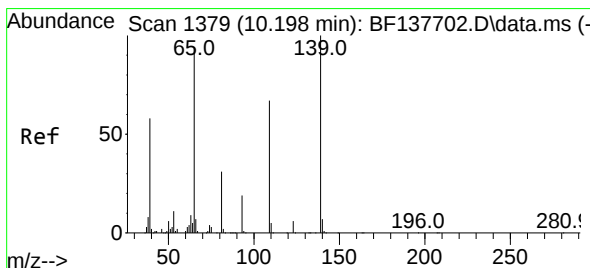
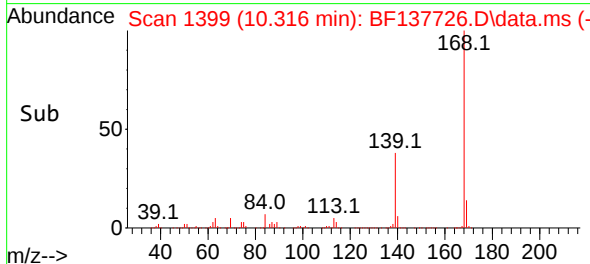
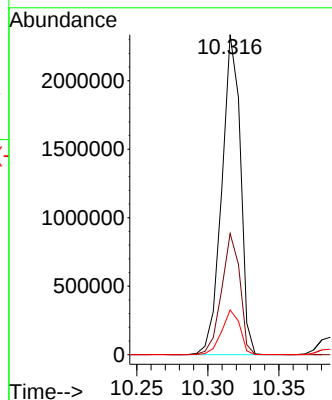
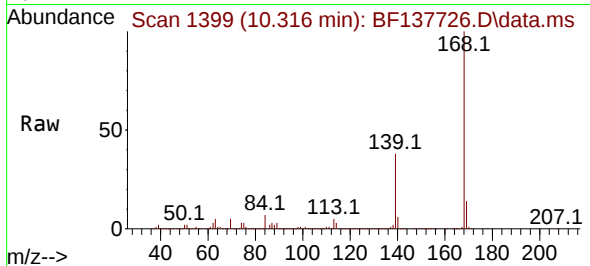
YARD-3MSD

Tgt Ion:168 Resp: 2127250
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.0 10.9 16.3

Manual Integrations

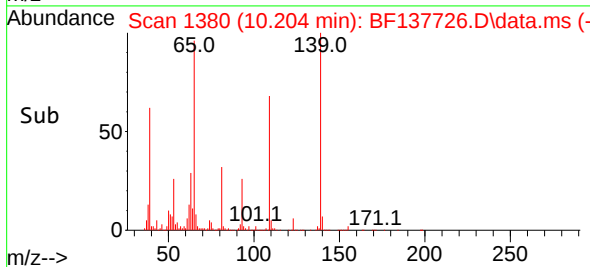
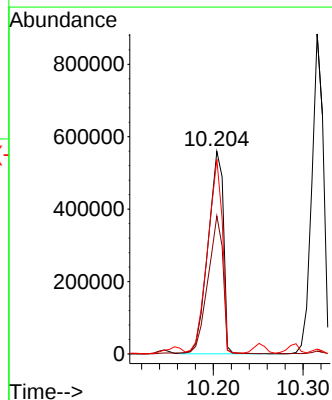
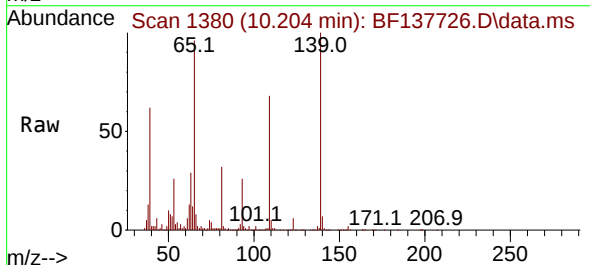
APPROVED

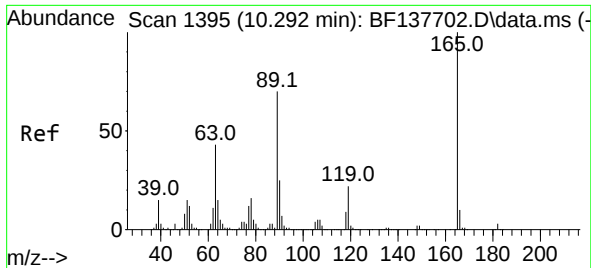
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#56
4-Nitrophenol
Concen: 97.274 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:139 Resp: 664133
Ion Ratio Lower Upper
139 100
109 68.2 46.9 86.9
65 96.1 75.8 115.8





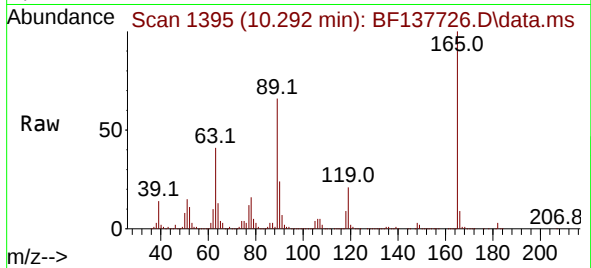
#57
2,4-Dinitrotoluene
Concen: 54.062 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

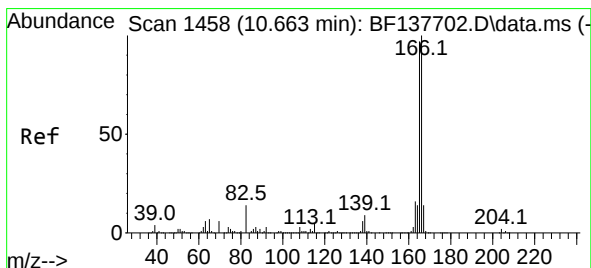
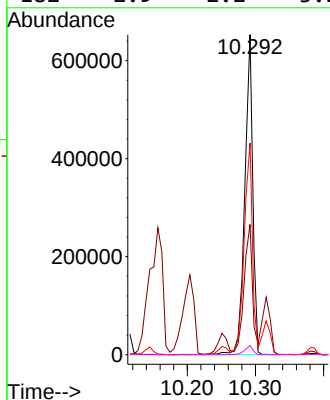
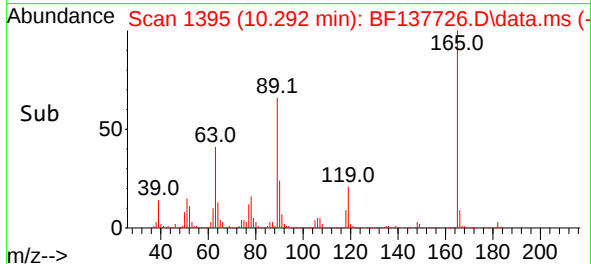


Tgt Ion:165 Resp: 53245
Ion Ratio Lower Upper
165 100
63 40.7 34.1 51.1
89 66.1 56.4 84.6
182 2.9 2.2 3.2

Manual Integrations

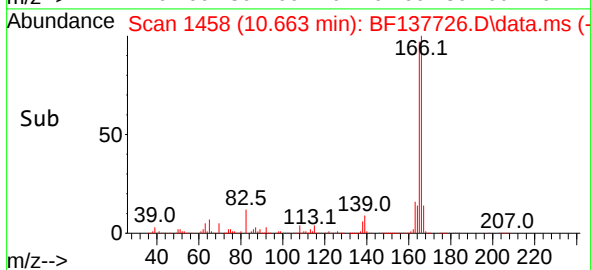
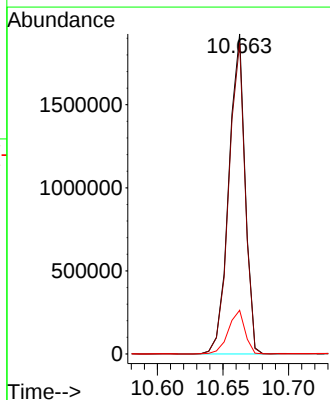
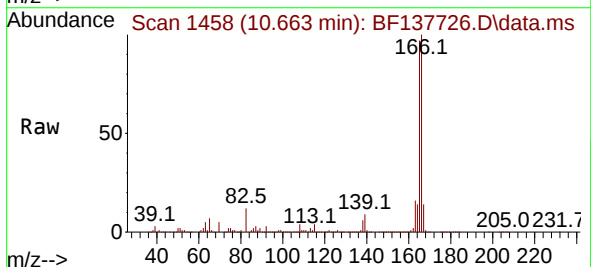
APPROVED

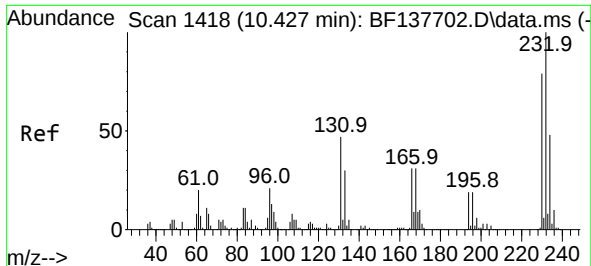
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#58
Fluorene
Concen: 48.099 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

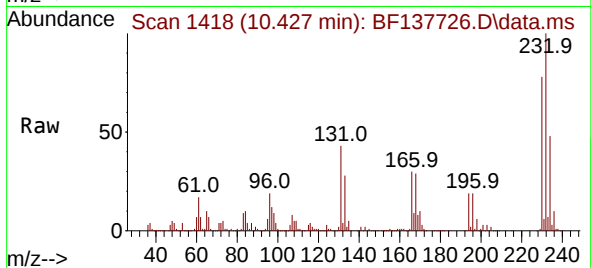
Tgt Ion:166 Resp: 1660224
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.872 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

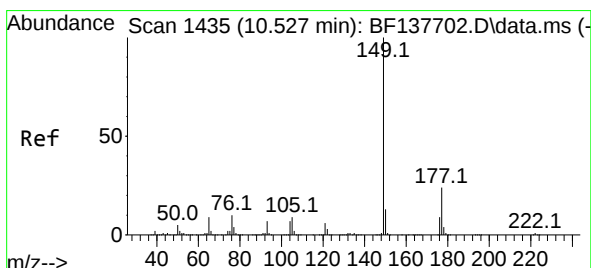
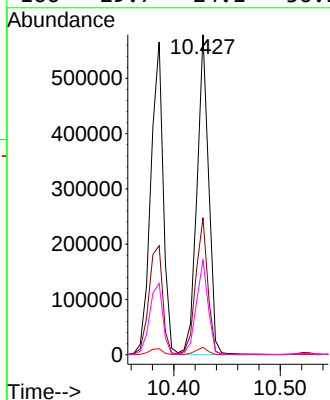
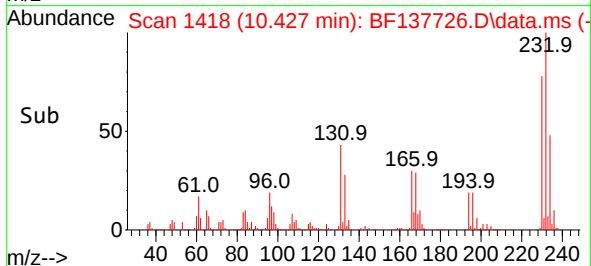
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



Tgt Ion:232 Resp: 443904
Ion Ratio Lower Upper
232 100
131 43.6 36.4 54.6
130 2.4 1.8 2.6
166 29.7 24.1 36.1

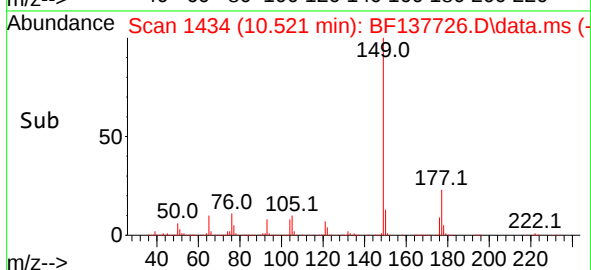
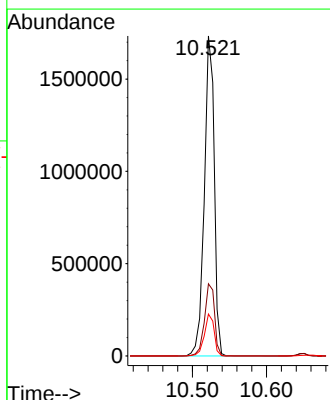
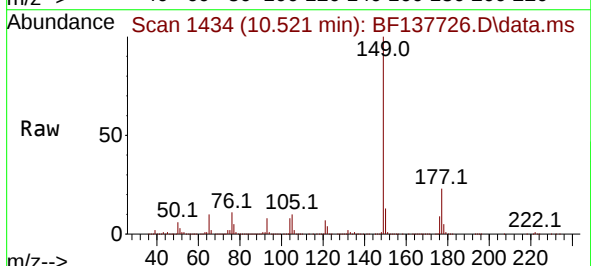
Manual Integrations
APPROVED

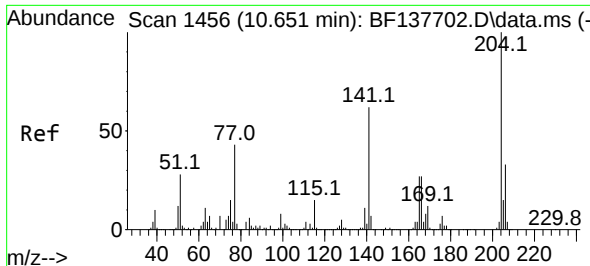
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#60
Diethylphthalate
Concen: 45.386 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

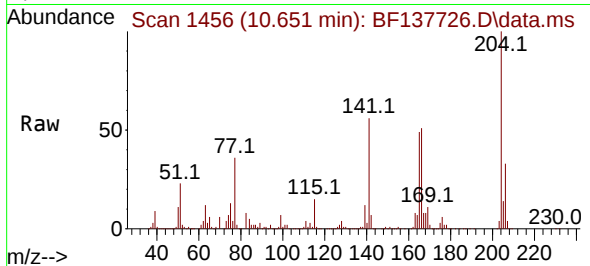
Tgt Ion:149 Resp: 1618620
Ion Ratio Lower Upper
149 100
177 22.6 19.0 28.4
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.622 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

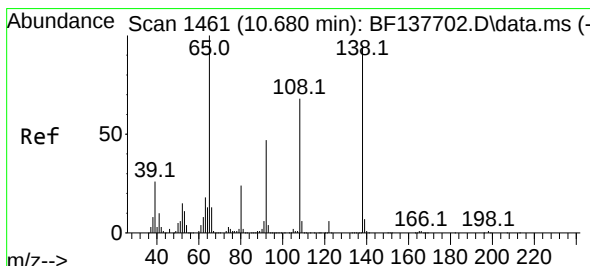
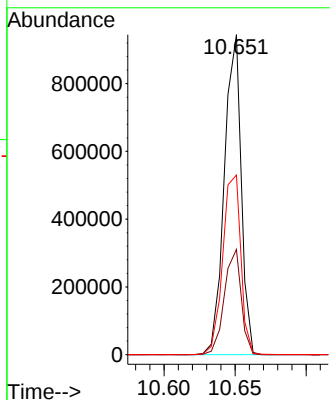
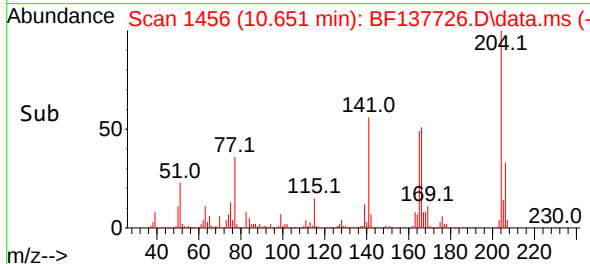
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



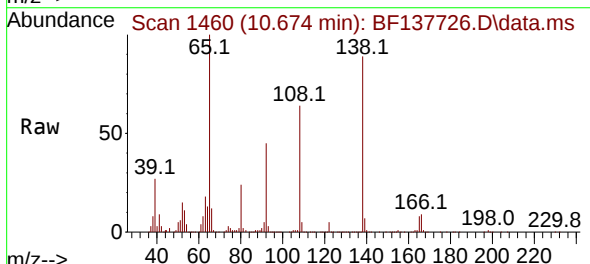
Tgt Ion:204 Resp: 778100
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 56.2 49.4 74.2

Manual Integrations
APPROVED

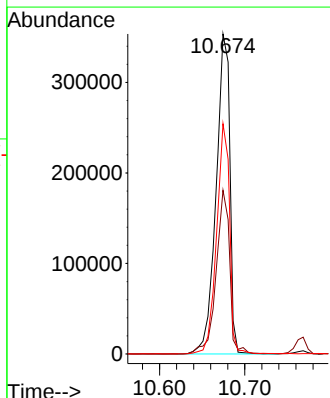
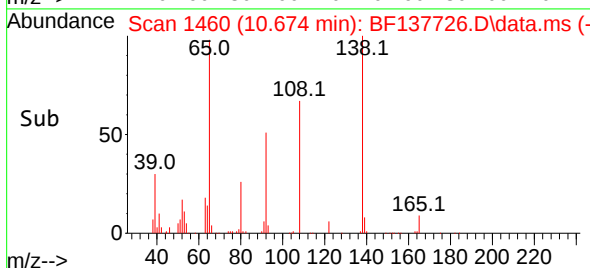
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

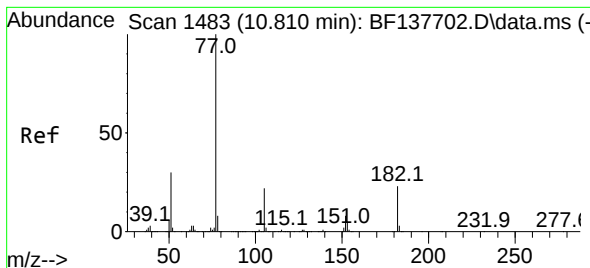


#62
4-Nitroaniline
Concen: 47.417 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



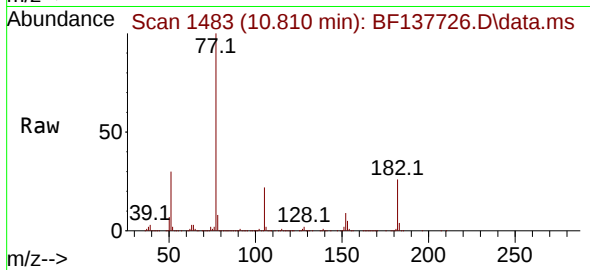
Tgt Ion:138 Resp: 396513
Ion Ratio Lower Upper
138 100
92 51.2 29.8 69.8
108 72.0 51.1 91.1





#63
Azobenzene
Concen: 45.190 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

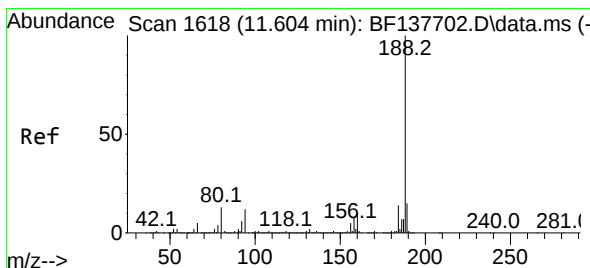
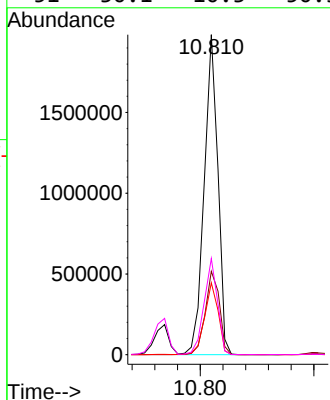
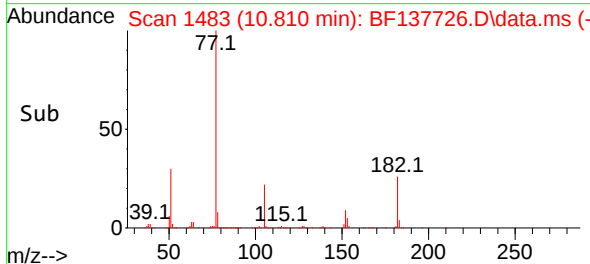
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



Tgt Ion: 77 Resp: 165146
Ion Ratio Lower Upper
77 100
182 26.1 3.1 43.1
105 22.4 1.6 41.6
51 30.1 10.3 50.3

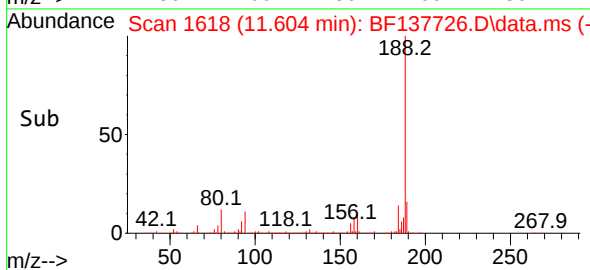
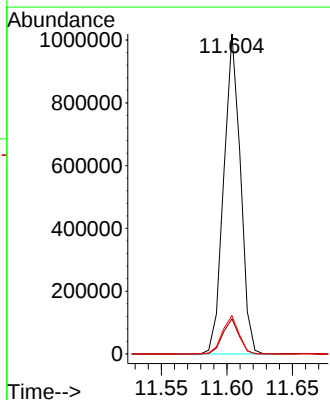
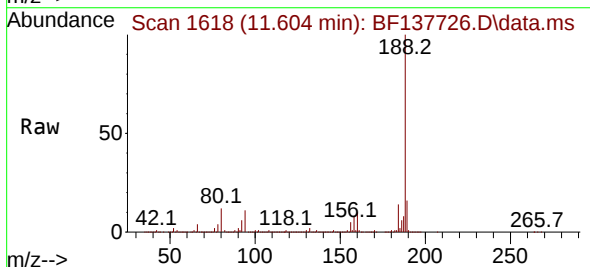
Manual Integrations
APPROVED

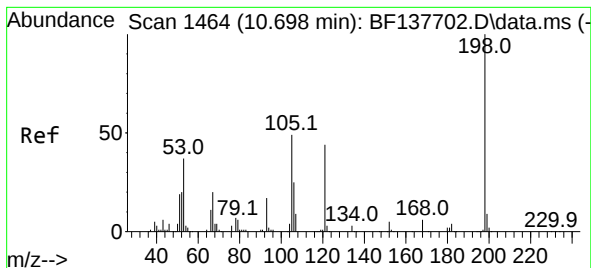
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

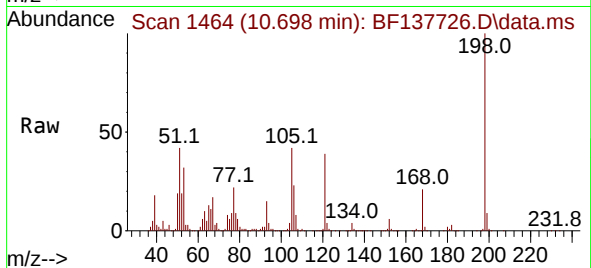
Tgt Ion:188 Resp: 899529
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.9 10.2 15.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.965 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

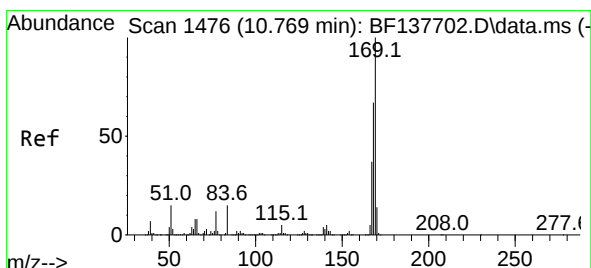
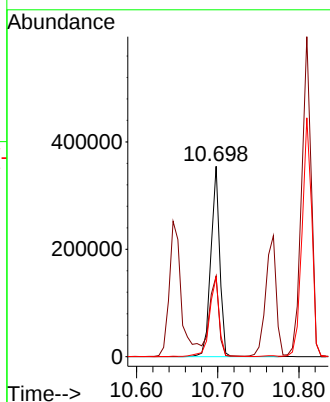
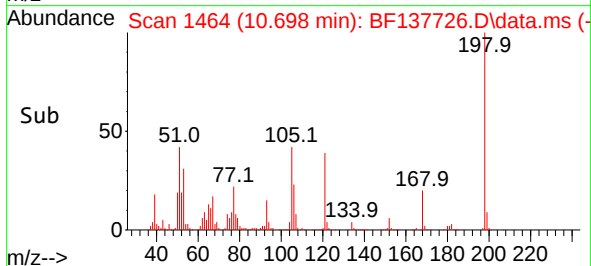
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



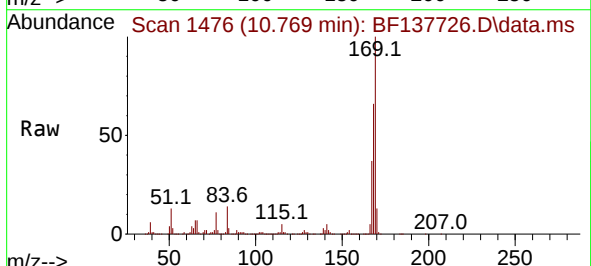
Tgt Ion:198 Resp: 26801
Ion Ratio Lower Upper
198 100
51 42.3 33.5 73.5
105 41.8 29.3 69.3

Manual Integrations
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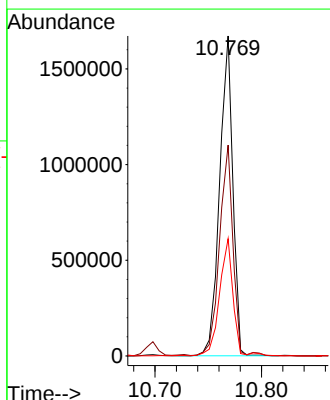
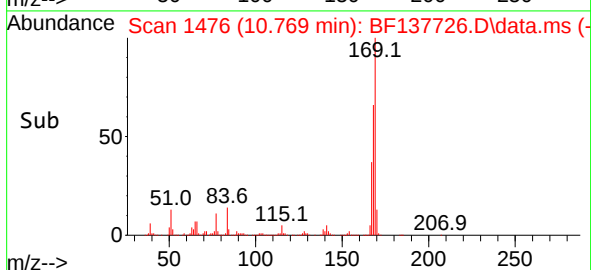
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

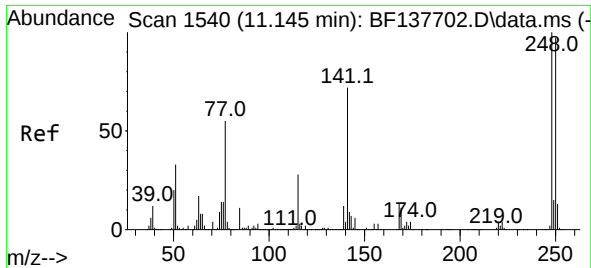


#66
n-Nitrosodiphenylamine
Concen: 47.019 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



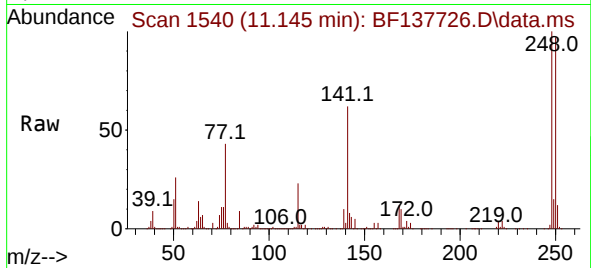
Tgt Ion:169 Resp: 1432479
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 36.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 47.108 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

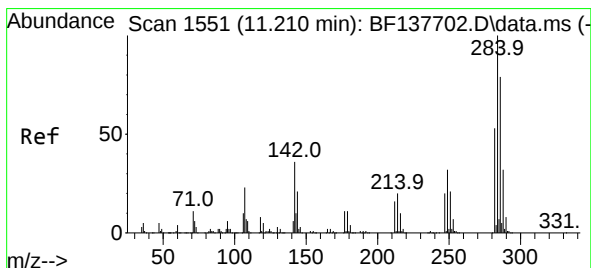
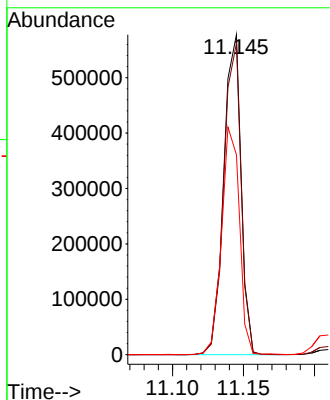
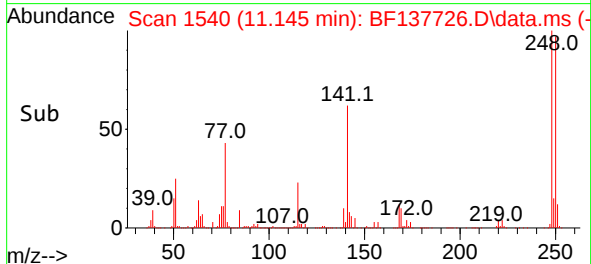
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



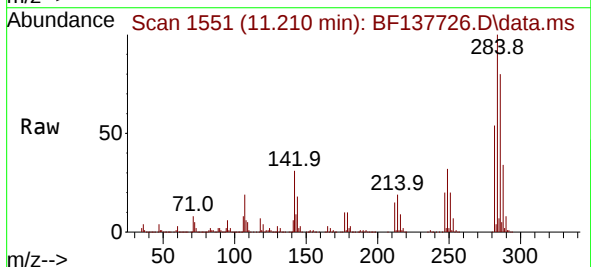
Tgt Ion:248 Resp: 491011
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.0
141 62.5 57.9 86.9

Manual Integrations
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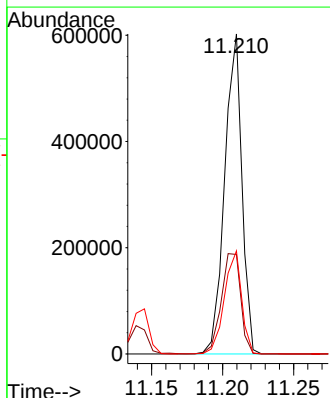
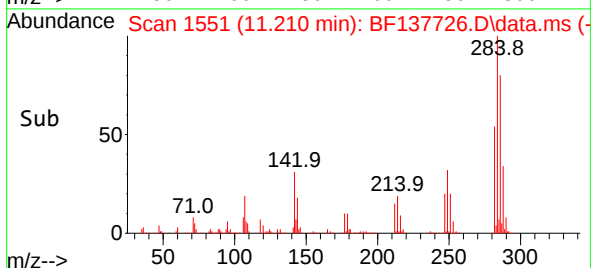
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

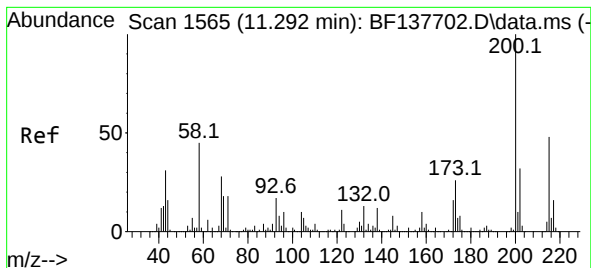


#68
Hexachlorobenzene
Concen: 50.007 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



Tgt Ion:284 Resp: 507796
Ion Ratio Lower Upper
284 100
142 31.1 28.5 42.7
249 32.2 25.6 38.4





#69

Atrazine

Concen: 54.978 ng

RT: 11.292 min Scan# 1565

Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

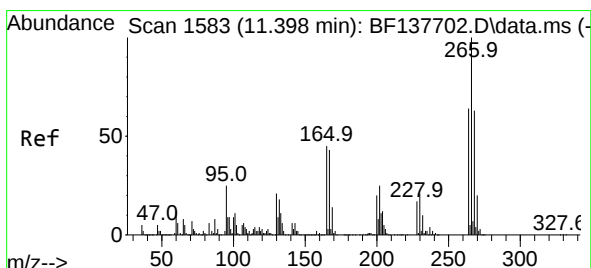
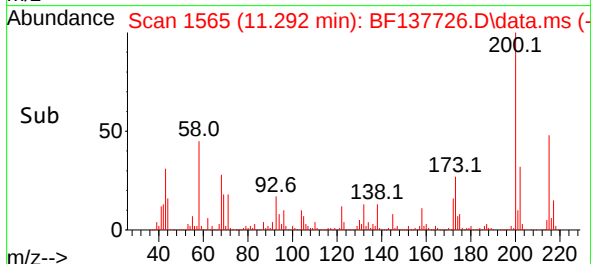
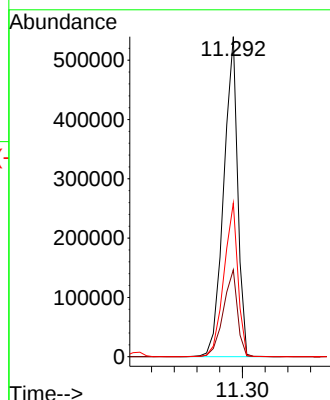
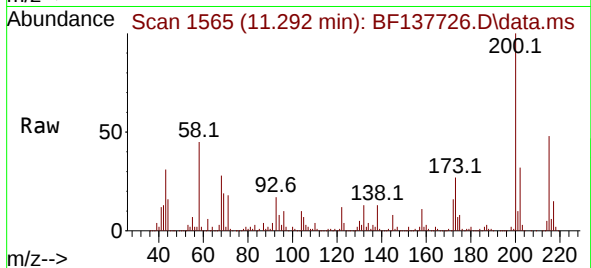
Tgt Ion:200 Resp: 46301
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.3 46.3
 215 48.0 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#70

Pentachlorophenol

Concen: 85.807 ng

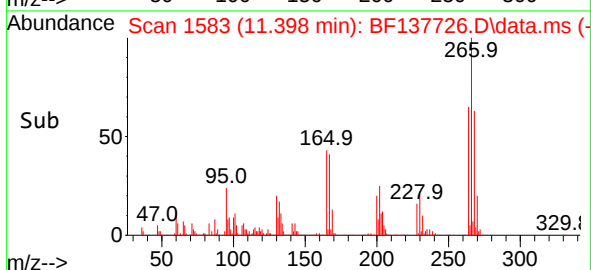
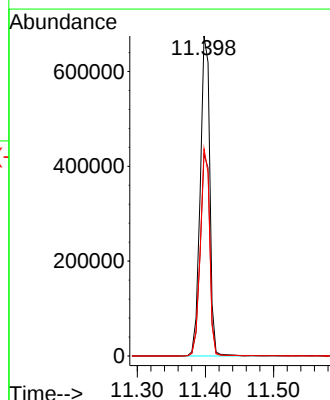
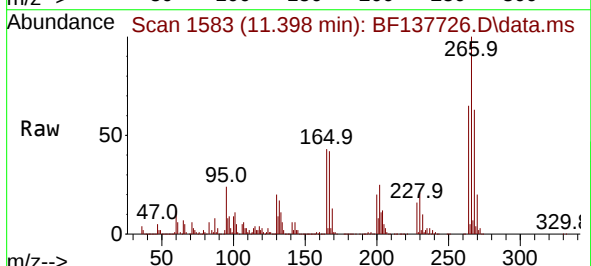
RT: 11.398 min Scan# 1583

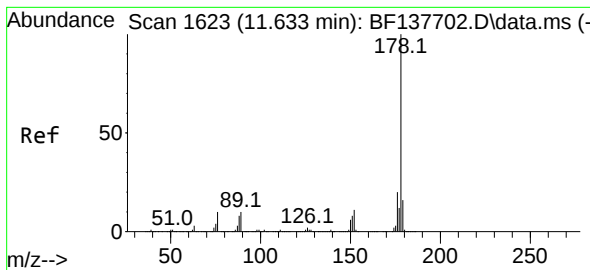
Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

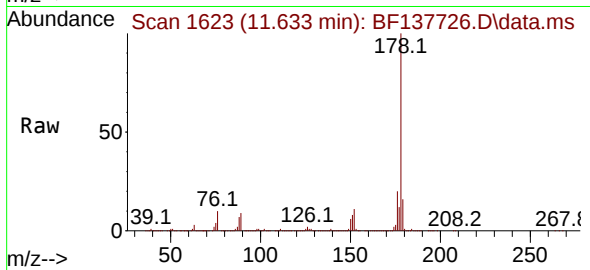
Tgt Ion:266 Resp: 655441
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.4 75.6
 264 64.7 51.4 77.0





#71
Phenanthrene
Concen: 56.435 ng
RT: 11.633 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

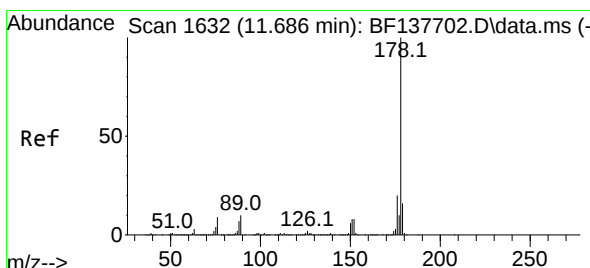
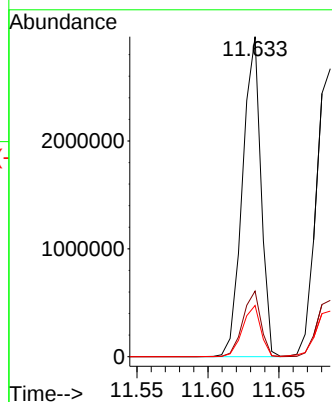
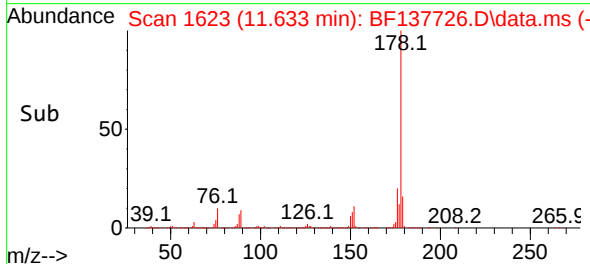
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



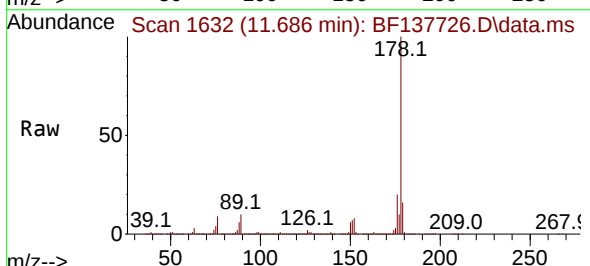
Tgt Ion:178 Resp: 268724
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.0 12.8 19.2

Manual Integrations
APPROVED

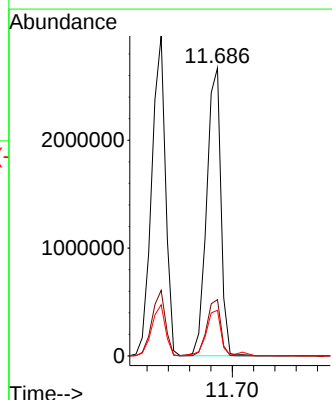
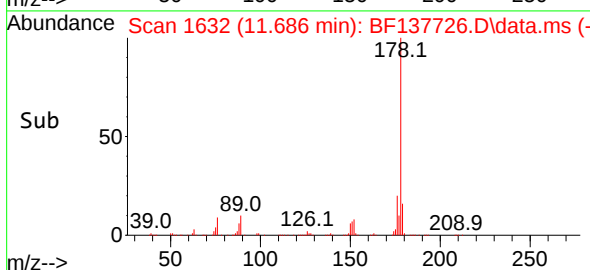
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

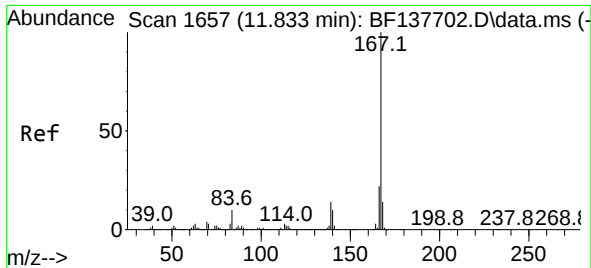


#72
Anthracene
Concen: 50.780 ng
RT: 11.686 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



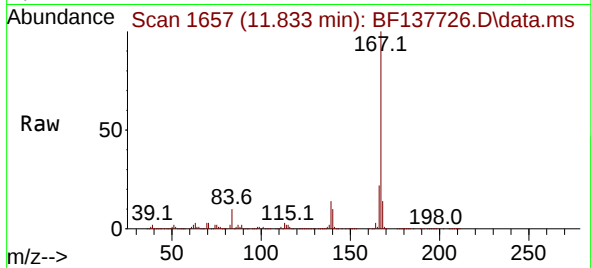
Tgt Ion:178 Resp: 2475992
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.8 13.0 19.6





#73
 Carbazole
 Concen: 49.210 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: BF137726.D
 Acq: 24 Apr 2024 19:24

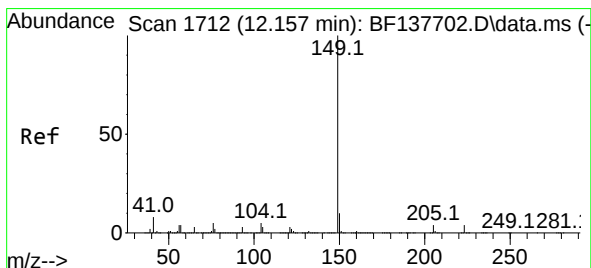
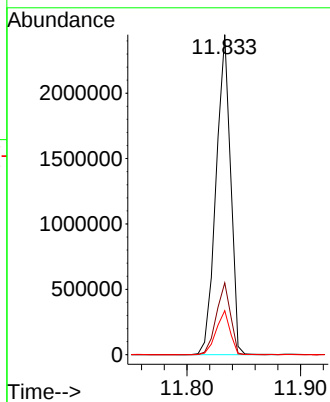
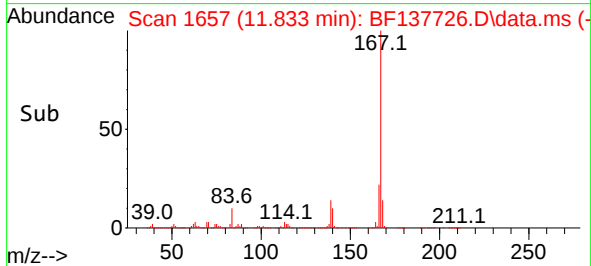
Instrument :
 BNA_F
 ClientSampleId :
 YARD-3MSD



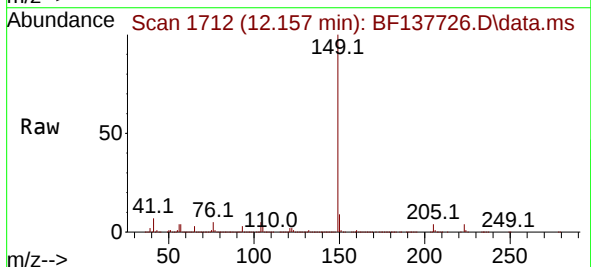
Tgt Ion:167 Resp: 2174520
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 13.7 10.9 16.3

Manual Integrations
 APPROVED

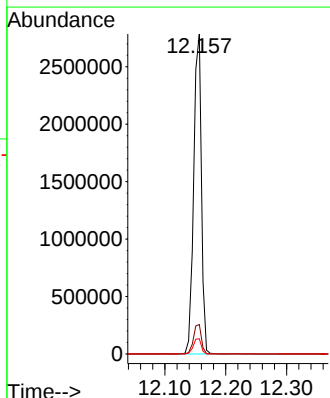
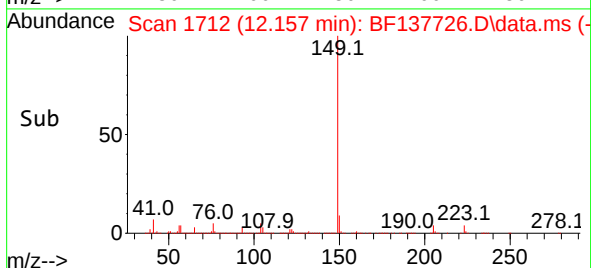
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

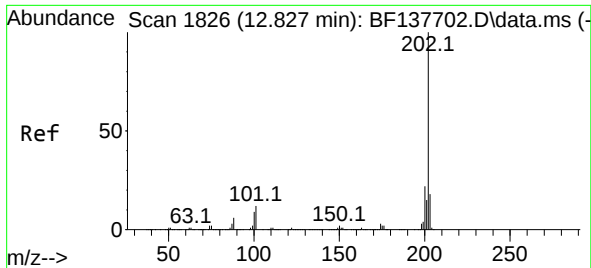


#74
 Di-n-butylphthalate
 Concen: 45.635 ng
 RT: 12.157 min Scan# 1712
 Delta R.T. -0.000 min
 Lab File: BF137726.D
 Acq: 24 Apr 2024 19:24



Tgt Ion:149 Resp: 2458203
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.7 4.2 6.4





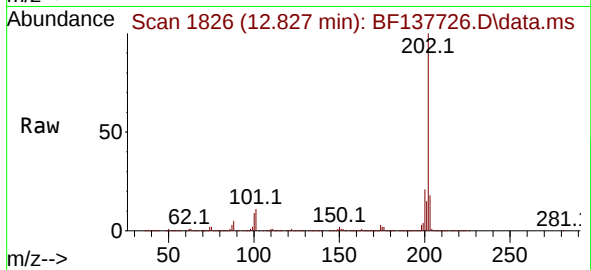
#75
Fluoranthene
Concen: 51.341 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



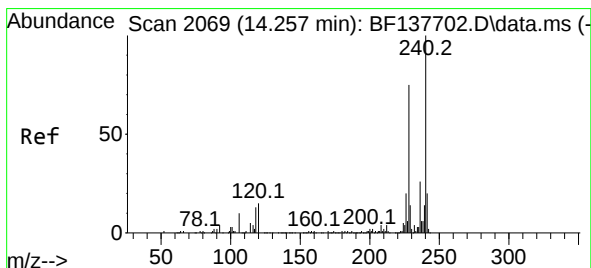
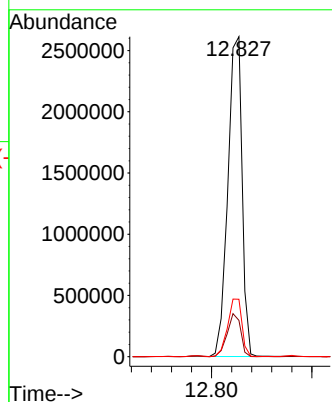
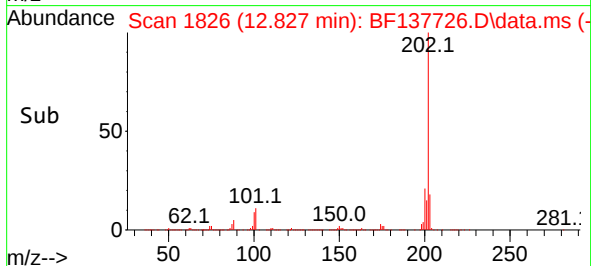
Tgt Ion:202 Resp: 256963
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.2
203 18.0 0.0 38.1

Manual Integrations

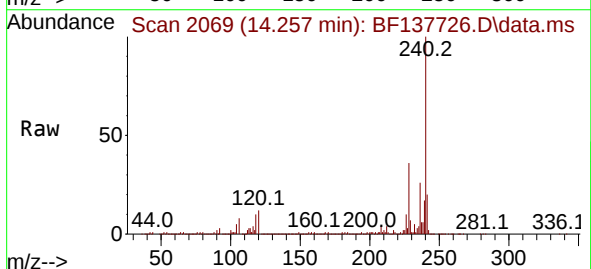
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

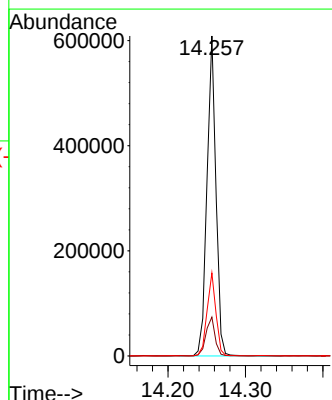
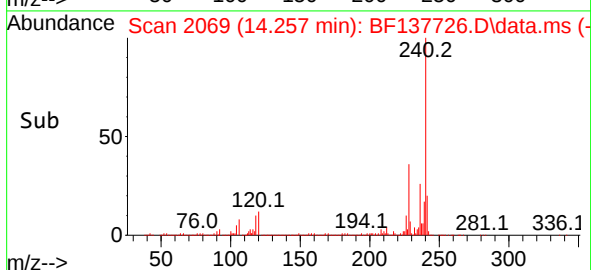
Supervised By :mohammad ahmed 04/27/2024

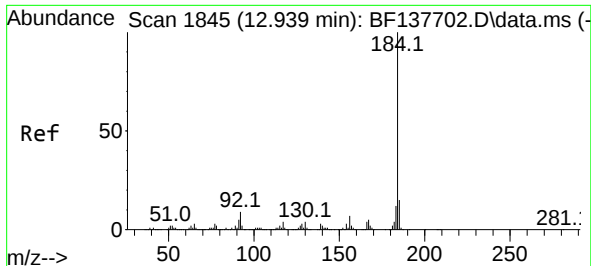


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



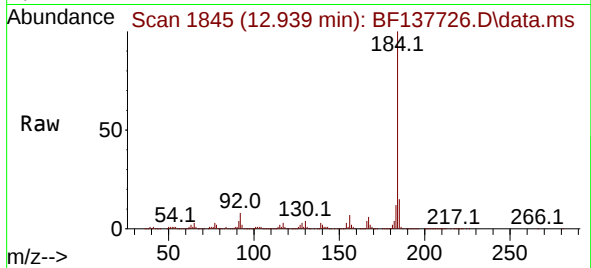
Tgt Ion:240 Resp: 488926
Ion Ratio Lower Upper
240 100
120 12.1 11.9 17.9
236 25.9 20.8 31.2





#77
Benzidine
Concen: 66.586 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

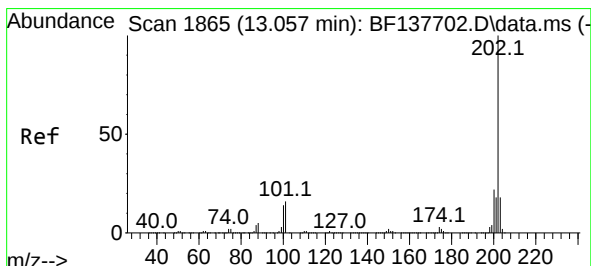
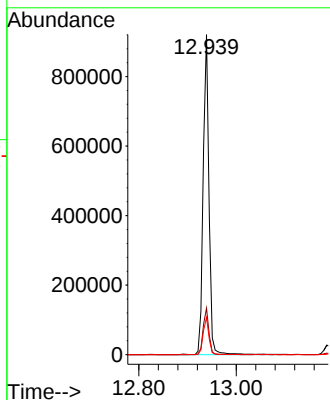
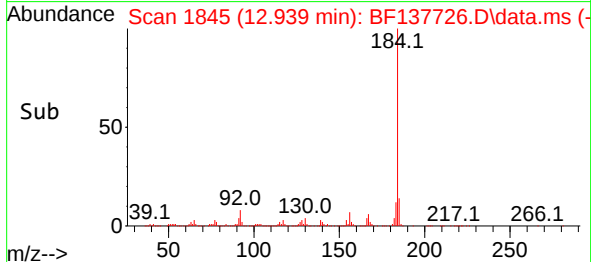
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



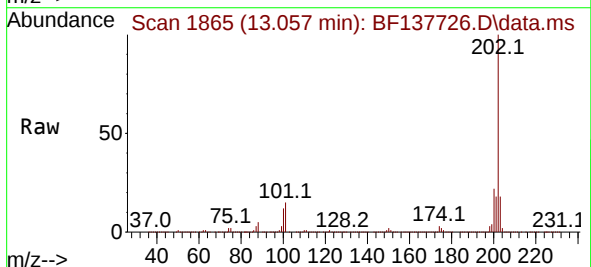
Tgt Ion:184 Resp: 760388
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 11.7 9.4 14.0

Manual Integrations
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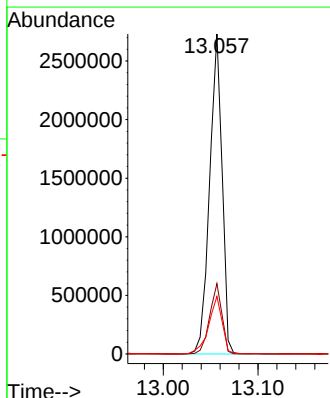
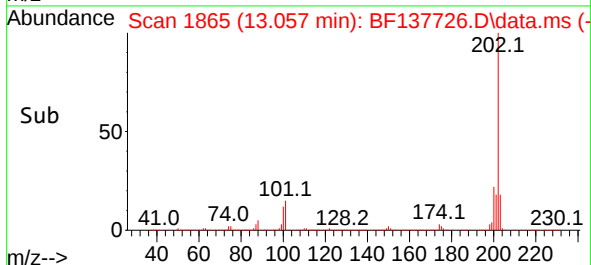
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

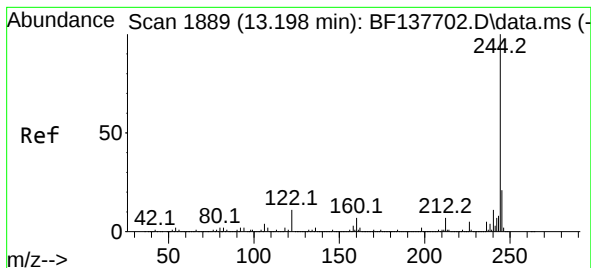


#78
Pyrene
Concen: 61.892 ng
RT: 13.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24



Tgt Ion:202 Resp: 2483761
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 65.027 ng

RT: 13.186 min Scan# 1889

Delta R.T. -0.012 min

Lab File: BF137726.D

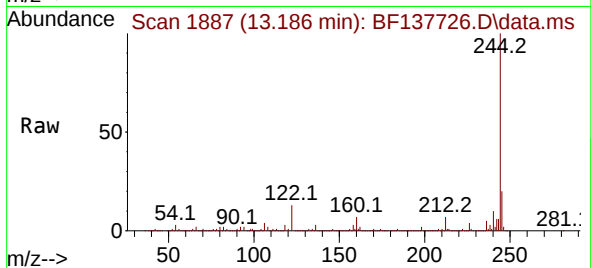
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



Tgt Ion:244 Resp: 1975290

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

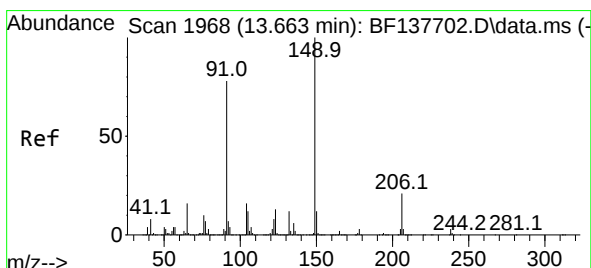
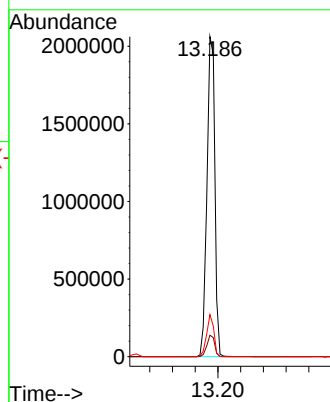
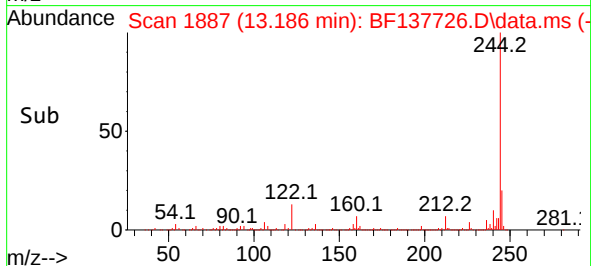
122 13.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 57.367 ng

RT: 13.662 min Scan# 1968

Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

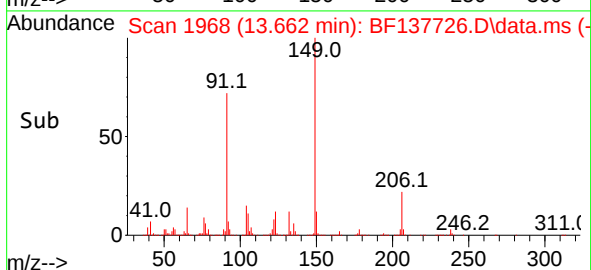
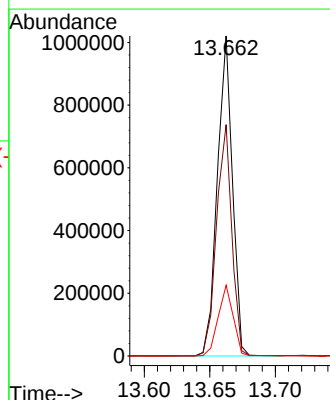
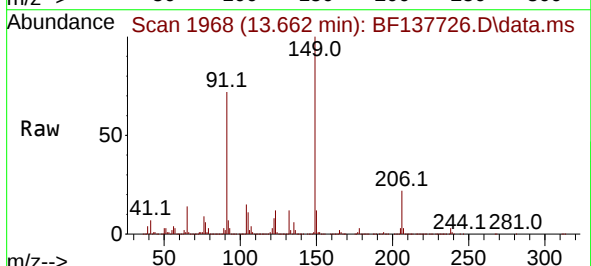
Tgt Ion:149 Resp: 816407

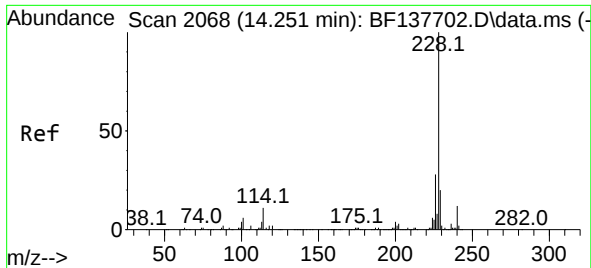
Ion Ratio Lower Upper

149 100

91 72.3 62.6 93.8

206 22.1 16.5 24.7





#81
Benzo(a)anthracene
Concen: 51.288 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

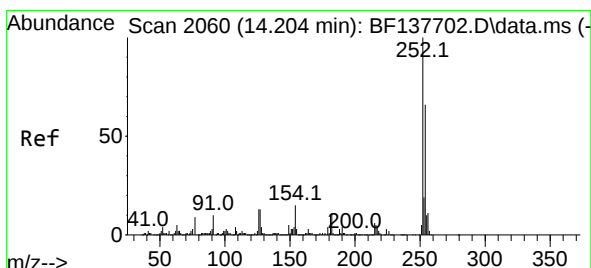
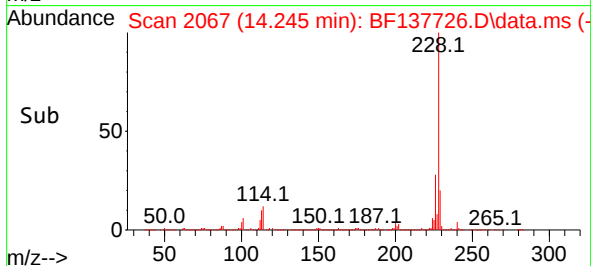
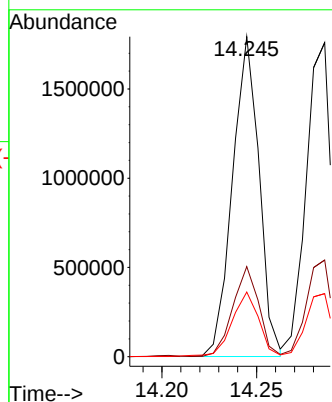
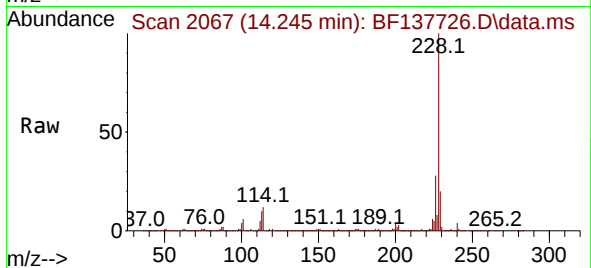
Tgt Ion:228 Resp: 1749015
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.2 16.0 24.0

Manual Integrations

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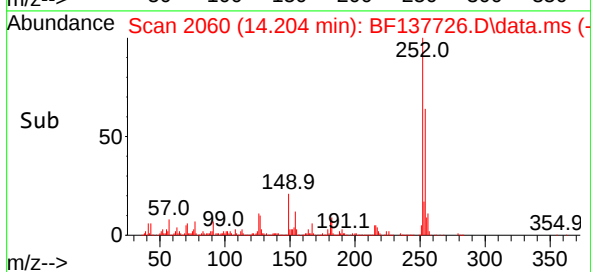
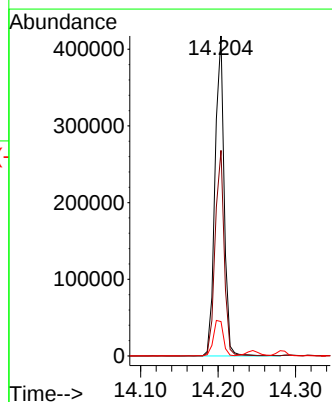
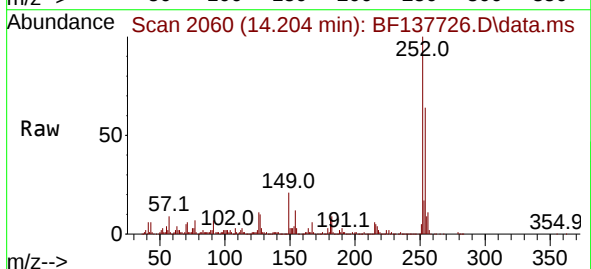
Reviewed By :Yogesh Patel 04/26/2024

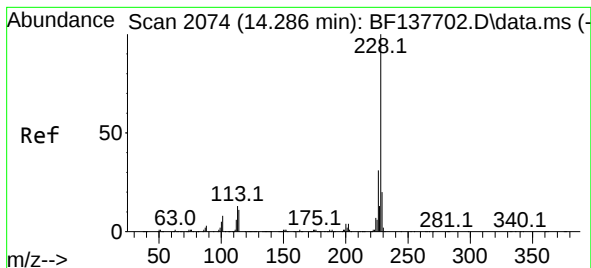
Supervised By :mohammad ahmed 04/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.382 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:252 Resp: 341670
Ion Ratio Lower Upper
252 100
254 64.3 52.6 79.0
126 10.8 10.8 16.2#





#83

Chrysene

Concen: 50.859 ng

RT: 14.286 min Scan# 2074

Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

Tgt Ion:228 Resp: 1620510

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

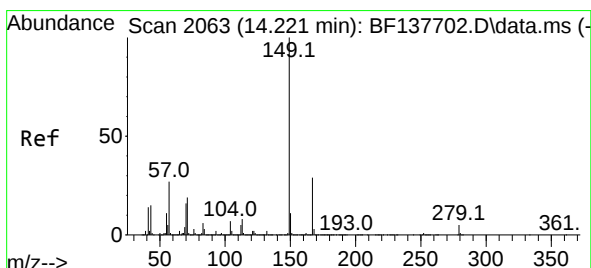
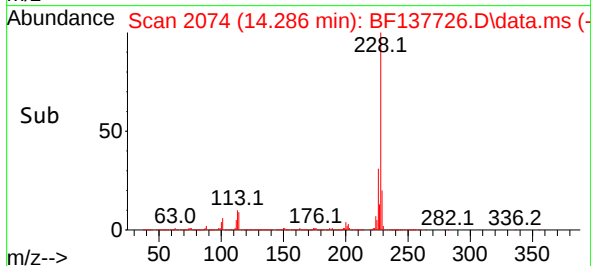
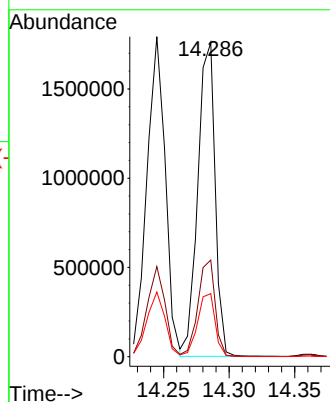
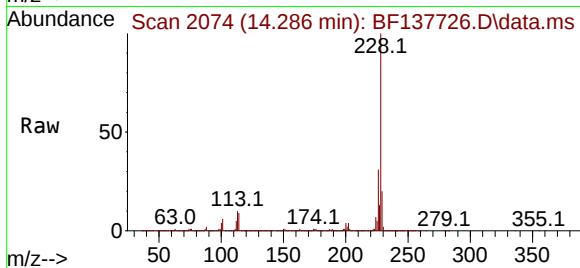
229 20.1 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.262 ng

RT: 14.215 min Scan# 2062

Delta R.T. -0.006 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

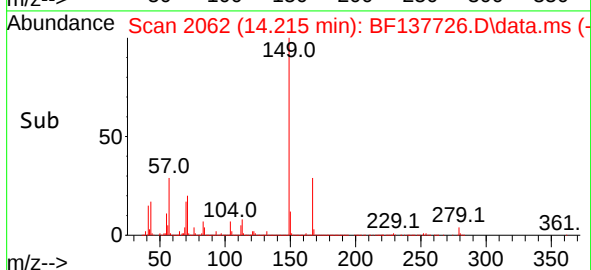
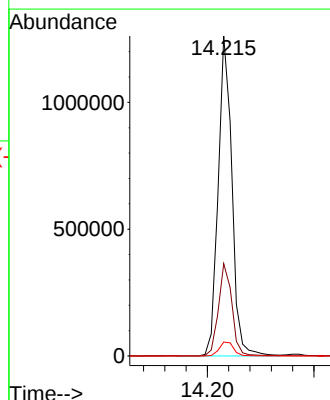
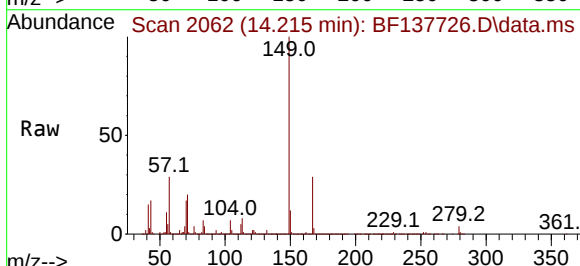
Tgt Ion:149 Resp: 1123225

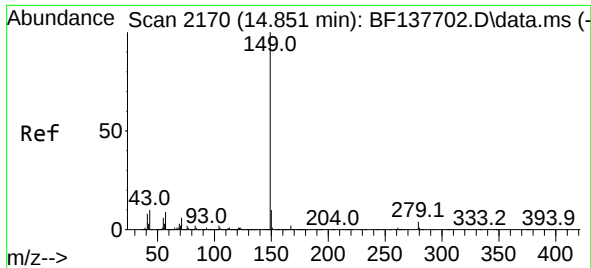
Ion Ratio Lower Upper

149 100

167 28.8 23.4 35.0

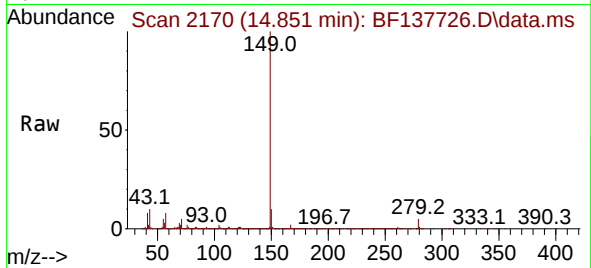
279 4.4 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 51.695 ng
RT: 14.851 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

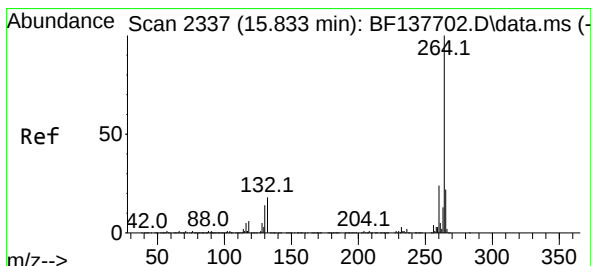
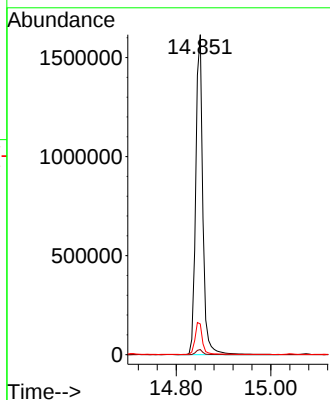
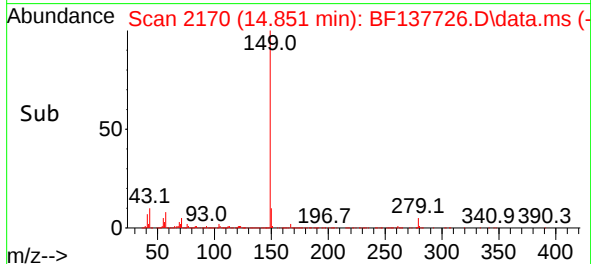
Instrument :
BNA_F
ClientSampleId :
YARD-3MSD



Tgt Ion:149 Resp: 1668908
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.5 8.8 13.2

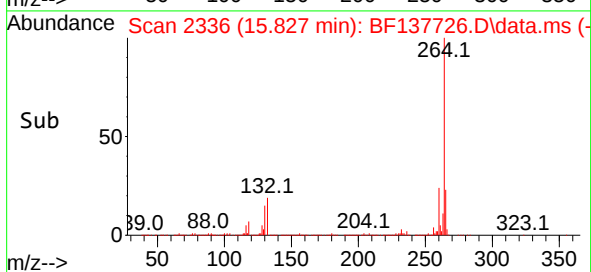
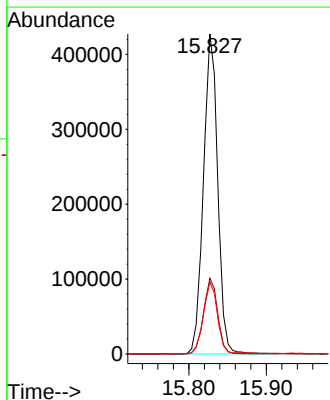
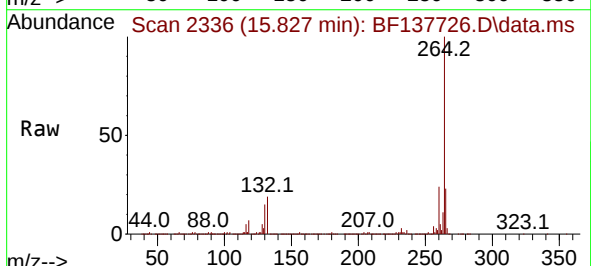
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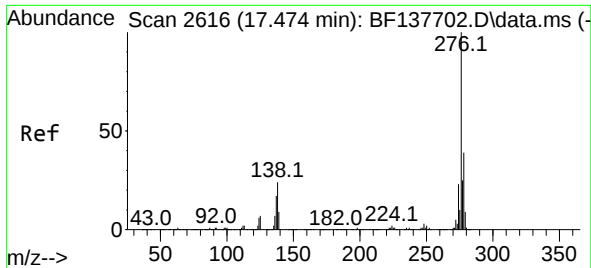
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 2336
Delta R.T. -0.006 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:264 Resp: 545928
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 22.5 17.5 26.3





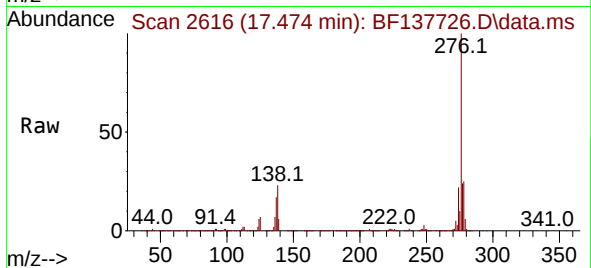
#87
Indeno(1,2,3-cd)pyrene
Concen: 60.722 ng
RT: 17.474 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD



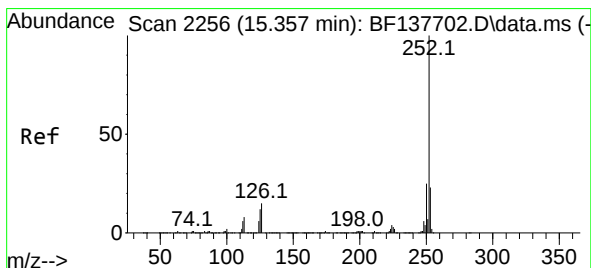
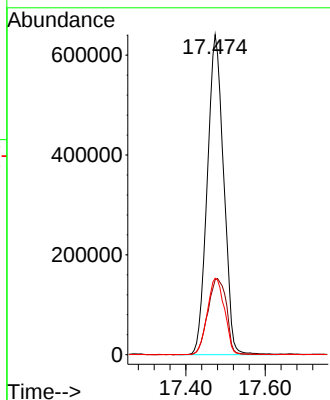
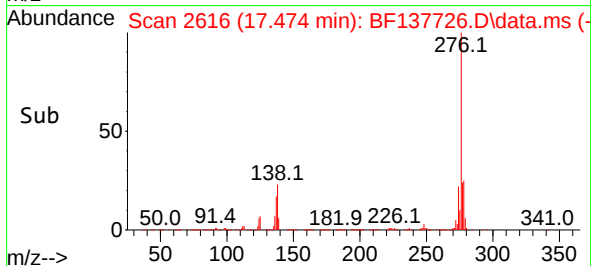
Tgt Ion:276 Resp: 1838078
Ion Ratio Lower Upper
276 100
138 27.2 22.3 33.5
277 25.4 20.2 30.2

Manual Integrations

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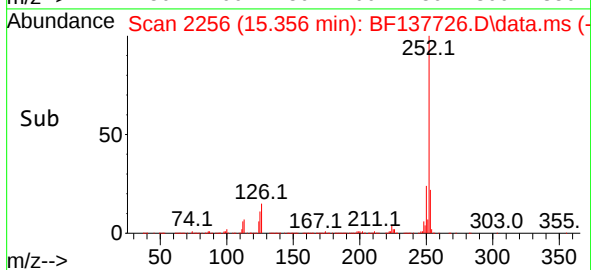
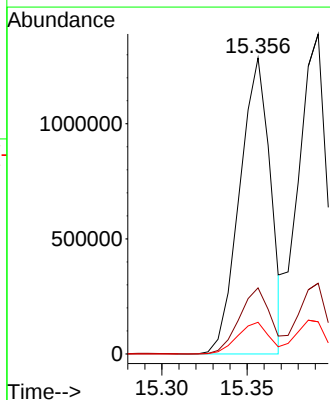
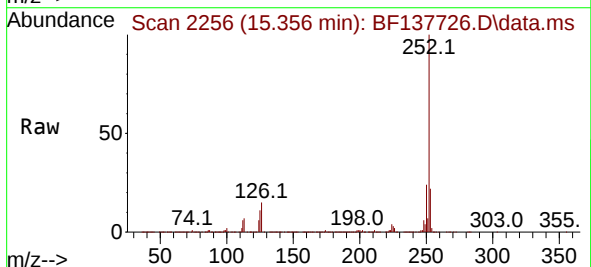
Reviewed By :Yogesh Patel 04/26/2024

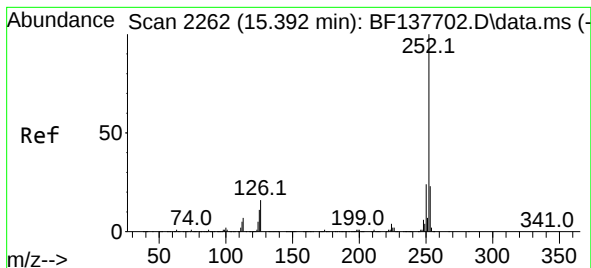
Supervised By :mohammad ahmed 04/27/2024



#88
Benzo(b)fluoranthene
Concen: 46.341 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BF137726.D
Acq: 24 Apr 2024 19:24

Tgt Ion:252 Resp: 1618902
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.7 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 46.469 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

Tgt Ion:252 Resp: 159576

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

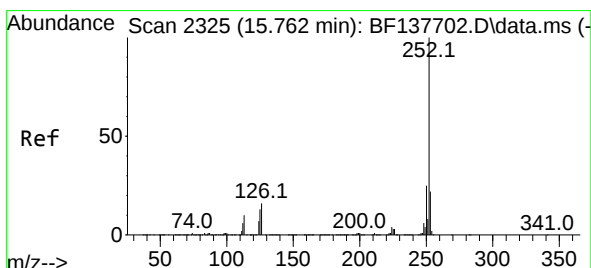
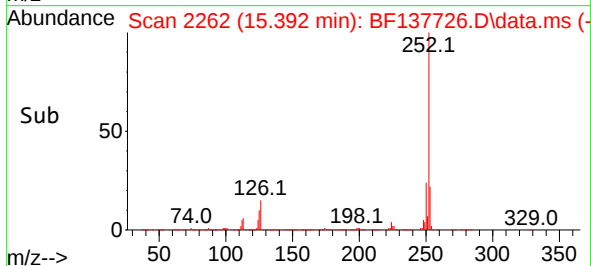
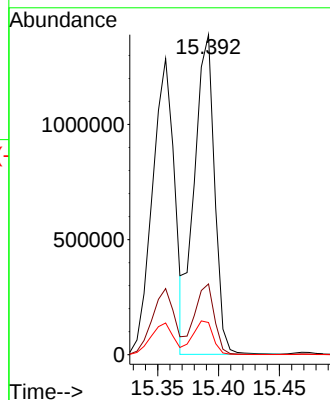
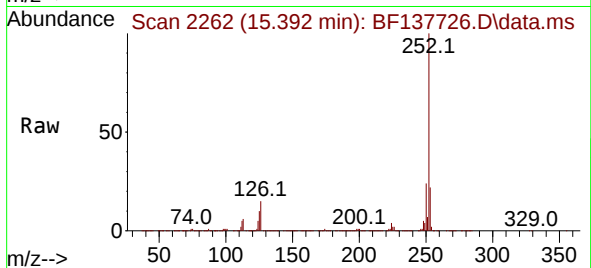
125 10.1 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#90

Benzo(a)pyrene

Concen: 49.511 ng

RT: 15.762 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

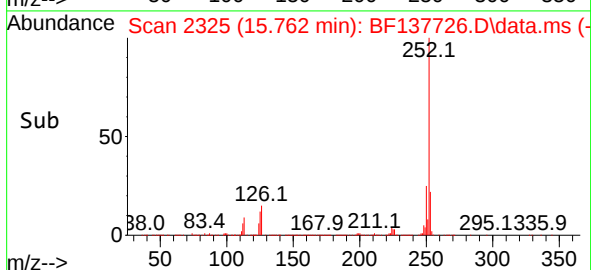
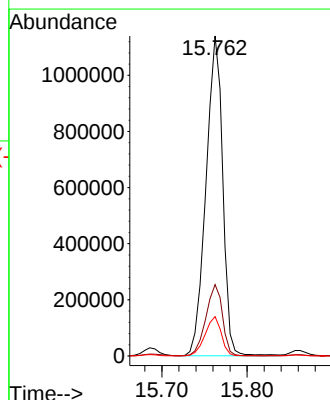
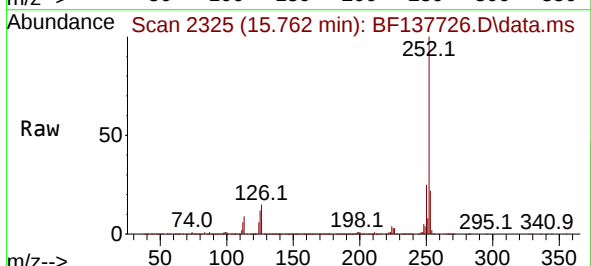
Tgt Ion:252 Resp: 1551610

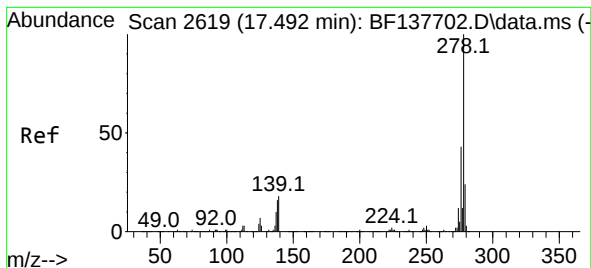
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 12.3 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 58.808 ng

RT: 17.497 min Scan# 2619

Delta R.T. 0.006 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Instrument :

BNA_F

ClientSampleId :

YARD-3MSD

Tgt Ion:278 Resp: 147725

Ion Ratio Lower Upper

278 100

139 17.7 14.7 22.1

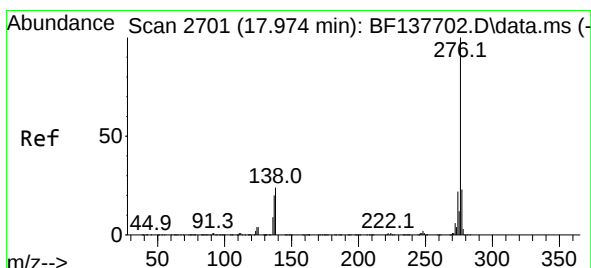
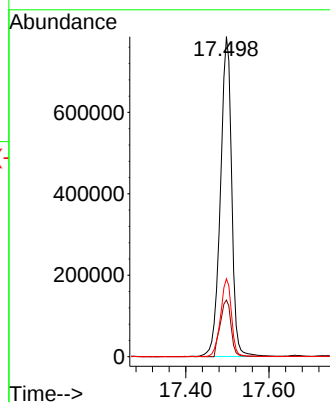
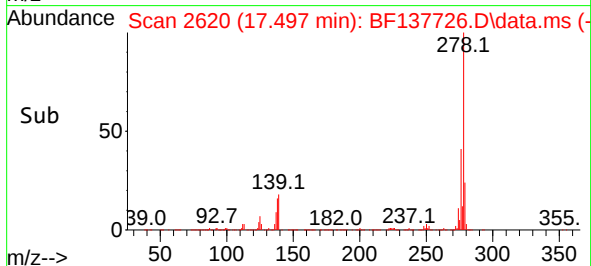
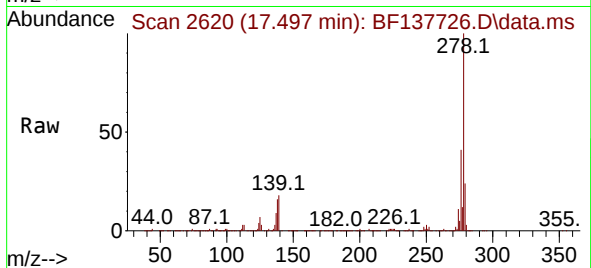
279 24.3 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#92

Benzo(g,h,i)perylene

Concen: 55.634 ng

RT: 17.980 min Scan# 2702

Delta R.T. 0.006 min

Lab File: BF137726.D

Acq: 24 Apr 2024 19:24

Tgt Ion:276 Resp: 1358945

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 23.1 19.5 29.3

