

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136713.D
 Acq On : 26 Dec 2023 11:47
 Operator : CG\JU
 Sample : PB157949BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157949BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 12:05:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	99443	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	386198	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	191720	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	362486	20.000	ng	0.00
76) Chrysene-d12	13.968	240	193699	20.000	ng	0.00
86) Perylene-d12	15.445	264	169585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	734136	115.188	ng	0.01
7) Phenol-d6	6.445	99	908003	109.949	ng	0.00
23) Nitrobenzene-d5	7.357	82	569725	75.488	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	253502	112.272	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1094713	76.798	ng	0.00
79) Terphenyl-d14	12.910	244	1070277	77.217	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	80631	30.363	ng	98
3) Pyridine	3.381	79	183609	28.338	ng	95
4) n-Nitrosodimethylamine	3.340	42	130779	37.797	ng	95
6) Aniline	6.457	93	235625	28.537	ng	# 1
8) 2-Chlorophenol	6.581	128	287502	41.221	ng	96
9) Benzaldehyde	6.339	77	86643	18.445	ng	99
10) Phenol	6.457	94	332464	37.712	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	272353	40.623	ng	99
12) 1,3-Dichlorobenzene	6.728	146	280164	36.822	ng	99
13) 1,4-Dichlorobenzene	6.804	146	288386	37.095	ng	99
14) 1,2-Dichlorobenzene	6.957	146	276405	38.209	ng	98
15) Benzyl Alcohol	6.939	79	236913	42.523	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	427655	39.015	ng	79
17) 2-Methylphenol	7.057	107	222423	38.495	ng	# 93
18) Hexachloroethane	7.292	117	104540	37.027	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	191157	38.184	ng	96
20) 3+4-Methylphenols	7.210	107	274704	38.055	ng	# 59
22) Acetophenone	7.198	105	392334	40.530	ng	92
24) Nitrobenzene	7.375	77	286616	37.911	ng	95
25) Isophorone	7.610	82	531549	38.706	ng	99
26) 2-Nitrophenol	7.686	139	148511	41.057	ng	98
27) 2,4-Dimethylphenol	7.728	122	244046	55.418	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	329329	39.452	ng	99
29) 2,4-Dichlorophenol	7.933	162	225942	39.853	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	245593	38.879	ng	98
31) Naphthalene	8.086	128	810239	38.189	ng	99
32) Benzoic acid	7.886	122	184594	43.323	ng	100
33) 4-Chloroaniline	8.145	127	201491	25.721	ng	97
34) Hexachlorobutadiene	8.198	225	143988	37.518	ng	99
35) Caprolactam	8.528	113	78025m	41.718	ng	
36) 4-Chloro-3-methylphenol	8.639	107	251212	39.359	ng	99
37) 2-Methylnaphthalene	8.780	142	517998	37.936	ng	99
38) 1-Methylnaphthalene	8.880	142	480533	35.871	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	247128	41.622	ng	99
41) Hexachlorocyclopentadiene	8.928	237	149803	79.183	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	160241	42.082	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	174291	41.075	ng	96
46) 1,1'-Biphenyl	9.245	154	652920	40.584	ng	99
47) 2-Chloronaphthalene	9.269	162	482824	39.477	ng	100
48) 2-Nitroaniline	9.375	65	158744	41.448	ng	95
49) Acenaphthylene	9.686	152	759279	40.616	ng	99
50) Dimethylphthalate	9.551	163	568693	40.610	ng	98
51) 2,6-Dinitrotoluene	9.616	165	125798	39.582	ng	# 83
52) Acenaphthene	9.863	154	455141	39.276	ng	99
53) 3-Nitroaniline	9.786	138	104042	30.904	ng	97
54) 2,4-Dinitrophenol	9.904	184	145114	82.274	ng	89
55) Dibenzofuran	10.033	168	685553	39.027	ng	98
56) 4-Nitrophenol	9.969	139	187781	82.625	ng	95
57) 2,4-Dinitrotoluene	10.027	165	154900	37.544	ng	95
58) Fluorene	10.374	166	549678	39.437	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	145817	44.642	ng	98
60) Diethylphthalate	10.257	149	567576	39.063	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	260428	38.441	ng	97
62) 4-Nitroaniline	10.410	138	119414m	36.793	ng	
63) Azobenzene	10.527	77	531148	39.139	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	95230	45.841	ng	93
66) n-Nitrosodiphenylamine	10.492	169	488538	41.489	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	161843	40.203	ng	98
68) Hexachlorobenzene	10.927	284	176583	39.361	ng	95
69) Atrazine	11.027	200	183595	60.960	ng	99
70) Pentachlorophenol	11.127	266	168899	80.770	ng	98
71) Phenanthrene	11.345	178	769035	41.347	ng	99
72) Anthracene	11.392	178	776029	41.199	ng	99
73) Carbazole	11.551	167	715742	40.303	ng	100
74) Di-n-butylphthalate	11.880	149	871800	40.230	ng	99
75) Fluoranthene	12.533	202	777045	39.057	ng	97
77) Benzidine	12.657	184	59496	10.417	ng	98
78) Pyrene	12.763	202	771720	40.585	ng	99
80) Butylbenzylphthalate	13.386	149	300832	43.479	ng	96
81) Benzo(a)anthracene	13.957	228	564306	41.955	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	160617	42.049	ng	# 97
83) Chrysene	13.998	228	529534	40.260	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	384979	44.224	ng	98
85) Di-n-octyl phthalate	14.568	149	616149	45.757	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	605089	49.418	ng	99
88) Benzo(b)fluoranthene	15.015	252	525691	46.412	ng	99
89) Benzo(k)fluoranthene	15.045	252	444546	41.536	ng	99
90) Benzo(a)pyrene	15.386	252	423217	44.265	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	505258	50.298	ng	96
92) Benzo(g,h,i)perylene	17.421	276	512506	49.814	ng	98

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

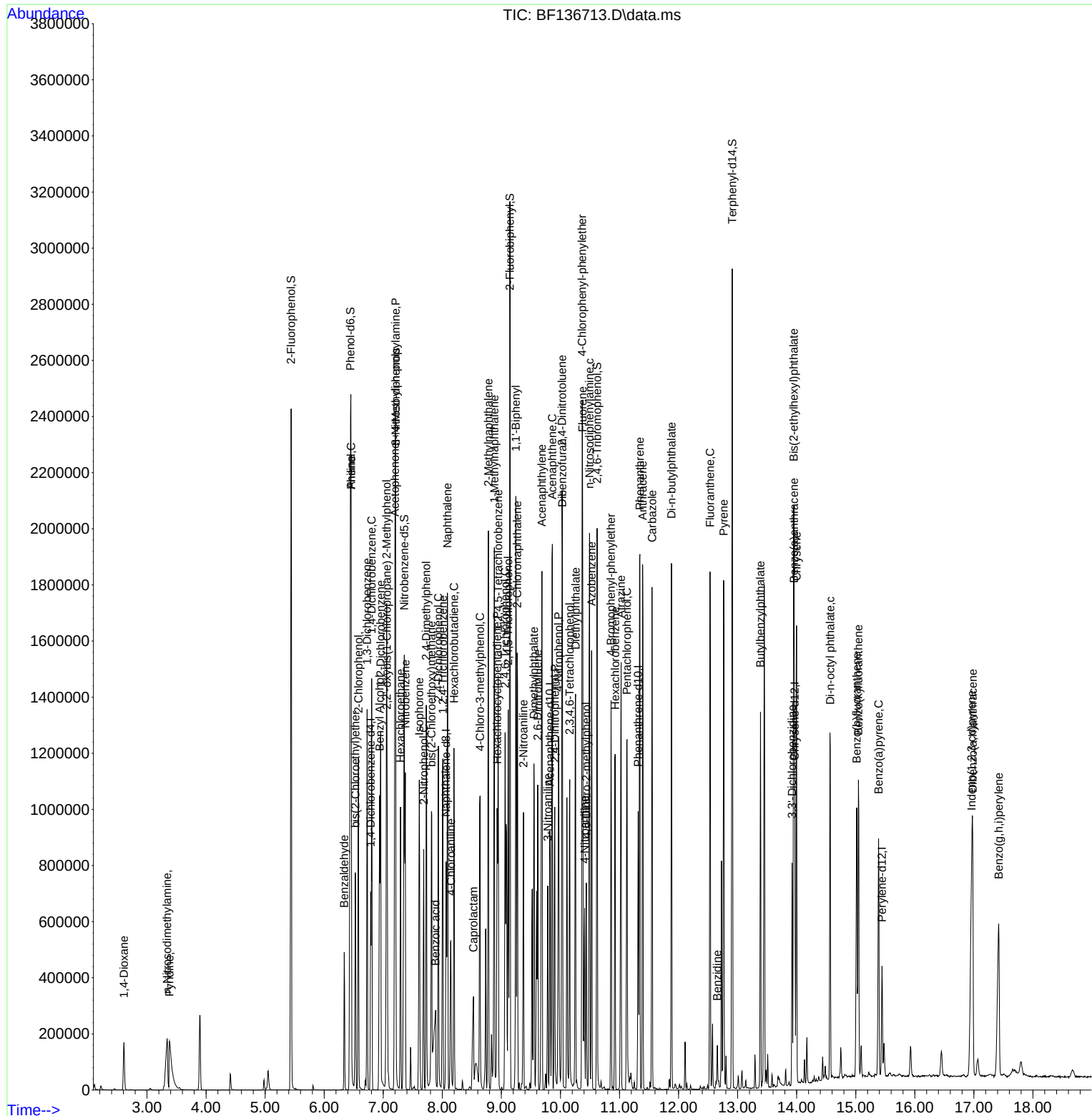
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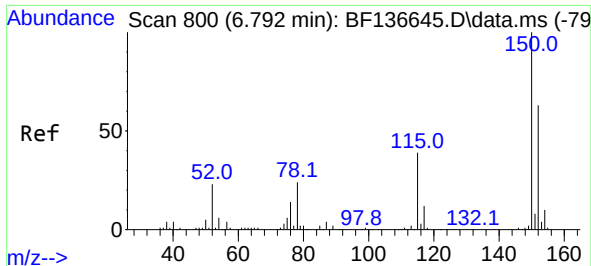
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

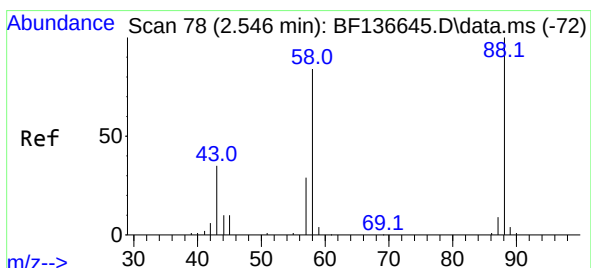
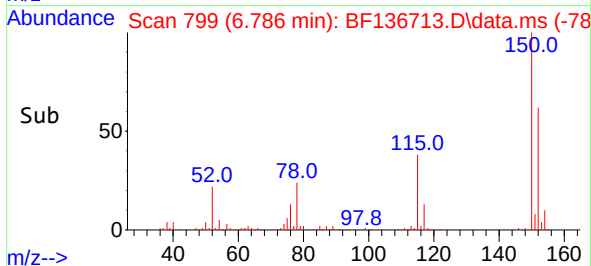
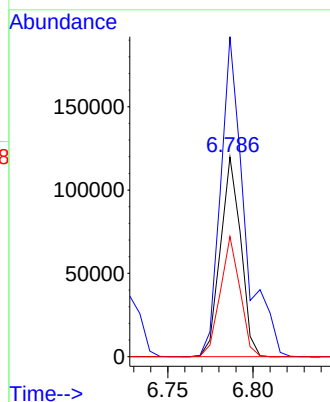
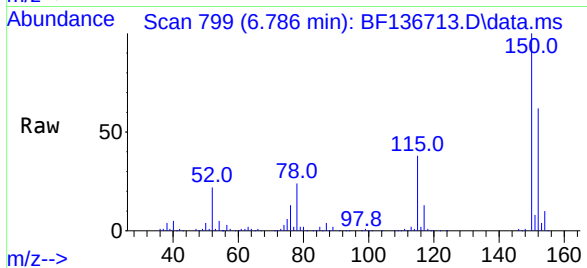
PB157949BS

Tgt Ion:152 Resp: 9944
Ion Ratio Lower Upper
152 100
150 160.3 127.0 190.6
115 60.2 49.0 73.4

Manual Integrations

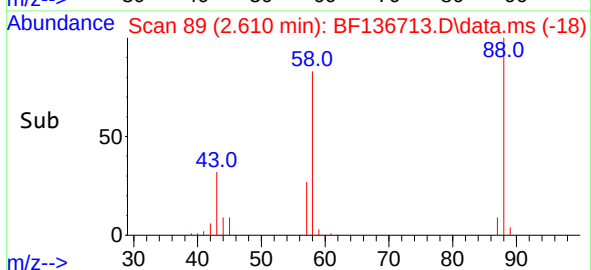
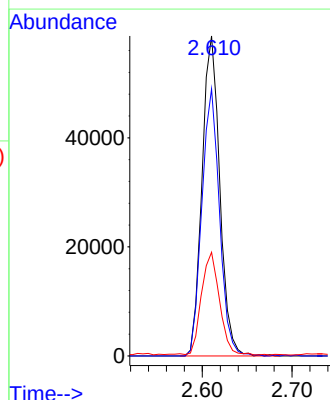
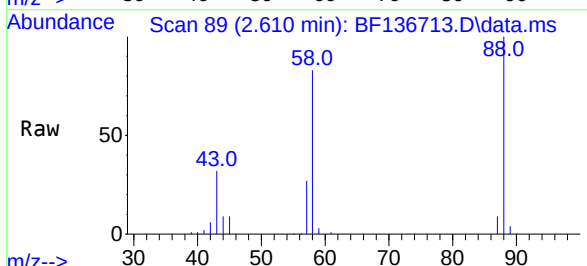
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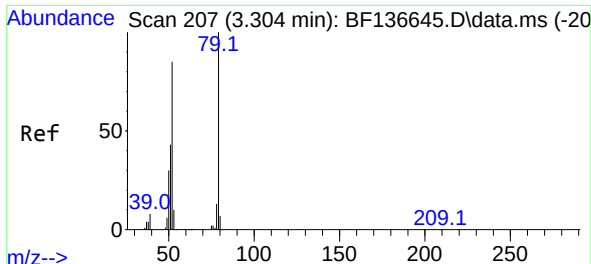
Reviewed By :Yogesh Patel 12/27/2023
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#2
1,4-Dioxane
Concen: 30.363 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.065 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

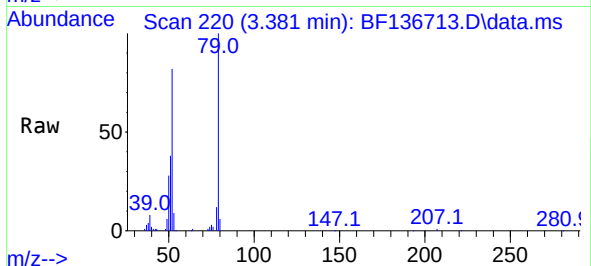
Tgt Ion: 88 Resp: 80631
Ion Ratio Lower Upper
88 100
58 82.9 67.4 101.0
43 32.4 27.7 41.5





#3
Pyridine
Concen: 28.338 ng
RT: 3.381 min Scan# 213
Delta R.T. 0.077 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

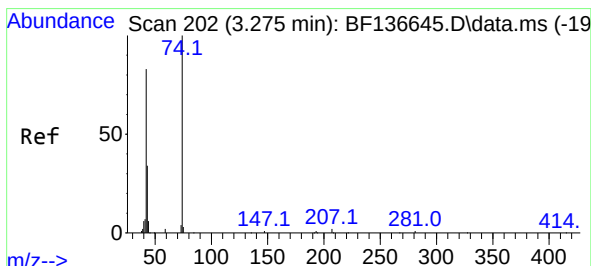
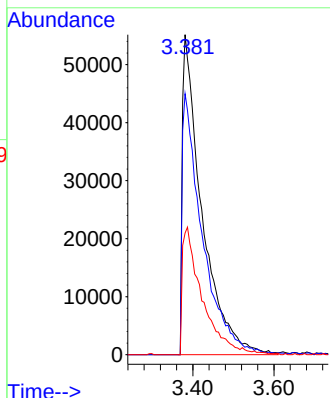
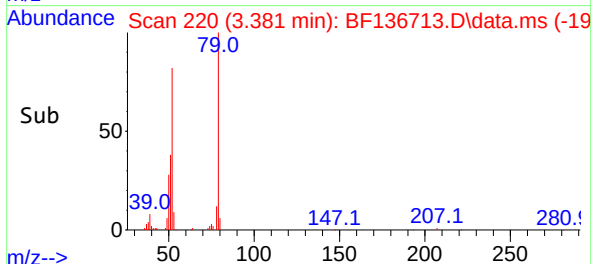
Instrument :
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ClientSampleId :
PB157949BS



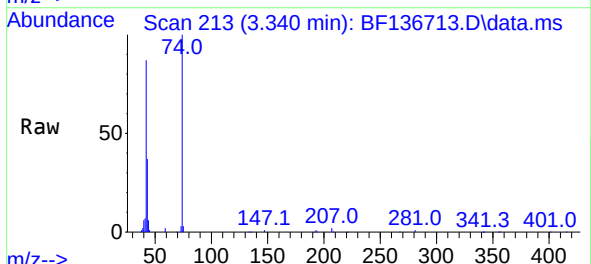
Tgt Ion: 79 Resp: 183609
Ion Ratio Lower Upper
79 100
52 81.5 67.7 101.5
51 38.0 34.0 51.0

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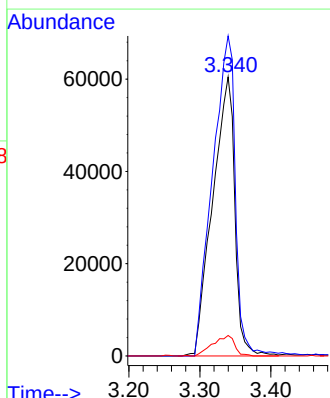
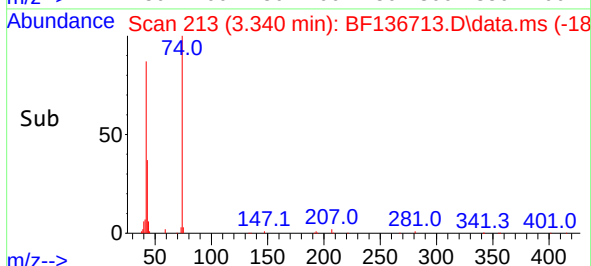
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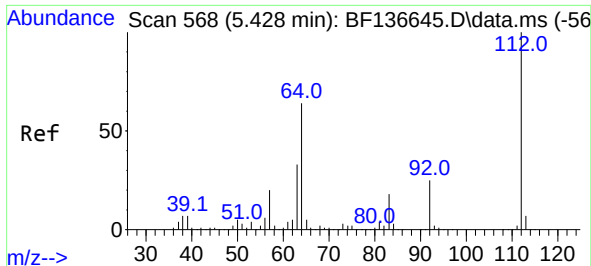


#4
n-Nitrosodimethylamine
Concen: 37.797 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion: 42 Resp: 130779
Ion Ratio Lower Upper
42 100
74 114.7 96.0 144.0
44 7.4 5.4 8.2





#5
2-Fluorophenol
Concen: 115.188 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

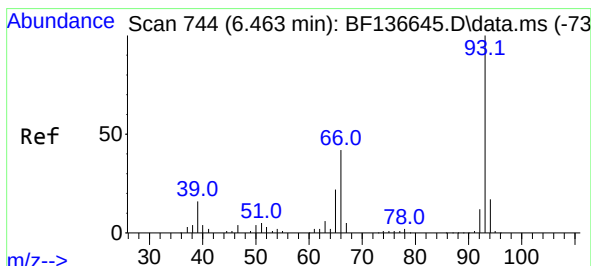
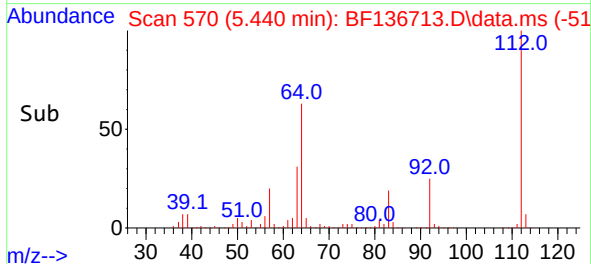
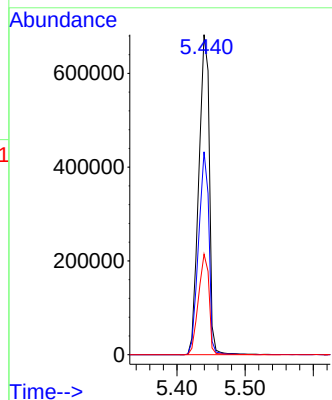
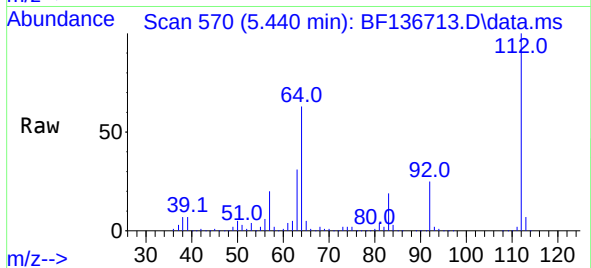
PB157949BS

Tgt Ion:112 Resp: 734130
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 31.4 26.1 39.1

Manual Integrations

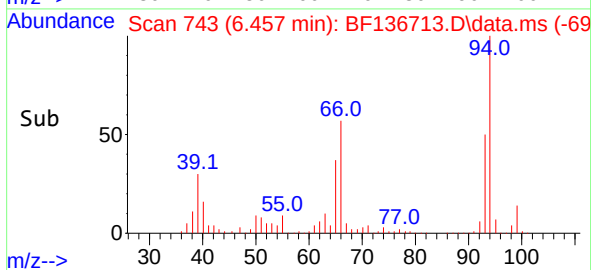
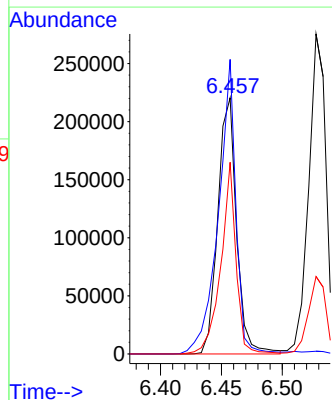
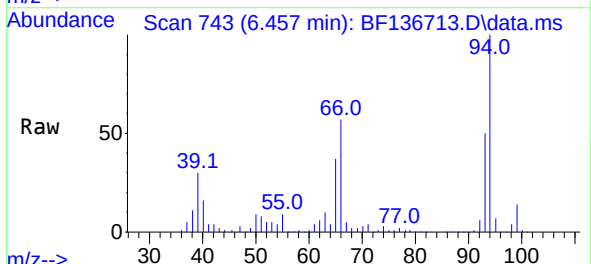
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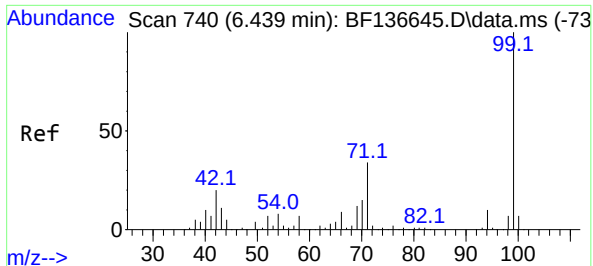
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#6
Aniline
Concen: 28.537 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion: 93 Resp: 235625
Ion Ratio Lower Upper
93 100
66 115.0 34.6 51.8#
65 74.8 17.8 26.8#





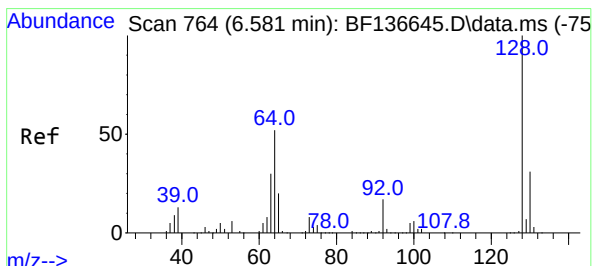
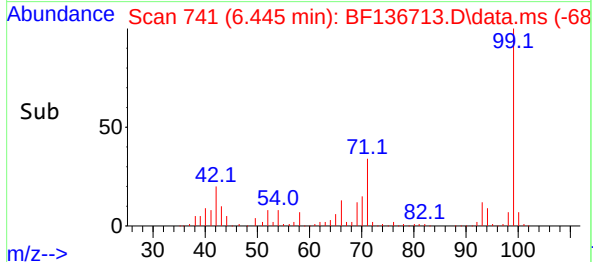
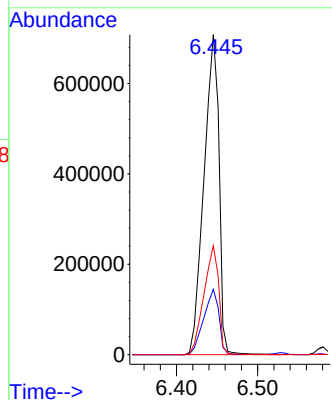
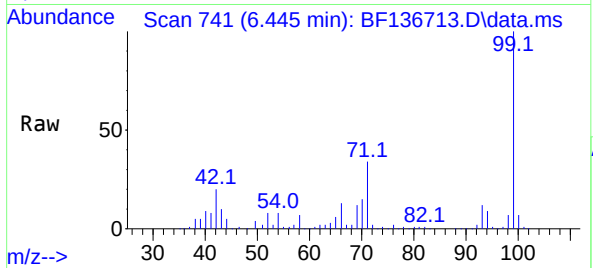
#7
Phenol-d6
Concen: 109.949 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :
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PB157949BS

Tgt Ion: 99 Resp: 90800
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 34.1 27.4 41.2

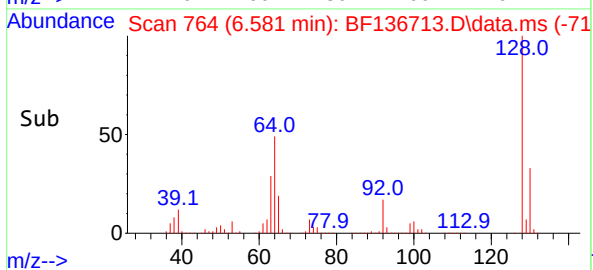
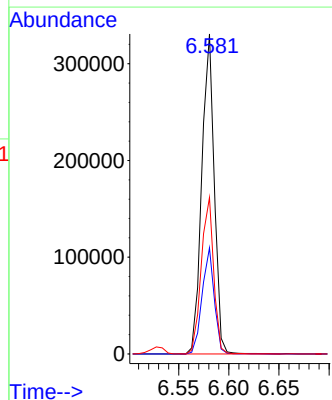
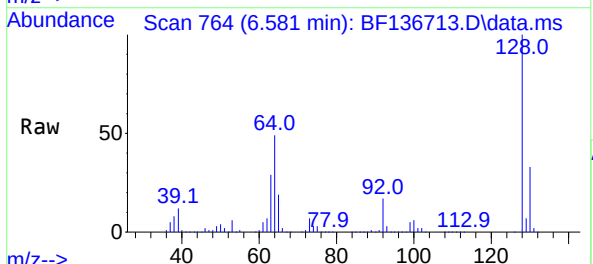
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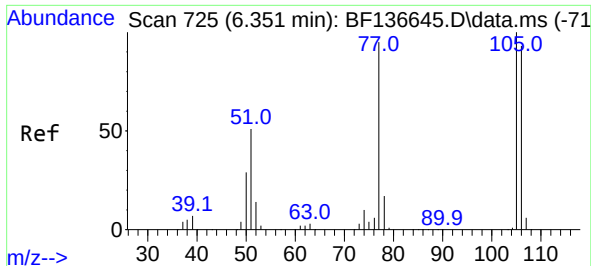
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#8
2-Chlorophenol
Concen: 41.221 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:128 Resp: 287502
Ion Ratio Lower Upper
128 100
130 33.2 11.3 51.3
64 48.9 32.5 72.5





#9
Benzaldehyde
Concen: 18.445 ng
RT: 6.339 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

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ClientSampleId :

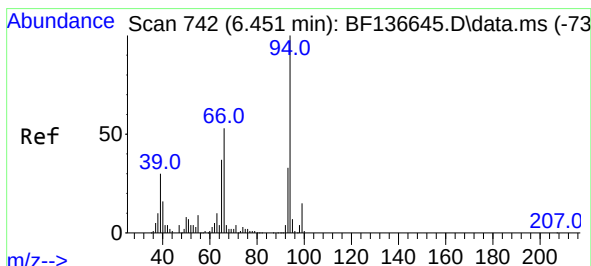
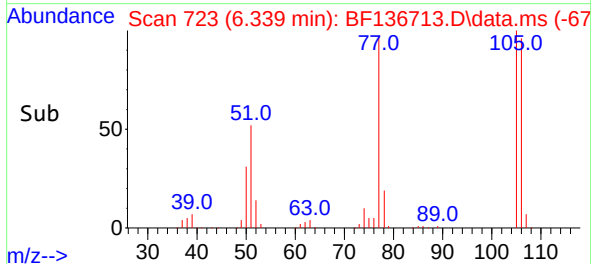
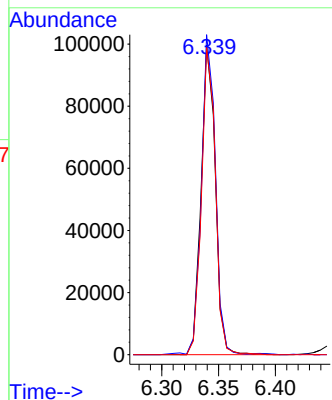
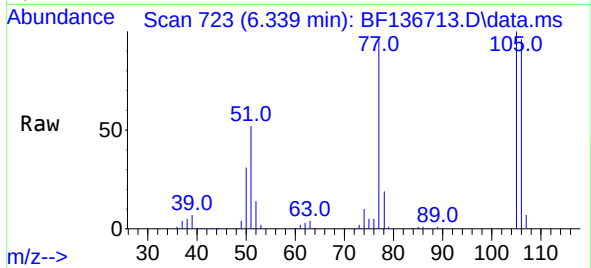
PB157949BS

Tgt Ion: 77 Resp: 8664
Ion Ratio Lower Upper
77 100
105 103.5 84.8 124.8
106 99.2 77.8 117.8

Manual Integrations

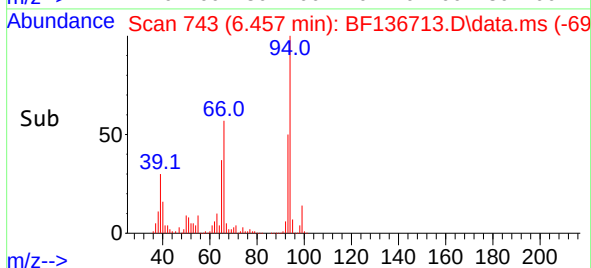
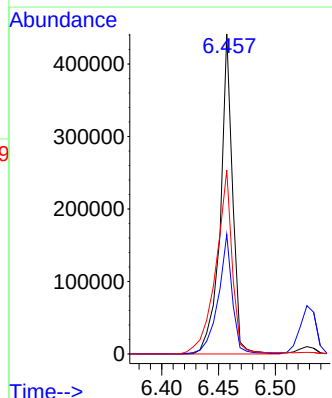
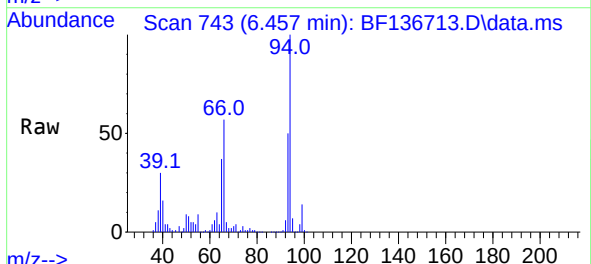
APPROVED

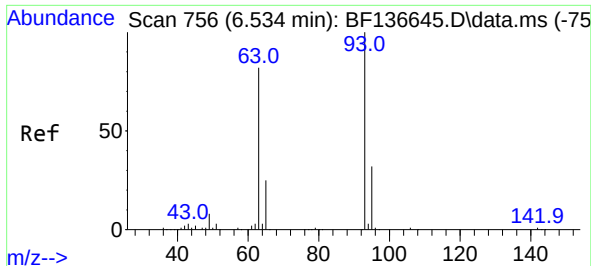
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#10
Phenol
Concen: 37.712 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion: 94 Resp: 332464
Ion Ratio Lower Upper
94 100
65 37.4 16.6 56.6
66 57.4 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 40.623 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

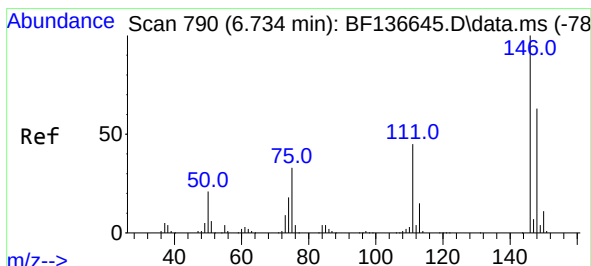
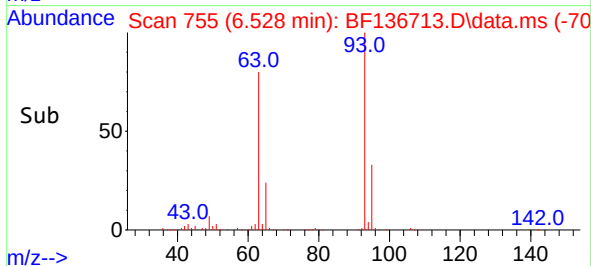
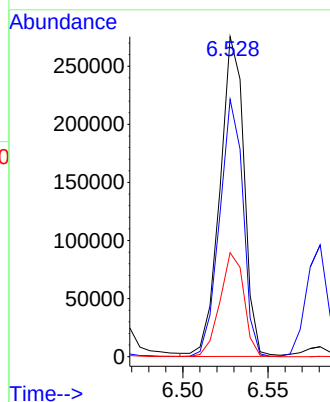
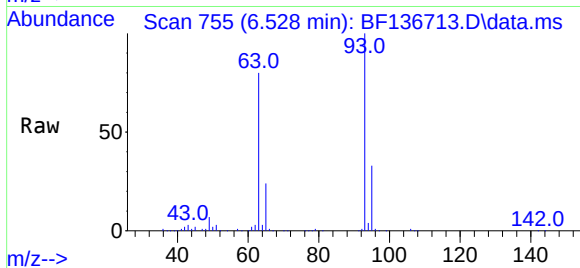
ClientSampleId :

PB157949BS

Tgt Ion: 93 Resp: 27235
Ion Ratio Lower Upper
93 100
63 80.4 61.2 101.2
95 32.5 11.6 51.6

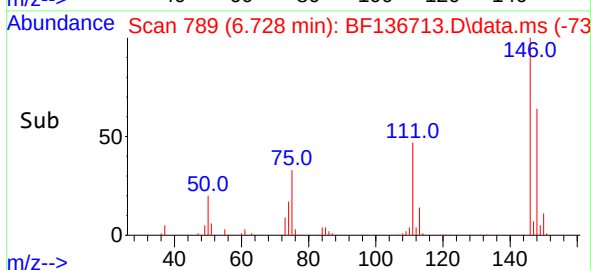
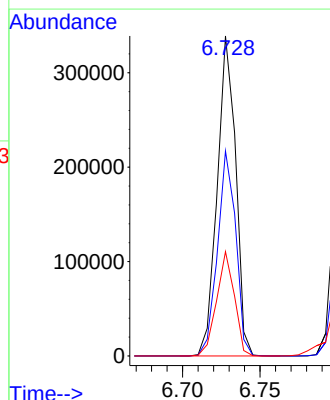
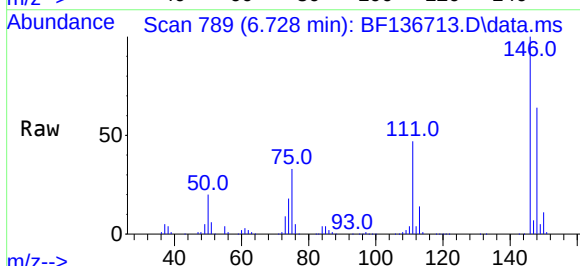
Manual Integrations
APPROVED

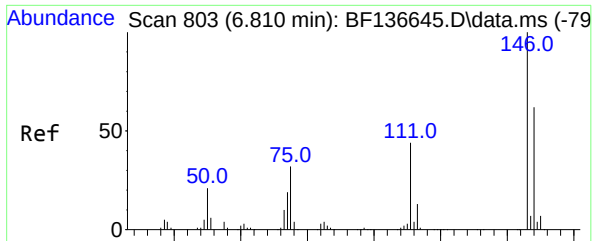
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#12
1,3-Dichlorobenzene
Concen: 36.822 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

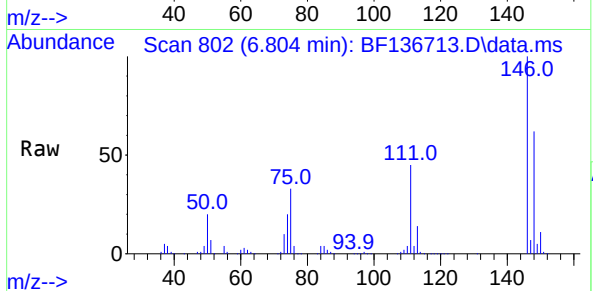
Tgt Ion:146 Resp: 280164
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 32.6 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 37.095 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

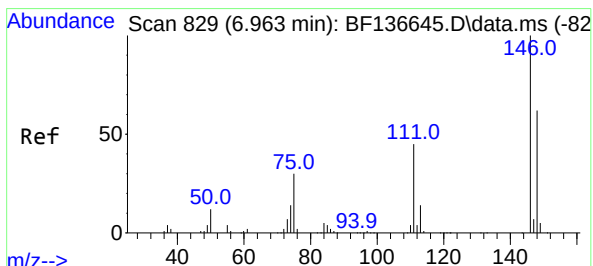
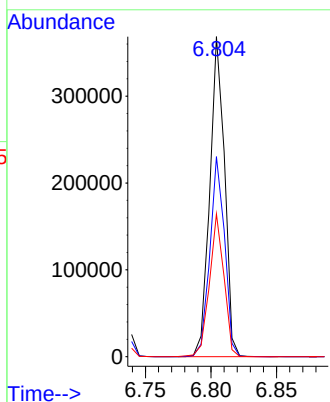
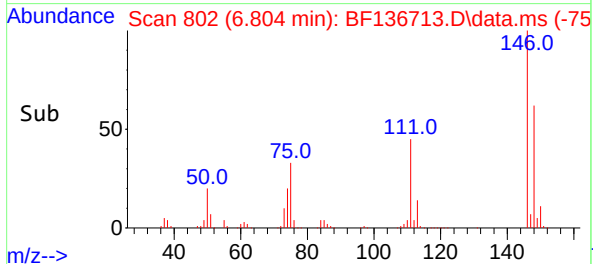
Instrument :
BNA_F
ClientSampleId :
PB157949BS



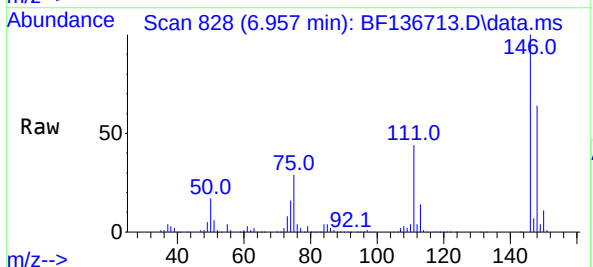
Tgt Ion:146 Resp: 288380
Ion Ratio Lower Upper
146 100
148 62.5 49.2 73.8
111 44.6 35.2 52.8

Manual Integrations
APPROVED

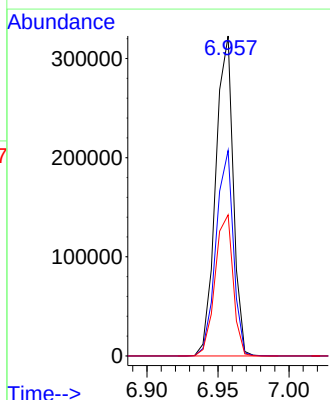
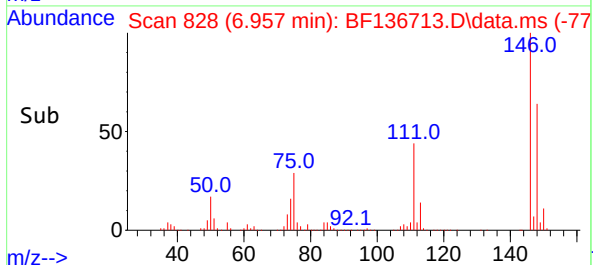
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

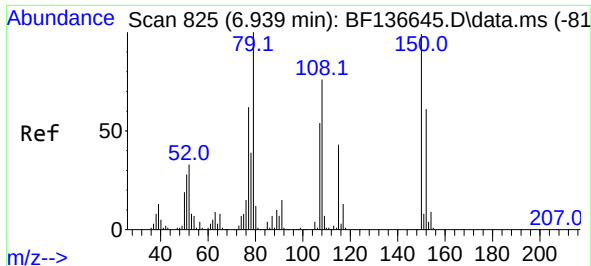


#14
1,2-Dichlorobenzene
Concen: 38.209 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



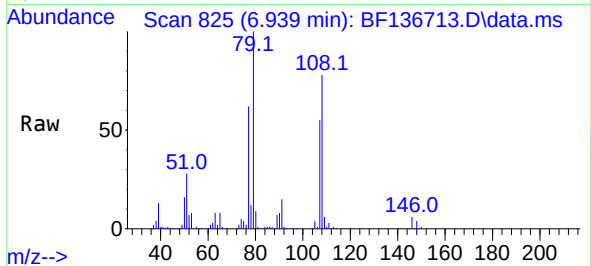
Tgt Ion:146 Resp: 276405
Ion Ratio Lower Upper
146 100
148 64.2 49.6 74.4
111 44.1 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.523 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

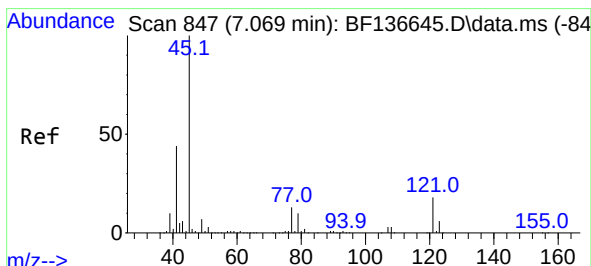
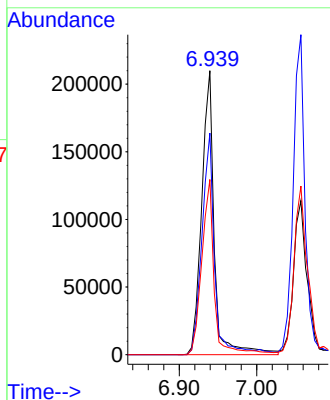
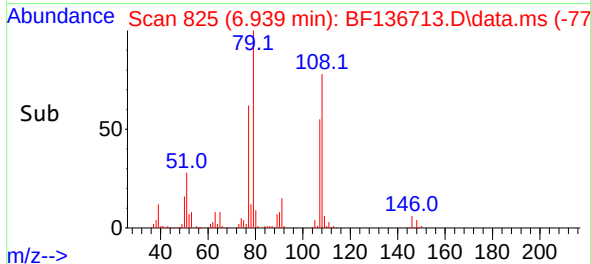
Instrument :
BNA_F
ClientSampleId :
PB157949BS



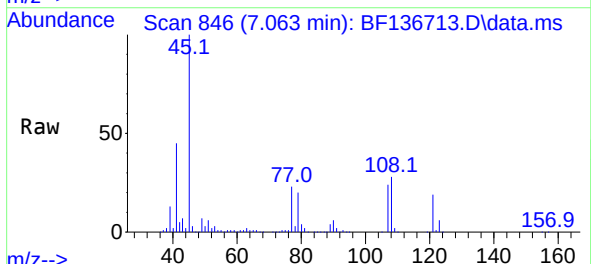
Tgt Ion: 79 Resp: 23691
Ion Ratio Lower Upper
79 100
108 78.0 61.0 91.6
77 61.7 49.8 74.8

Manual Integrations
APPROVED

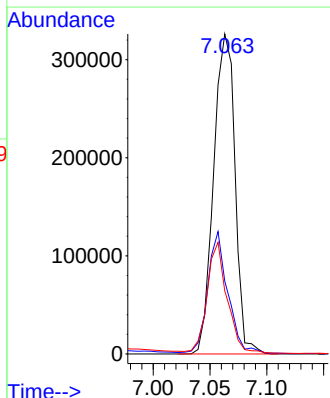
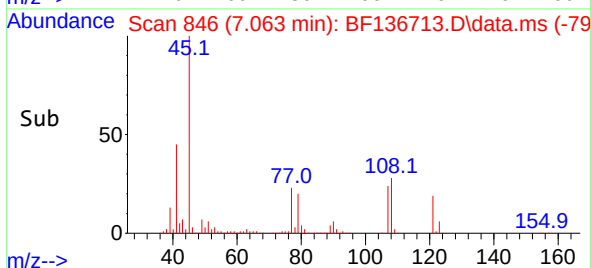
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

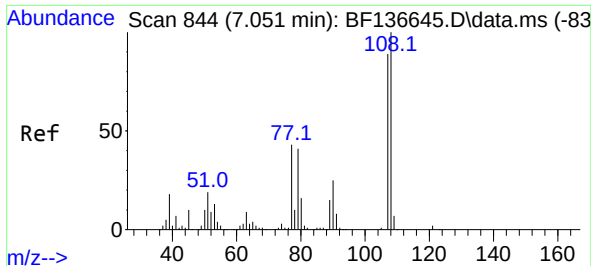


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.015 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion: 45 Resp: 427655
Ion Ratio Lower Upper
45 100
77 22.7 0.0 34.3
79 19.7 0.0 31.4





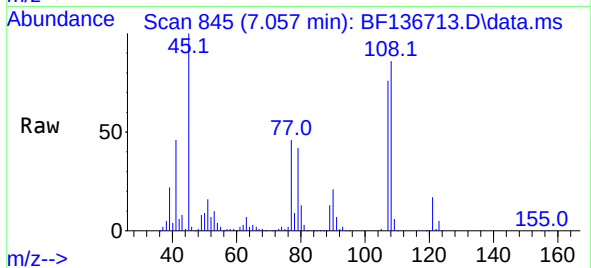
#17
2-Methylphenol
Concen: 38.495 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

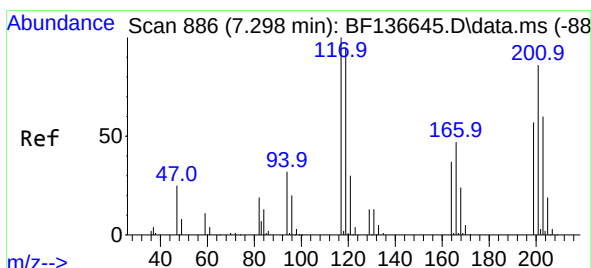
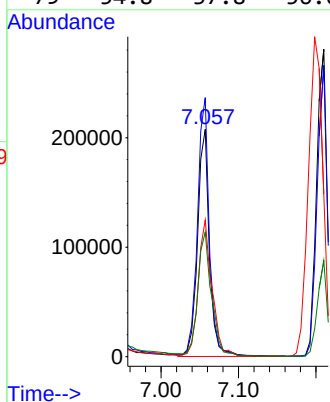
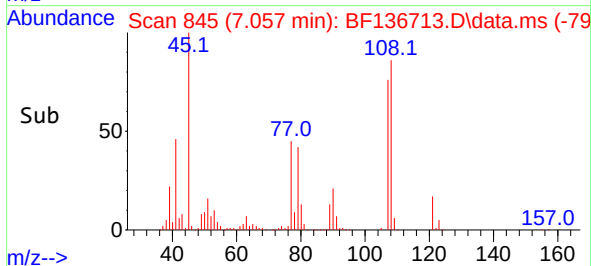


Tgt Ion:107 Resp: 222420
Ion Ratio Lower Upper
107 100
108 113.9 90.3 135.5
77 60.1 38.7 58.1
79 54.8 37.8 56.6

Manual Integrations

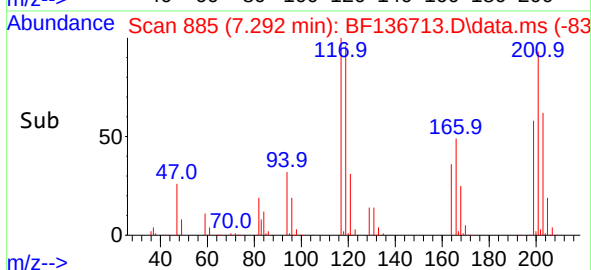
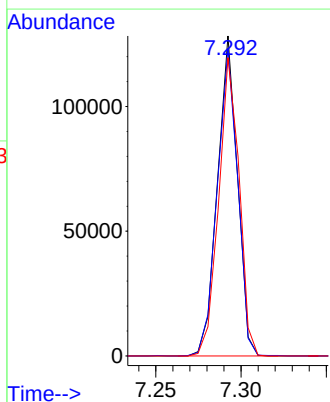
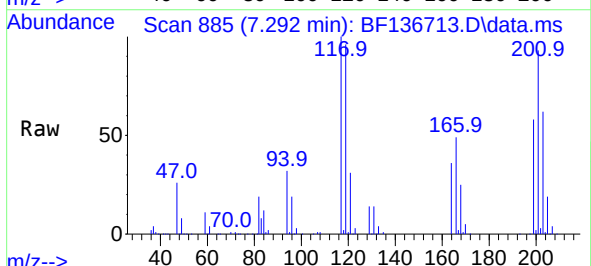
APPROVED

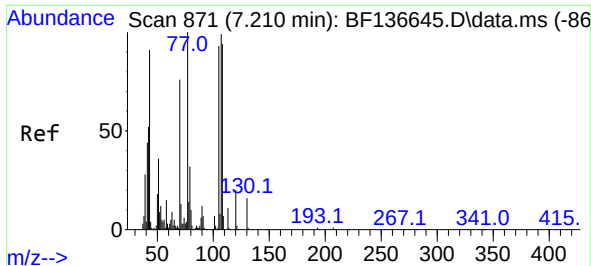
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#18
Hexachloroethane
Concen: 37.027 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

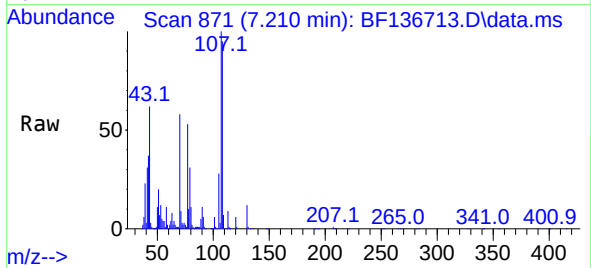
Tgt Ion:117 Resp: 104540
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
201 93.3 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 38.184 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

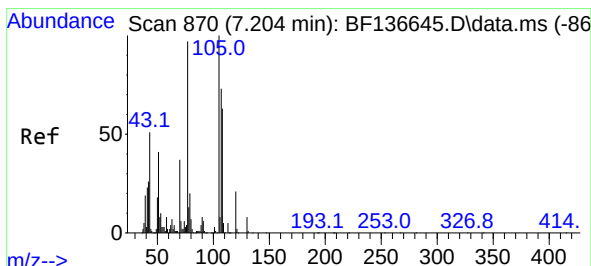
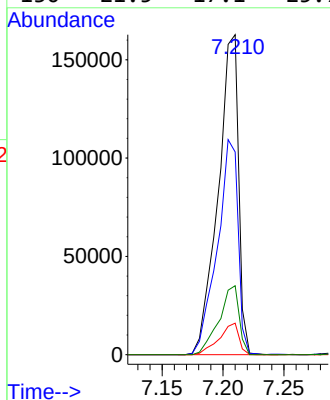
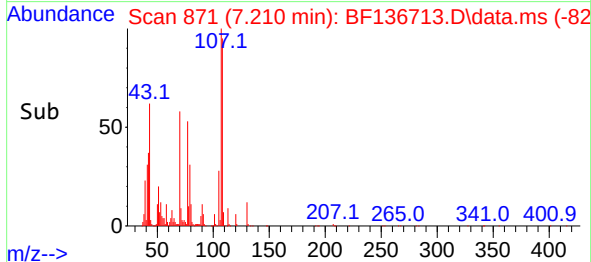
Instrument :
BNA_F
ClientSampleId :
PB157949BS



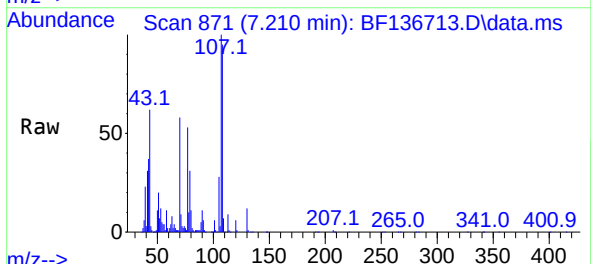
Tgt Ion: 70 Resp: 19115
Ion Ratio Lower Upper
70 100
42 63.3 54.2 81.4
101 9.9 7.6 11.4
130 21.5 17.1 25.7

Manual Integrations
APPROVED

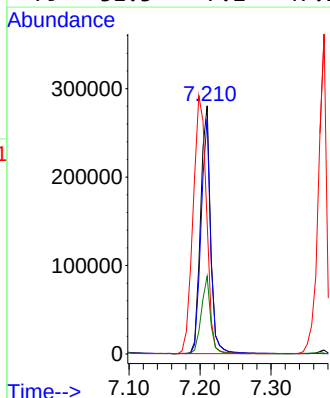
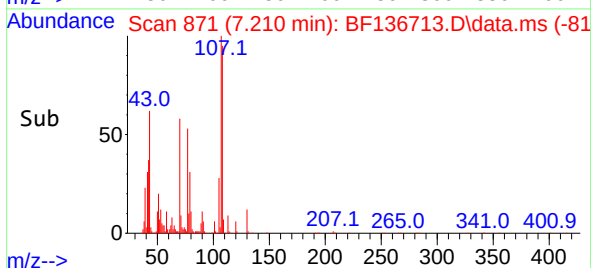
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

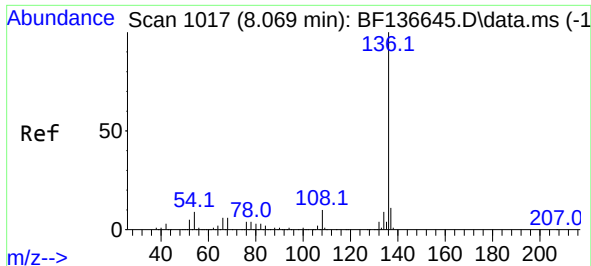


#20
3+4-Methylphenols
Concen: 38.055 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:107 Resp: 274704
Ion Ratio Lower Upper
107 100
108 94.8 66.0 106.0
77 52.9 114.2 154.2#
79 31.3 7.2 47.2





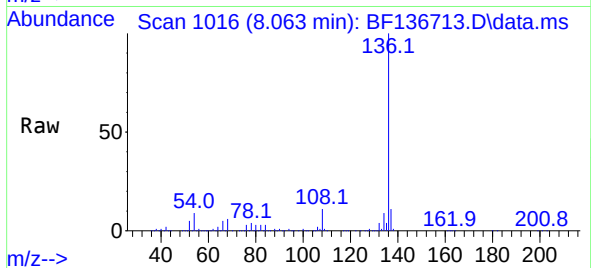
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

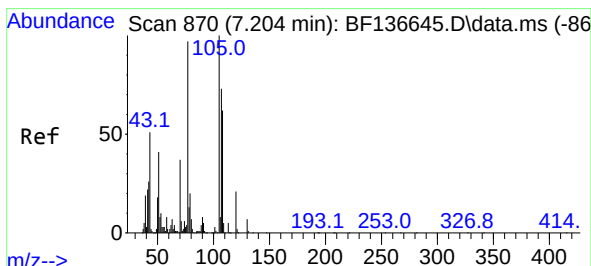
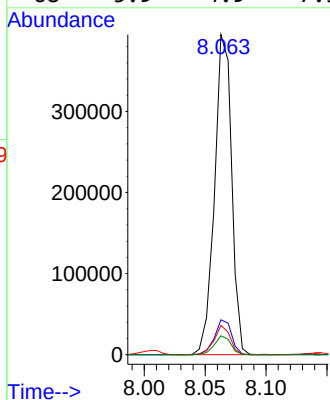
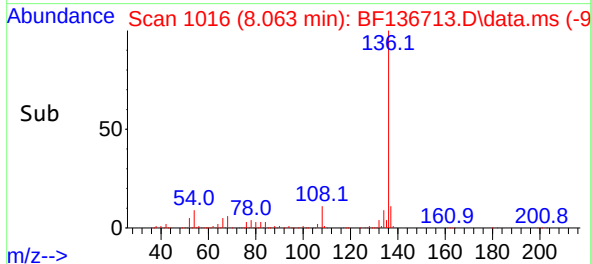


Tgt Ion:136 Resp: 386198
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.2 7.2 10.8
68 5.9 4.9 7.3

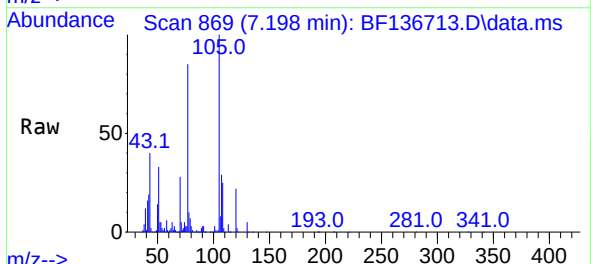
Manual Integrations

APPROVED

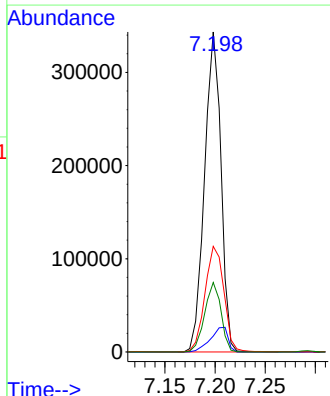
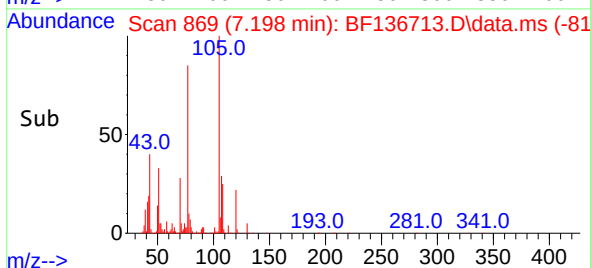
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

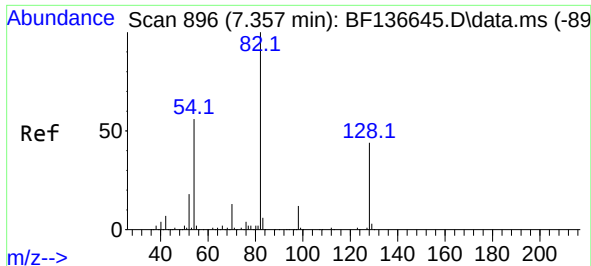


#22
Acetophenone
Concen: 40.530 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:105 Resp: 392334
Ion Ratio Lower Upper
105 100
71 5.0 4.8 7.2
51 33.0 32.8 49.2
120 21.7 17.0 25.6





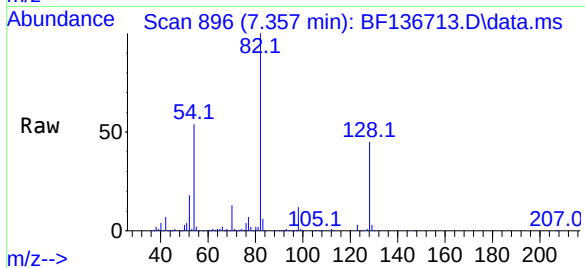
#23
Nitrobenzene-d5
Concen: 75.488 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

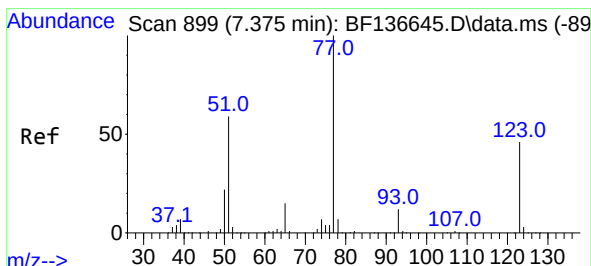
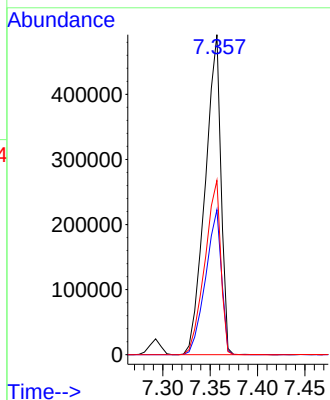
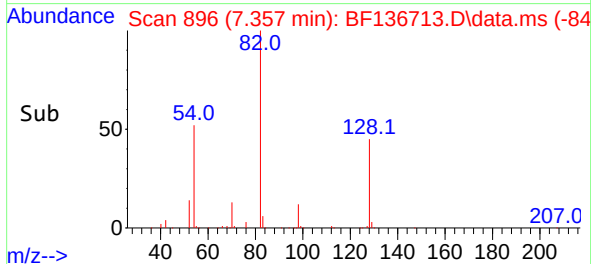


Tgt Ion: 82 Resp: 569725
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 54.4 44.5 66.7

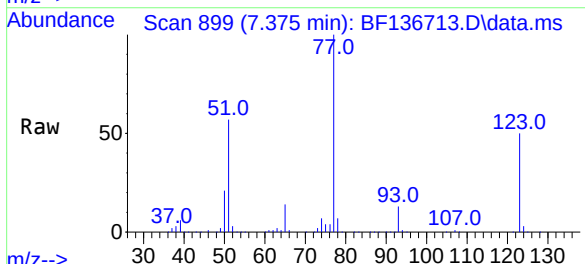
Manual Integrations

APPROVED

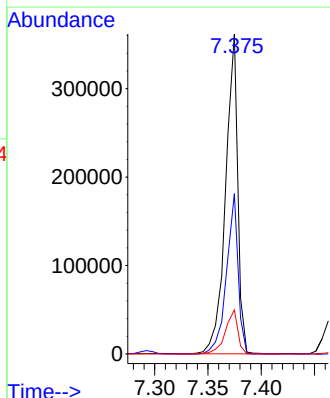
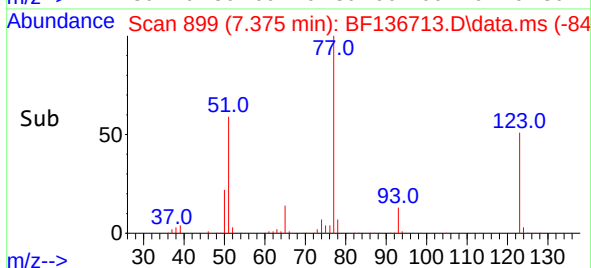
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

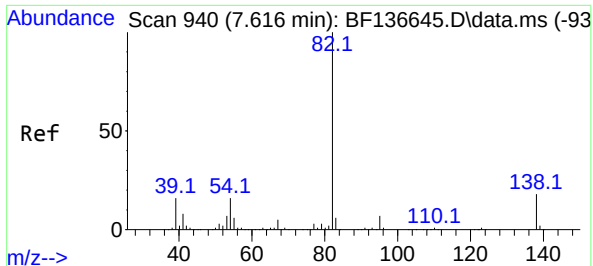


#24
Nitrobenzene
Concen: 37.911 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion: 77 Resp: 286616
Ion Ratio Lower Upper
77 100
123 50.1 36.7 55.1
65 13.8 11.8 17.6





#25
Isophorone
Concen: 38.706 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

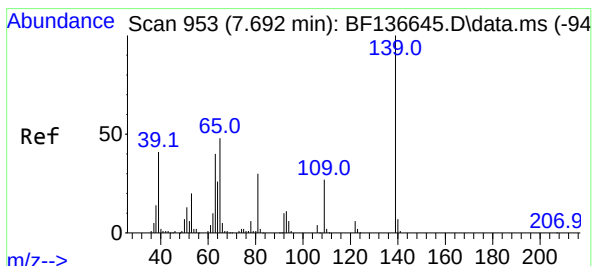
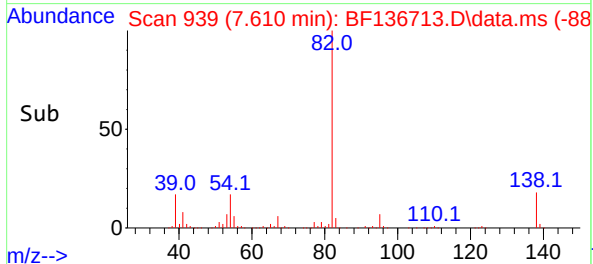
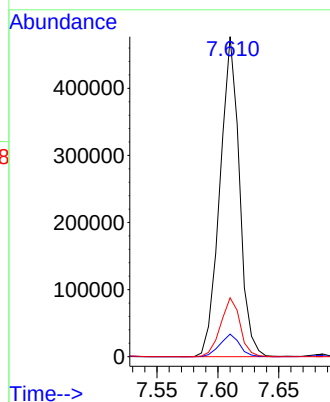
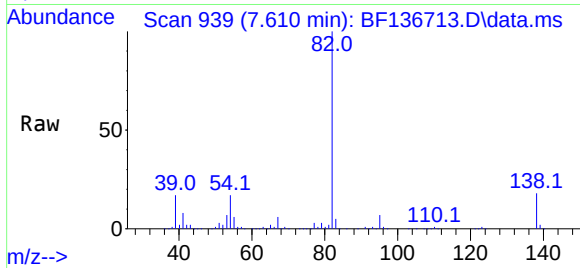
PB157949BS

Tgt Ion: 82 Resp: 531549
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.4 14.5 21.7

Manual Integrations

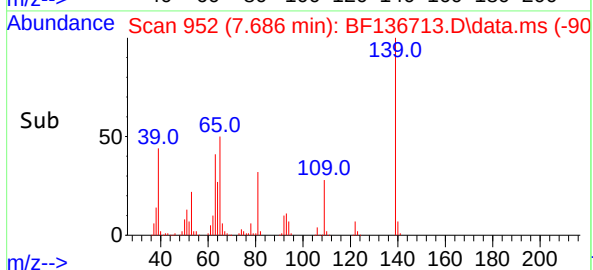
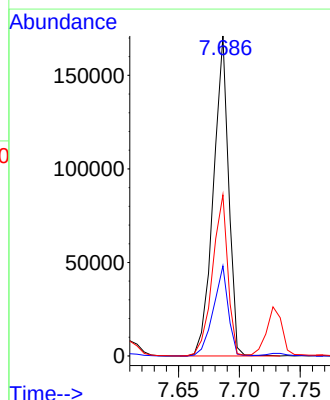
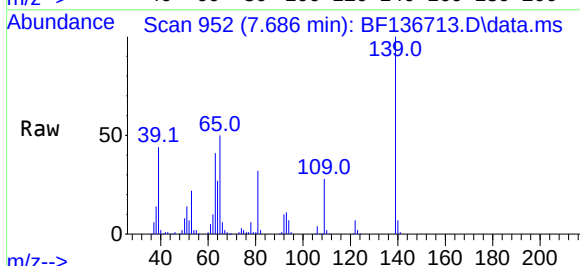
APPROVED

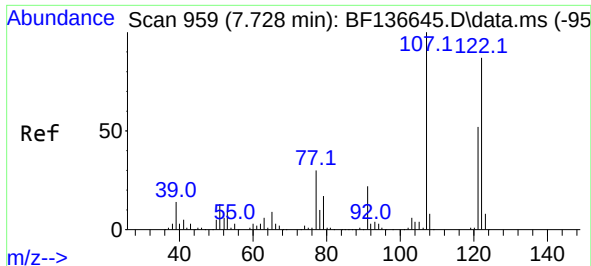
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#26
2-Nitrophenol
Concen: 41.057 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:139 Resp: 148511
Ion Ratio Lower Upper
139 100
109 28.1 21.9 32.9
65 50.4 38.6 58.0





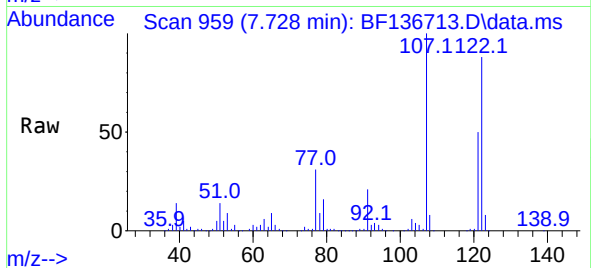
#27
2,4-Dimethylphenol
Concen: 55.418 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

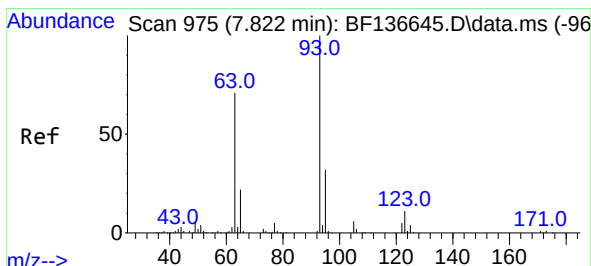
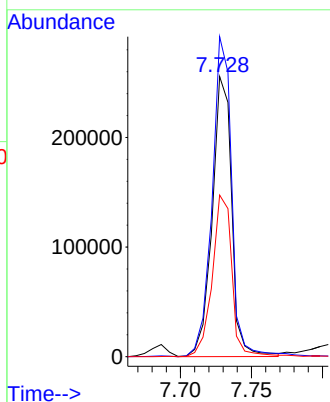
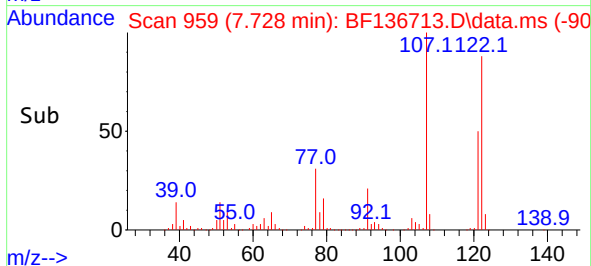


Tgt Ion:122 Resp: 244040
Ion Ratio Lower Upper
122 100
107 114.2 92.0 138.0
121 57.7 47.5 71.3

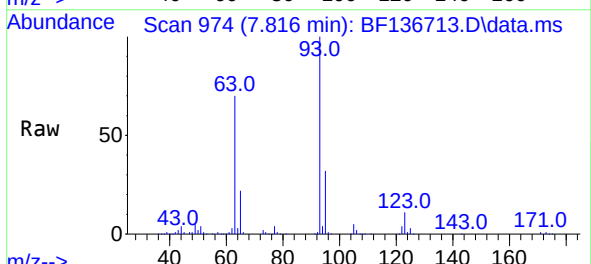
Manual Integrations

APPROVED

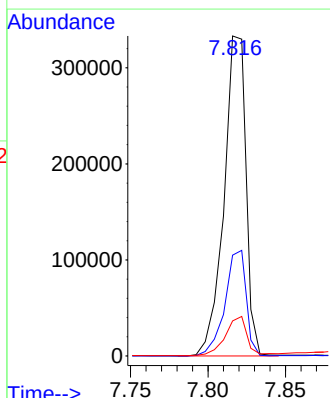
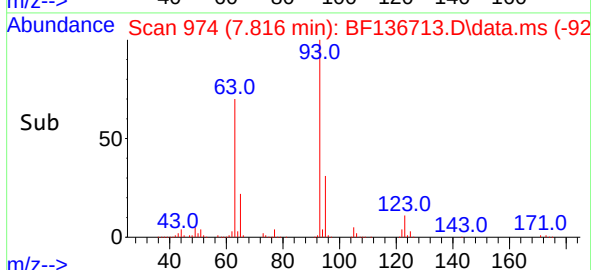
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

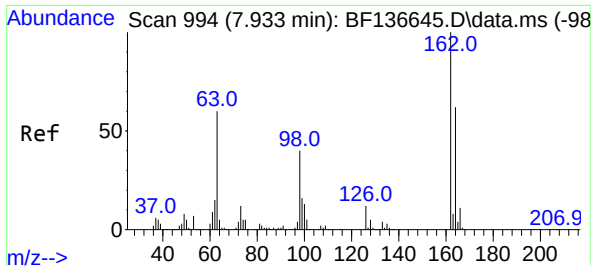


#28
bis(2-Chloroethoxy)methane
Concen: 39.452 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion: 93 Resp: 329329
Ion Ratio Lower Upper
93 100
95 31.5 25.5 38.3
123 11.0 9.2 13.8





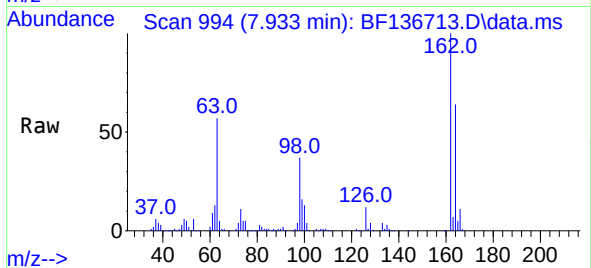
#29
2,4-Dichlorophenol
Concen: 39.853 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

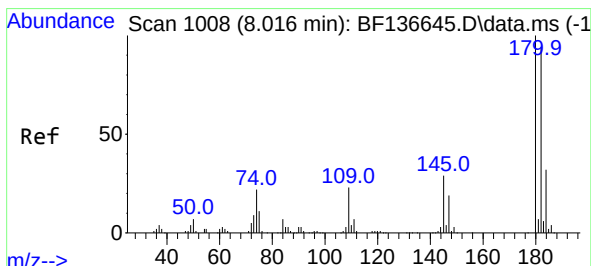
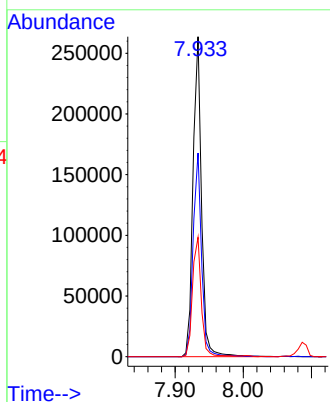
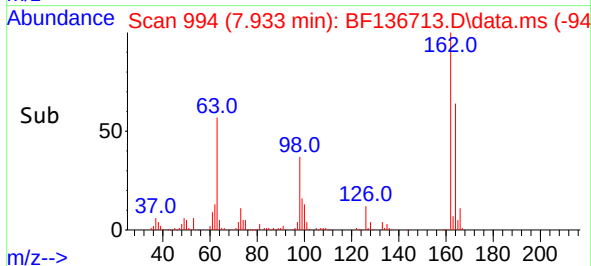


Tgt Ion:162 Resp: 22594
Ion Ratio Lower Upper
162 100
164 63.7 41.7 81.7
98 37.3 19.5 59.5

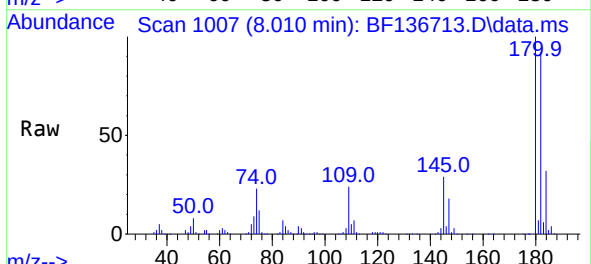
Manual Integrations

APPROVED

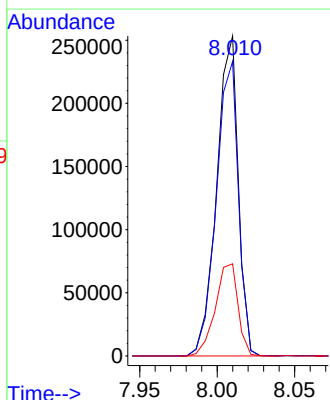
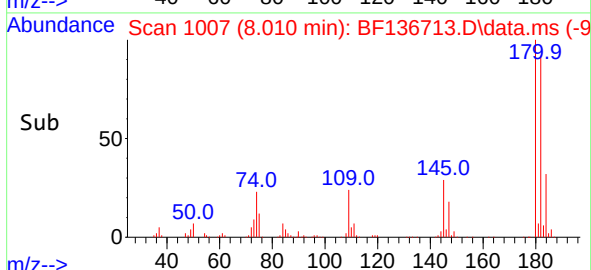
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

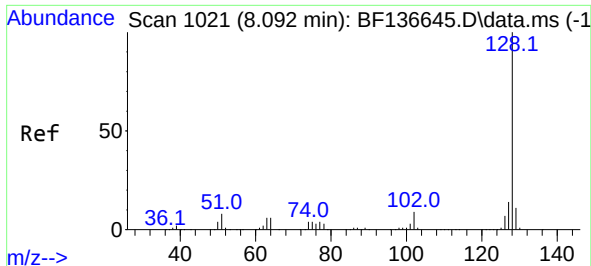


#30
1,2,4-Trichlorobenzene
Concen: 38.879 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:180 Resp: 245593
Ion Ratio Lower Upper
180 100
182 92.1 75.4 113.0
145 28.8 23.1 34.7





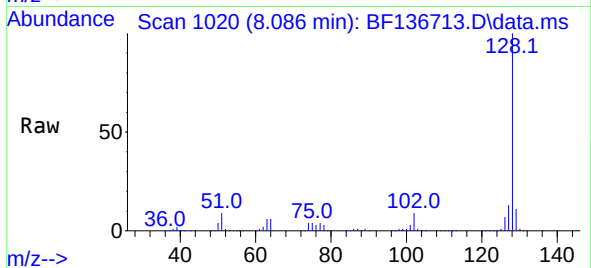
#31
Naphthalene
Concen: 38.189 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

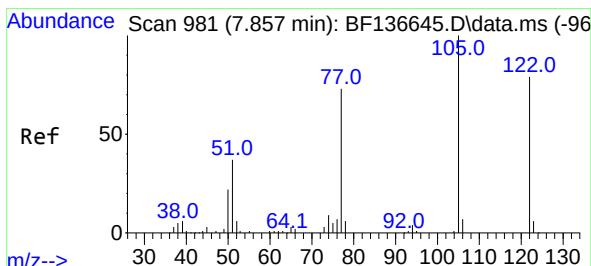
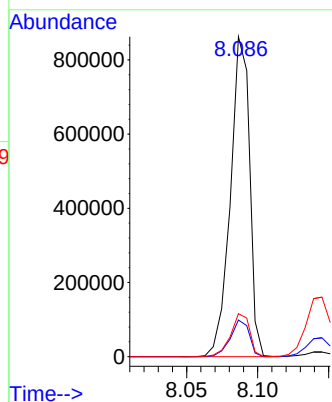
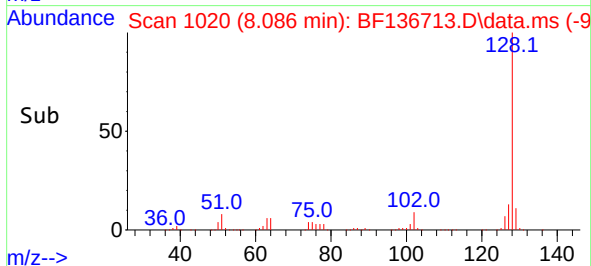


Tgt Ion:128 Resp: 810239
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.8 16.2

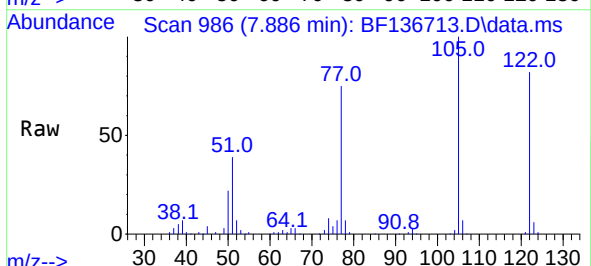
Manual Integrations

APPROVED

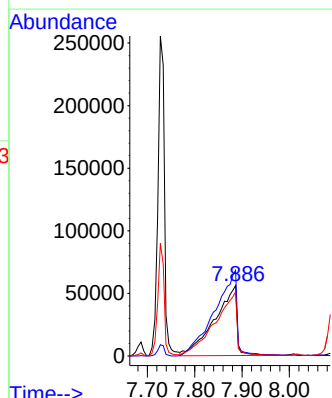
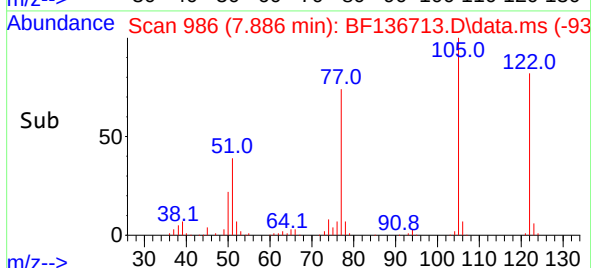
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

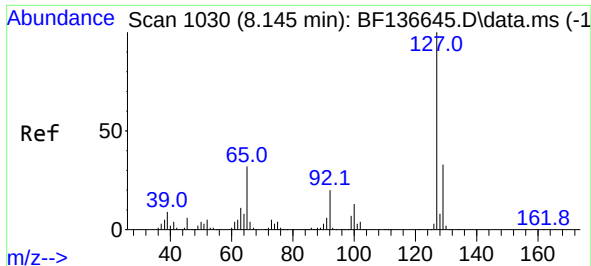


#32
Benzoic acid
Concen: 43.323 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:122 Resp: 184594
Ion Ratio Lower Upper
122 100
105 121.6 100.8 140.8
77 91.0 70.9 110.9





#33
4-Chloroaniline
Concen: 25.721 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

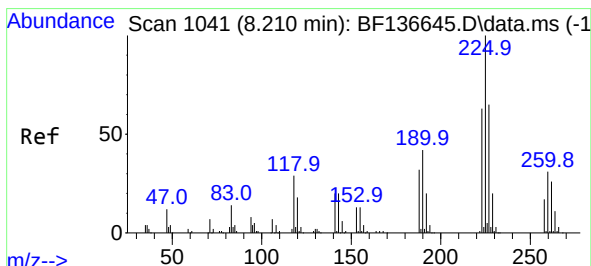
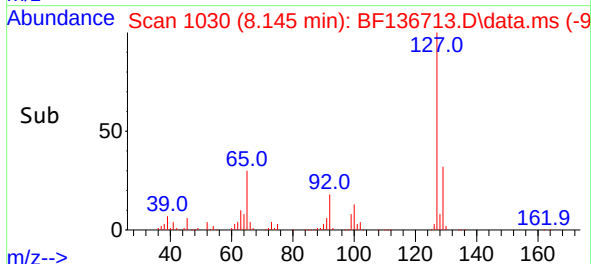
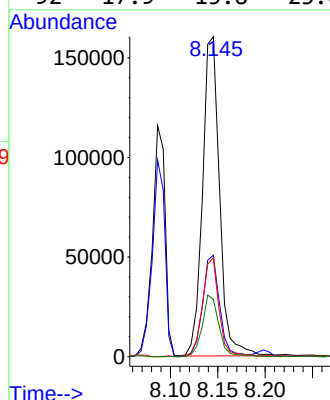
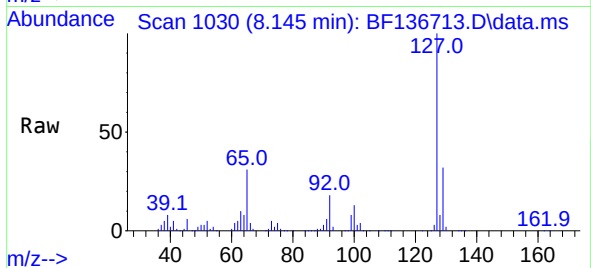
PB157949BS

Tgt Ion:127 Resp: 20149
Ion Ratio Lower Upper
127 100
129 31.7 26.3 39.5
65 30.9 25.8 38.8
92 17.9 15.8 23.6

Manual Integrations

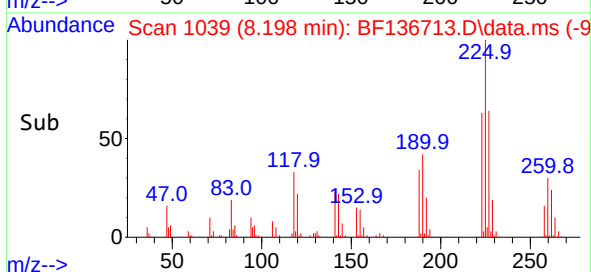
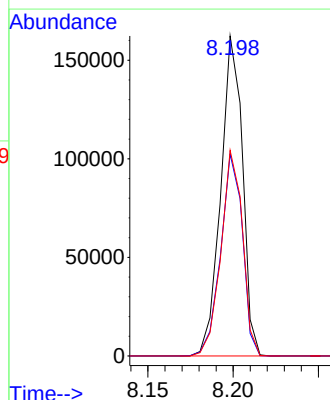
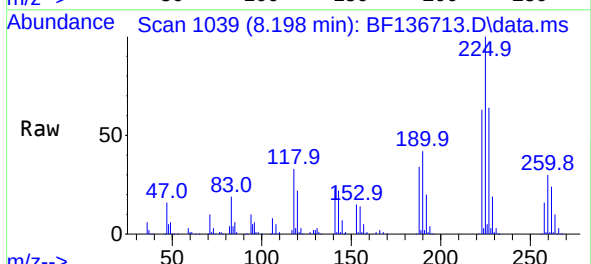
APPROVED

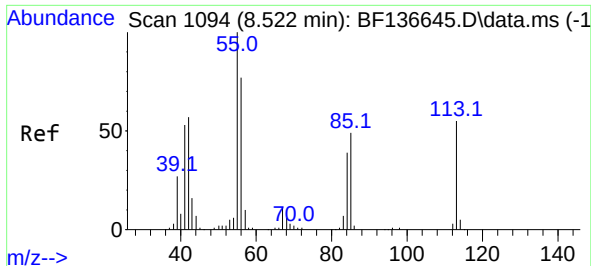
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#34
Hexachlorobutadiene
Concen: 37.518 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

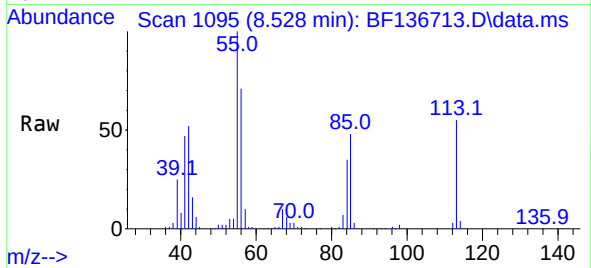
Tgt Ion:225 Resp: 143988
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 64.2 51.9 77.9





#35
Caprolactam
Concen: 41.718 ng m
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

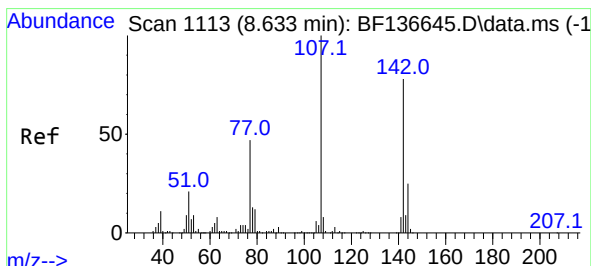
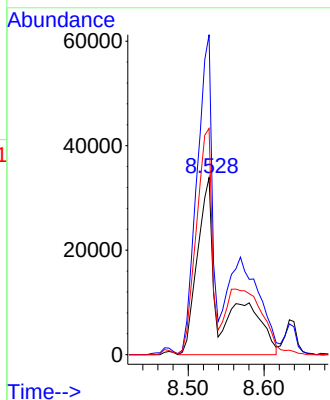
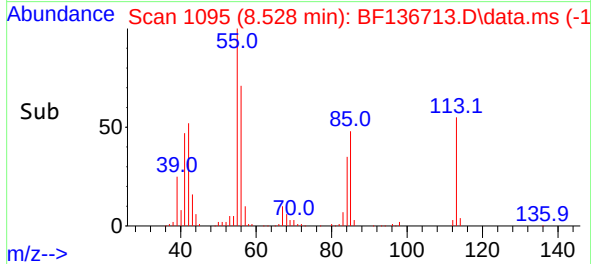
Instrument :
BNA_F
ClientSampleId :
PB157949BS



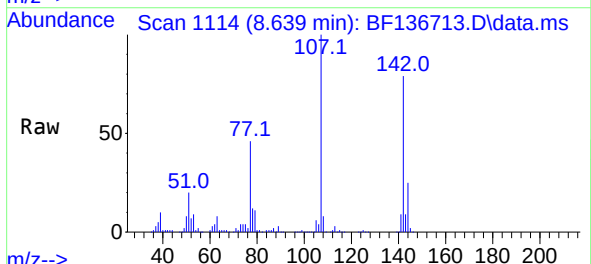
Tgt Ion:113 Resp: 7802
Ion Ratio Lower Upper
113 100
55 180.7 163.1 203.1
56 127.8 121.7 161.7

Manual Integrations
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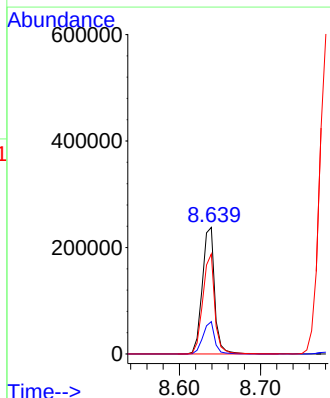
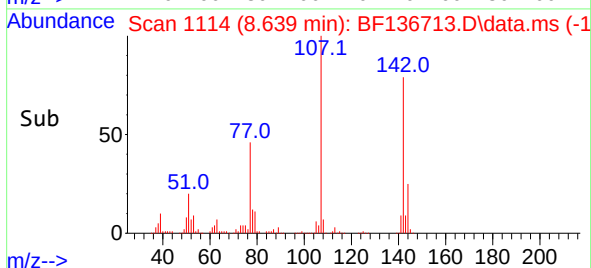
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

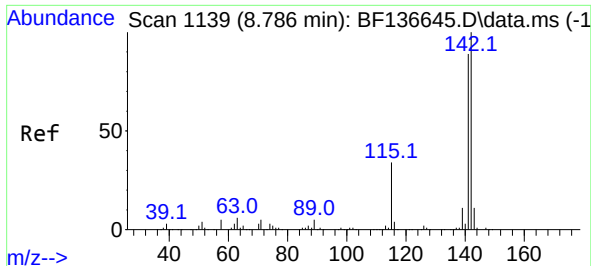


#36
4-Chloro-3-methylphenol
Concen: 39.359 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:107 Resp: 251212
Ion Ratio Lower Upper
107 100
144 25.5 20.2 30.2
142 79.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.936 ng

RT: 8.780 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

Tgt Ion:142 Resp: 517998

Ion Ratio Lower Upper

142 100

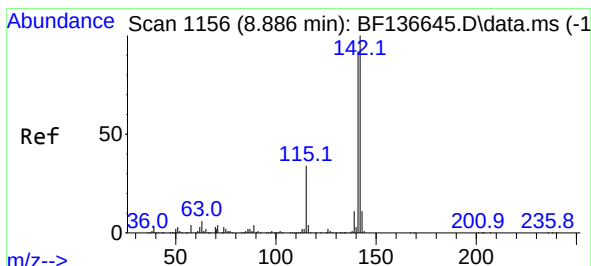
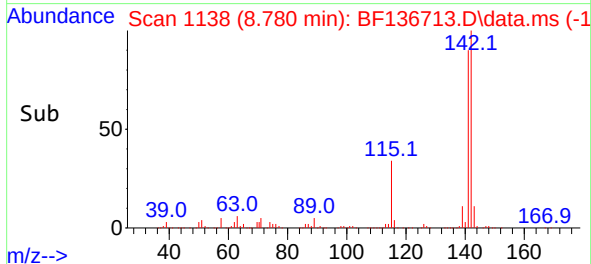
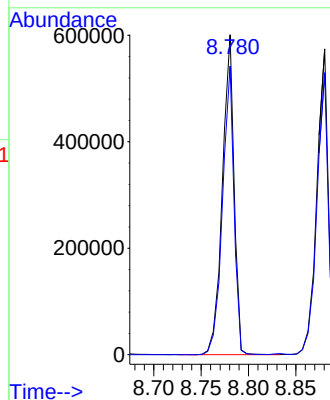
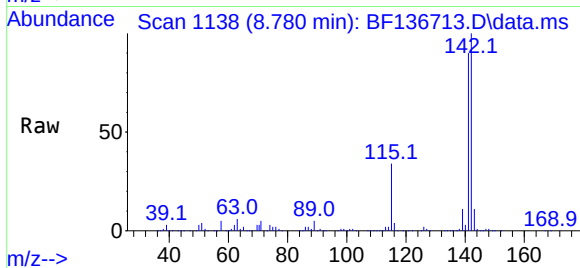
141 90.2 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#38

1-Methylnaphthalene

Concen: 35.871 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136713.D

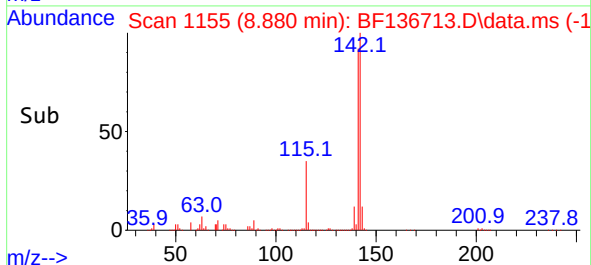
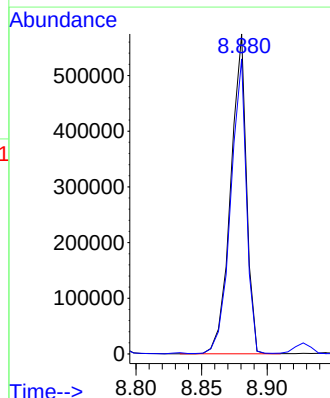
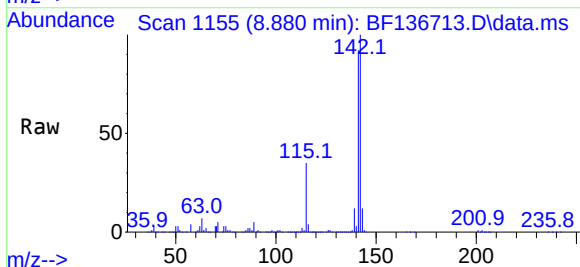
Acq: 26 Dec 2023 11:47

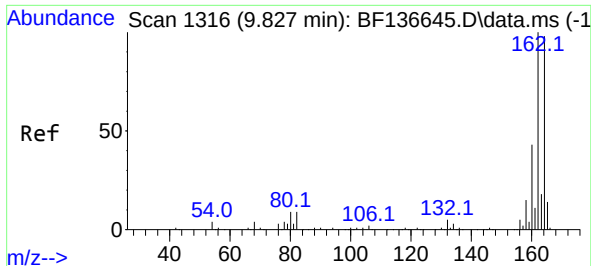
Tgt Ion:142 Resp: 480533

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4





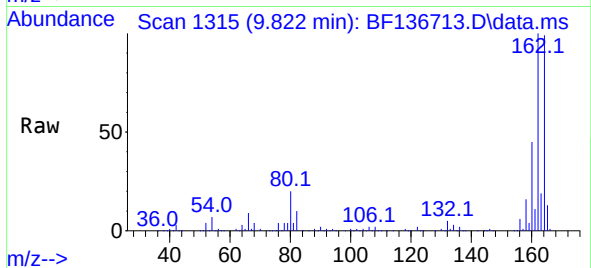
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

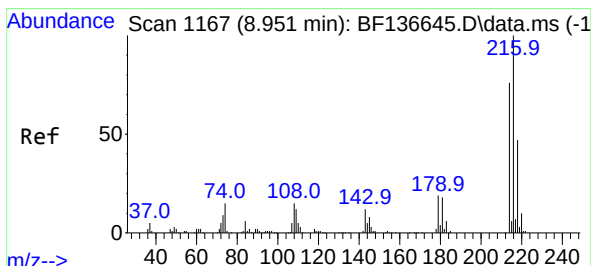
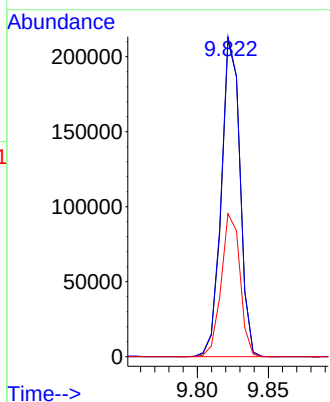
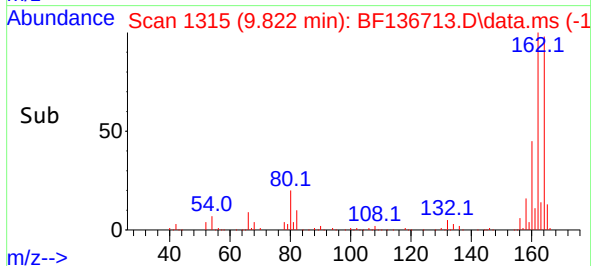


Tgt Ion:164 Resp: 191720
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 45.2 34.9 52.3

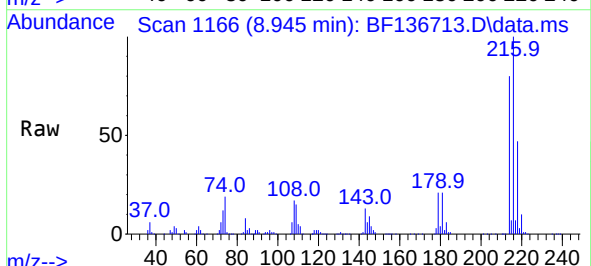
Manual Integrations

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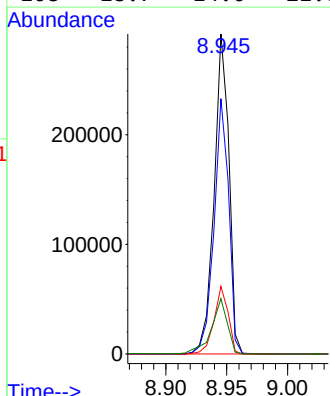
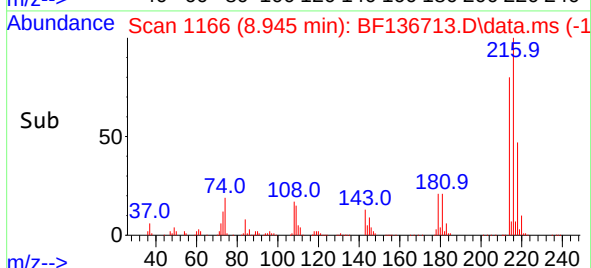
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

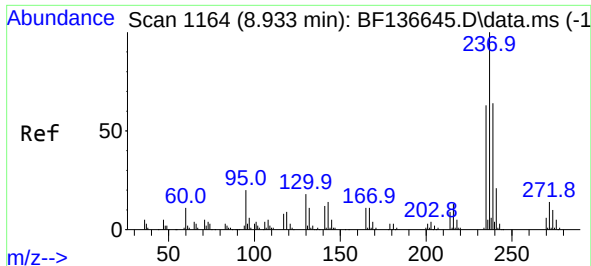


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.622 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:216 Resp: 247128
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 20.3 16.4 24.6
108 18.7 14.0 21.0





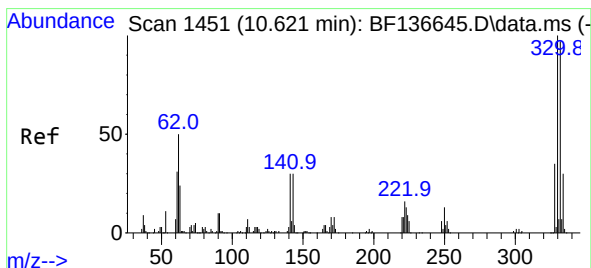
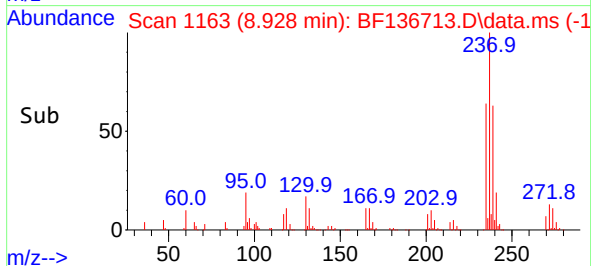
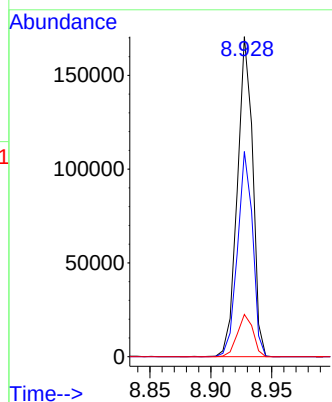
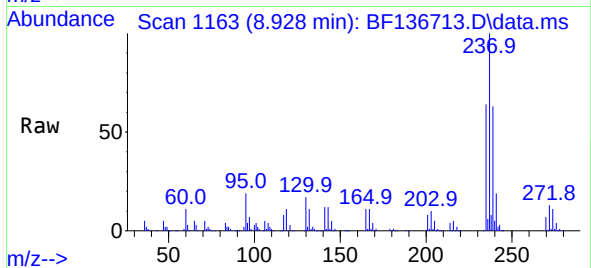
#41
Hexachlorocyclopentadiene
Concen: 79.183 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB157949BS

Tgt Ion:237 Resp: 149800
Ion Ratio Lower Upper
237 100
235 64.1 43.2 83.2
272 13.2 0.0 34.2

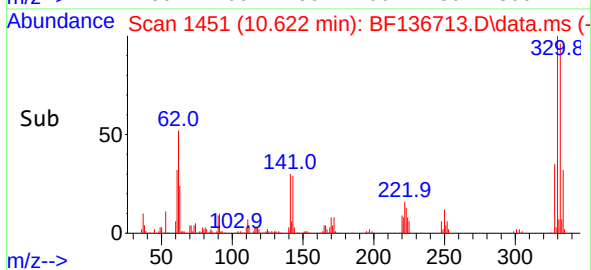
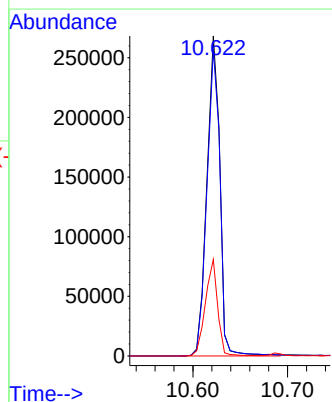
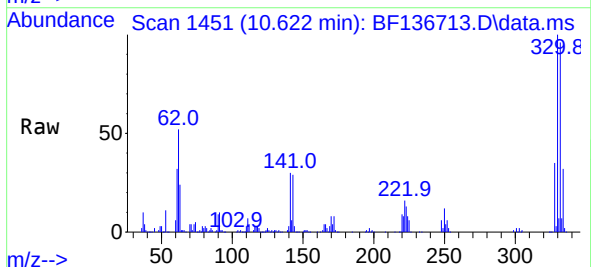
Manual Integrations
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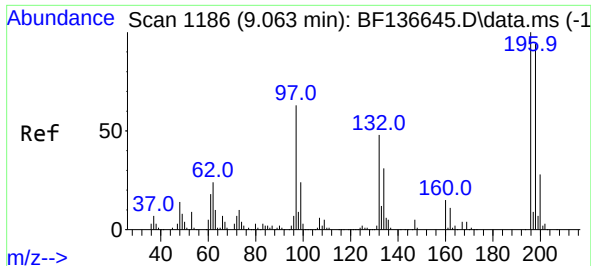
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#42
2,4,6-Tribromophenol
Concen: 112.272 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:330 Resp: 253502
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 28.7 23.4 35.2





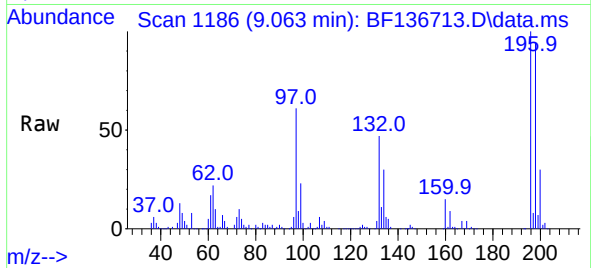
#43
2,4,6-Trichlorophenol
Concen: 42.082 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

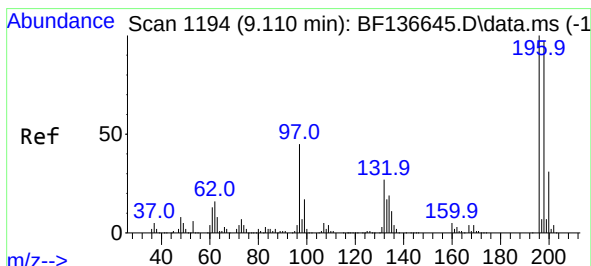
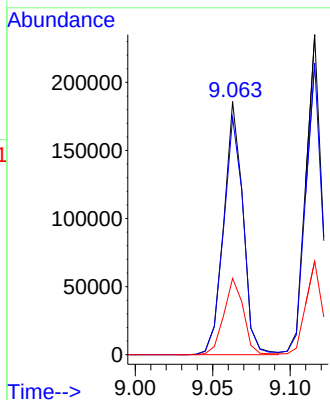
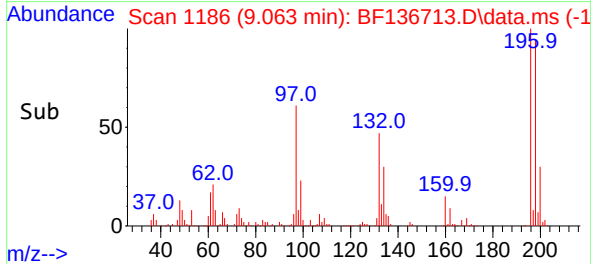


Tgt Ion:196 Resp: 16024
Ion Ratio Lower Upper
196 100
198 93.7 75.1 112.7
200 30.1 22.5 33.7

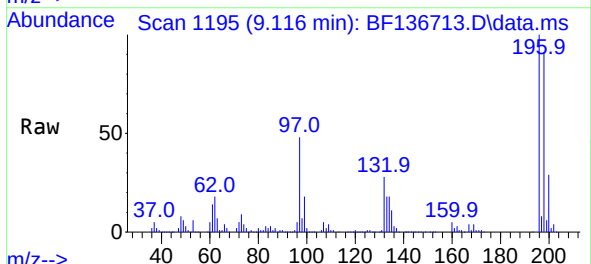
Manual Integrations

APPROVED

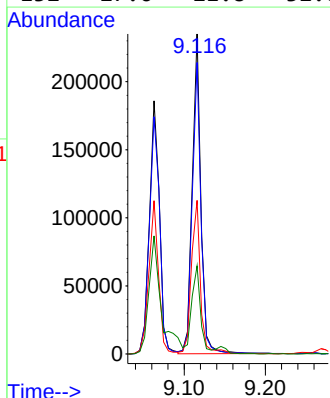
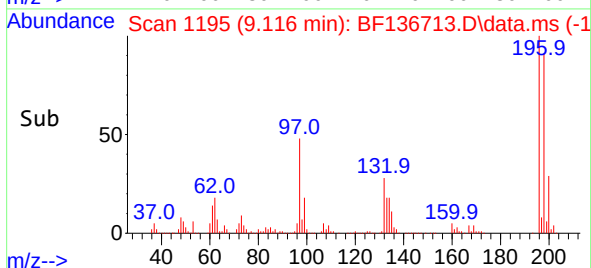
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

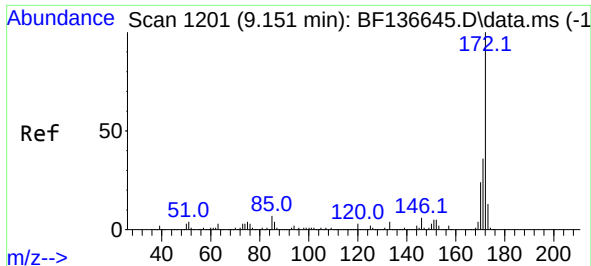


#44
2,4,5-Trichlorophenol
Concen: 41.075 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:196 Resp: 174291
Ion Ratio Lower Upper
196 100
198 91.1 77.0 115.6
97 48.0 36.1 54.1
132 27.6 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 76.798 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

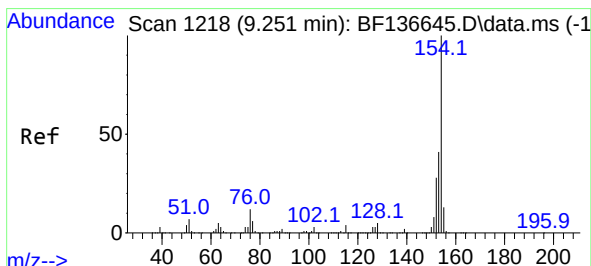
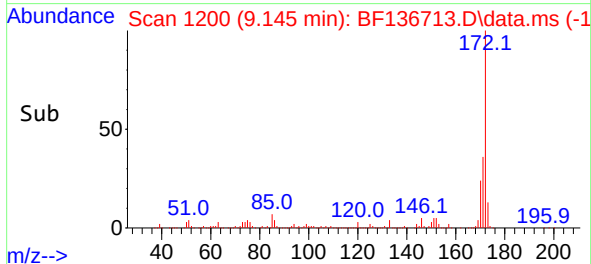
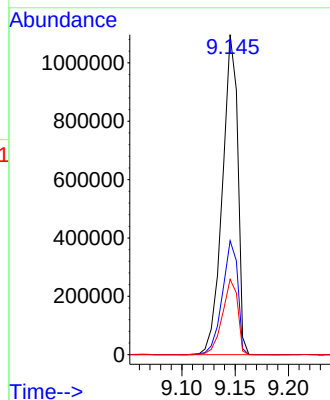
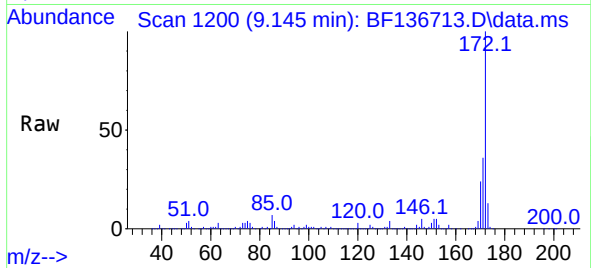
PB157949BS

Tgt Ion:172 Resp: 1094711
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.6 19.0 28.4

Manual Integrations

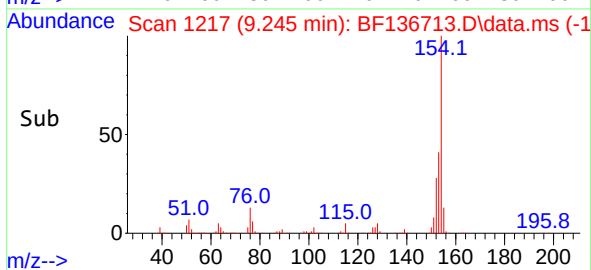
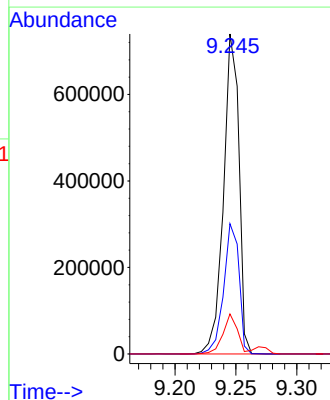
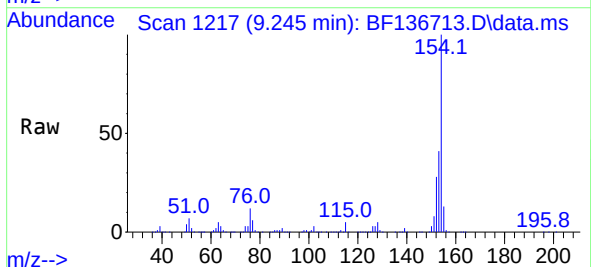
APPROVED

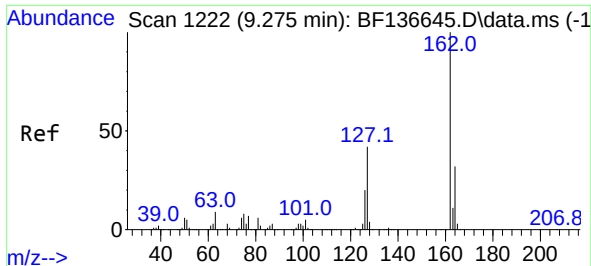
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#46
1,1'-Biphenyl
Concen: 40.584 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:154 Resp: 652920
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 12.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 39.477 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

Tgt Ion:162 Resp: 482824

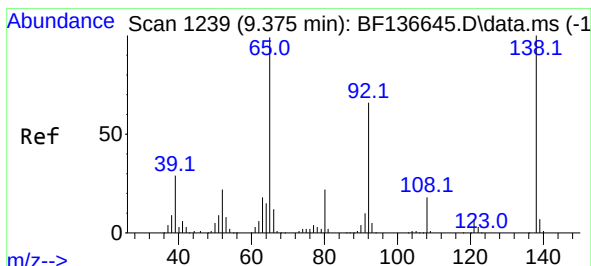
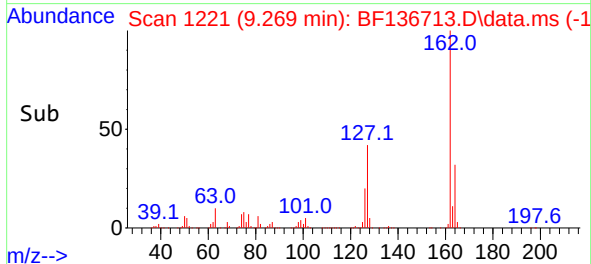
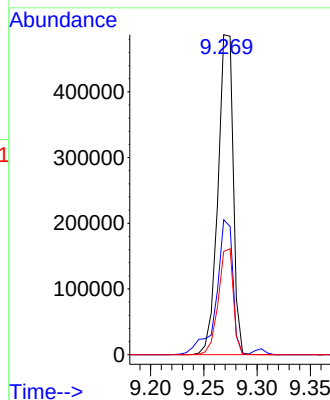
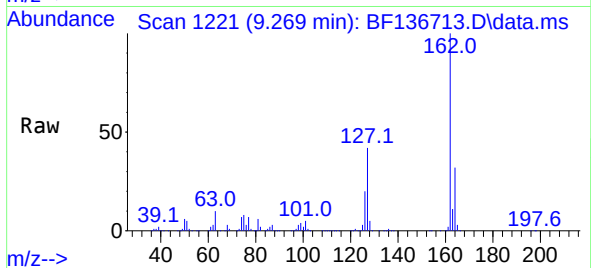
Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.6	50.4
164	32.3	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#48

2-Nitroaniline

Concen: 41.448 ng

RT: 9.375 min Scan# 1239

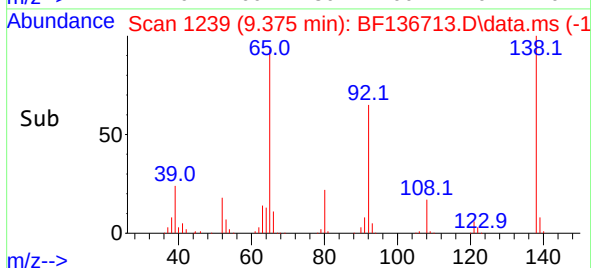
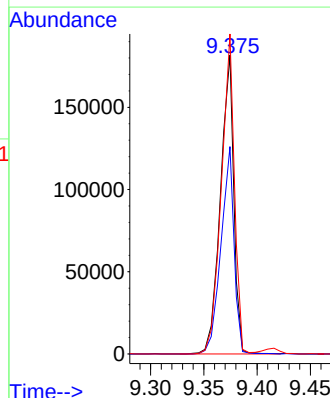
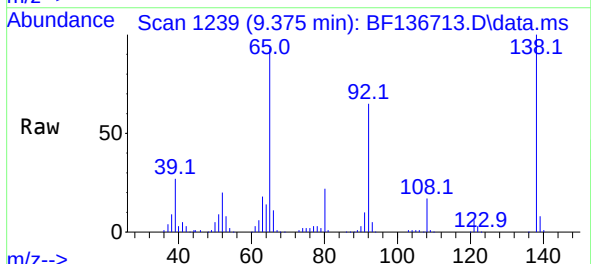
Delta R.T. 0.000 min

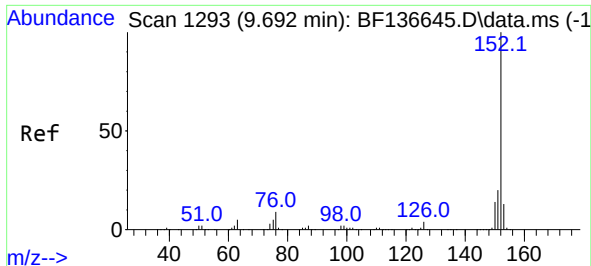
Lab File: BF136713.D

Acq: 26 Dec 2023 11:47

Tgt Ion: 65 Resp: 158744

Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.2	79.8
138	107.0	81.1	121.7





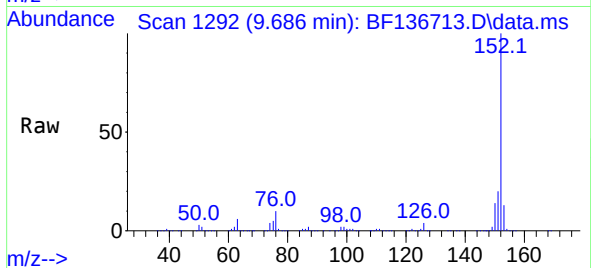
#49
Acenaphthylene
Concen: 40.616 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

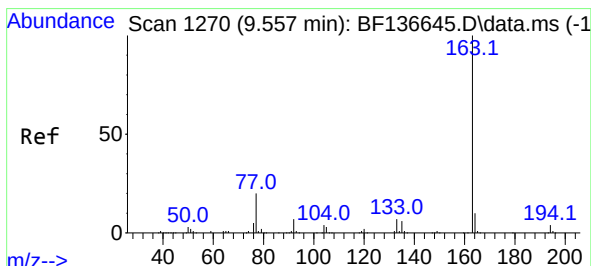
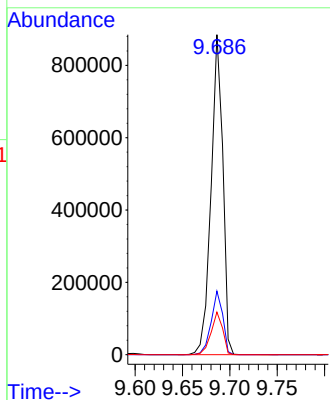
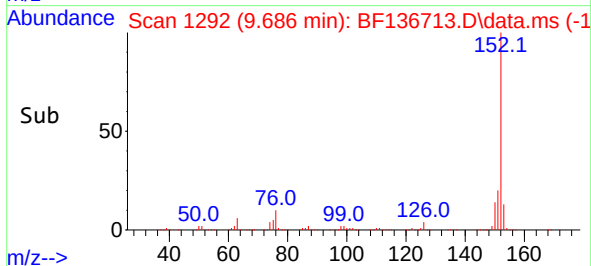


Tgt Ion:152 Resp: 759279
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.3 10.2 15.2

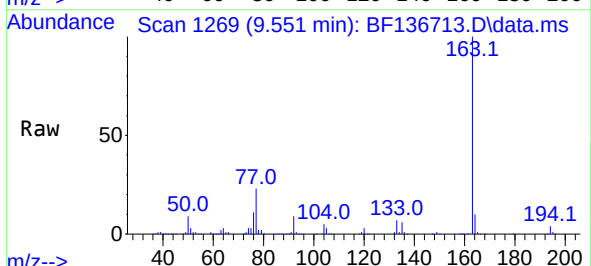
Manual Integrations

APPROVED

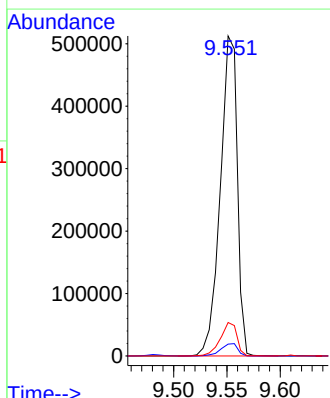
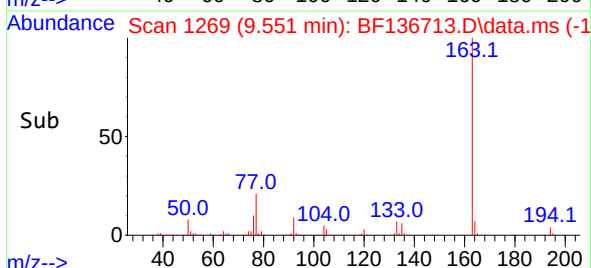
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

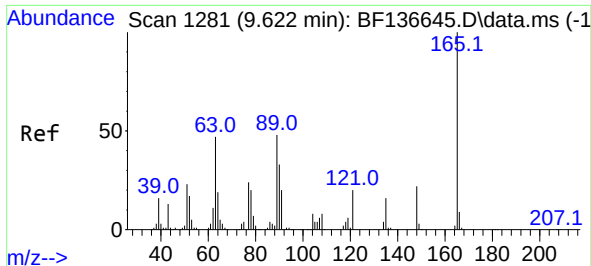


#50
Dimethylphthalate
Concen: 40.610 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:163 Resp: 568693
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.5 7.8 11.6





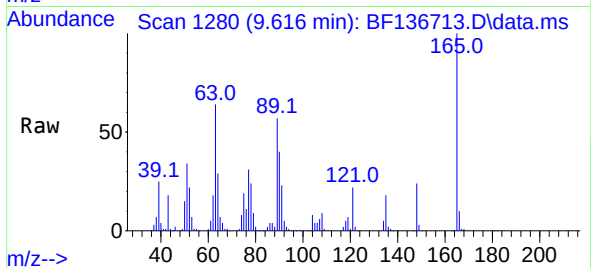
#51
2,6-Dinitrotoluene
Concen: 39.582 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

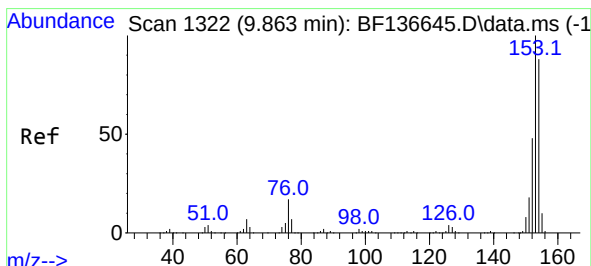
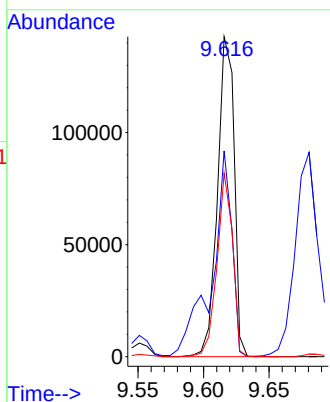
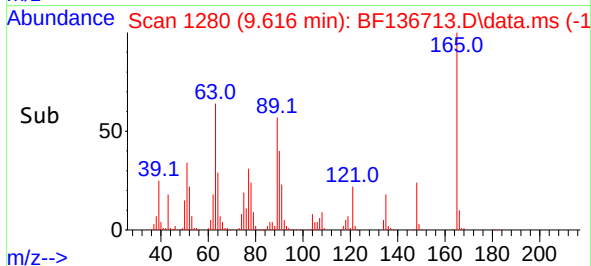


Tgt Ion:165 Resp: 125798
Ion Ratio Lower Upper
165 100
63 64.3 39.8 59.6
89 57.4 38.8 58.2

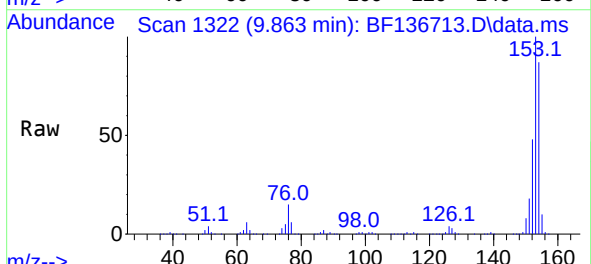
Manual Integrations

APPROVED

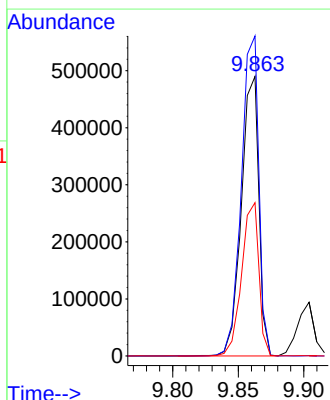
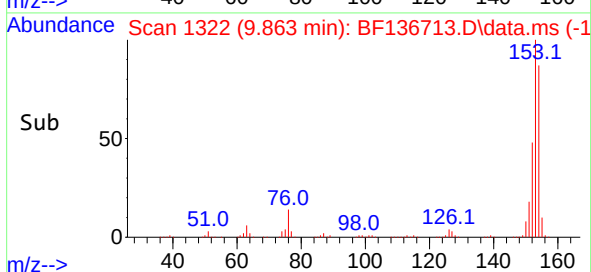
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

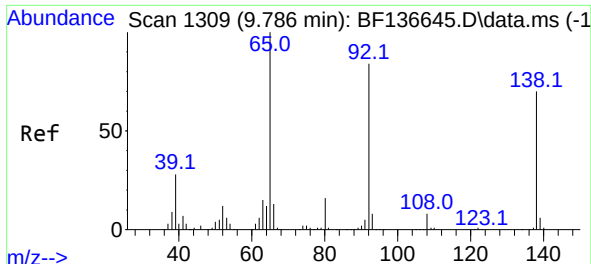


#52
Acenaphthene
Concen: 39.276 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:154 Resp: 455141
Ion Ratio Lower Upper
154 100
153 114.5 90.7 136.1
152 54.8 43.7 65.5





#53
3-Nitroaniline
Concen: 30.904 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

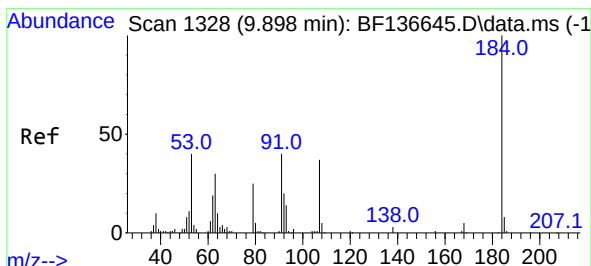
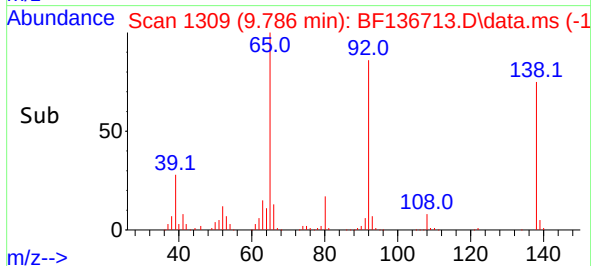
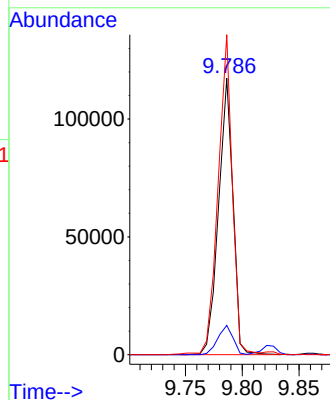
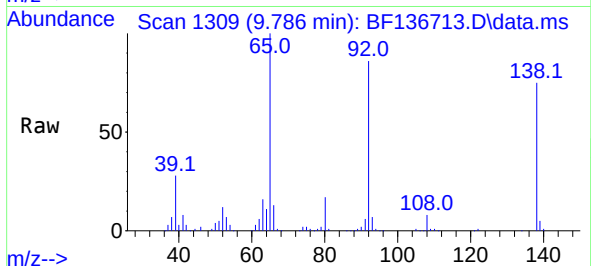
PB157949BS

Tgt Ion:138 Resp: 10404
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 115.8 95.2 142.8

Manual Integrations

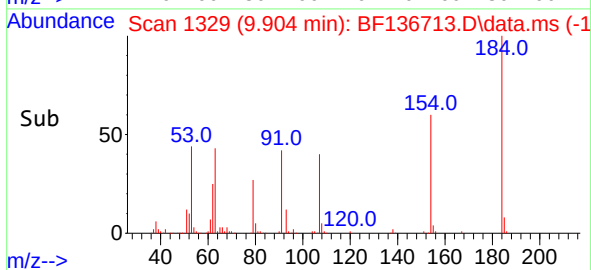
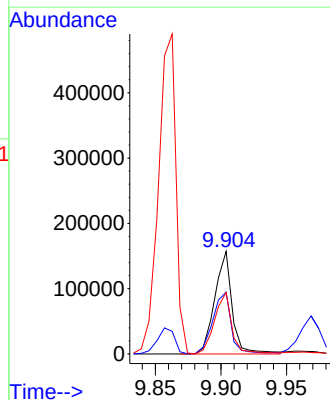
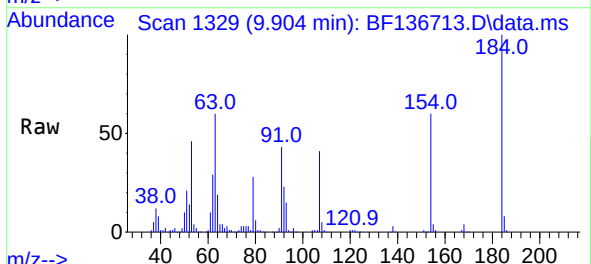
APPROVED

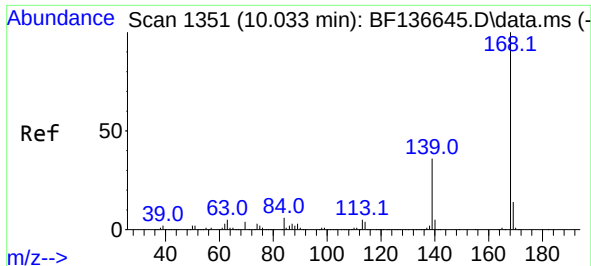
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#54
2,4-Dinitrophenol
Concen: 82.274 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:184 Resp: 145114
Ion Ratio Lower Upper
184 100
63 60.3 40.9 61.3
154 60.0 42.7 64.1





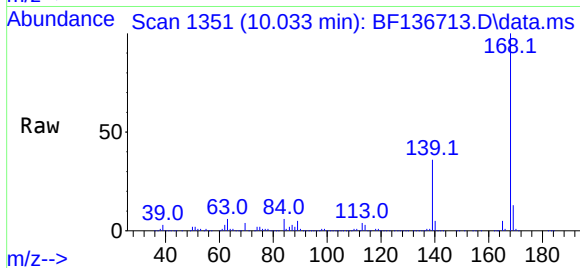
#55
Dibenzenofuran
Concen: 39.027 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

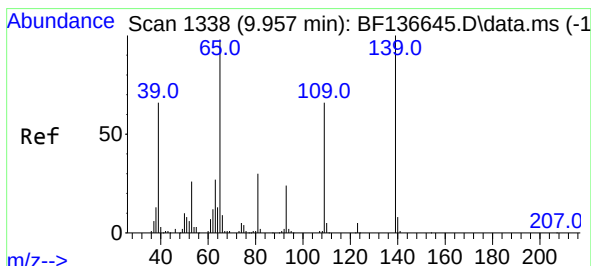
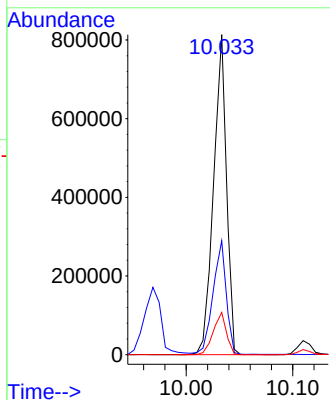
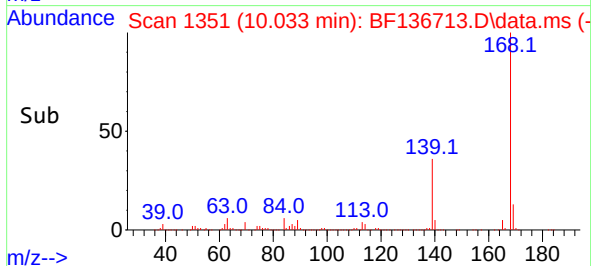


Tgt Ion:168 Resp: 68555
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 13.2 11.0 16.4

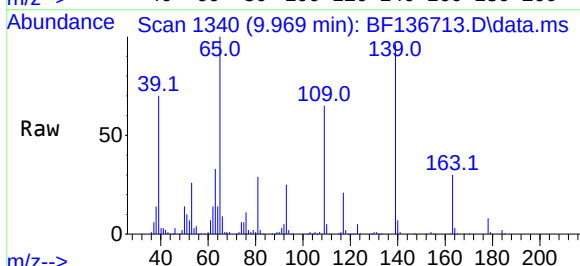
Manual Integrations

APPROVED

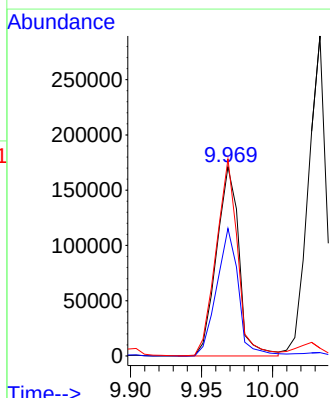
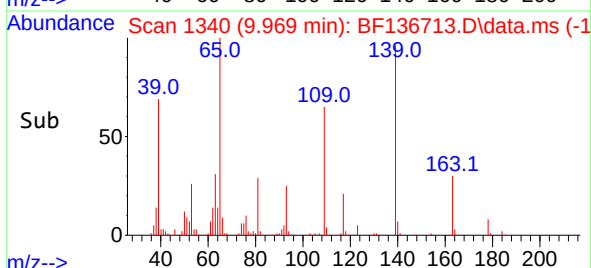
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

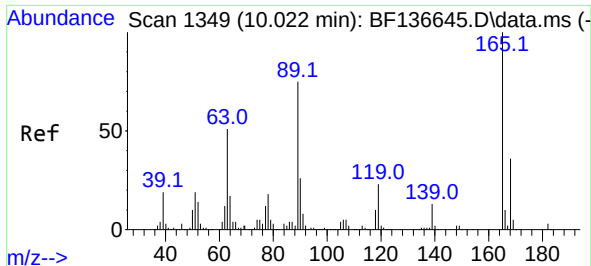


#56
4-Nitrophenol
Concen: 82.625 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:139 Resp: 187781
Ion Ratio Lower Upper
139 100
109 67.4 45.8 85.8
65 104.1 77.8 117.8





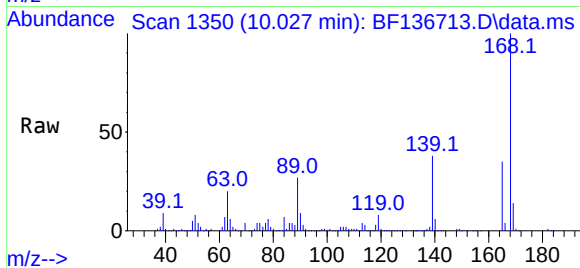
#57
2,4-Dinitrotoluene
Concen: 37.544 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

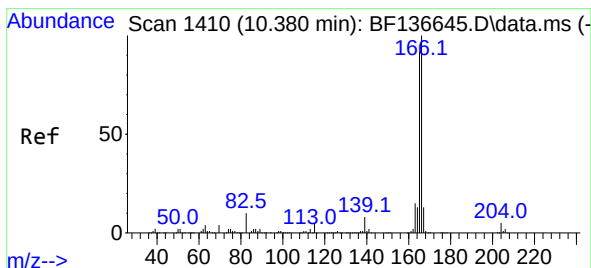
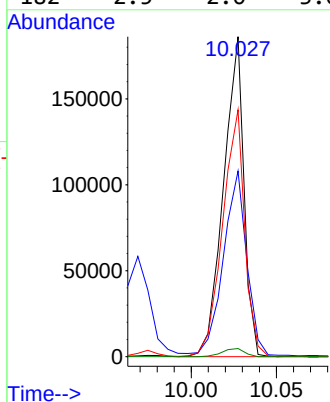
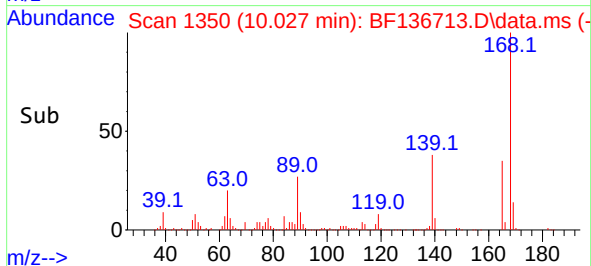


Tgt Ion:165 Resp: 154900
Ion Ratio Lower Upper
165 100
63 58.0 41.0 61.6
89 77.2 59.9 89.9
182 2.5 2.0 3.0

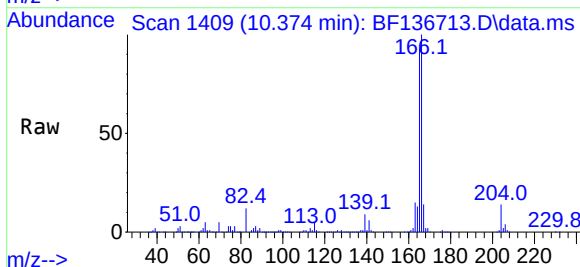
Manual Integrations

APPROVED

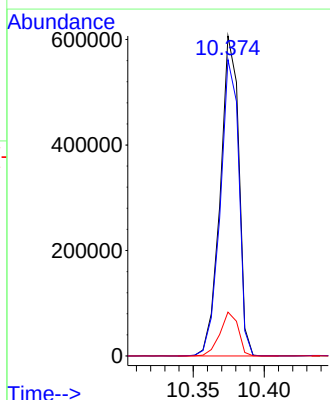
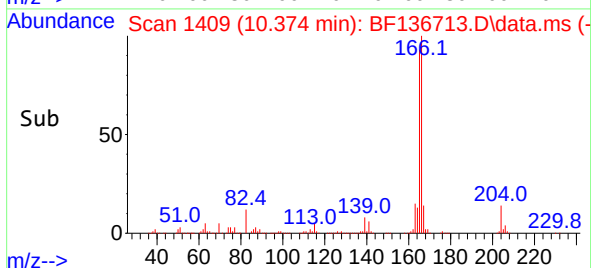
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

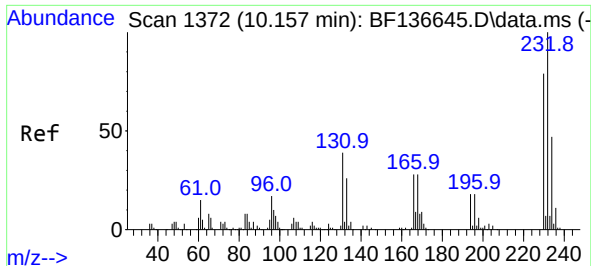


#58
Fluorene
Concen: 39.437 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:166 Resp: 549678
Ion Ratio Lower Upper
166 100
165 92.6 73.7 110.5
167 13.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.642 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

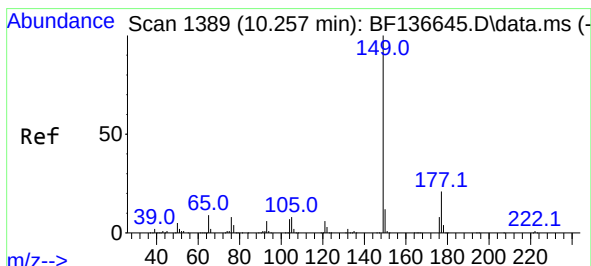
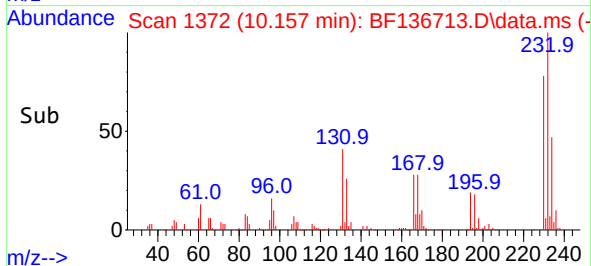
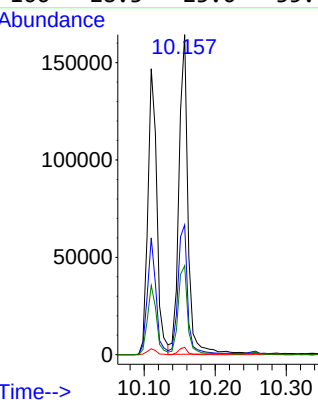
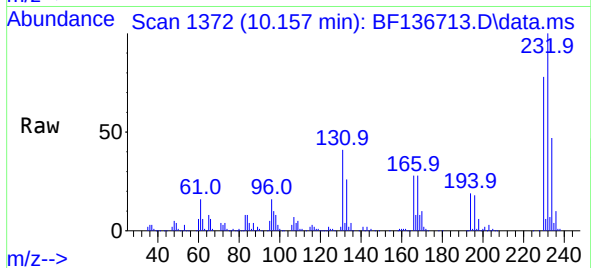
PB157949BS

Tgt Ion:232 Resp: 14581
Ion Ratio Lower Upper
232 100
131 42.3 35.1 52.7
130 2.2 1.6 2.4
166 28.3 23.6 35.4

Manual Integrations

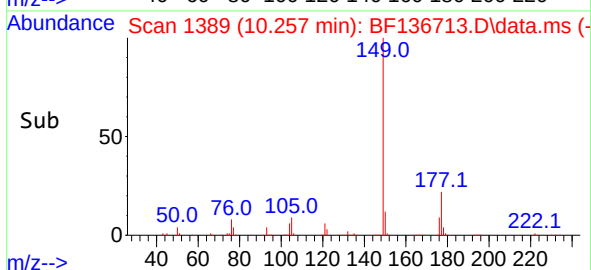
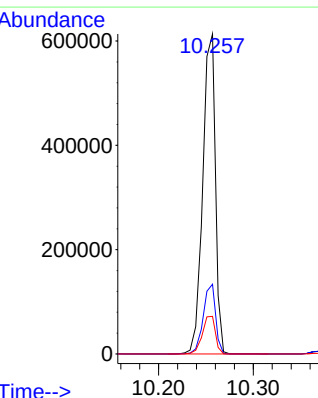
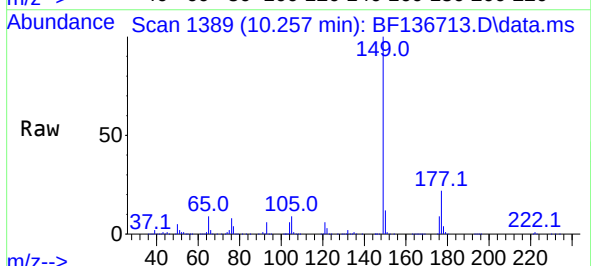
APPROVED

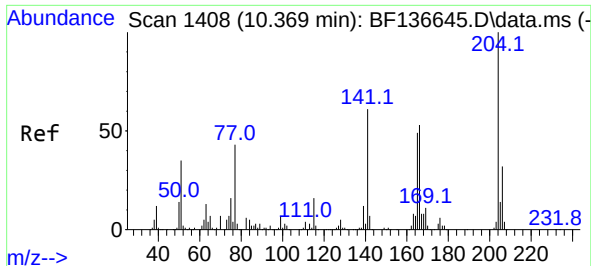
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#60
Diethylphthalate
Concen: 39.063 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

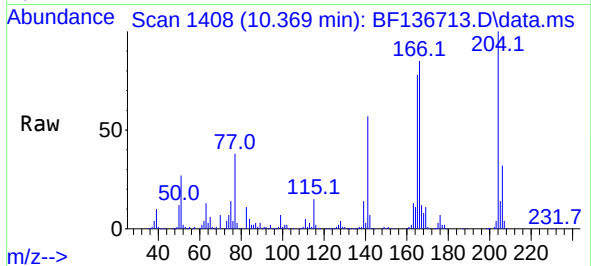
Tgt Ion:149 Resp: 567576
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 11.7 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.441 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

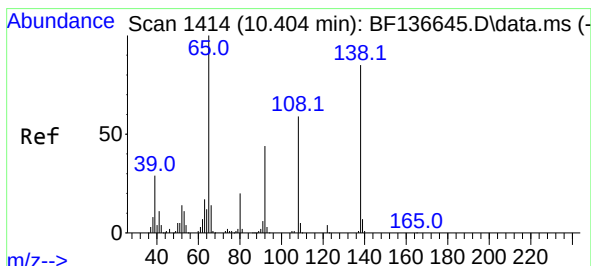
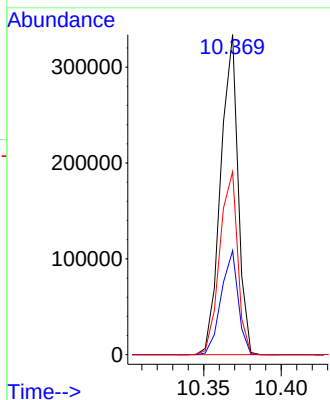
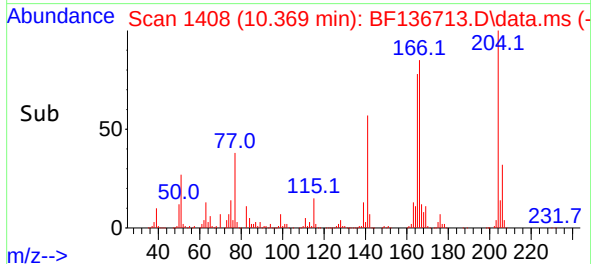
Instrument :
BNA_F
ClientSampleId :
PB157949BS



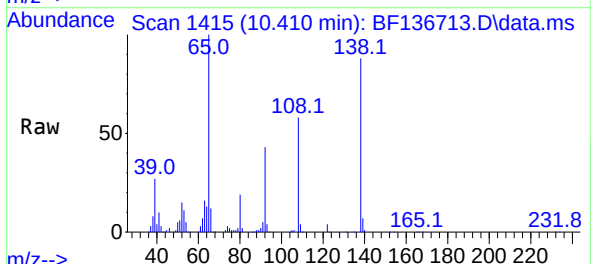
Tgt Ion:204 Resp: 260428
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 57.2 48.4 72.6

Manual Integrations
APPROVED

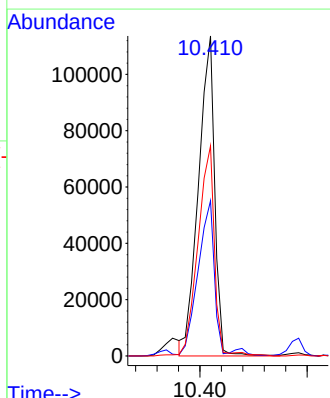
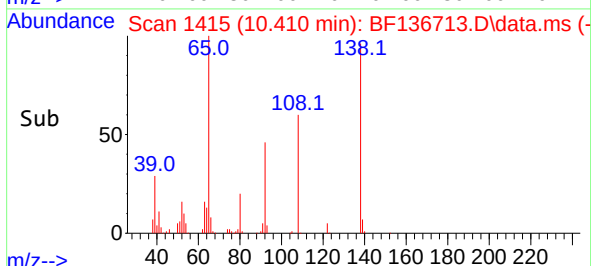
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

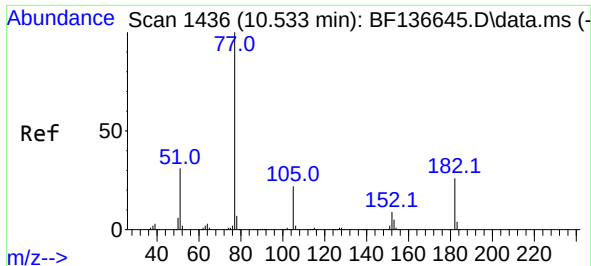


#62
4-Nitroaniline
Concen: 36.793 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:138 Resp: 119414
Ion Ratio Lower Upper
138 100
92 48.5 32.1 72.1
108 65.7 50.1 90.1





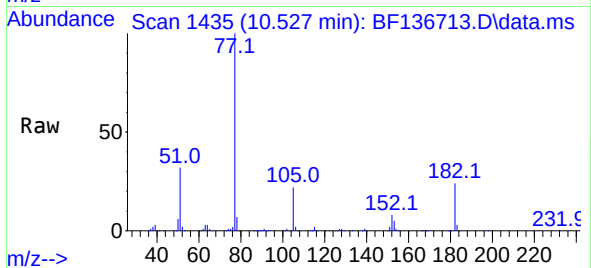
#63
Azobenzene
Concen: 39.139 ng
RT: 10.527 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

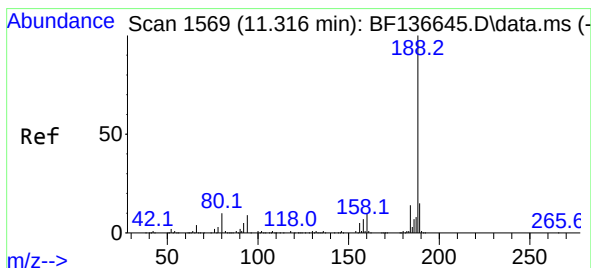
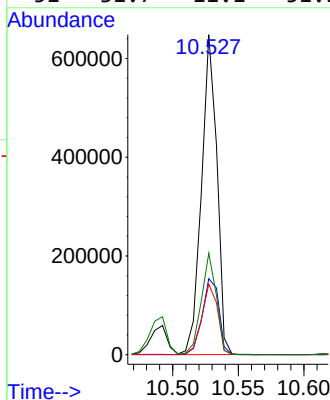
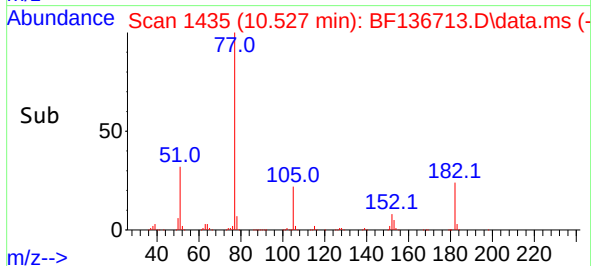


Tgt Ion: 77 Resp: 531148
Ion Ratio Lower Upper
77 100
182 23.8 6.0 46.0
105 22.0 2.3 42.3
51 31.7 11.1 51.1

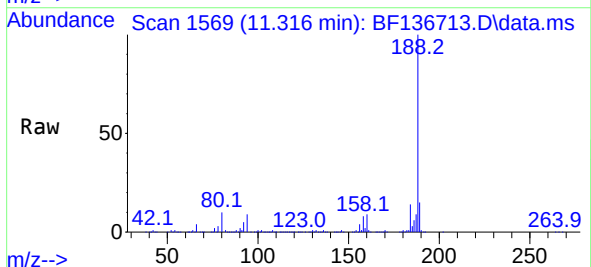
Manual Integrations

APPROVED

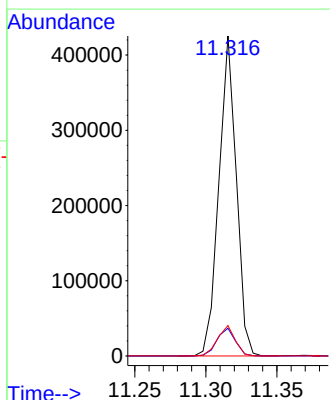
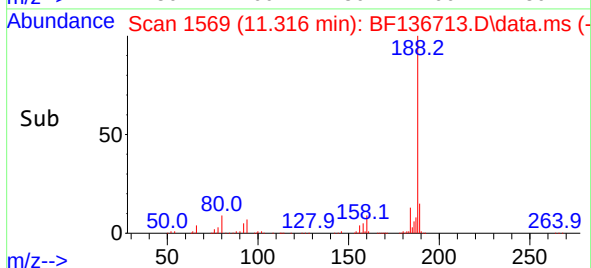
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

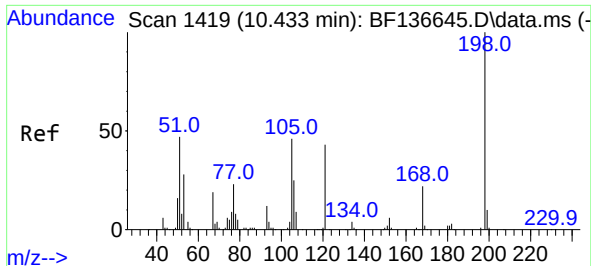


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:188 Resp: 362486
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 9.5 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 45.841 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

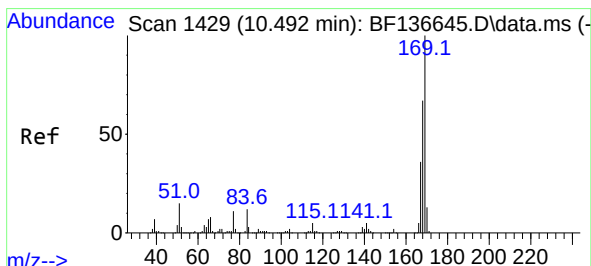
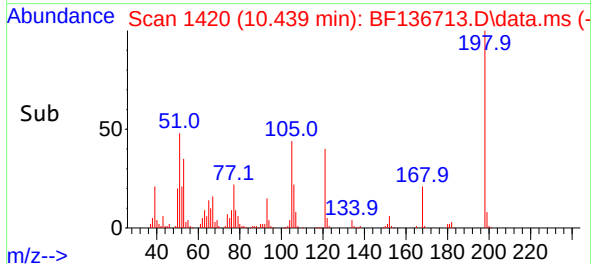
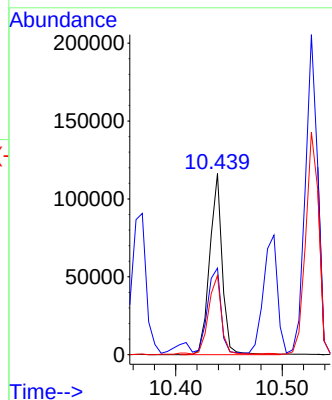
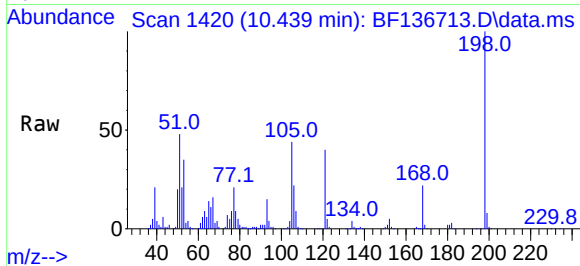
PB157949BS

Tgt Ion:198 Resp: 95230
Ion Ratio Lower Upper
198 100
51 47.7 34.1 74.1
105 43.7 27.3 67.3

Manual Integrations

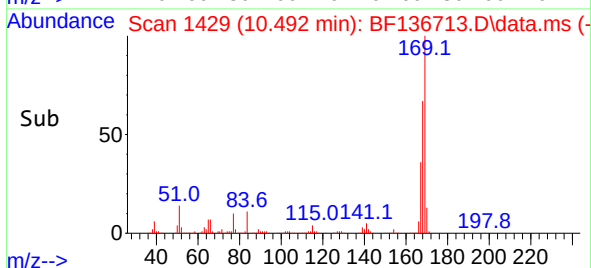
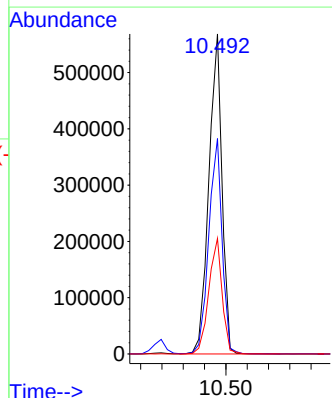
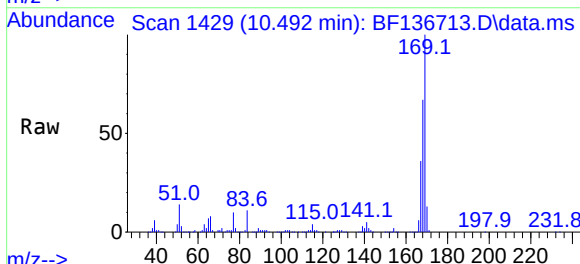
APPROVED

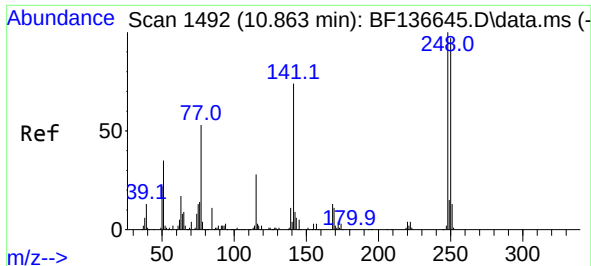
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#66
n-Nitrosodiphenylamine
Concen: 41.489 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:169 Resp: 488538
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.203 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

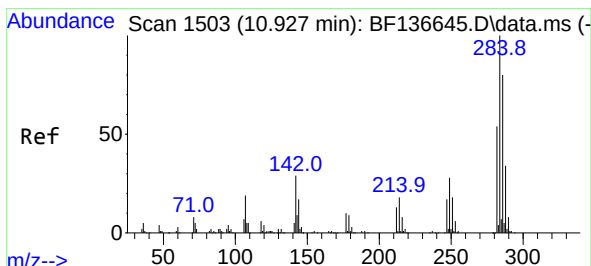
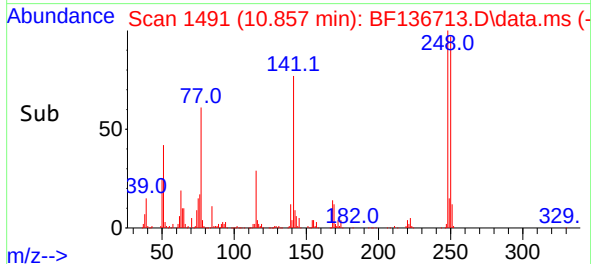
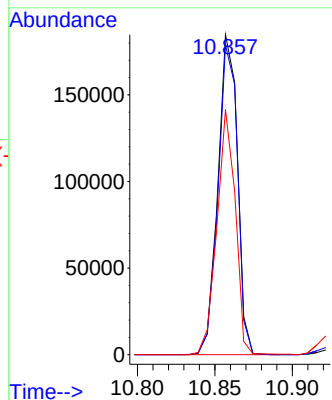
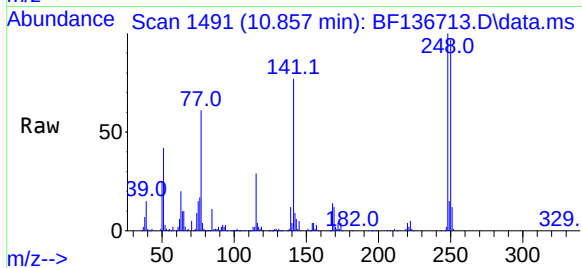
ClientSampleId :

PB157949BS

Tgt Ion:248 Resp: 16184
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 76.6 59.2 88.8

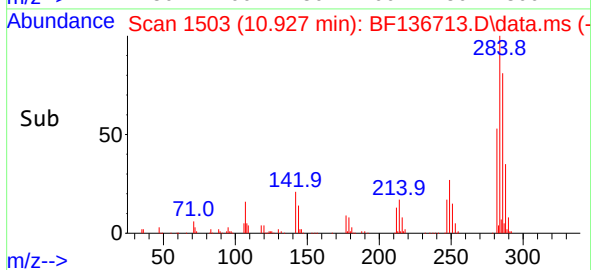
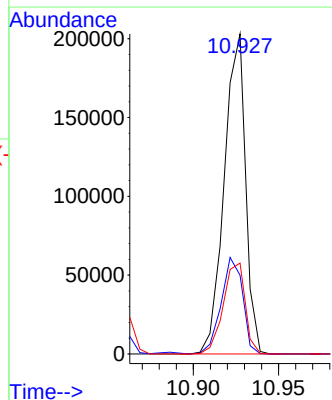
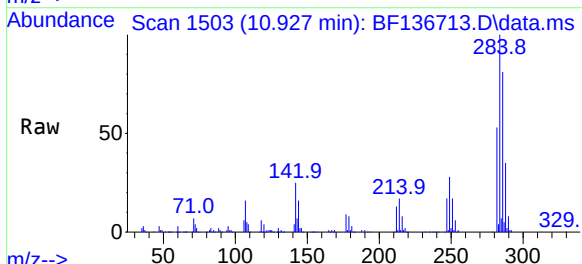
Manual Integrations
APPROVED

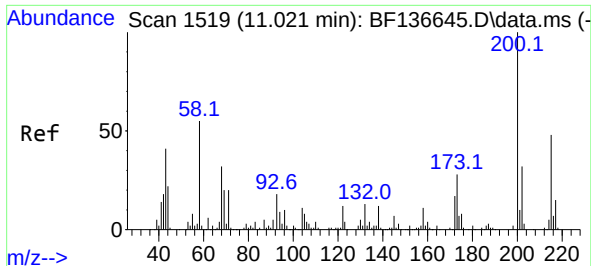
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#68
Hexachlorobenzene
Concen: 39.361 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:284 Resp: 176583
Ion Ratio Lower Upper
284 100
142 24.6 23.4 35.0
249 28.4 22.3 33.5





#69
Atrazine
Concen: 60.960 ng
RT: 11.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

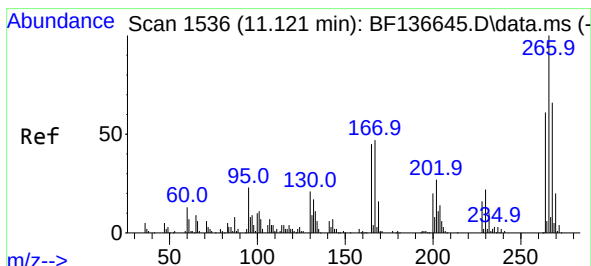
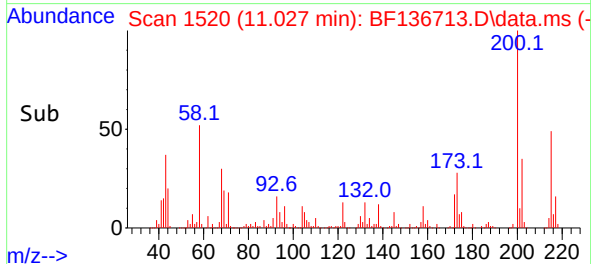
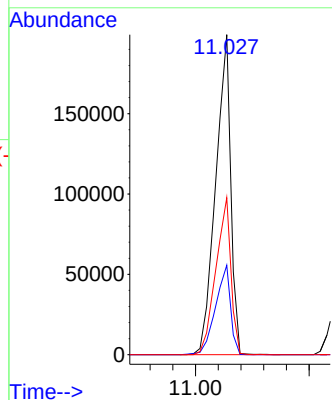
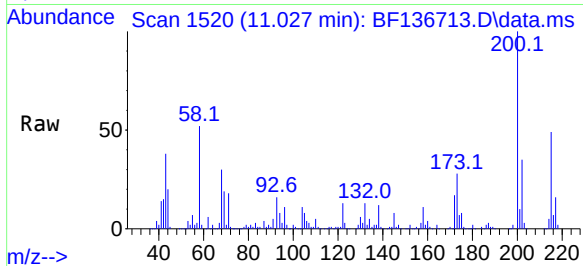
PB157949BS

Tgt Ion:200 Resp: 18359
Ion Ratio Lower Upper
200 100
173 27.9 7.6 47.6
215 49.1 28.3 68.3

Manual Integrations

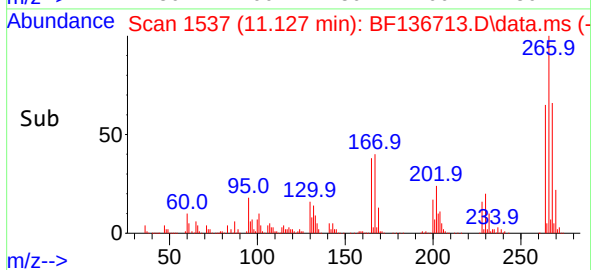
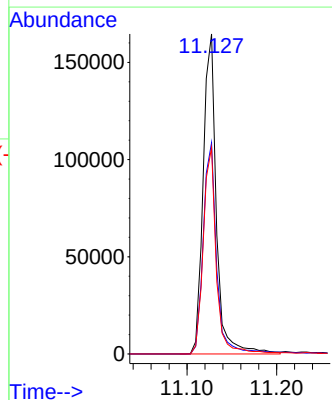
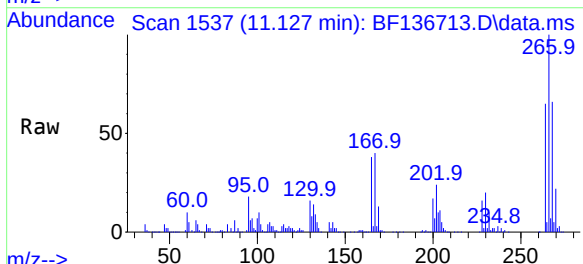
APPROVED

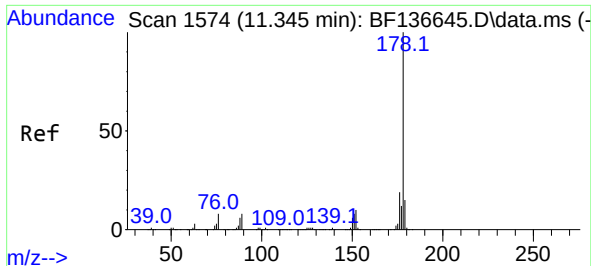
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#70
Pentachlorophenol
Concen: 80.770 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

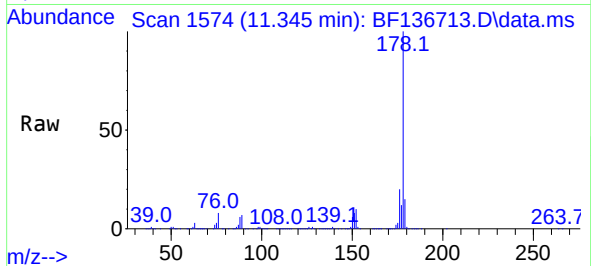
Tgt Ion:266 Resp: 168899
Ion Ratio Lower Upper
266 100
268 66.0 52.6 78.8
264 64.5 49.0 73.4





#71
Phenanthrene
Concen: 41.347 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

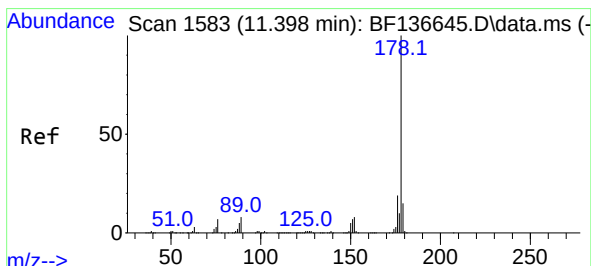
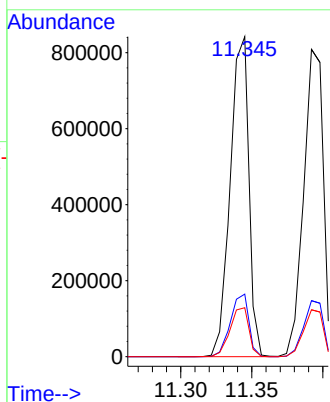
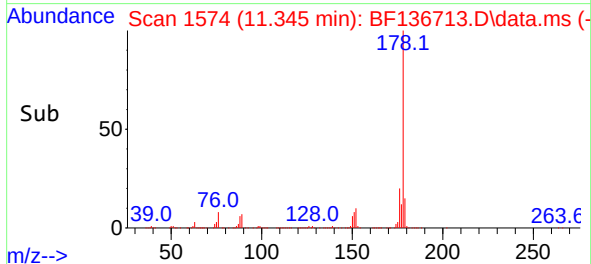
Instrument :
BNA_F
ClientSampleId :
PB157949BS



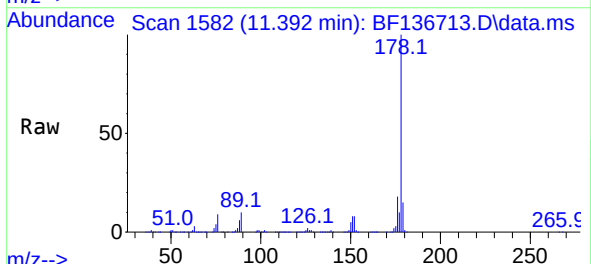
Tgt Ion:178 Resp: 769035
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.3 11.9 17.9

Manual Integrations
APPROVED

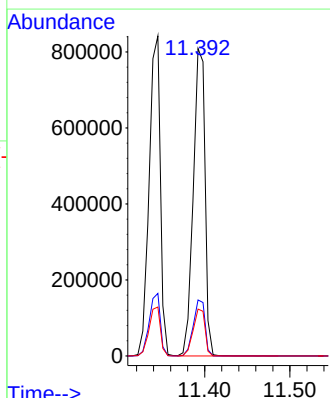
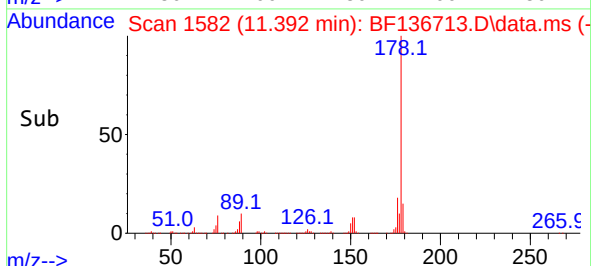
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

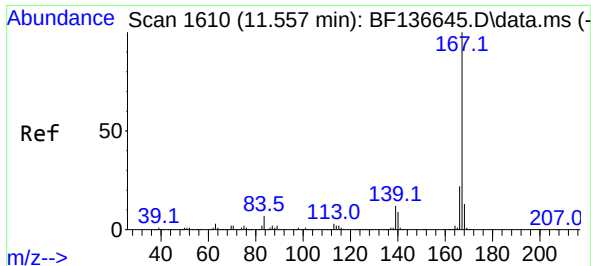


#72
Anthracene
Concen: 41.199 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:178 Resp: 776029
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 15.2 11.8 17.6





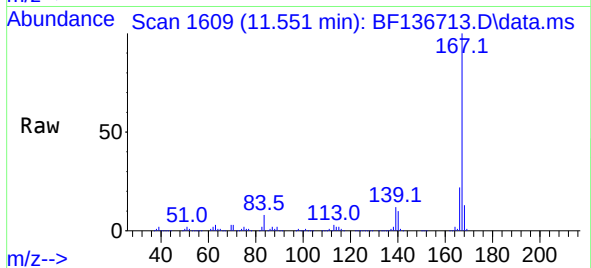
#73
 Carbazole
 Concen: 40.303 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136713.D
 Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

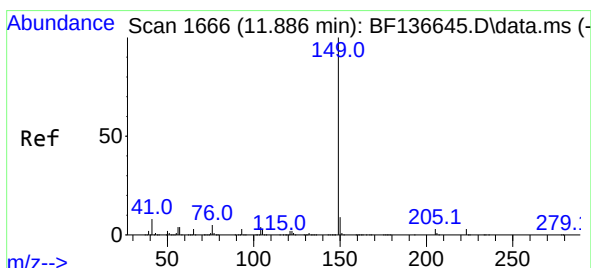
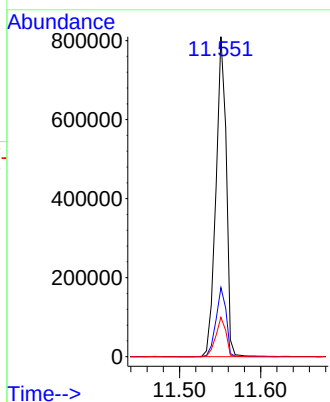
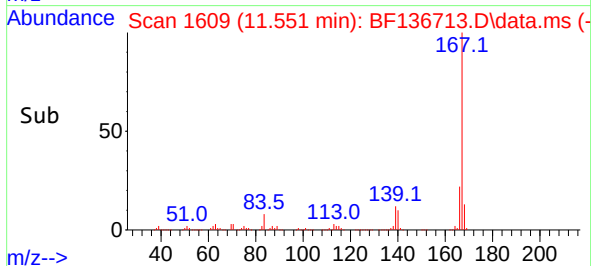


Tgt Ion:167 Resp: 71574
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.3 9.8 14.6

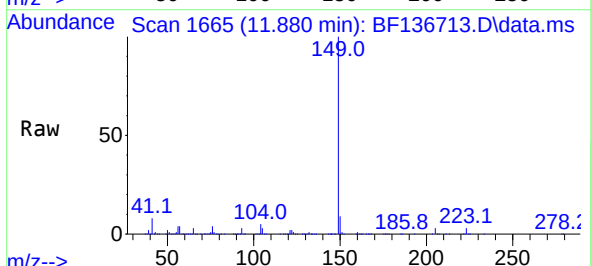
Manual Integrations

APPROVED

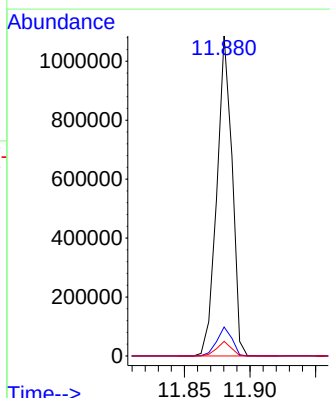
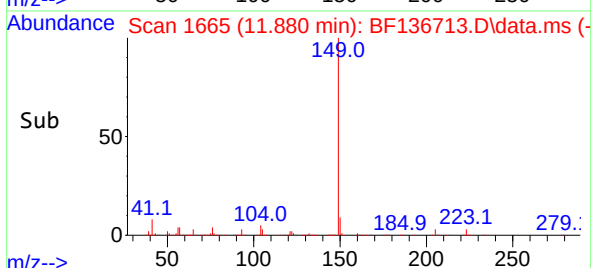
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

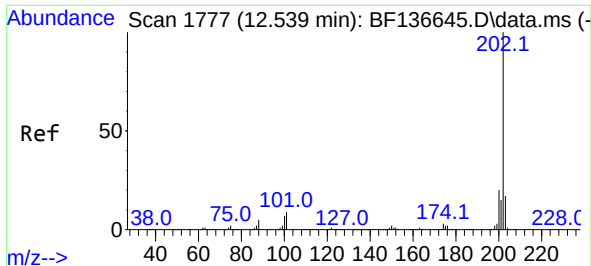


#74
 Di-n-butylphthalate
 Concen: 40.230 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136713.D
 Acq: 26 Dec 2023 11:47



Tgt Ion:149 Resp: 871800
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.5 3.6 5.4





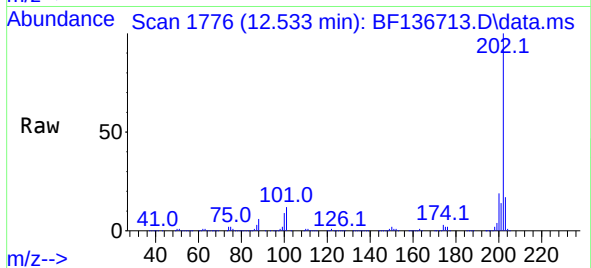
#75
Fluoranthene
Concen: 39.057 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

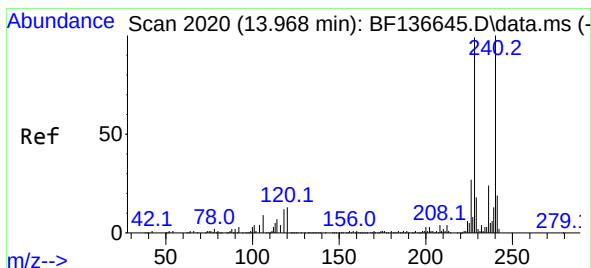
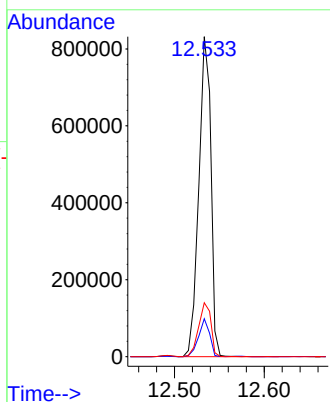
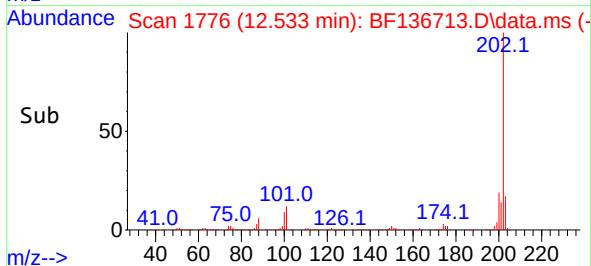


Tgt Ion:202 Resp: 777049
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.3
203 16.9 0.0 37.1

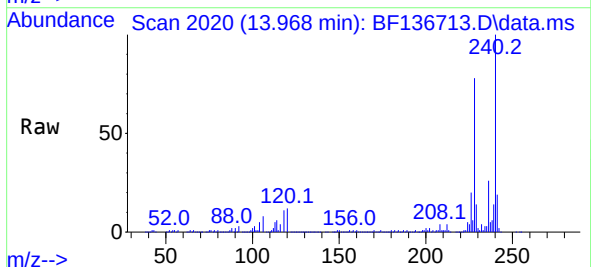
Manual Integrations

APPROVED

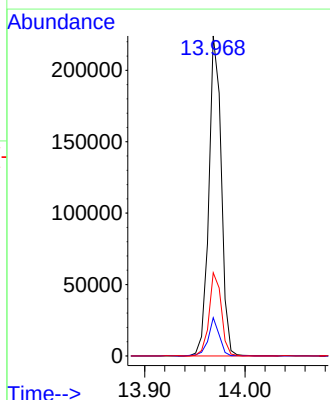
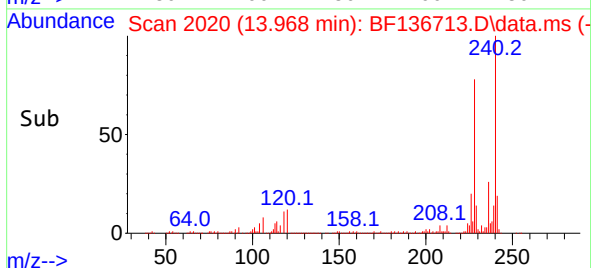
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

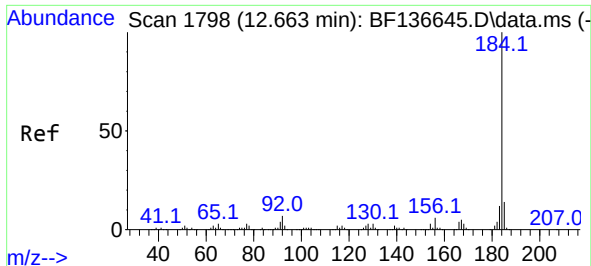


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:240 Resp: 193699
Ion Ratio Lower Upper
240 100
120 12.0 10.3 15.5
236 26.0 19.4 29.2





#77
Benzidine
Concen: 10.417 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

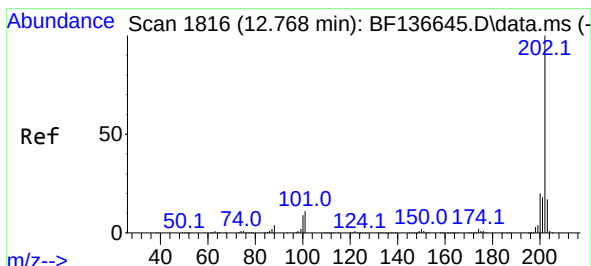
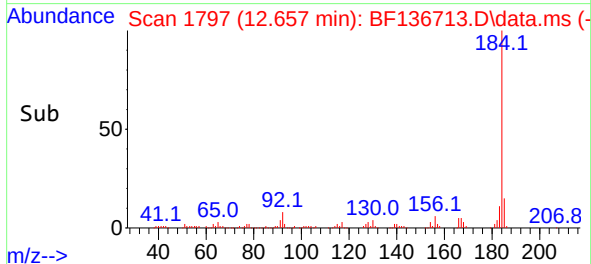
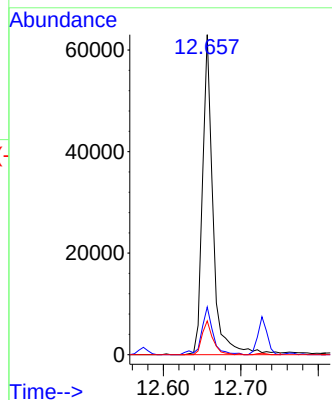
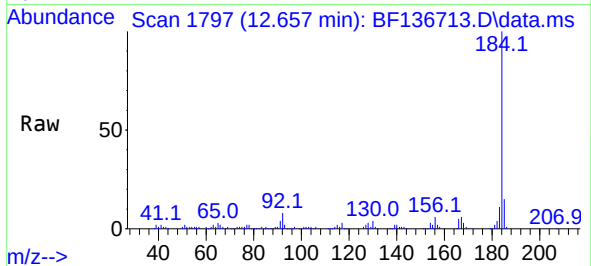
PB157949BS

Tgt Ion:184 Resp: 59490
Ion Ratio Lower Upper
184 100
185 14.9 11.2 16.8
183 10.6 9.3 13.9

Manual Integrations

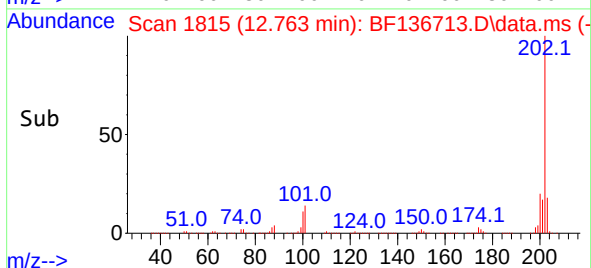
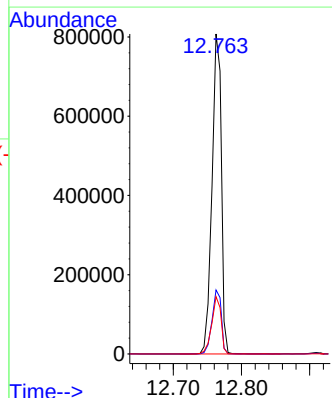
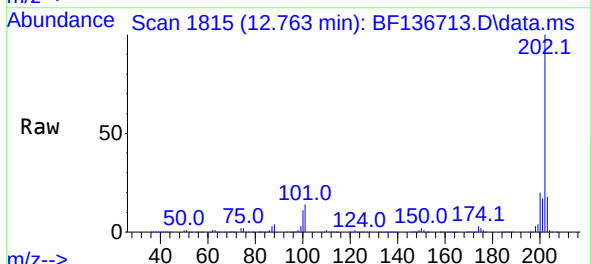
APPROVED

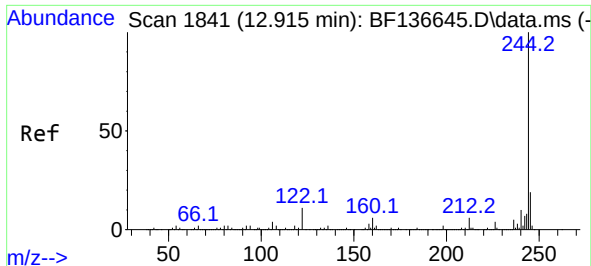
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#78
Pyrene
Concen: 40.585 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:202 Resp: 771720
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.9 13.8 20.6





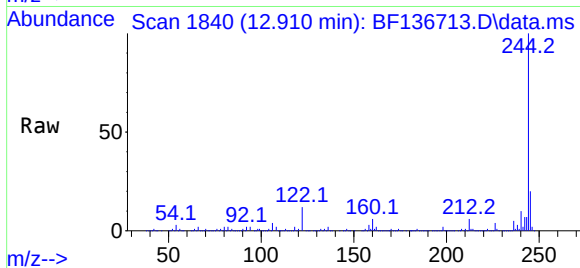
#79
Terphenyl-d14
Concen: 77.217 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

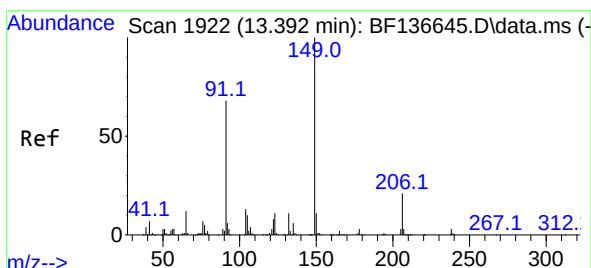
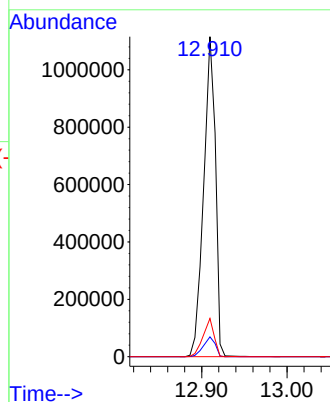
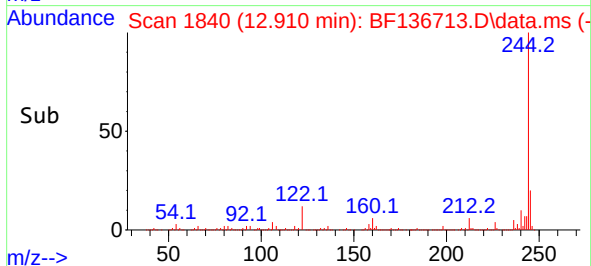


Tgt Ion:244 Resp: 107027
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.9 9.0 13.4

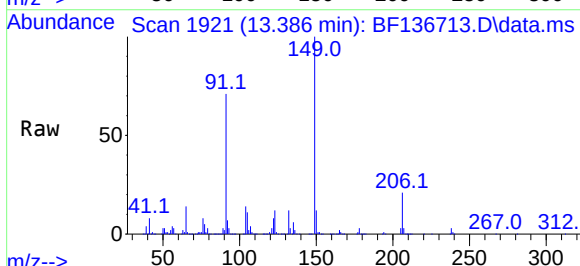
Manual Integrations

APPROVED

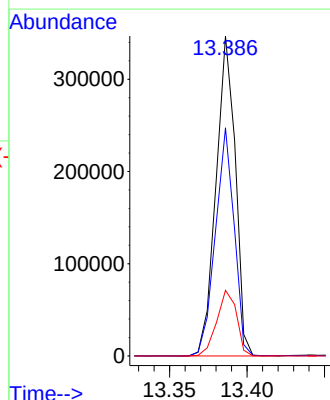
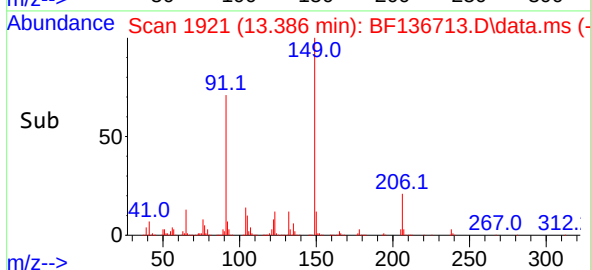
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

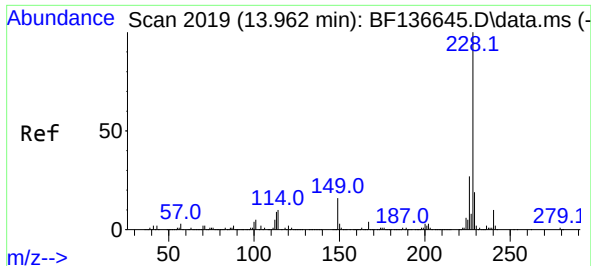


#80
Butylbenzylphthalate
Concen: 43.479 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:149 Resp: 300832
Ion Ratio Lower Upper
149 100
91 71.3 54.1 81.1
206 20.5 17.1 25.7





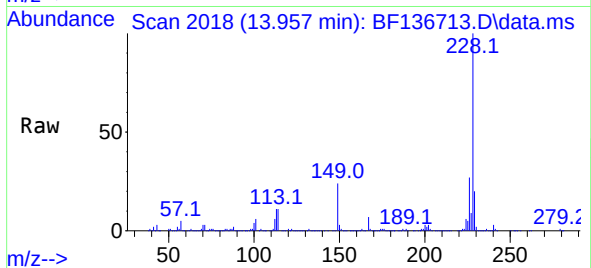
#81
Benzo(a)anthracene
Concen: 41.955 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

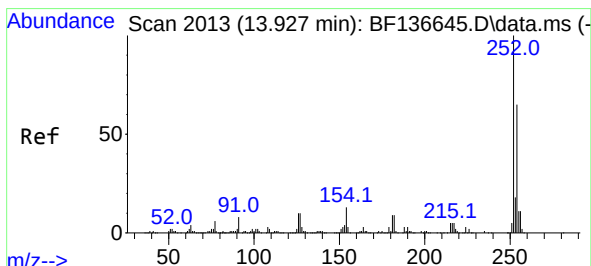
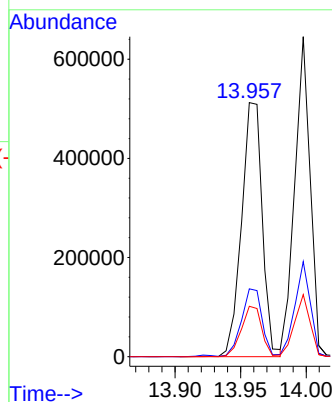
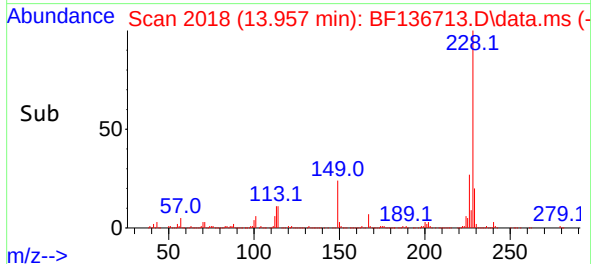


Tgt Ion:228 Resp: 564300
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 19.8 14.9 22.3

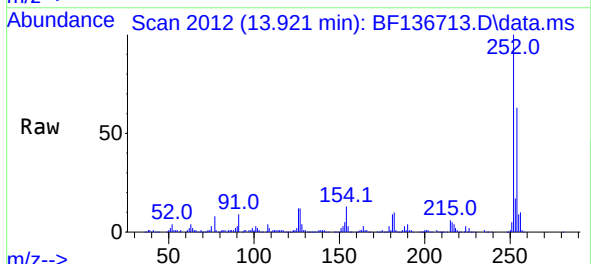
Manual Integrations

APPROVED

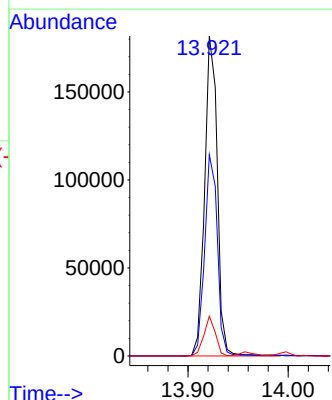
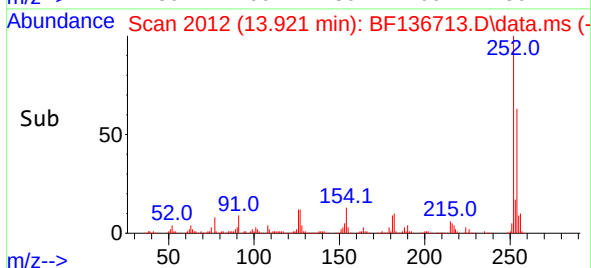
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

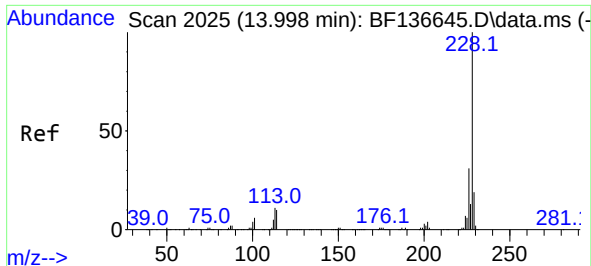


#82
3,3'-Dichlorobenzidine
Concen: 42.049 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:252 Resp: 160617
Ion Ratio Lower Upper
252 100
254 62.9 52.2 78.4
126 12.5 8.0 12.0#





#83
Chrysene
Concen: 40.260 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

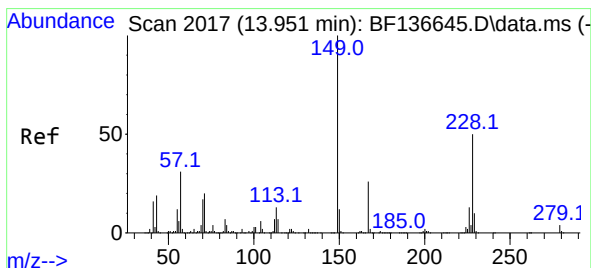
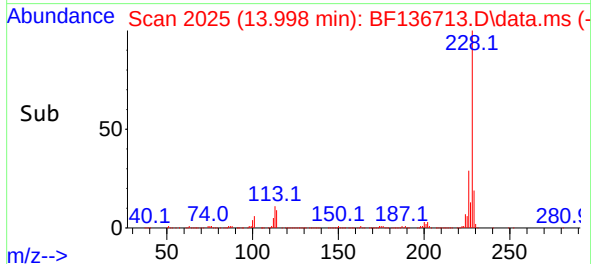
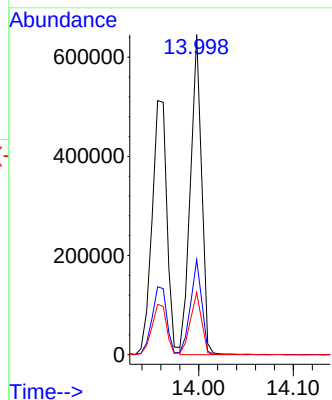
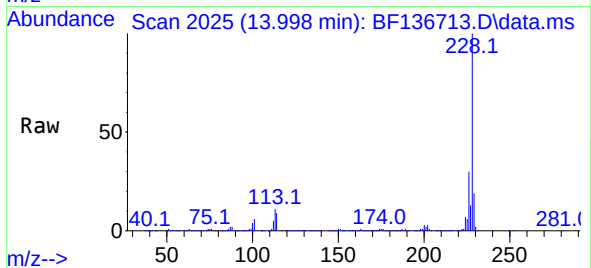
PB157949BS

Tgt Ion:228 Resp: 529534
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 19.4 15.4 23.0

Manual Integrations

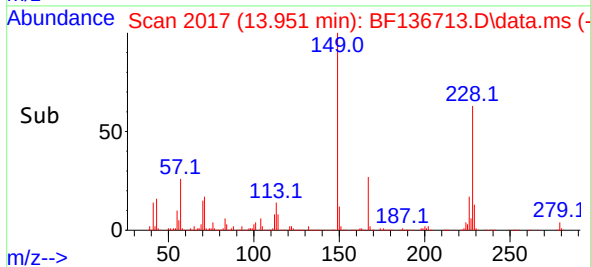
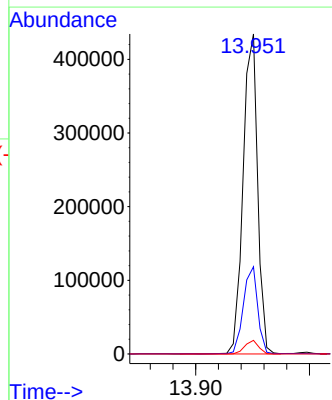
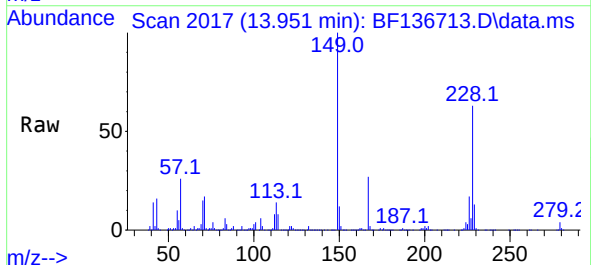
APPROVED

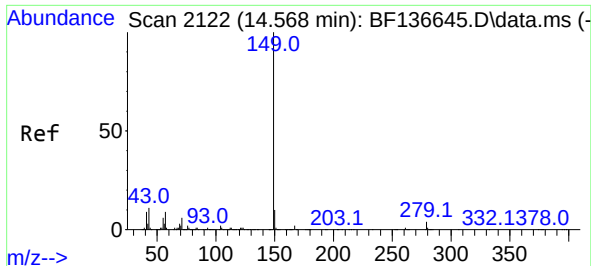
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.224 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:149 Resp: 384979
Ion Ratio Lower Upper
149 100
167 27.2 20.9 31.3
279 4.2 2.9 4.3





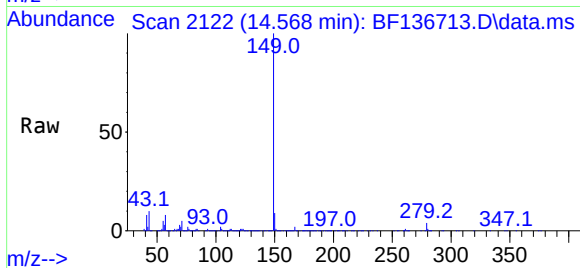
#85
Di-n-octyl phthalate
Concen: 45.757 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

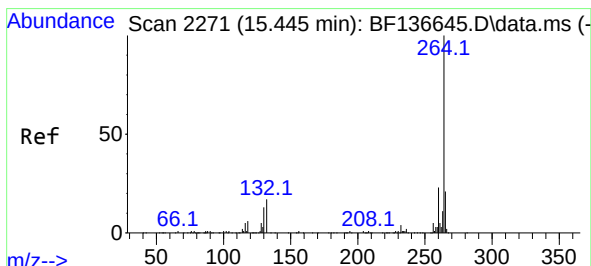
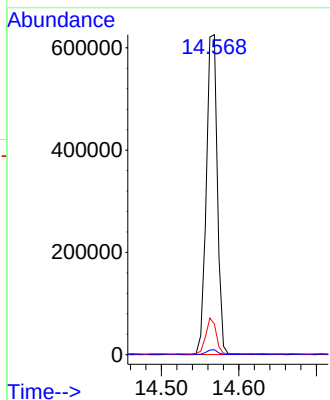
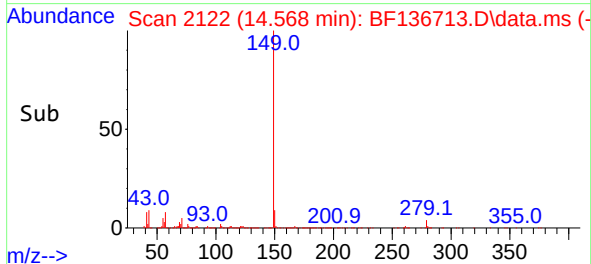


Tgt Ion:149 Resp: 616149
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.9 13.3

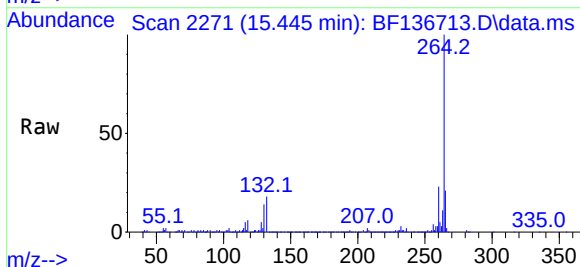
Manual Integrations

APPROVED

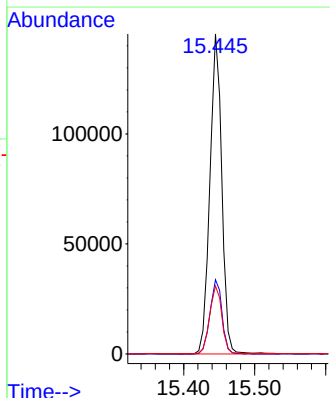
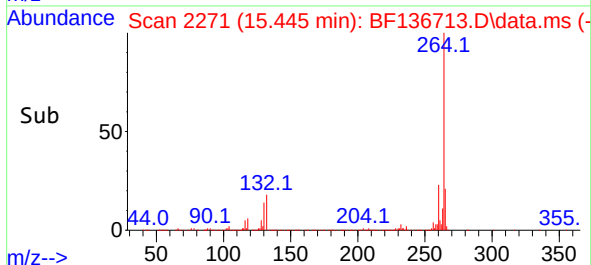
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

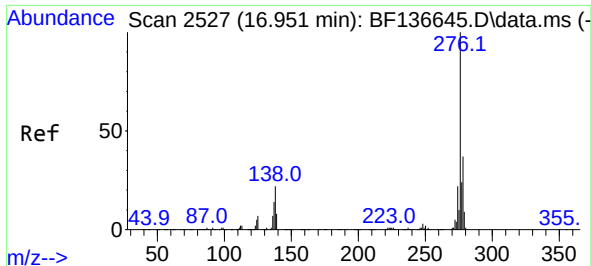


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:264 Resp: 169585
Ion Ratio Lower Upper
264 100
260 23.2 18.3 27.5
265 21.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.418 ng
RT: 16.962 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

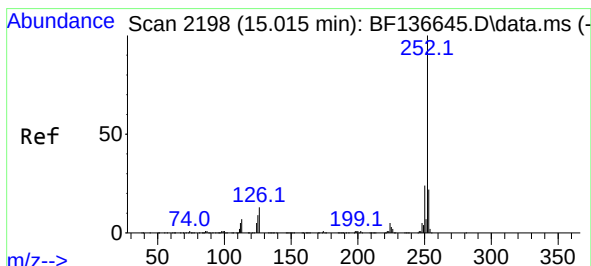
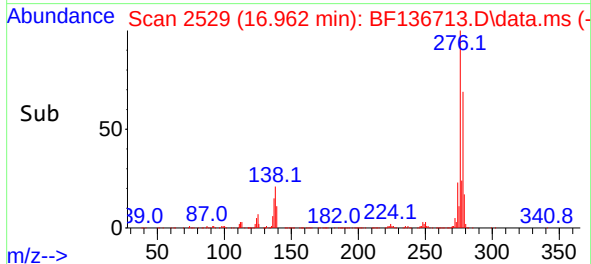
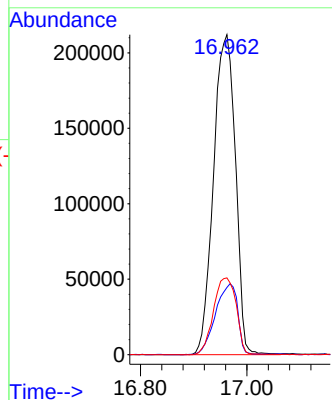
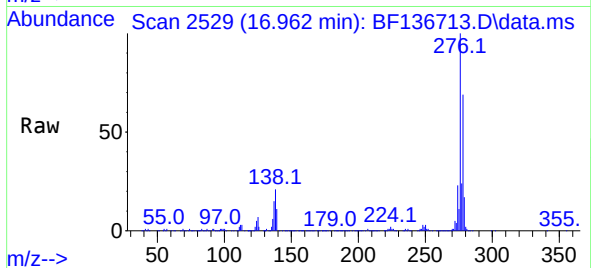
PB157949BS

Tgt Ion:276 Resp: 605089
Ion Ratio Lower Upper
276 100
138 22.4 18.7 28.1
277 25.0 20.2 30.2

Manual Integrations

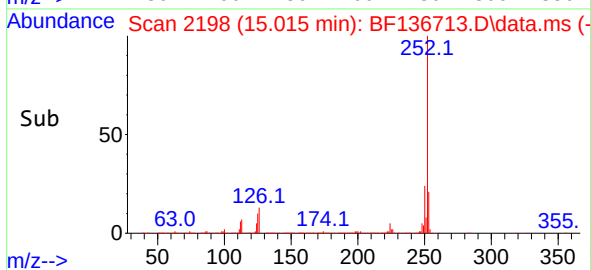
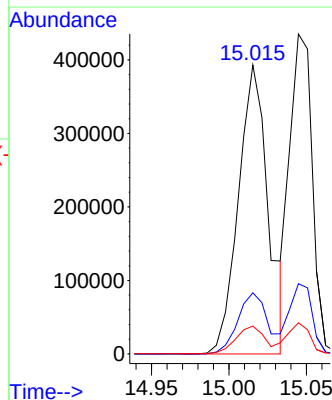
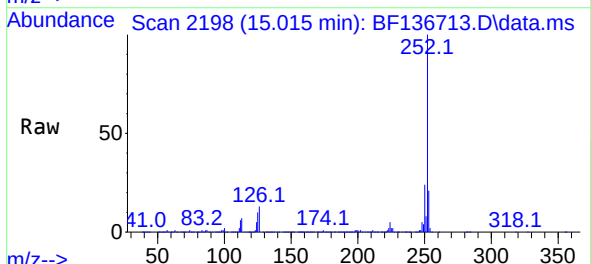
APPROVED

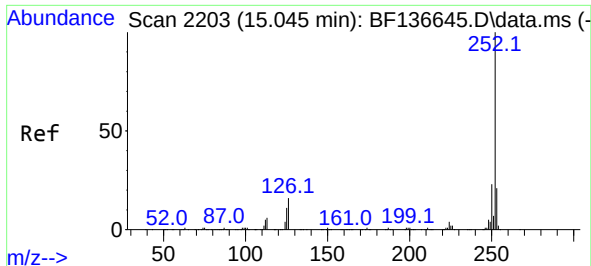
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#88
Benzo(b)fluoranthene
Concen: 46.412 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Tgt Ion:252 Resp: 525691
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 9.6 7.4 11.2





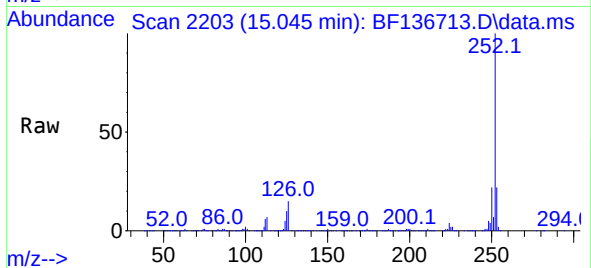
#89
Benzo(k)fluoranthene
Concen: 41.536 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

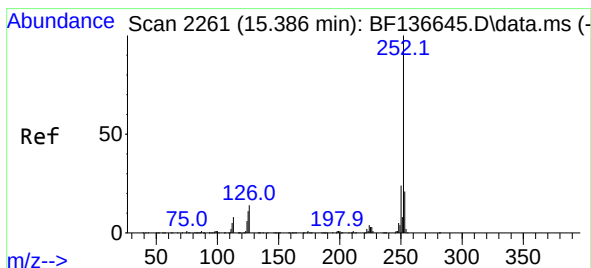
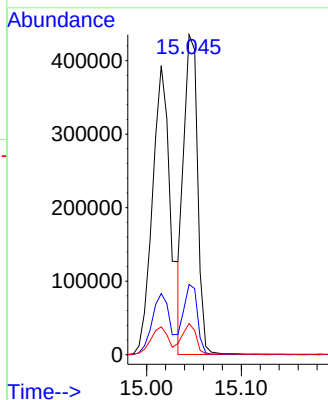
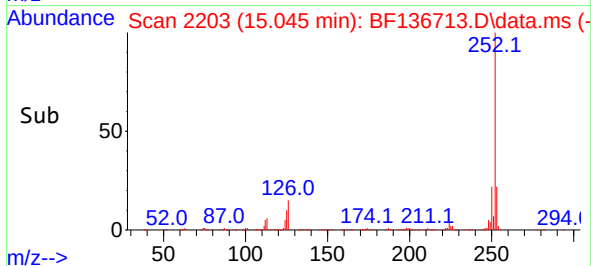


Tgt Ion:252 Resp: 444540
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.8 8.2 12.4

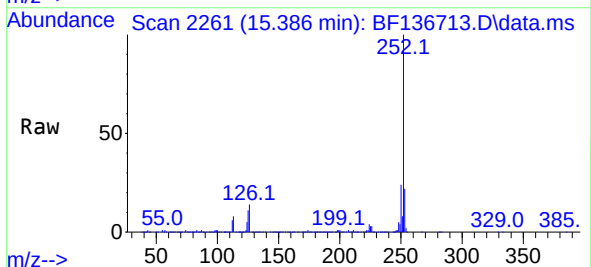
Manual Integrations

APPROVED

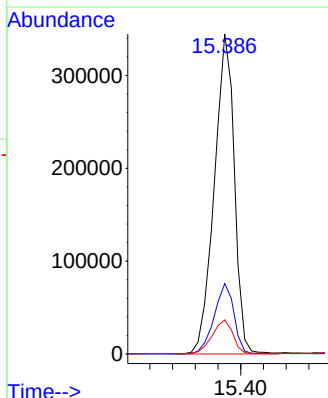
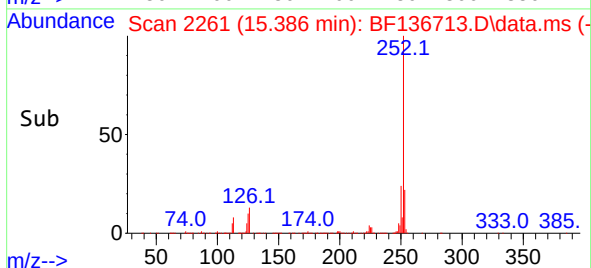
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

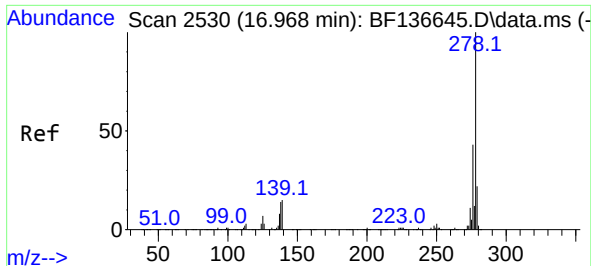


#90
Benzo(a)pyrene
Concen: 44.265 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:252 Resp: 423217
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.7 8.8 13.2





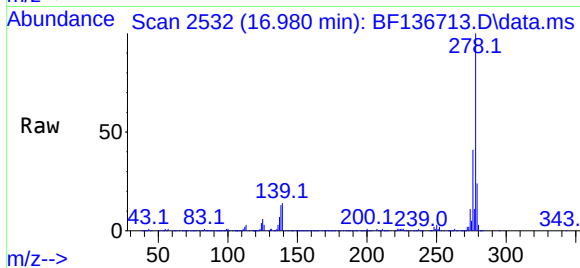
#91
Dibenzo(a,h)anthracene
Concen: 50.298 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB157949BS

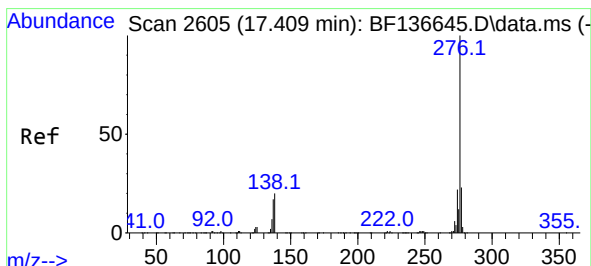
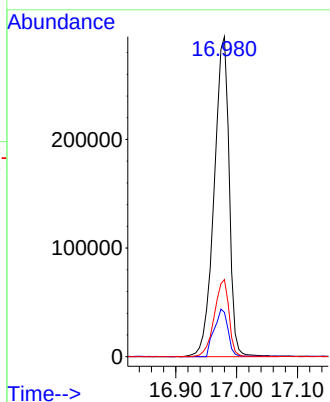
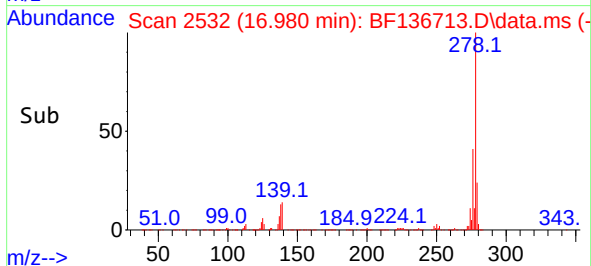


Tgt Ion:278 Resp: 505258
Ion Ratio Lower Upper
278 100
139 13.8 12.2 18.4
279 24.1 17.8 26.6

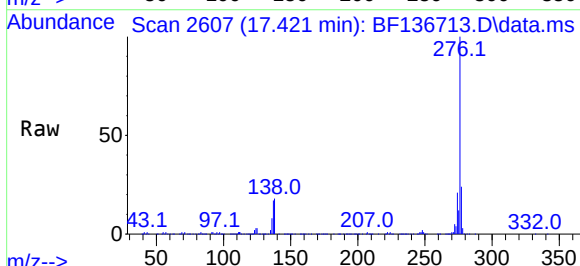
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#92
Benzo(g,h,i)perylene
Concen: 49.814 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF136713.D
Acq: 26 Dec 2023 11:47



Tgt Ion:276 Resp: 512506
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 18.2 15.6 23.4

