

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136253.D
 Acq On : 28 Nov 2023 17:17
 Operator : CG\JU
 Sample : PB157378BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 00:46:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	148373	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	642815	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	322579	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	587407	20.000	ng	0.00
76) Chrysene-d12	13.986	240	273930	20.000	ng	0.00
86) Perylene-d12	15.462	264	271708	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1409748	132.245	ng	0.01
7) Phenol-d6	6.451	99	1691763	126.923	ng	0.00
23) Nitrobenzene-d5	7.369	82	1038439	85.366	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	530104	134.415	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2168826	85.878	ng	0.00
79) Terphenyl-d14	12.933	244	2108239	88.776	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	158621	39.326	ng	100
3) Pyridine	3.434	79	352123	35.365	ng	98
4) n-Nitrosodimethylamine	3.398	42	214537	42.626	ng	98
6) Aniline	6.475	93	501328	39.793	ng	96
8) 2-Chlorophenol	6.592	128	525974	45.315	ng	95
9) Benzaldehyde	6.357	77	84648	11.394	ng	94
10) Phenol	6.463	94	647887	45.307	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	470481	44.849	ng	95
12) 1,3-Dichlorobenzene	6.745	146	559955	42.510	ng	97
13) 1,4-Dichlorobenzene	6.822	146	571515	42.680	ng	97
14) 1,2-Dichlorobenzene	6.975	146	533129	42.055	ng	98
15) Benzyl Alcohol	6.951	79	412411	44.130	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	634583	43.550	ng	99
17) 2-Methylphenol	7.063	107	415452	45.527	ng	100
18) Hexachloroethane	7.316	117	198162	42.189	ng	91
19) n-Nitroso-di-n-propyla...	7.222	70	352676	44.240	ng	98
20) 3+4-Methylphenols	7.216	107	529193	44.621	ng	92
22) Acetophenone	7.216	105	754547	44.694	ng	# 98
24) Nitrobenzene	7.386	77	528540	42.875	ng	99
25) Isophorone	7.628	82	970276	44.235	ng	99
26) 2-Nitrophenol	7.698	139	257019	48.934	ng	96
27) 2,4-Dimethylphenol	7.739	122	440727	63.751	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	586538	44.208	ng	100
29) 2,4-Dichlorophenol	7.939	162	421532	45.206	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	490904	42.999	ng	98
31) Naphthalene	8.104	128	1585616	43.885	ng	99
32) Benzoic acid	7.875	122	295230	46.858	ng	92
33) 4-Chloroaniline	8.157	127	433339	35.284	ng	98
34) Hexachlorobutadiene	8.222	225	277905	41.608	ng	99
35) Caprolactam	8.533	113	122343m	46.933	ng	
36) 4-Chloro-3-methylphenol	8.639	107	451841	44.678	ng	99
37) 2-Methylnaphthalene	8.798	142	983106	43.376	ng	99
38) 1-Methylnaphthalene	8.898	142	924564	41.817	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	465673	45.360	ng	99
41) Hexachlorocyclopentadiene	8.951	237	548420	138.832	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	310357	46.576	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	319817	43.981	ng	98
46) 1,1'-Biphenyl	9.263	154	1305954	45.909	ng	98
47) 2-Chloronaphthalene	9.286	162	962194	43.556	ng	98
48) 2-Nitroaniline	9.386	65	268566	46.564	ng	95
49) Acenaphthylene	9.704	152	1465506	46.486	ng	100
50) Dimethylphthalate	9.575	163	1136107	46.598	ng	100
51) 2,6-Dinitrotoluene	9.633	165	230108	46.198	ng	93
52) Acenaphthene	9.880	154	890706	44.709	ng	99
53) 3-Nitroaniline	9.798	138	191992	38.847	ng	99
54) 2,4-Dinitrophenol	9.910	184	234773	101.346	ng	92
55) Dibenzofuran	10.051	168	1333994	44.998	ng	100
56) 4-Nitrophenol	9.969	139	314927	83.900	ng	# 84
57) 2,4-Dinitrotoluene	10.039	165	304894	45.826	ng	99
58) Fluorene	10.392	166	1024509	44.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	273405	47.255	ng	100
60) Diethylphthalate	10.274	149	1093572	44.839	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	497157	44.024	ng	95
62) 4-Nitroaniline	10.422	138	198239	40.978	ng	98
63) Azobenzene	10.551	77	1001358	44.288	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	156103	48.597	ng	93
66) n-Nitrosodiphenylamine	10.510	169	898074	47.708	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	318177	46.429	ng	95
68) Hexachlorobenzene	10.939	284	360909	45.503	ng	# 94
69) Atrazine	11.039	200	171385	30.691	ng	98
70) Pentachlorophenol	11.139	266	370760	82.697	ng	97
71) Phenanthrene	11.357	178	1525006	46.191	ng	99
72) Anthracene	11.410	178	1550825	46.841	ng	100
73) Carbazole	11.569	167	1200164	42.621	ng	99
74) Di-n-butylphthalate	11.904	149	1600047	45.414	ng	100
75) Fluoranthene	12.551	202	1378107	41.118	ng	98
77) Benzidine	12.674	184	178622	39.668	ng	99
78) Pyrene	12.780	202	1369474	45.649	ng	100
80) Butylbenzylphthalate	13.410	149	436667	46.769	ng	97
81) Benzo(a)anthracene	13.974	228	922752	45.352	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	275296	56.209	ng	96
83) Chrysene	14.010	228	883377	44.966	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	554753	49.508	ng	100
85) Di-n-octyl phthalate	14.592	149	959099	52.196	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	937247	46.251	ng	100
88) Benzo(b)fluoranthene	15.033	252	867389	45.502	ng	99
89) Benzo(k)fluoranthene	15.062	252	886773	48.980	ng	100
90) Benzo(a)pyrene	15.404	252	750862	48.184	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	754830	46.403	ng	99
92) Benzo(g,h,i)perylene	17.433	276	741851	45.459	ng	98

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

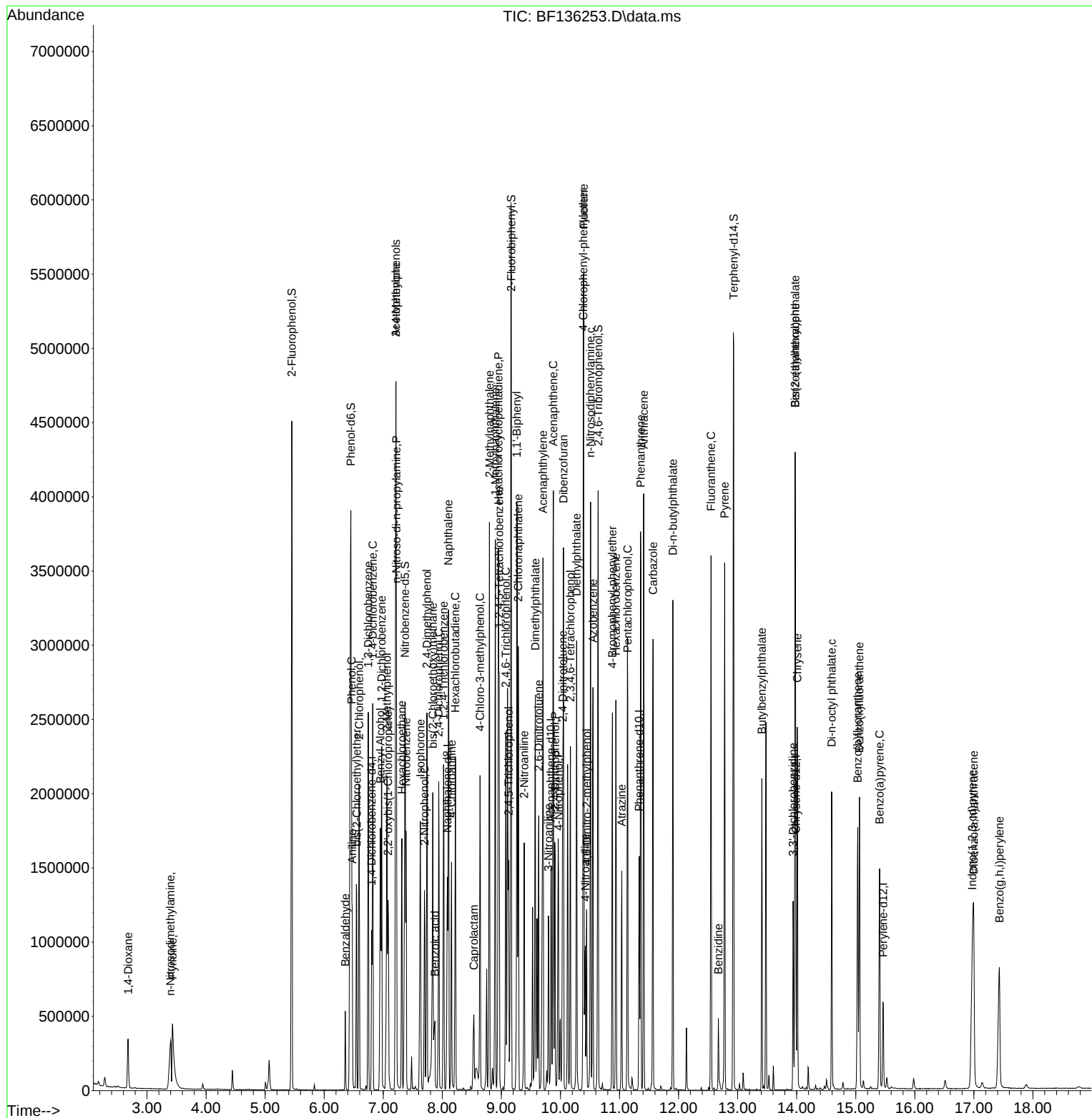
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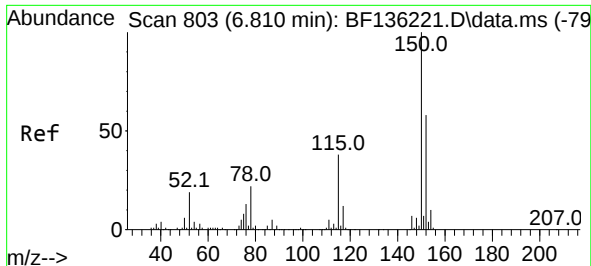
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

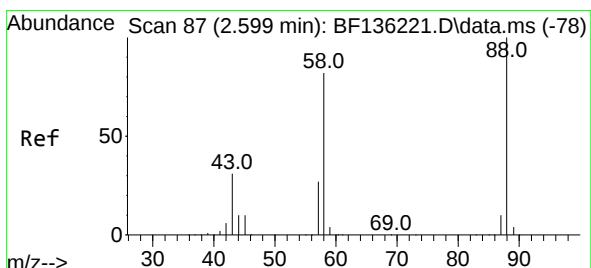
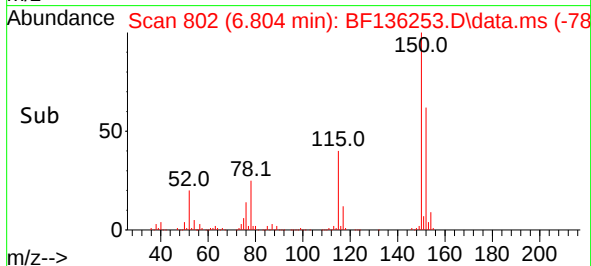
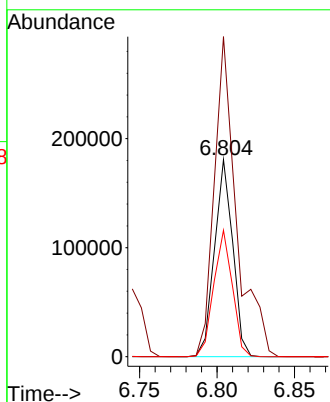
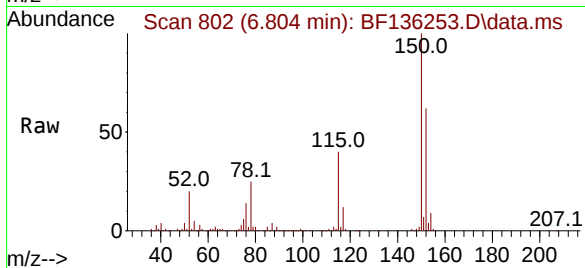
ClientSampleId :

PB157378BS

Tgt Ion:152 Resp: 14837
Ion Ratio Lower Upper
152 100
150 162.3 137.8 206.8
115 64.2 52.7 79.1

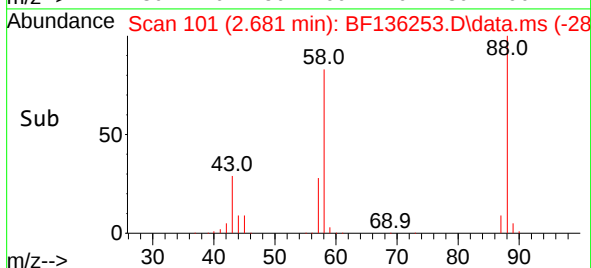
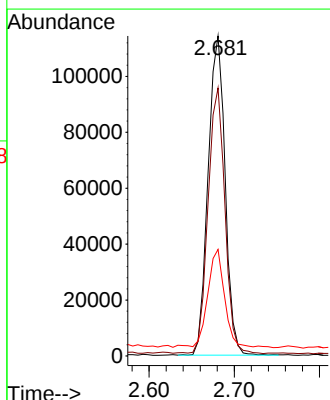
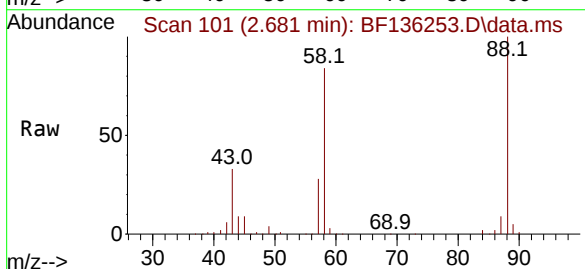
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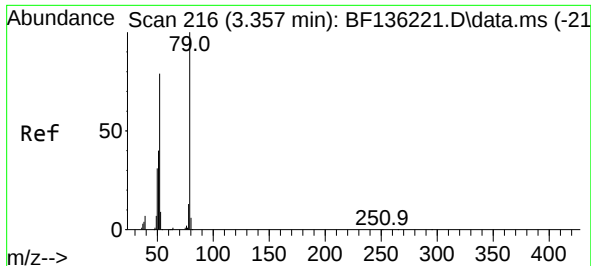
Reviewed By :Yogesh Patel 12/01/2023
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#2
1,4-Dioxane
Concen: 39.326 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.082 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

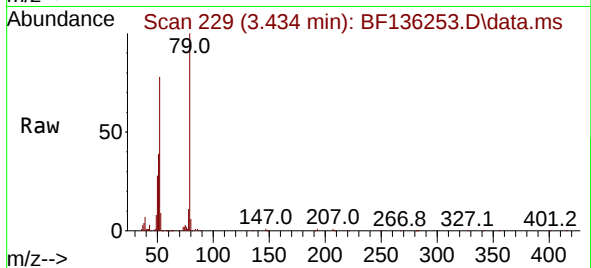
Tgt Ion: 88 Resp: 158621
Ion Ratio Lower Upper
88 100
58 82.5 65.9 98.9
43 30.3 24.8 37.2





#3
Pyridine
Concen: 35.365 ng
RT: 3.434 min Scan# 216
Delta R.T. 0.076 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

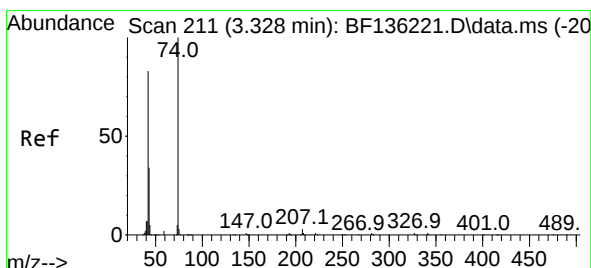
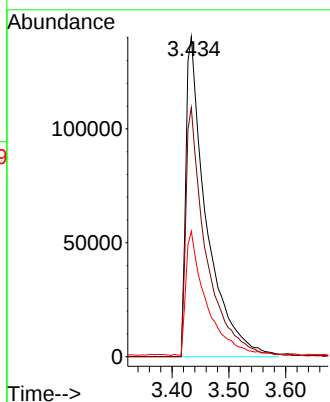
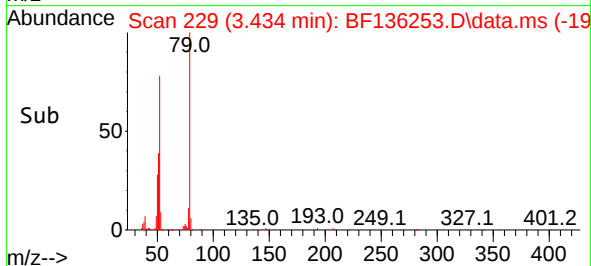
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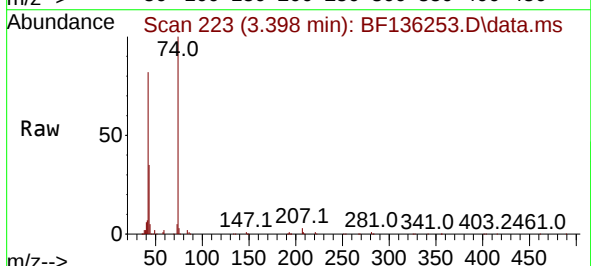
Tgt Ion: 79 Resp: 35212
Ion Ratio Lower Upper
79 100
52 77.8 63.2 94.8
51 39.2 32.6 49.0

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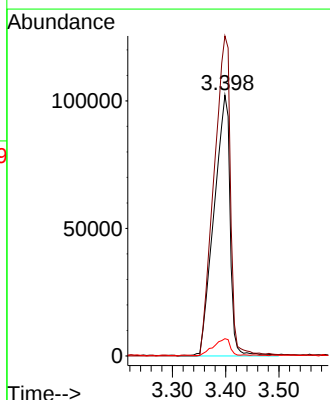
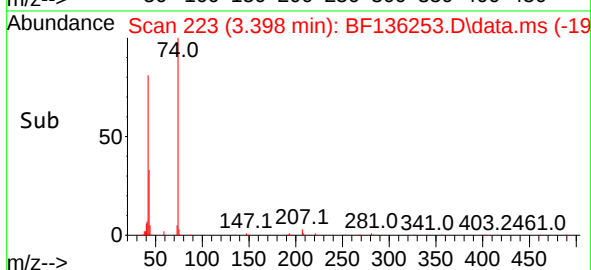
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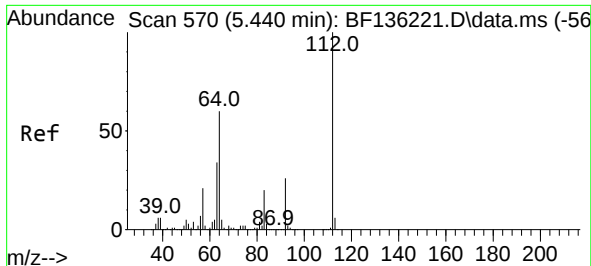


#4
n-Nitrosodimethylamine
Concen: 42.626 ng
RT: 3.398 min Scan# 223
Delta R.T. 0.071 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion: 42 Resp: 214537
Ion Ratio Lower Upper
42 100
74 122.7 96.6 144.8
44 6.6 5.4 8.2





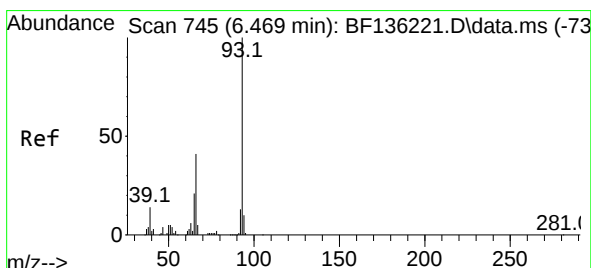
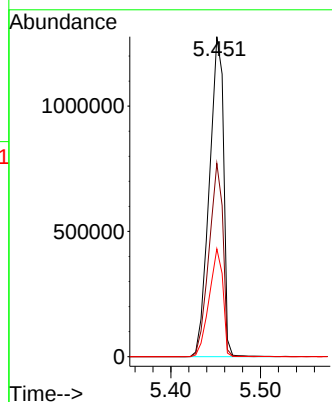
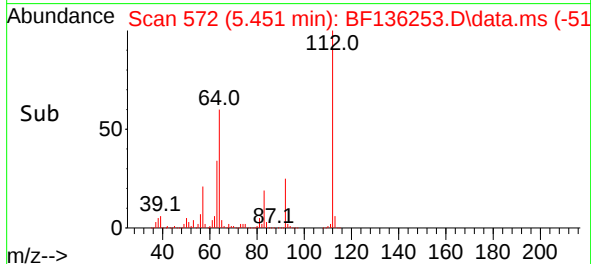
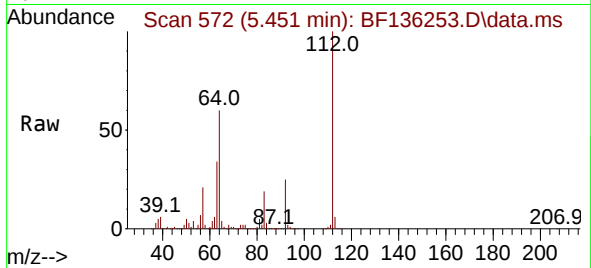
#5
2-Fluorophenol
Concen: 132.245 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

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BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1409748
Ion Ratio Lower Upper
112 100
64 60.4 48.2 72.4
63 33.7 27.0 40.6

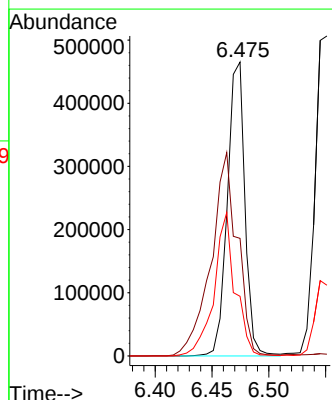
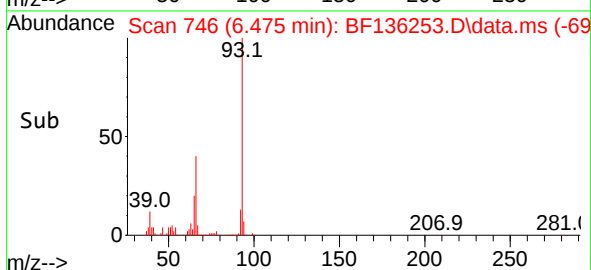
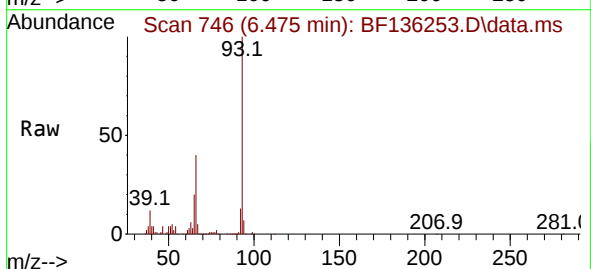
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#6
Aniline
Concen: 39.793 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

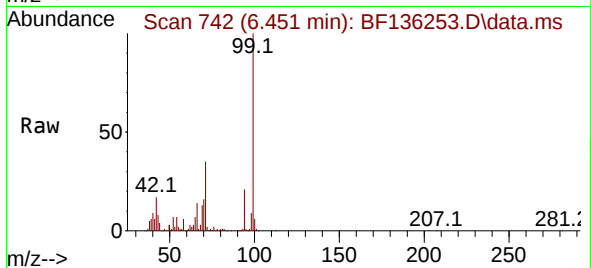
Tgt Ion: 93 Resp: 501328
Ion Ratio Lower Upper
93 100
66 40.0 34.1 51.1
65 20.3 17.3 25.9





#7
Phenol-d6
Concen: 126.923 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

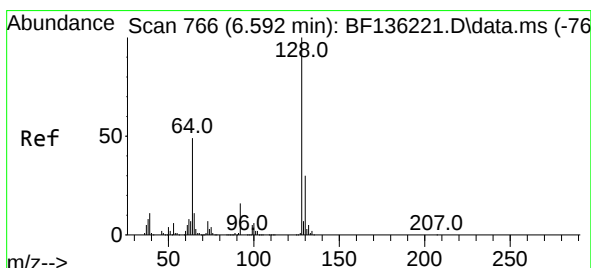
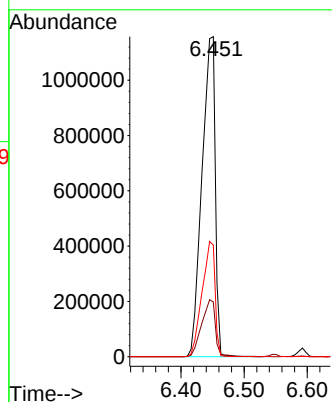
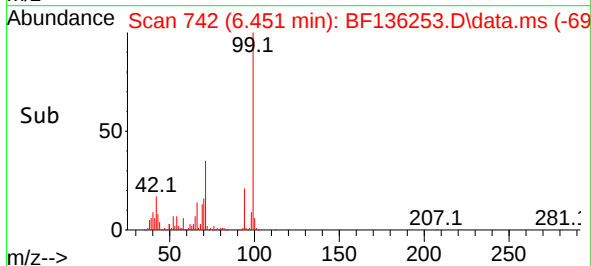
Instrument :
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Tgt Ion: 99 Resp: 169176
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.6
71 34.9 28.9 43.3

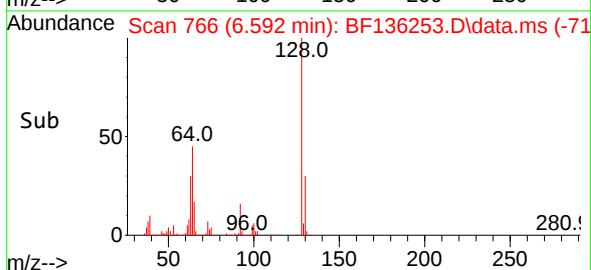
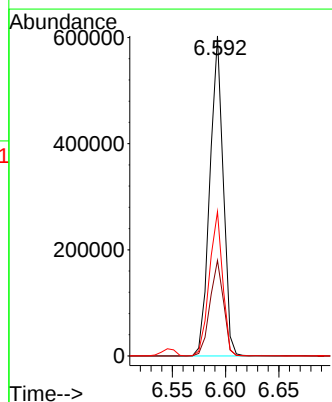
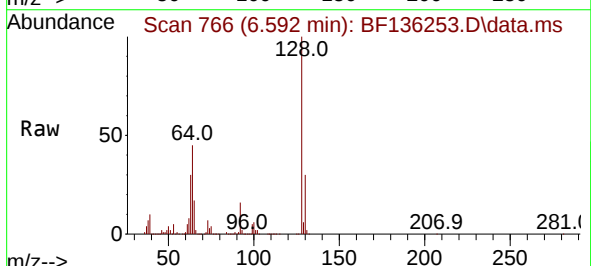
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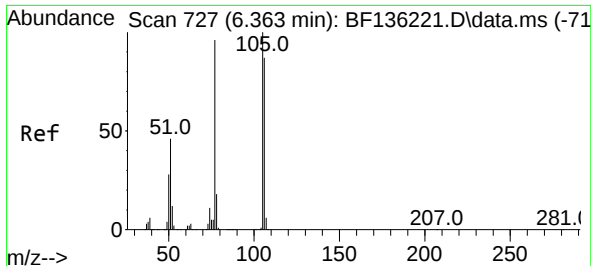
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#8
2-Chlorophenol
Concen: 45.315 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

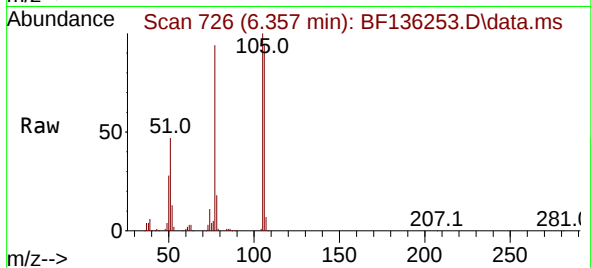
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Ion Ratio Lower Upper
128 100
130 29.8 10.3 50.3
64 45.1 30.0 70.0





#9
Benzaldehyde
Concen: 11.394 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136253.D
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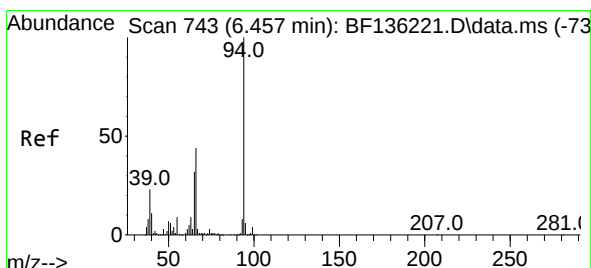
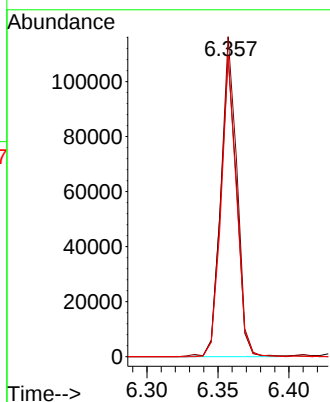
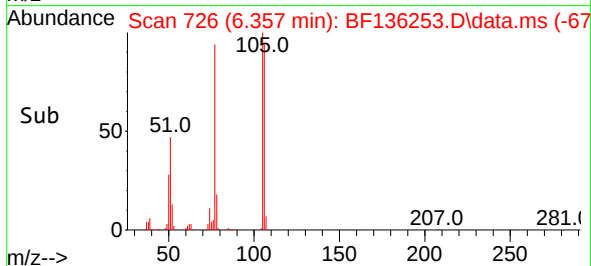
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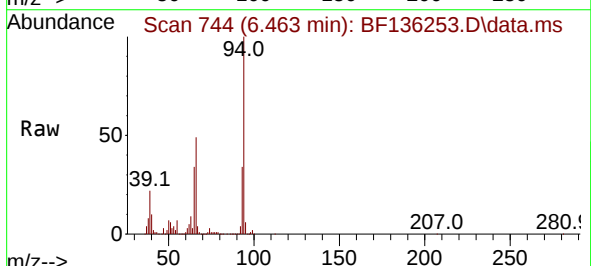
Tgt Ion: 77 Resp: 84648
Ion Ratio Lower Upper
77 100
105 106.6 84.3 124.3
106 100.1 71.0 111.0

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APPROVED

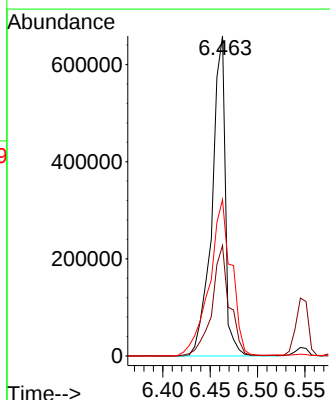
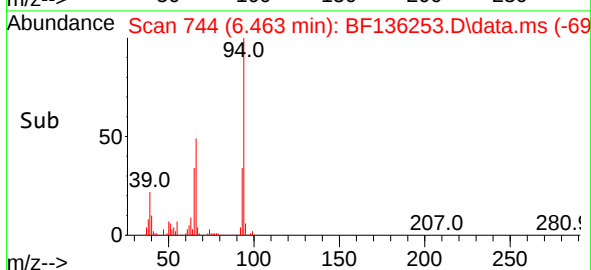
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

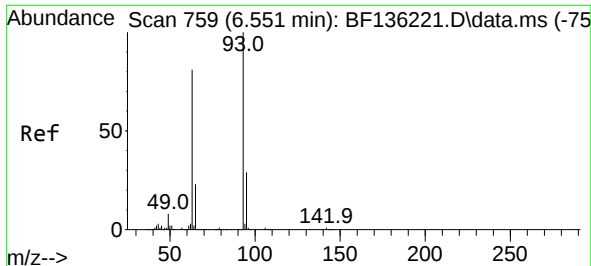


#10
Phenol
Concen: 45.307 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



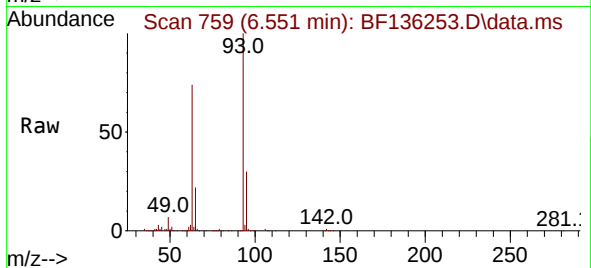
Tgt Ion: 94 Resp: 647887
Ion Ratio Lower Upper
94 100
65 34.5 12.5 52.5
66 48.9 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 44.849 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

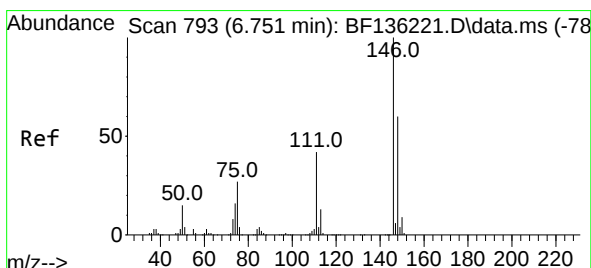
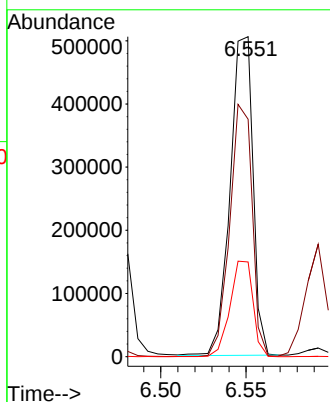
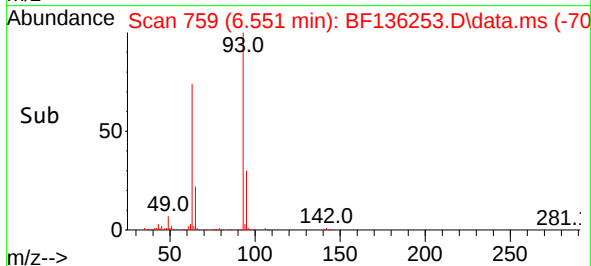
Instrument :
BNA_F
ClientSampleId :
PB157378BS



Tgt Ion: 93 Resp: 47048
Ion Ratio Lower Upper
93 100
63 74.2 60.2 100.2
95 29.6 9.1 49.1

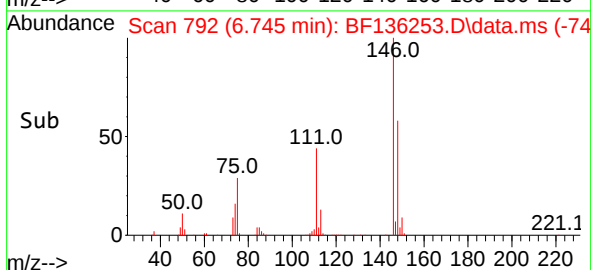
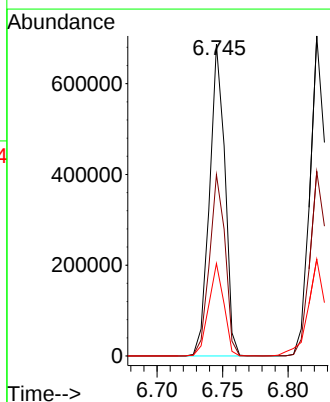
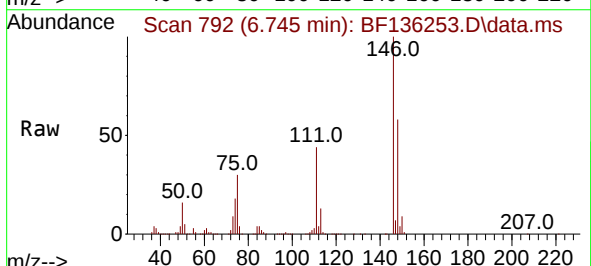
Manual Integrations
APPROVED

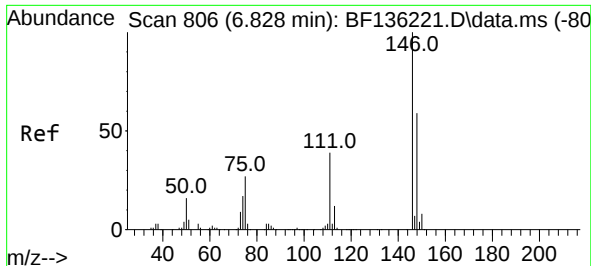
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 42.510 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:146 Resp: 559955
Ion Ratio Lower Upper
146 100
148 58.2 47.8 71.6
75 29.7 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 42.680 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

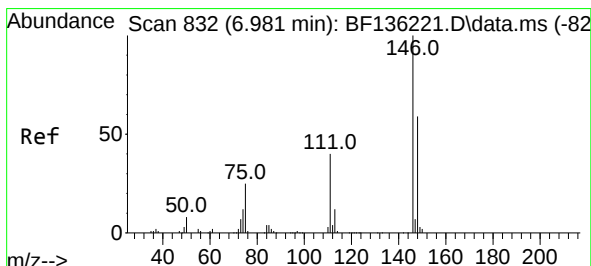
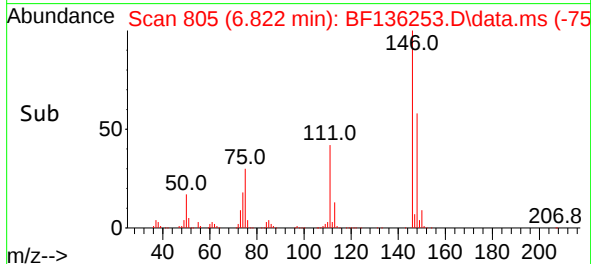
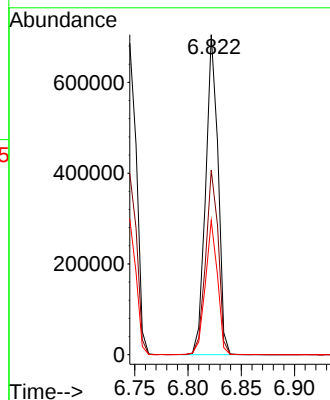
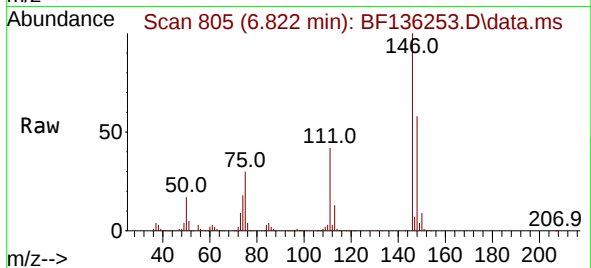
PB157378BS

Tgt Ion:146 Resp: 57151
 Ion Ratio Lower Upper
 146 100
 148 57.7 47.0 70.6
 111 42.0 31.5 47.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 42.055 ng

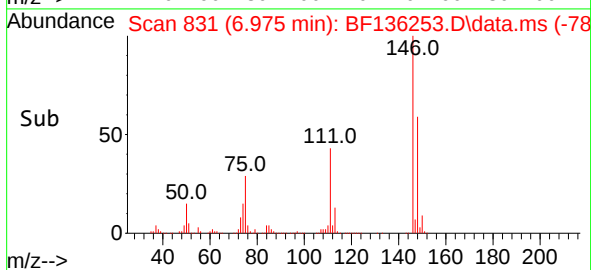
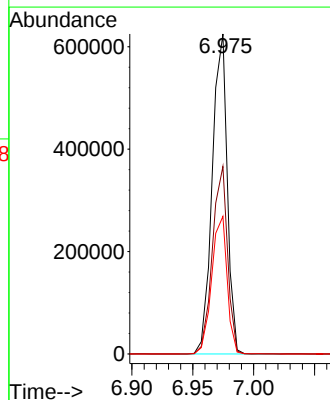
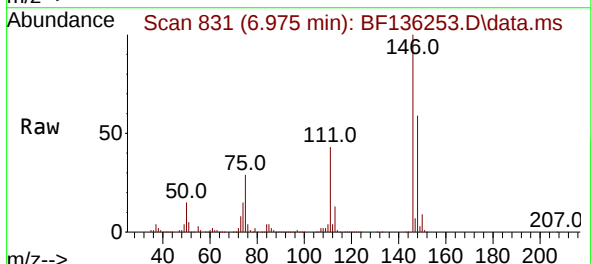
RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Tgt Ion:146 Resp: 533129
 Ion Ratio Lower Upper
 146 100
 148 58.6 47.3 70.9
 111 43.0 32.4 48.6





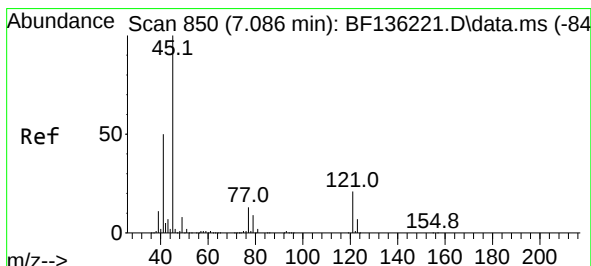
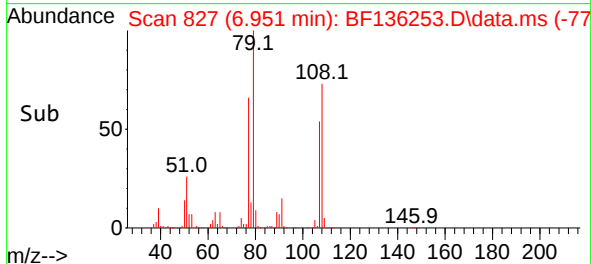
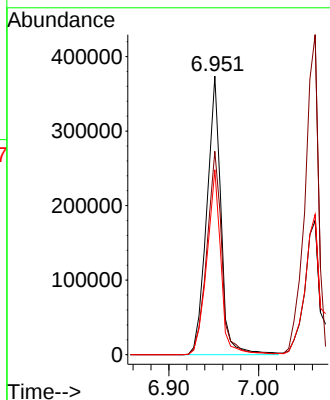
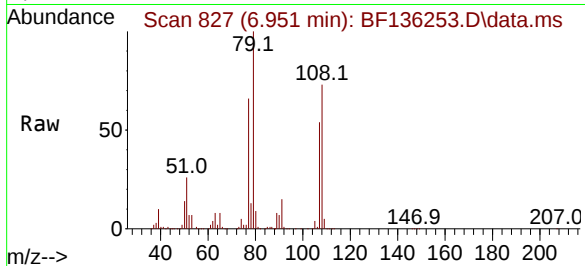
#15
Benzyl Alcohol
Concen: 44.130 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :
BNA_F
ClientSampleId :
PB157378BS

Tgt Ion: 79 Resp: 41241
Ion Ratio Lower Upper
79 100
108 73.0 58.1 87.1
77 66.4 51.8 77.8

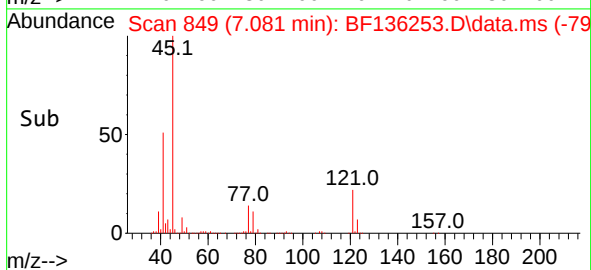
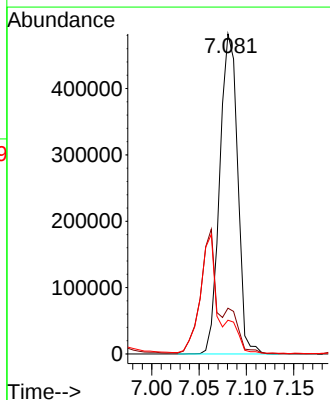
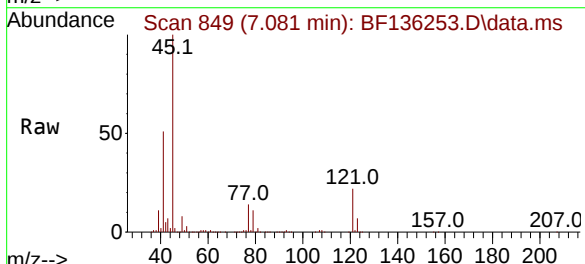
Manual Integrations
APPROVED

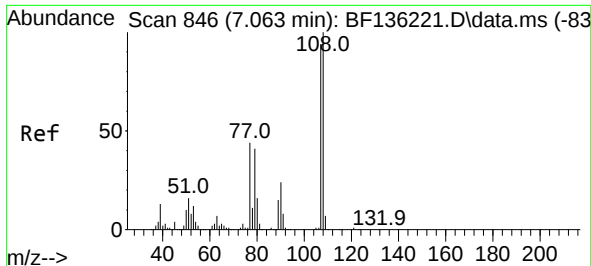
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.550 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 45 Resp: 634583
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 10.5 0.0 30.1





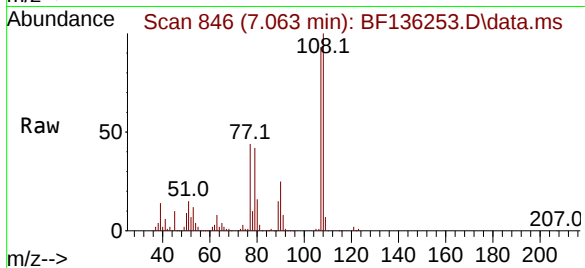
#17
2-Methylphenol
Concen: 45.527 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

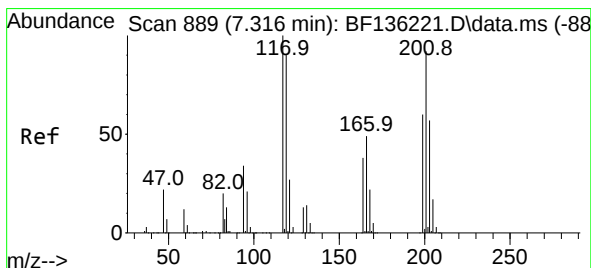
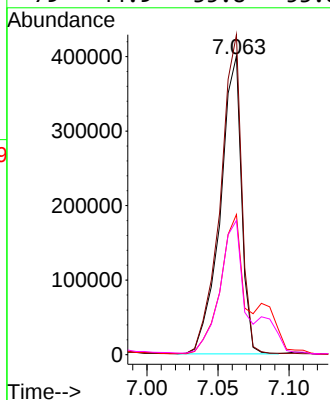
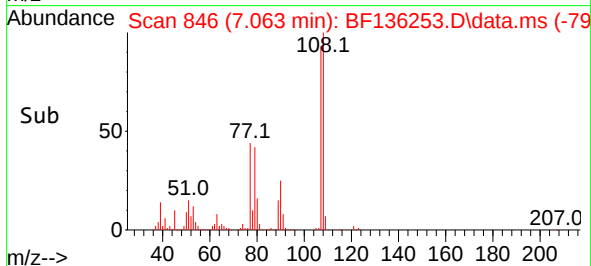


Tgt Ion:107 Resp: 415452
Ion Ratio Lower Upper
107 100
108 107.1 85.4 128.0
77 46.9 37.4 56.2
79 44.9 35.8 53.8

Manual Integrations

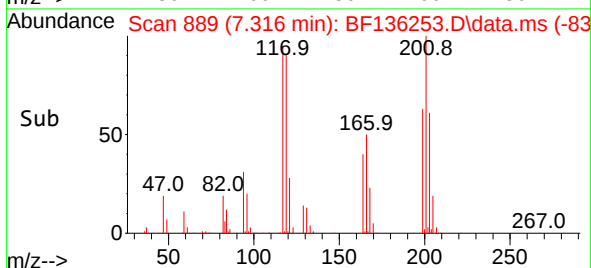
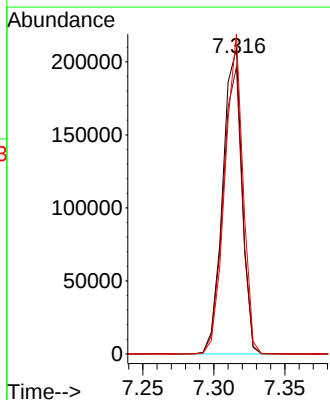
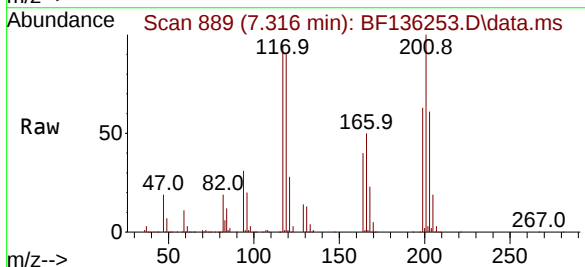
APPROVED

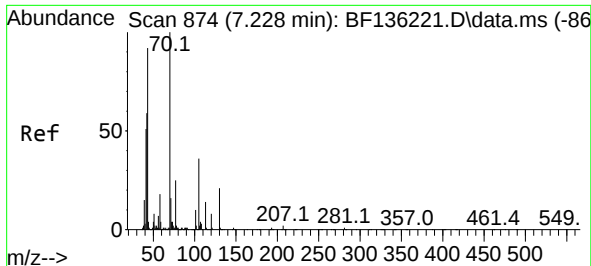
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 42.189 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:117 Resp: 198162
Ion Ratio Lower Upper
117 100
119 94.0 71.6 107.4
201 104.8 73.4 110.2





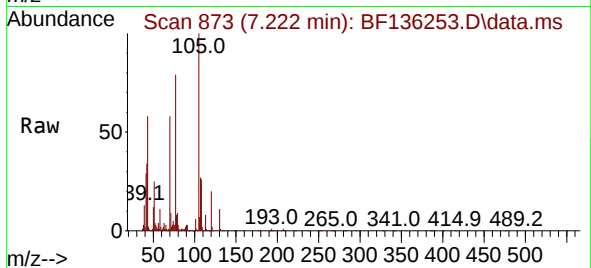
#19
n-Nitroso-di-n-propylamine
Concen: 44.240 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

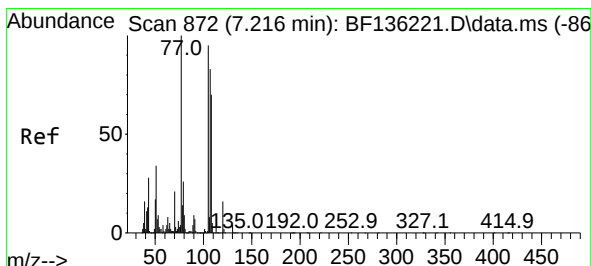
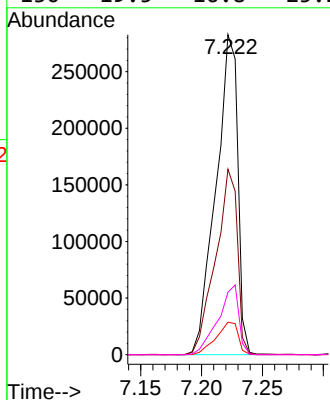
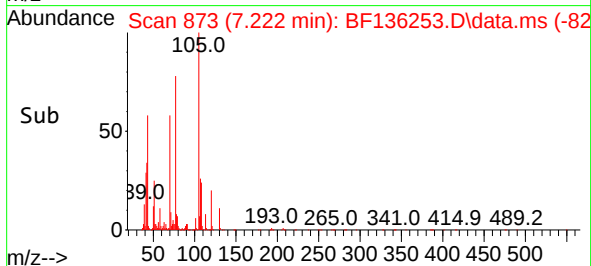


Tgt Ion: 70 Resp: 352670
Ion Ratio Lower Upper
70 100
42 58.0 47.0 70.4
101 10.1 7.8 11.8
130 19.5 16.8 25.2

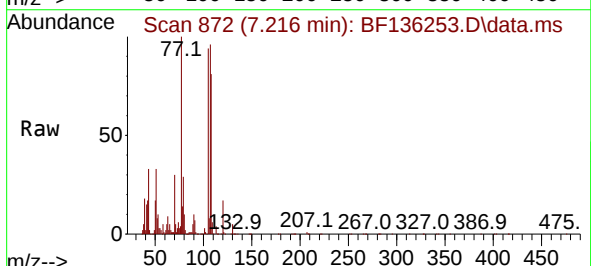
Manual Integrations

APPROVED

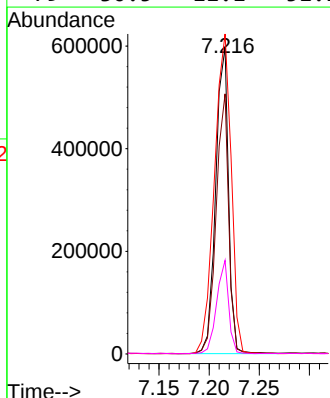
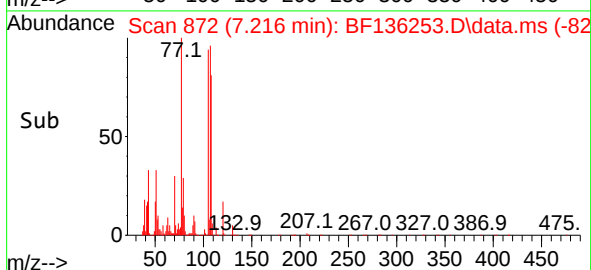
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

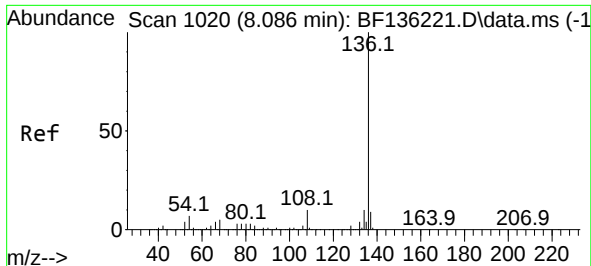


#20
3+4-Methylphenols
Concen: 44.621 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:107 Resp: 529193
Ion Ratio Lower Upper
107 100
108 84.9 63.9 103.9
77 104.4 100.2 140.2
79 30.5 11.1 51.1





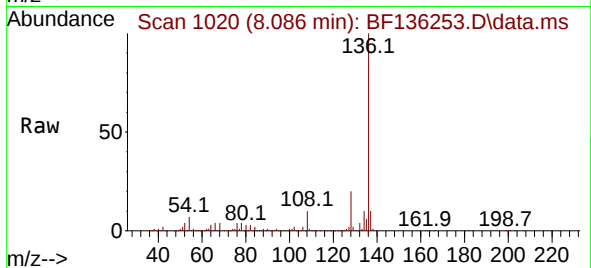
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

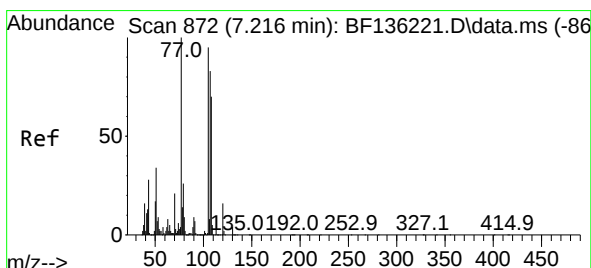
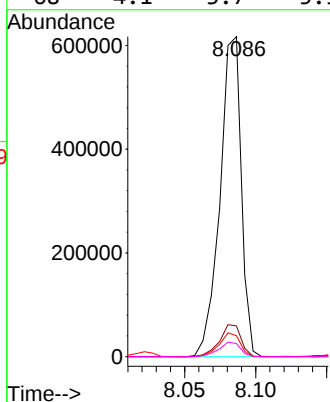
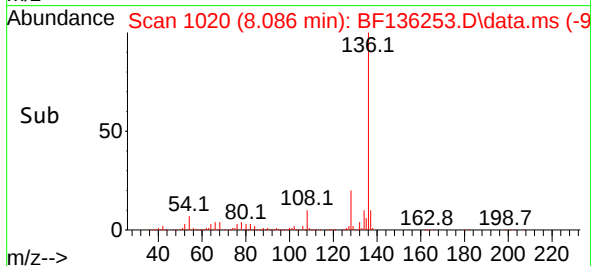


Tgt Ion:136 Resp: 642815
Ion Ratio Lower Upper
136 100
137 9.6 7.4 11.2
54 6.5 5.5 8.3
68 4.1 3.7 5.5

Manual Integrations

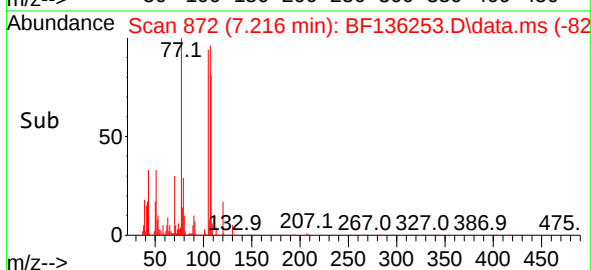
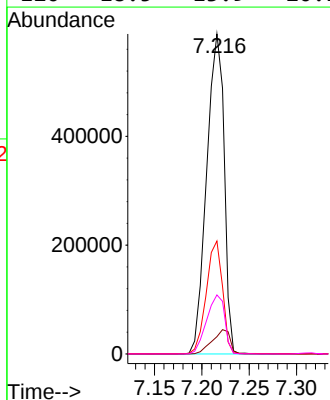
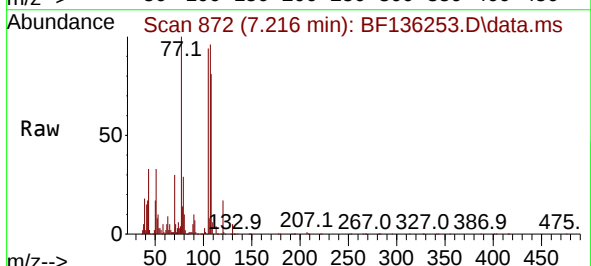
APPROVED

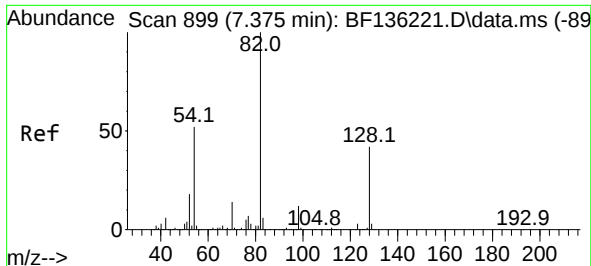
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 44.694 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:105 Resp: 754547
Ion Ratio Lower Upper
105 100
71 5.4 2.8 4.2#
51 35.3 29.0 43.6
120 18.5 13.9 20.9





#23
Nitrobenzene-d5
Concen: 85.366 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

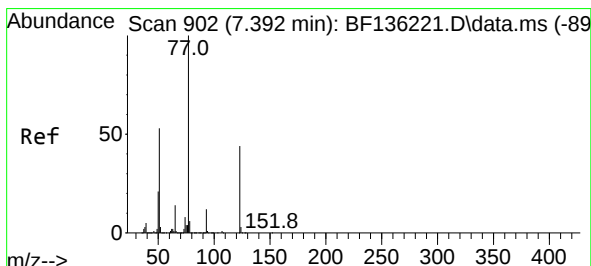
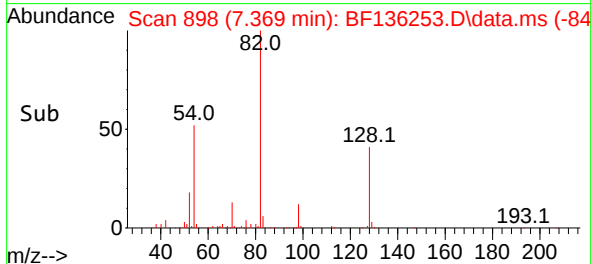
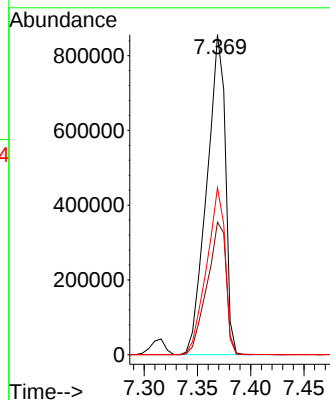
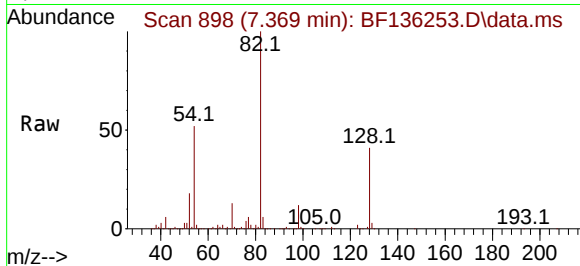
ClientSampleId :

PB157378BS

Tgt Ion: 82 Resp: 1038439
Ion Ratio Lower Upper
82 100
128 41.4 33.4 50.2
54 52.2 41.7 62.5

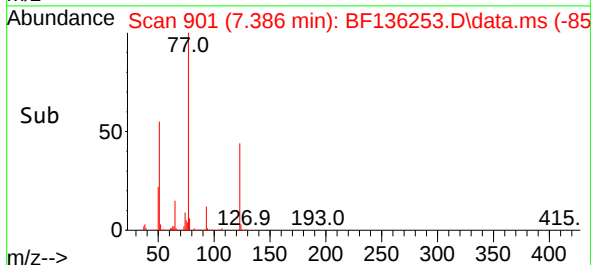
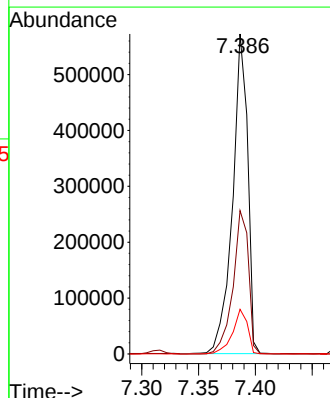
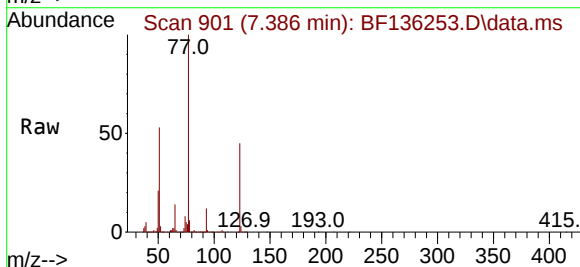
Manual Integrations
APPROVED

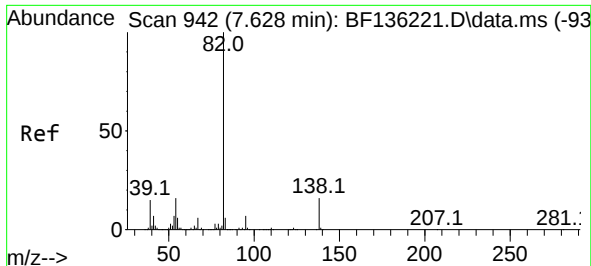
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#24
Nitrobenzene
Concen: 42.875 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

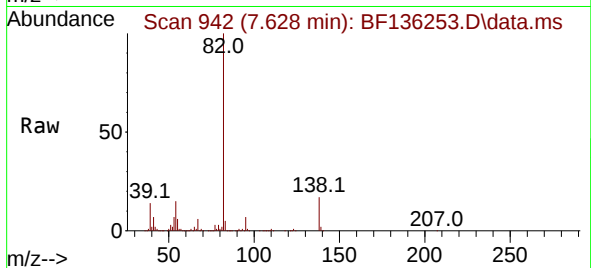
Tgt Ion: 77 Resp: 528540
Ion Ratio Lower Upper
77 100
123 44.8 35.4 53.2
65 13.9 11.0 16.6





#25
Isophorone
Concen: 44.235 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

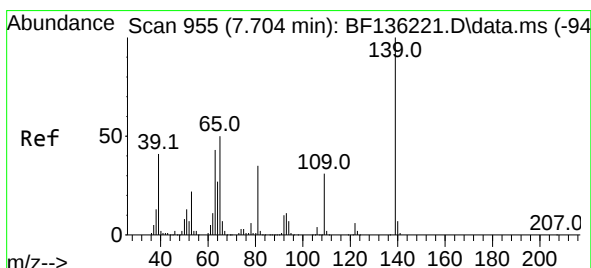
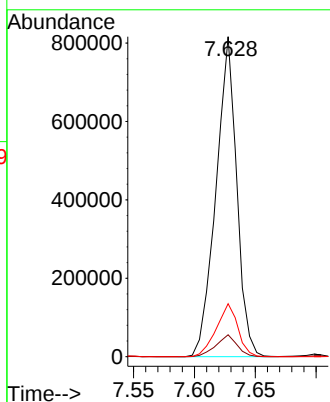
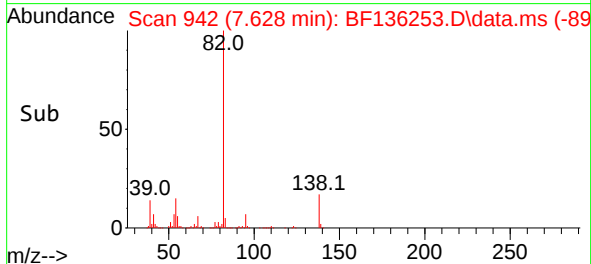
Instrument :
BNA_F
ClientSampleId :
PB157378BS



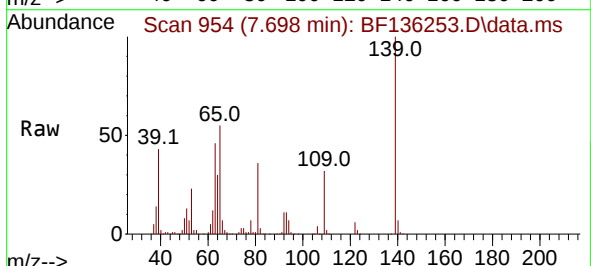
Tgt Ion: 82 Resp: 970270
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.5 12.8 19.2

Manual Integrations
APPROVED

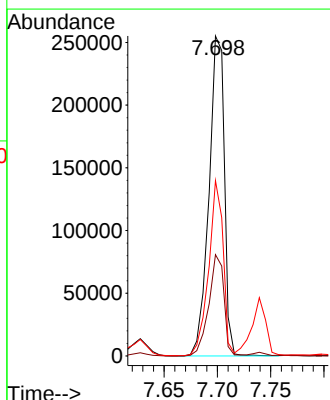
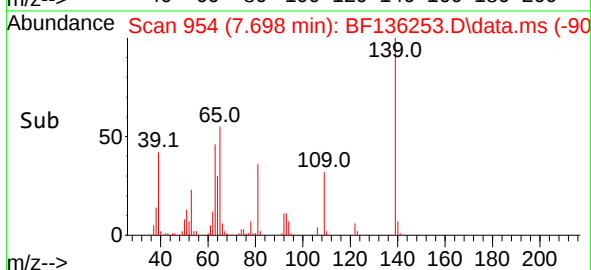
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

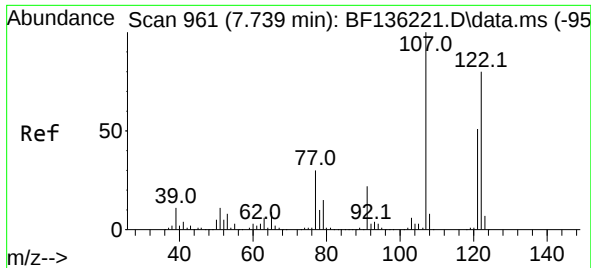


#26
2-Nitrophenol
Concen: 48.934 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:139 Resp: 257019
Ion Ratio Lower Upper
139 100
109 31.7 25.0 37.6
65 54.8 40.4 60.6





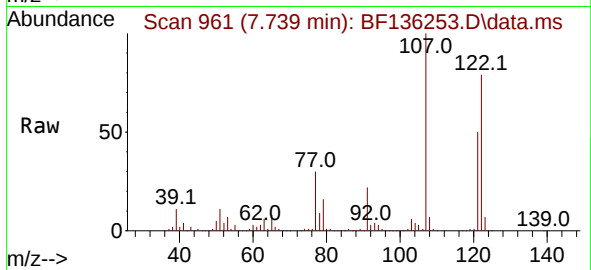
#27
2,4-Dimethylphenol
Concen: 63.751 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

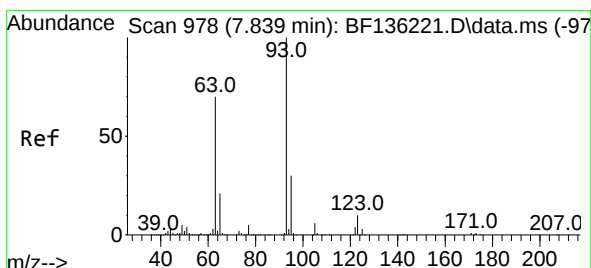
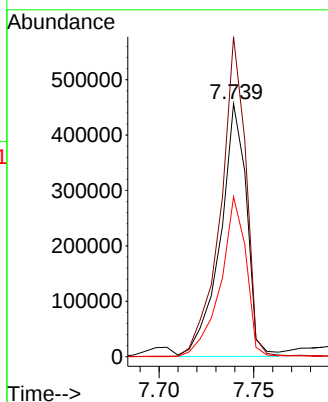
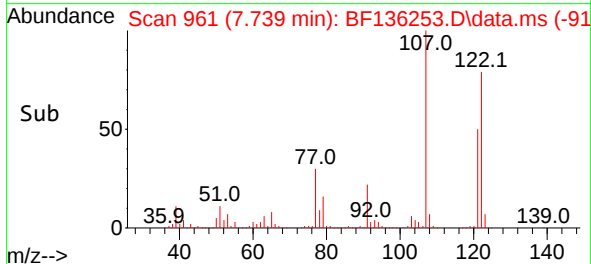
PB157378BS



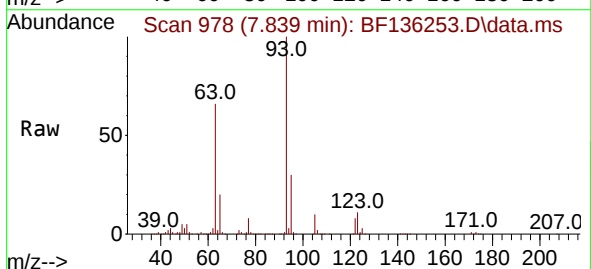
Tgt Ion:122 Resp: 440721
Ion Ratio Lower Upper
122 100
107 126.5 100.0 150.0
121 63.1 50.7 76.1

Manual Integrations
APPROVED

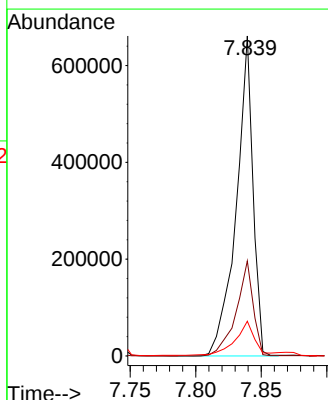
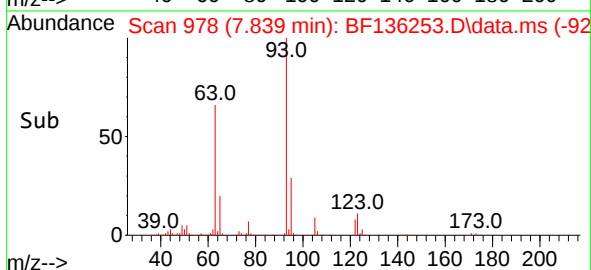
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.208 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion: 93 Resp: 586538
Ion Ratio Lower Upper
93 100
95 29.7 23.8 35.6
123 10.8 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 45.206 ng

RT: 7.939 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

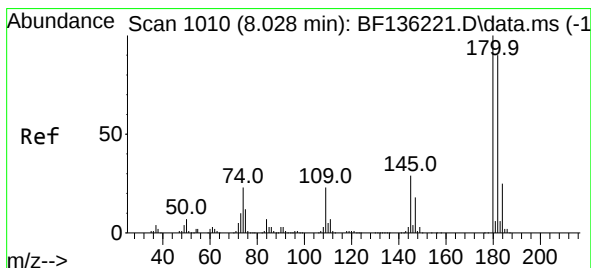
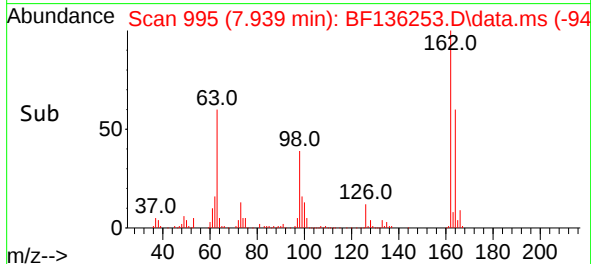
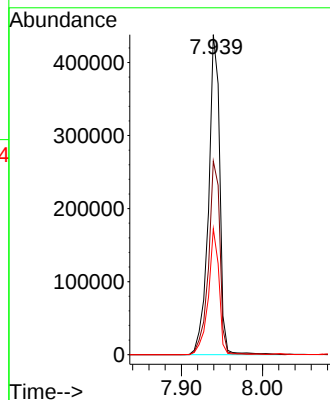
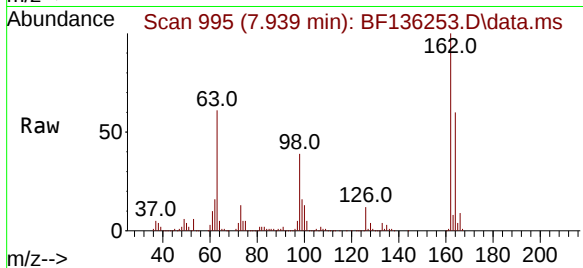
PB157378BS

Tgt Ion:162 Resp: 42153
 Ion Ratio Lower Upper
 162 100
 164 60.5 40.3 80.3
 98 39.4 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.999 ng

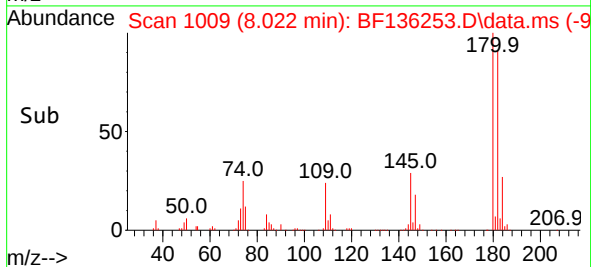
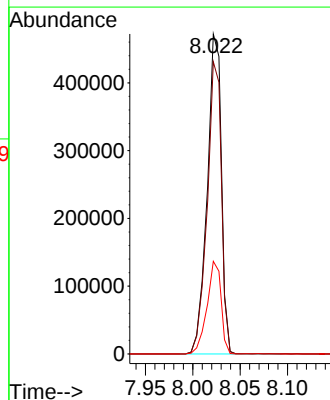
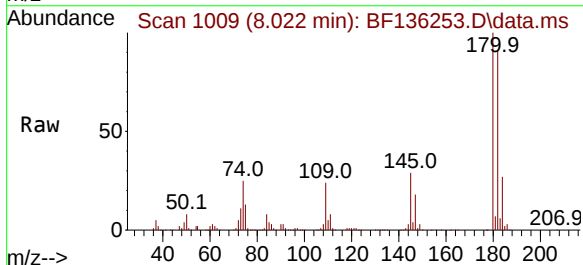
RT: 8.022 min Scan# 1009

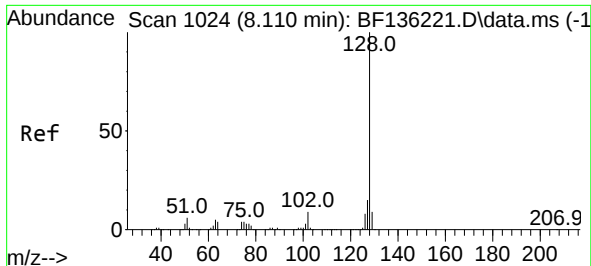
Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Tgt Ion:180 Resp: 490904
 Ion Ratio Lower Upper
 180 100
 182 91.3 71.6 107.4
 145 28.9 23.0 34.4





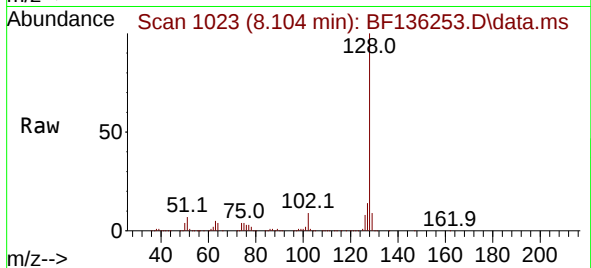
#31
Naphthalene
Concen: 43.885 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS



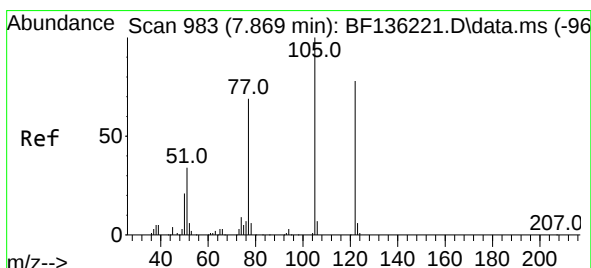
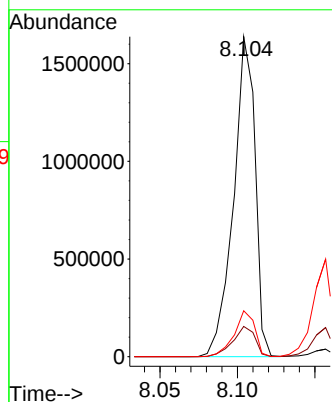
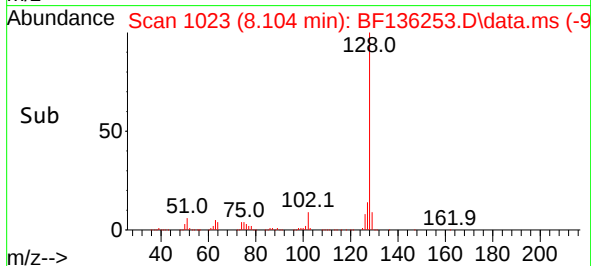
Tgt Ion:128 Resp: 1585610
Ion Ratio Lower Upper
128 100
129 9.5 7.3 10.9
127 14.3 11.8 17.6

Manual Integrations

APPROVED

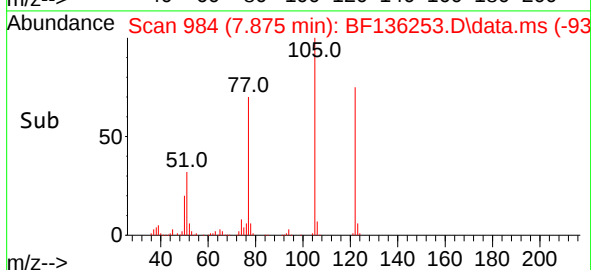
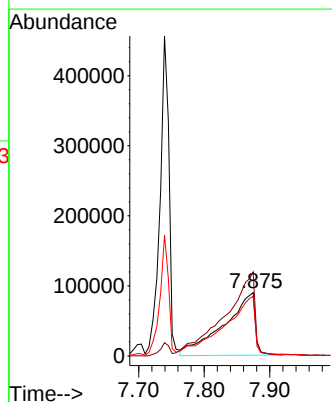
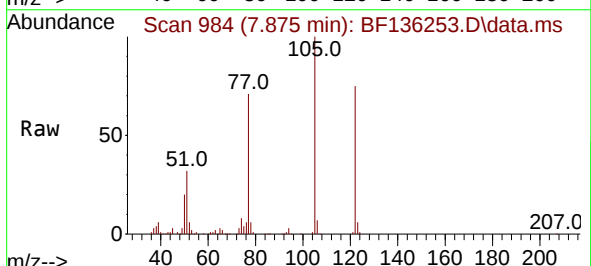
Reviewed By :Yogesh Patel 12/01/2023

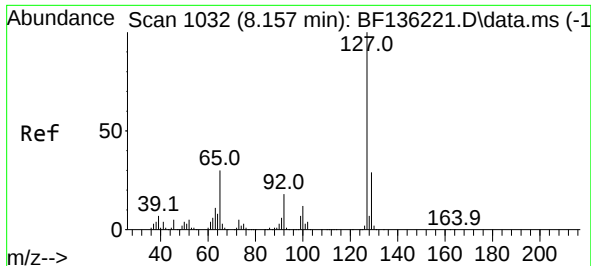
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 46.858 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:122 Resp: 295230
Ion Ratio Lower Upper
122 100
105 132.8 103.7 143.7
77 94.4 66.8 106.8





#33
4-Chloroaniline
Concen: 35.284 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

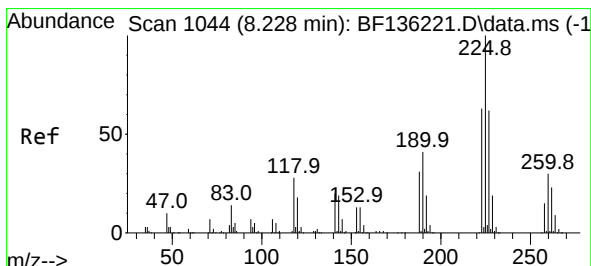
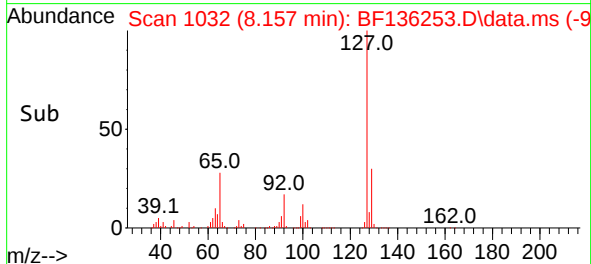
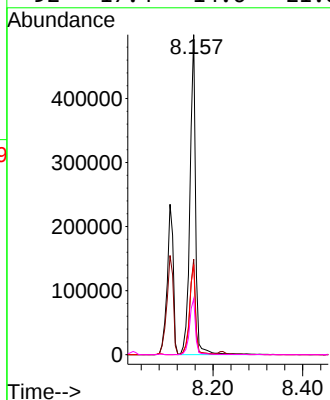
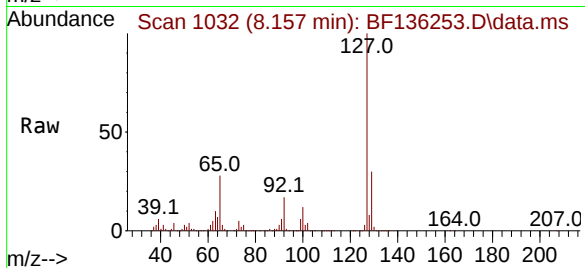
PB157378BS

Tgt Ion:127 Resp: 433339
Ion Ratio Lower Upper
127 100
129 29.8 23.4 35.2
65 28.2 23.8 35.6
92 17.4 14.6 21.8

Manual Integrations

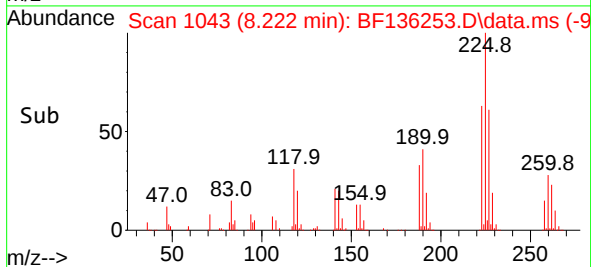
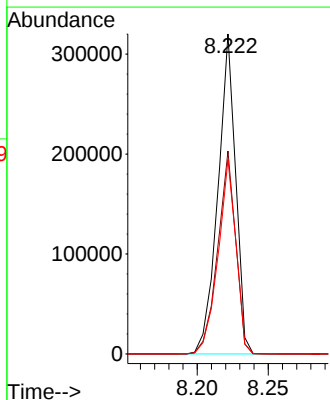
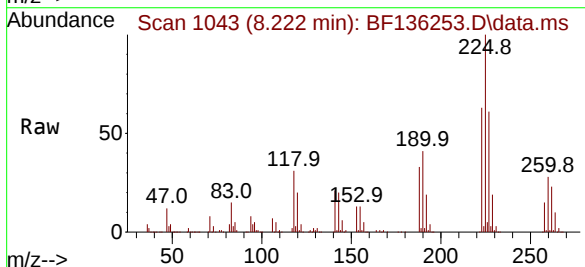
APPROVED

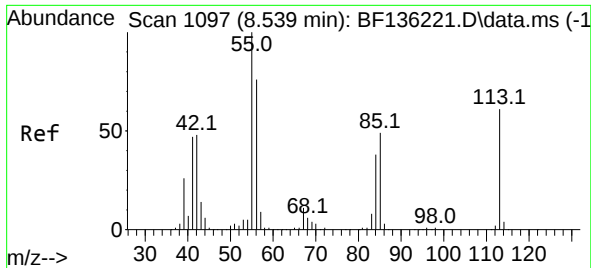
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 41.608 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:225 Resp: 277905
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 60.8 49.6 74.4





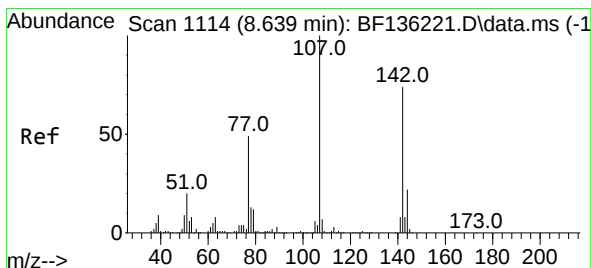
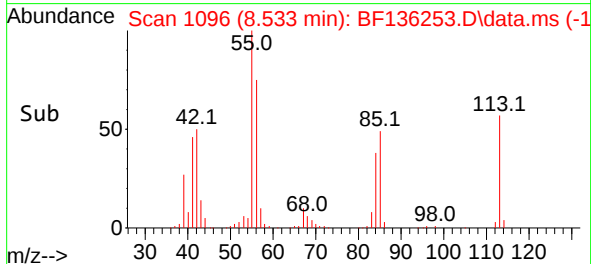
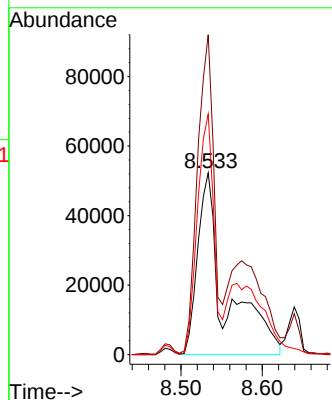
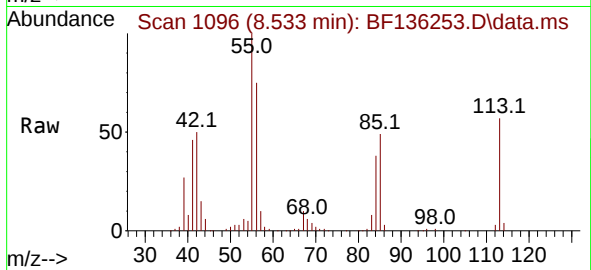
#35
Caprolactam
Concen: 46.933 ng m
RT: 8.533 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :
BNA_F
ClientSampleId :
PB157378BS

Tgt Ion:113 Resp: 12234
Ion Ratio Lower Upper
113 100
55 176.1 143.1 183.1
56 132.3 103.6 143.6

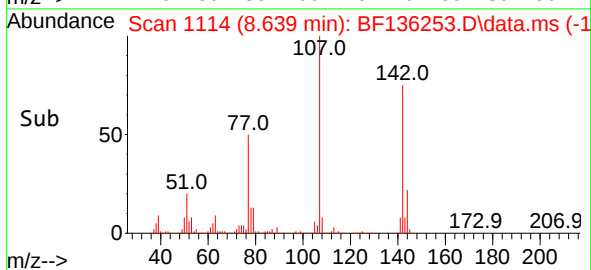
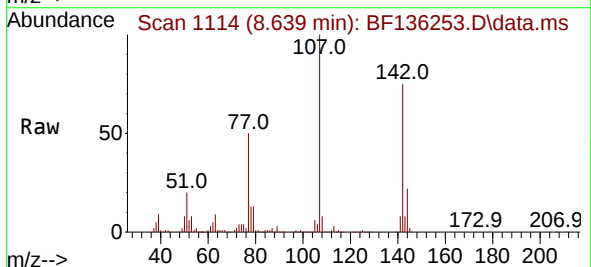
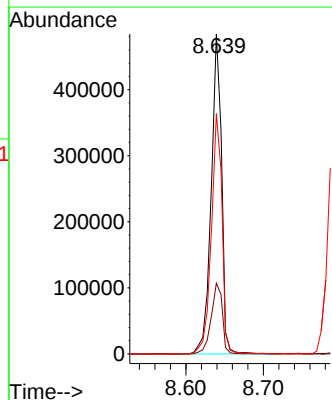
Manual Integrations
APPROVED

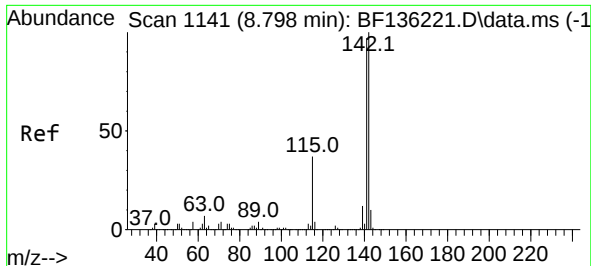
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 44.678 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:107 Resp: 451841
Ion Ratio Lower Upper
107 100
144 22.1 17.8 26.8
142 75.1 59.4 89.0





#37
2-Methylnaphthalene
Concen: 43.376 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

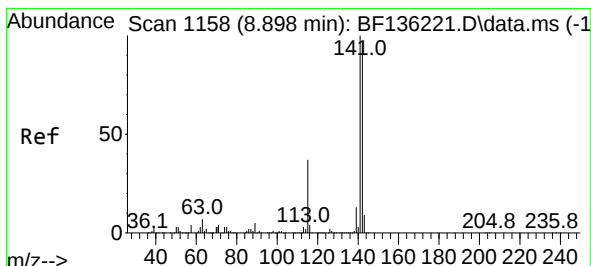
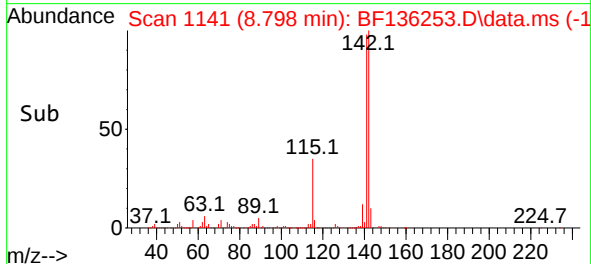
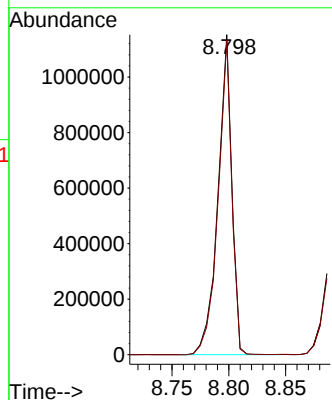
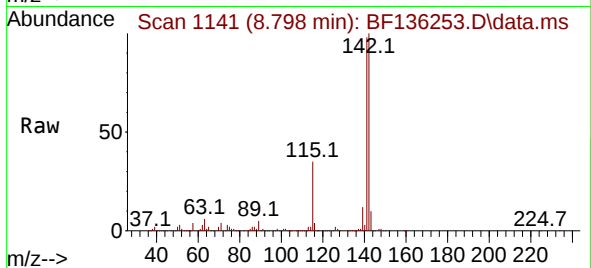
PB157378BS

Tgt Ion:142 Resp: 983100
Ion Ratio Lower Upper
142 100
141 98.4 77.8 116.8

Manual Integrations

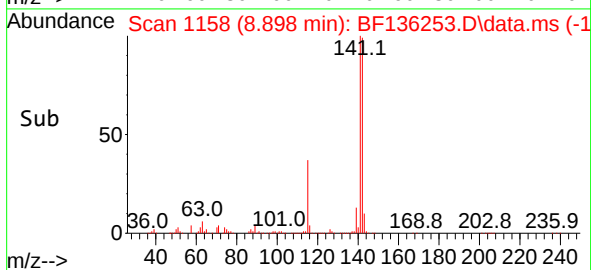
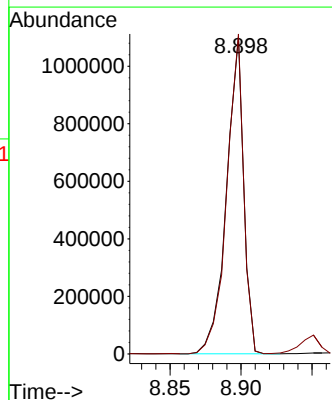
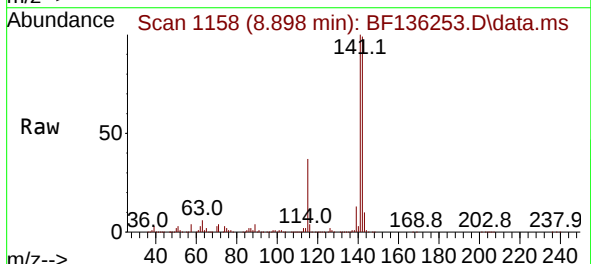
APPROVED

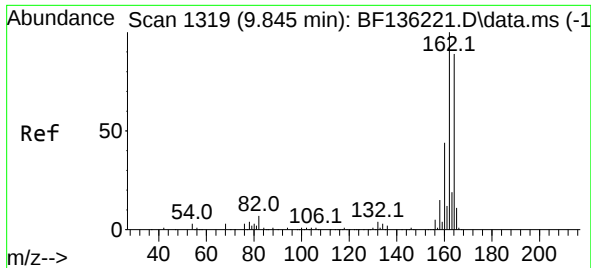
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 41.817 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:142 Resp: 924564
Ion Ratio Lower Upper
142 100
141 101.1 83.8 125.6





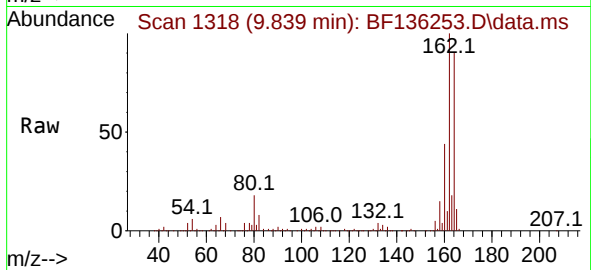
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

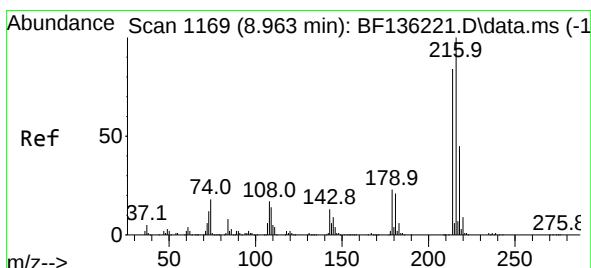
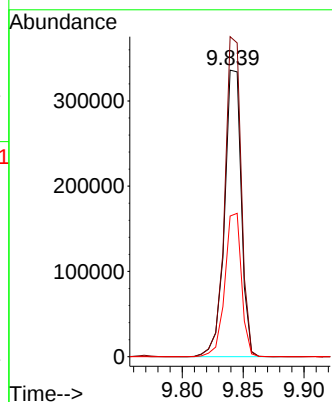
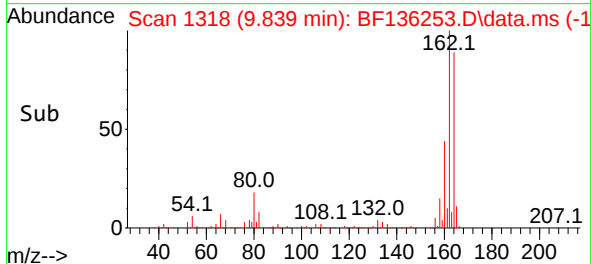


Tgt Ion:164 Resp: 322579
Ion Ratio Lower Upper
164 100
162 111.7 89.5 134.3
160 49.1 39.6 59.4

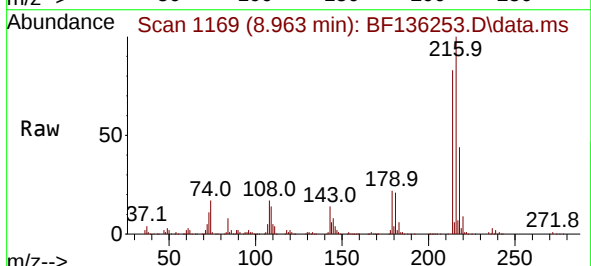
Manual Integrations

APPROVED

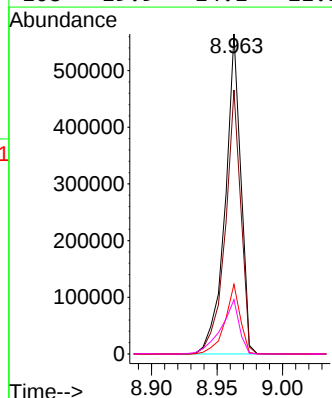
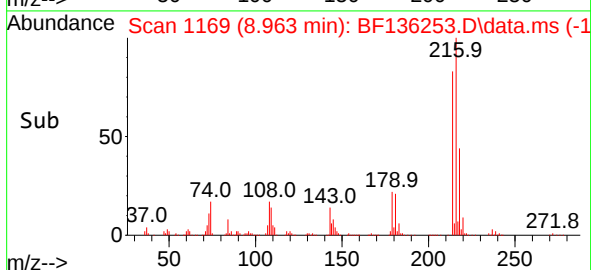
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

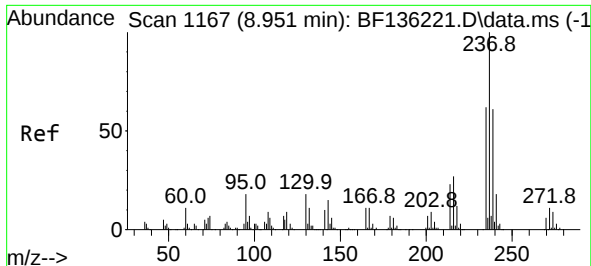


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.360 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:216 Resp: 465673
Ion Ratio Lower Upper
216 100
214 82.2 65.8 98.8
179 21.2 17.4 26.0
108 19.9 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 138.832 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

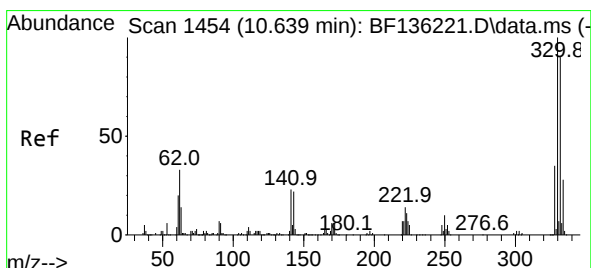
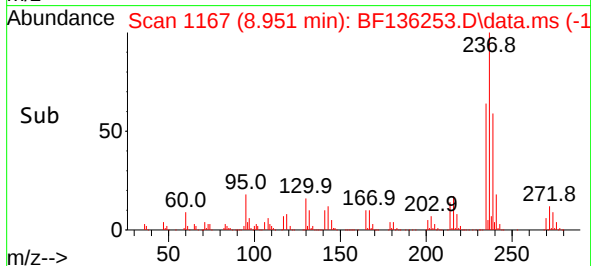
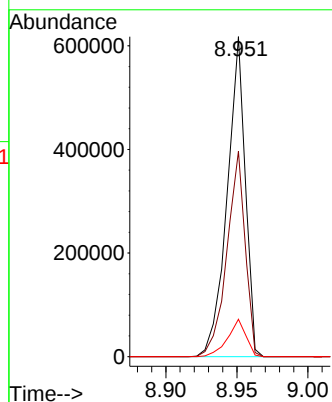
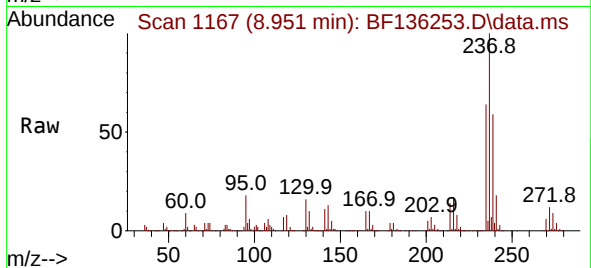
PB157378BS

Tgt Ion:237 Resp: 548420
Ion Ratio Lower Upper
237 100
235 64.2 42.1 82.1
272 11.7 0.0 31.0

Manual Integrations

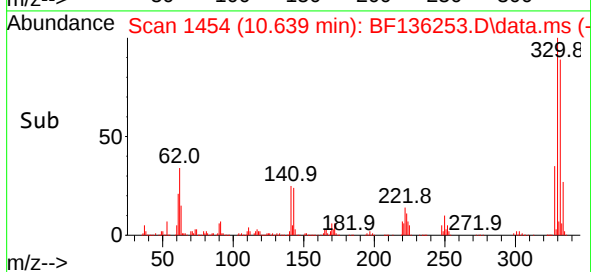
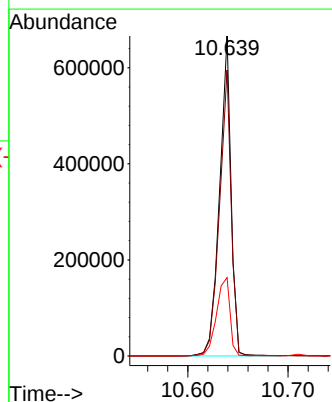
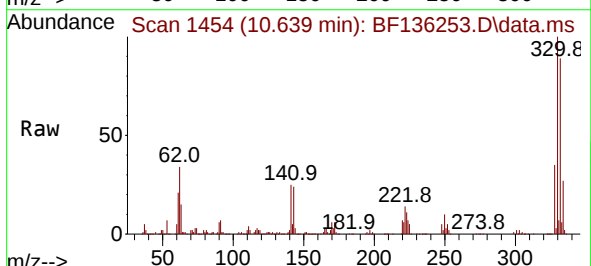
APPROVED

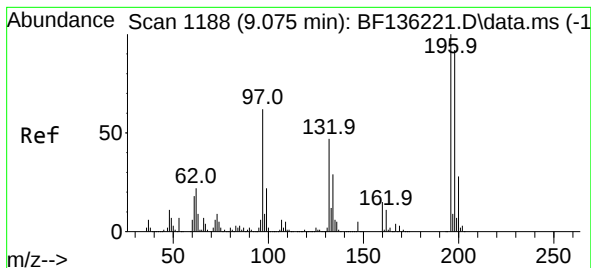
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#42
2,4,6-Tribromophenol
Concen: 134.415 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:330 Resp: 530104
Ion Ratio Lower Upper
330 100
332 91.6 73.0 109.6
141 28.9 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 46.576 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

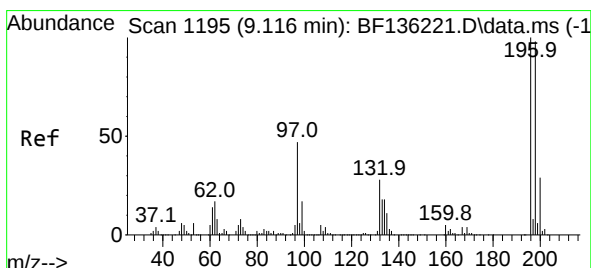
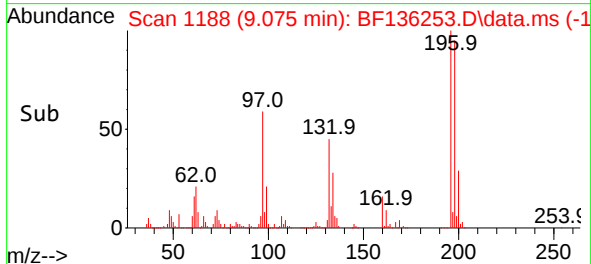
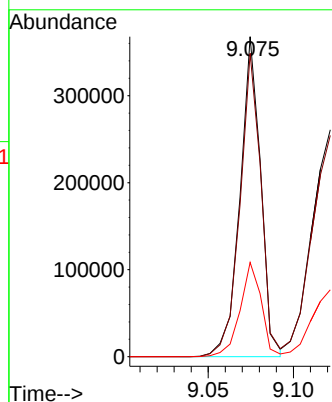
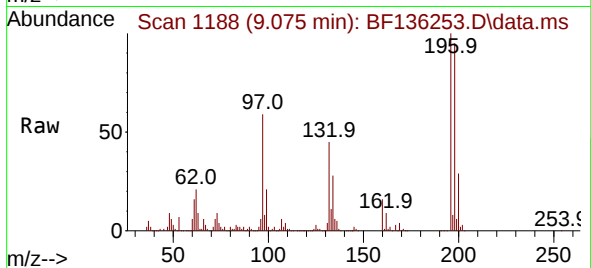
PB157378BS

Tgt Ion:196 Resp: 31035
 Ion Ratio Lower Upper
 196 100
 198 94.8 73.2 109.8
 200 29.5 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023



#44

2,4,5-Trichlorophenol

Concen: 43.981 ng

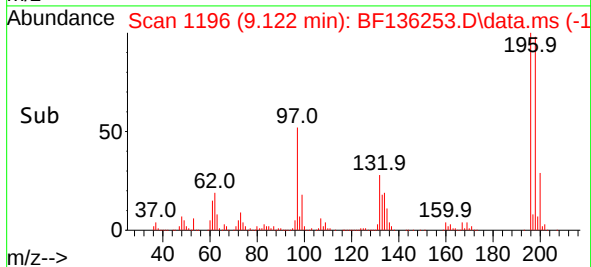
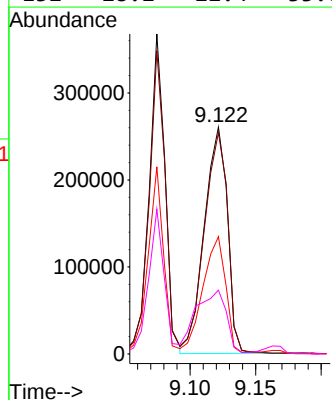
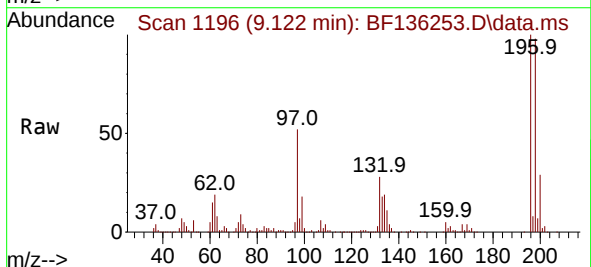
RT: 9.122 min Scan# 1196

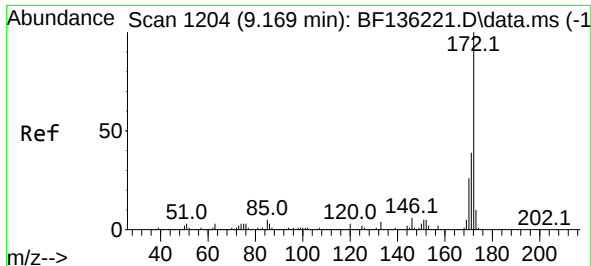
Delta R.T. 0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Tgt Ion:196 Resp: 319817
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.8 118.2
 97 51.7 37.8 56.8
 132 28.2 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 85.878 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

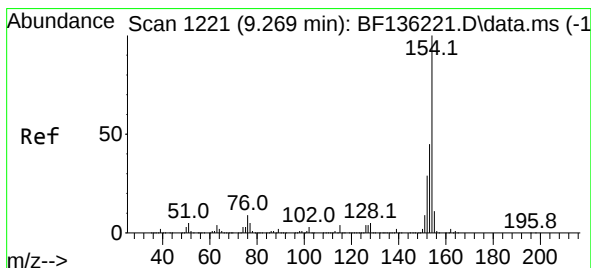
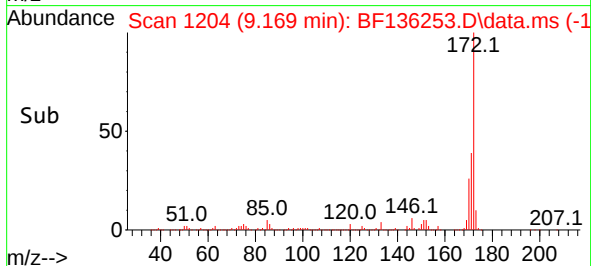
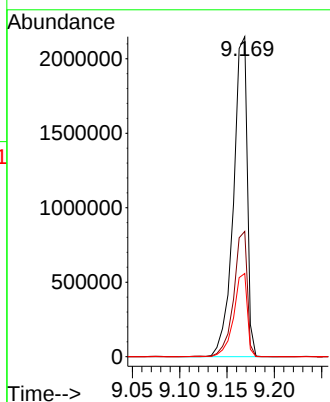
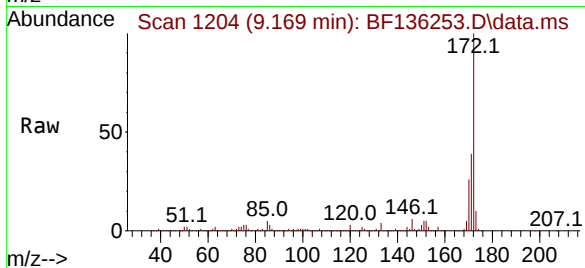
PB157378BS

Tgt Ion:172 Resp: 2168820
Ion Ratio Lower Upper
172 100
171 39.2 31.5 47.3
170 26.0 20.8 31.2

Manual Integrations

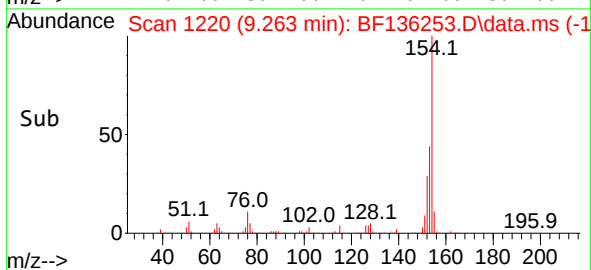
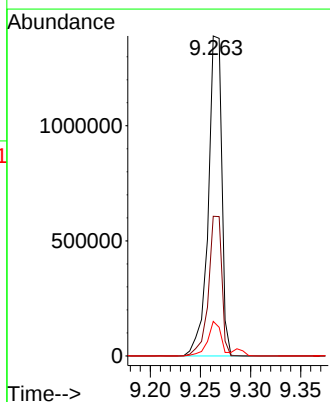
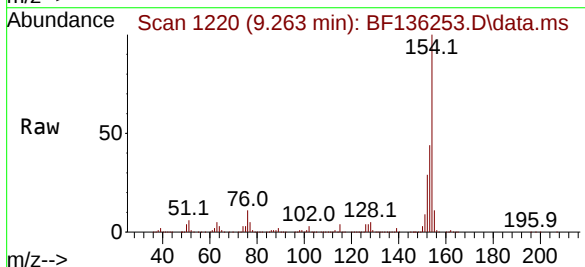
APPROVED

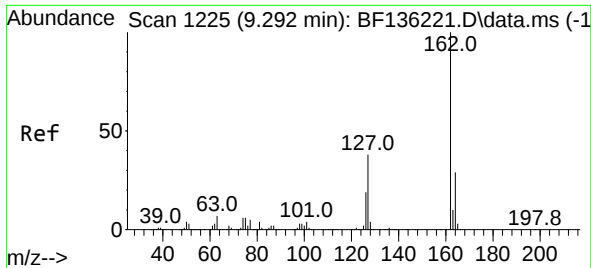
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#46
1,1'-Biphenyl
Concen: 45.909 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:154 Resp: 1305954
Ion Ratio Lower Upper
154 100
153 43.7 24.6 64.6
76 10.8 0.0 29.4





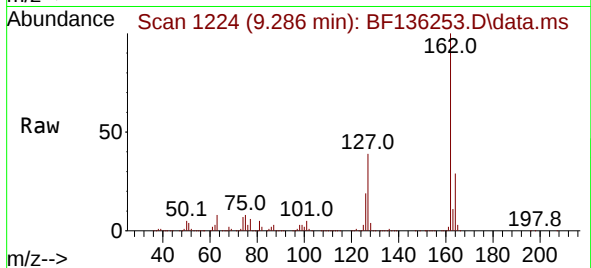
#47
2-Chloronaphthalene
Concen: 43.556 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

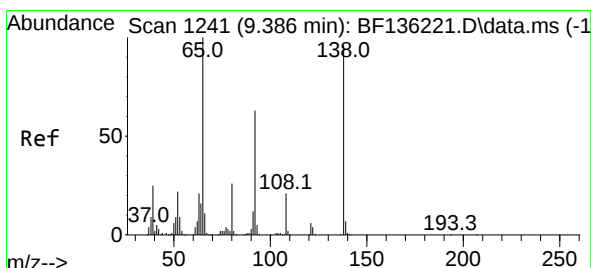
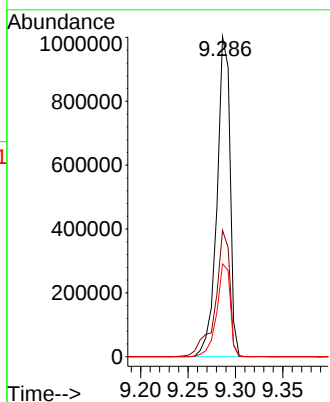
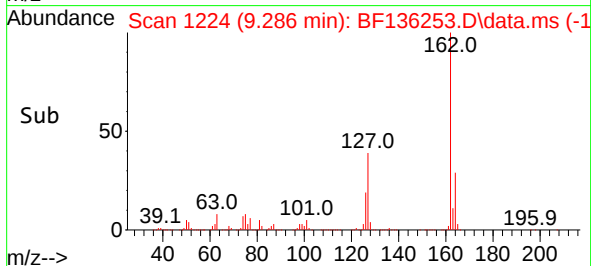
PB157378BS



Tgt Ion:162 Resp: 962194
Ion Ratio Lower Upper
162 100
127 39.5 30.2 45.2
164 29.0 22.8 34.2

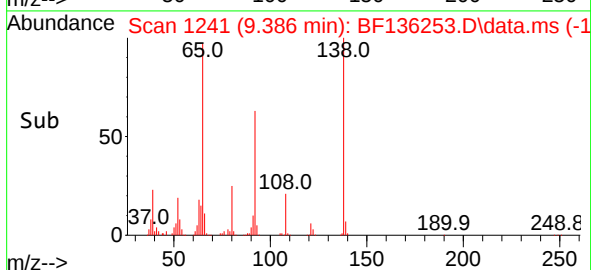
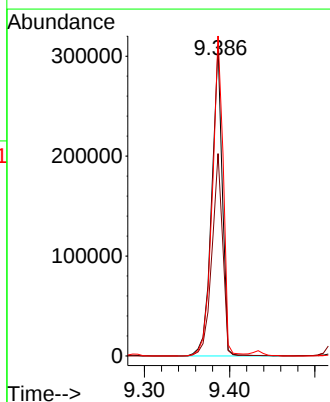
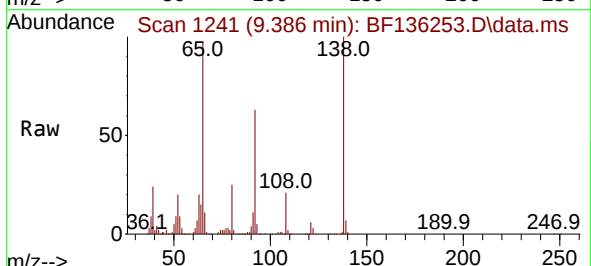
Manual Integrations
APPROVED

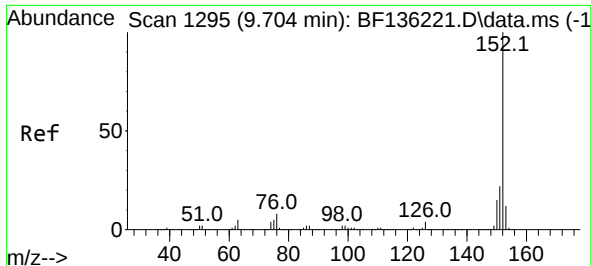
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 46.564 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 65 Resp: 268566
Ion Ratio Lower Upper
65 100
92 65.1 50.6 75.8
138 103.0 76.7 115.1





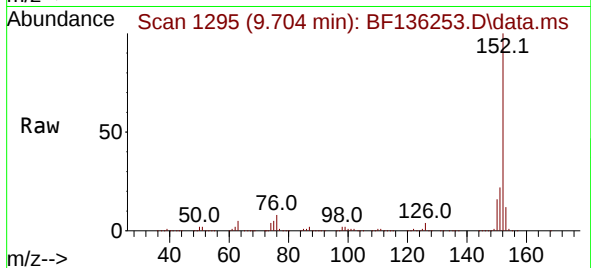
#49
Acenaphthylene
Concen: 46.486 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

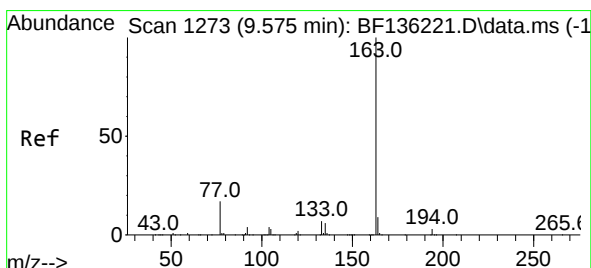
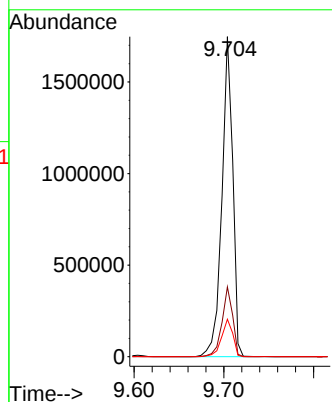
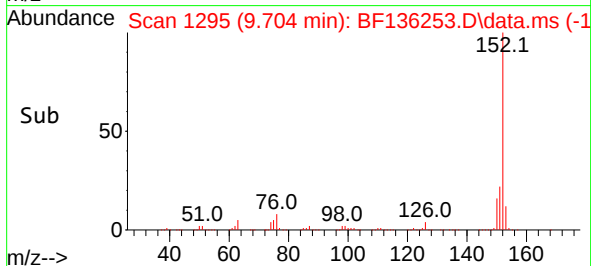


Tgt Ion:152 Resp: 1465500
Ion Ratio Lower Upper
152 100
151 21.8 17.5 26.3
153 11.7 9.6 14.4

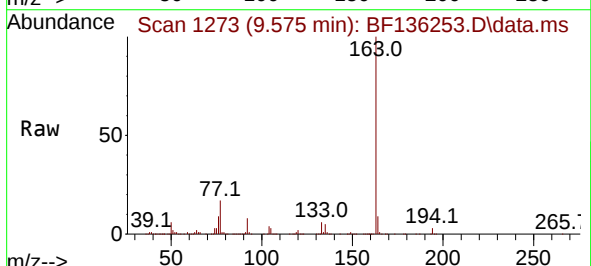
Manual Integrations

APPROVED

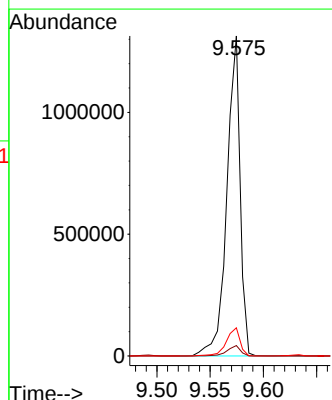
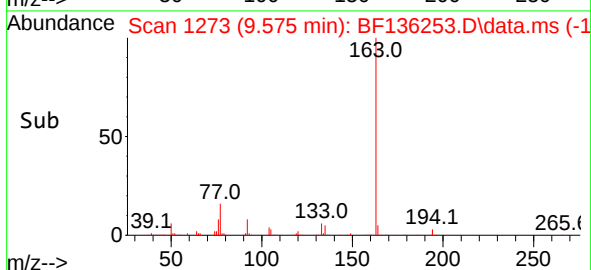
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

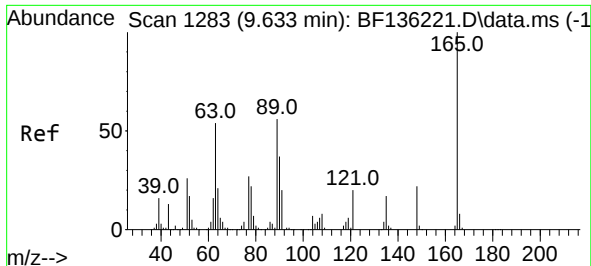


#50
Dimethylphthalate
Concen: 46.598 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:163 Resp: 1136107
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 8.8 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 46.198 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

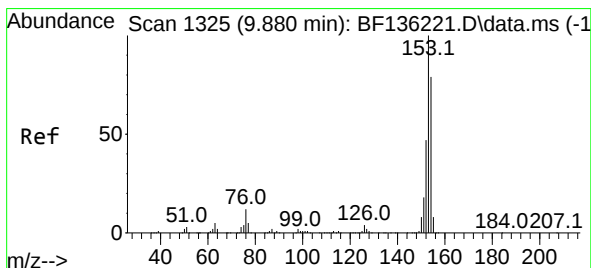
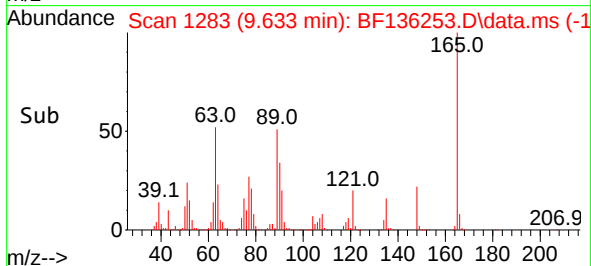
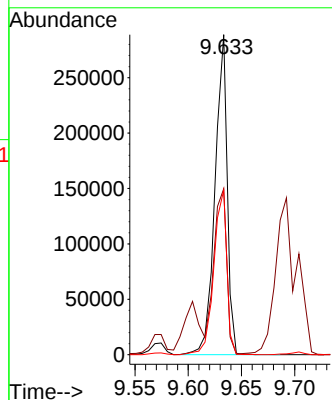
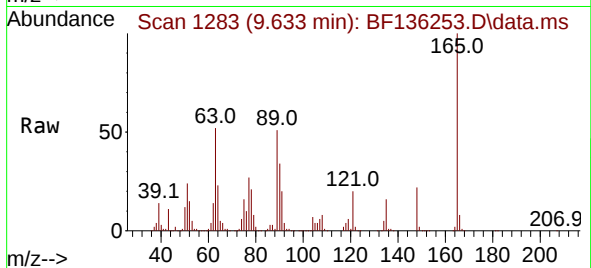
PB157378BS

Tgt Ion:165 Resp: 230108
Ion Ratio Lower Upper
165 100
63 51.9 46.2 69.2
89 51.4 44.9 67.3

Manual Integrations

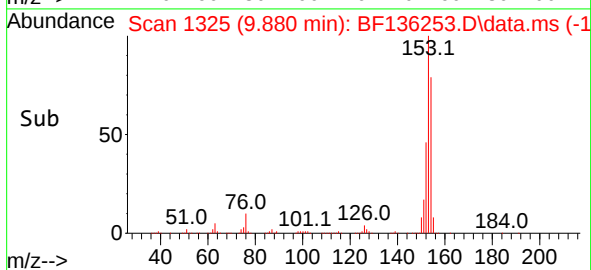
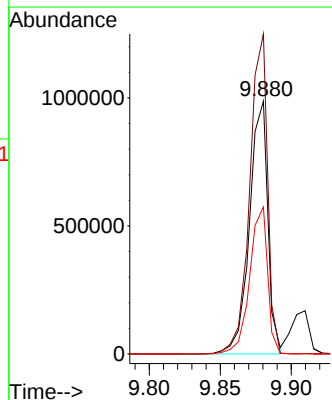
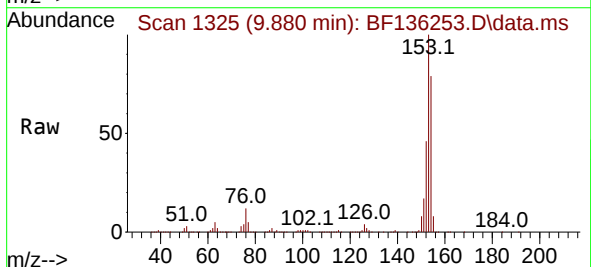
APPROVED

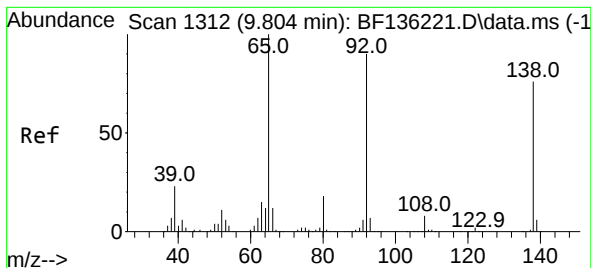
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 44.709 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:154 Resp: 890706
Ion Ratio Lower Upper
154 100
153 126.6 100.8 151.2
152 58.2 47.0 70.6





#53
3-Nitroaniline
Concen: 38.847 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

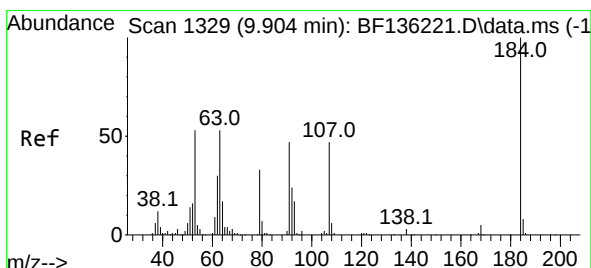
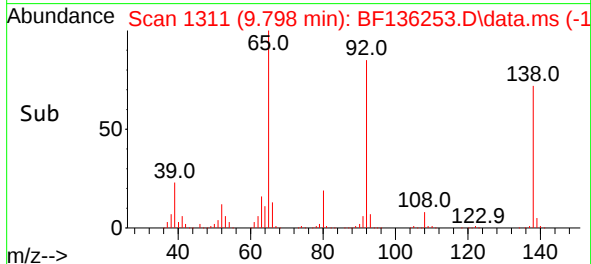
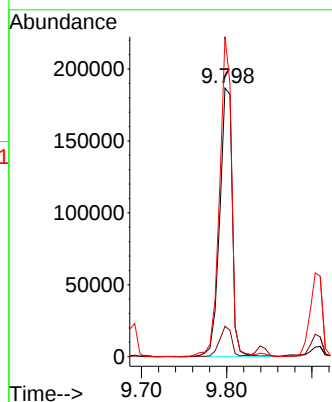
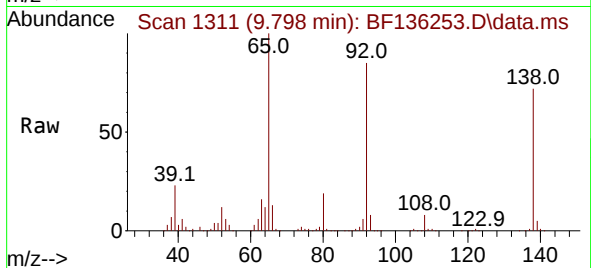
PB157378BS

Tgt Ion:138 Resp: 191992
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 119.1 94.2 141.4

Manual Integrations

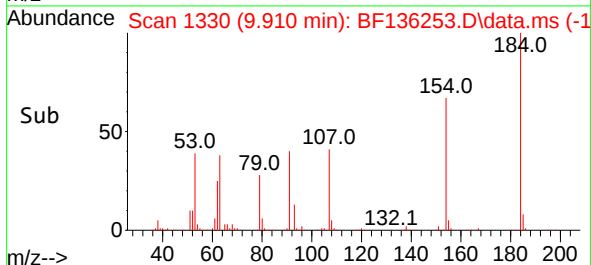
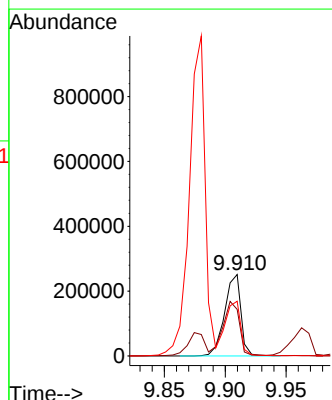
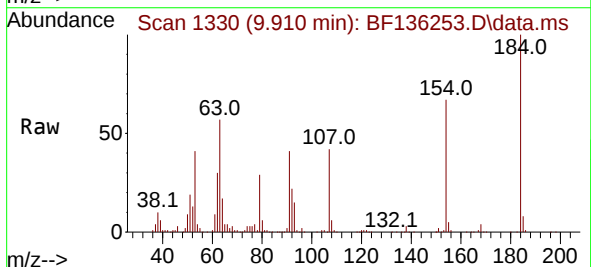
APPROVED

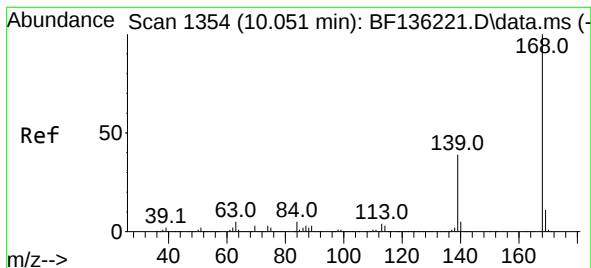
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 101.346 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

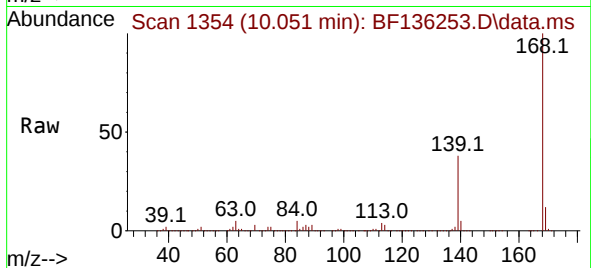
Tgt Ion:184 Resp: 234773
Ion Ratio Lower Upper
184 100
63 57.2 55.0 82.4
154 67.2 54.9 82.3





#55
Dibenzenofuran
Concen: 44.998 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

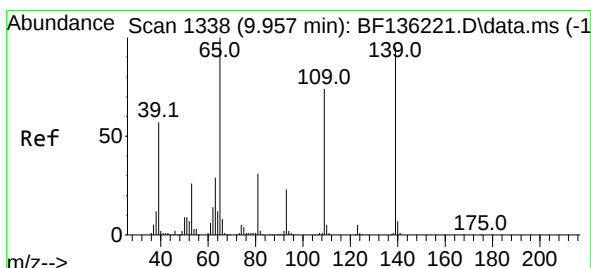
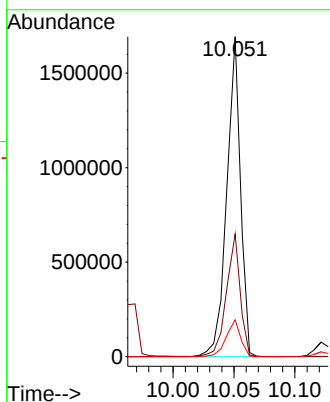
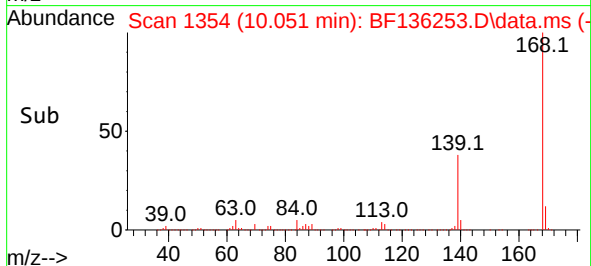
Instrument :
BNA_F
ClientSampleId :
PB157378BS



Tgt Ion:168 Resp: 1333994
Ion Ratio Lower Upper
168 100
139 38.4 30.9 46.3
169 11.6 9.1 13.7

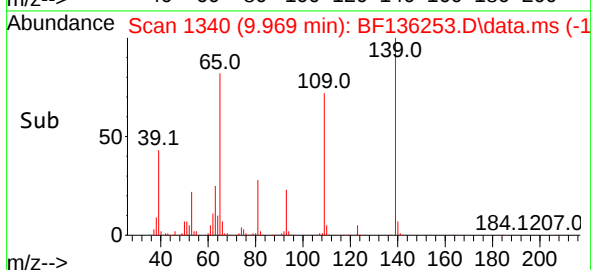
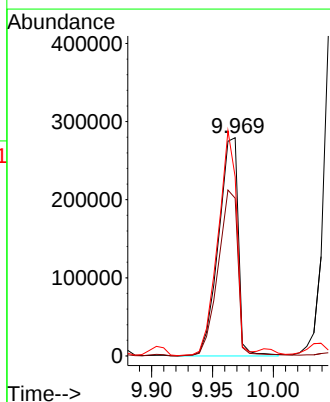
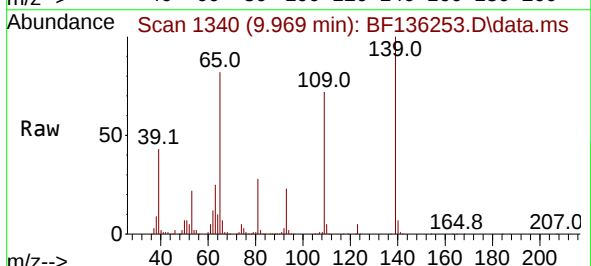
Manual Integrations
APPROVED

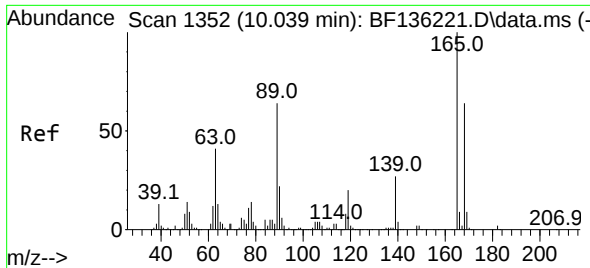
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 83.900 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:139 Resp: 314927
Ion Ratio Lower Upper
139 100
109 72.3 57.8 97.8
65 82.0 86.0 126.0#





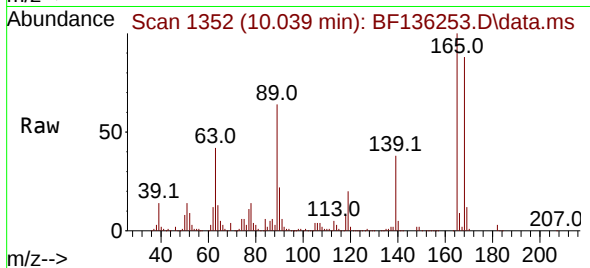
#57
2,4-Dinitrotoluene
Concen: 45.826 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

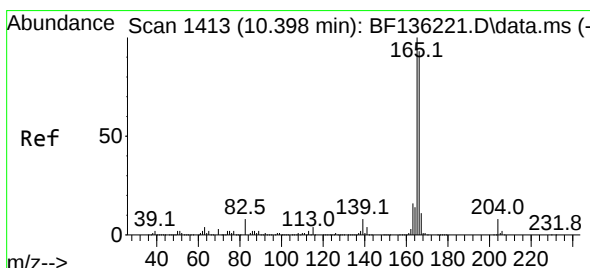
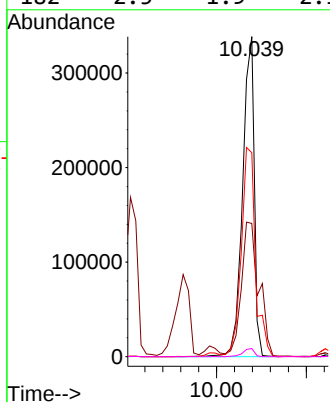
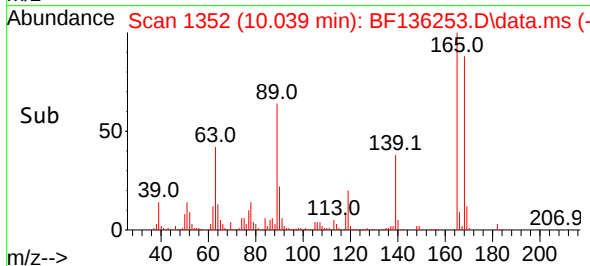


Tgt Ion:165 Resp: 304894
Ion Ratio Lower Upper
165 100
63 41.7 33.0 49.4
89 63.8 51.5 77.3
182 2.5 1.9 2.9

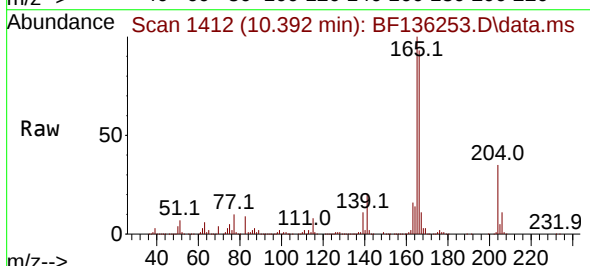
Manual Integrations

APPROVED

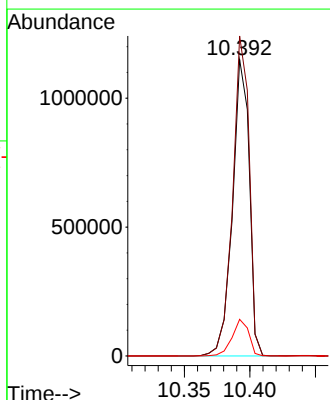
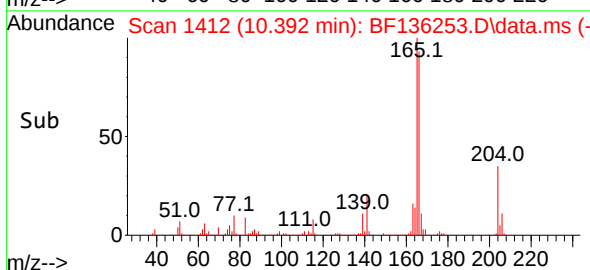
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

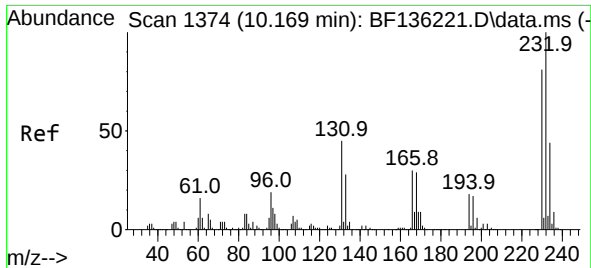


#58
Fluorene
Concen: 44.058 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:166 Resp: 1024509
Ion Ratio Lower Upper
166 100
165 108.0 86.2 129.4
167 12.3 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.255 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

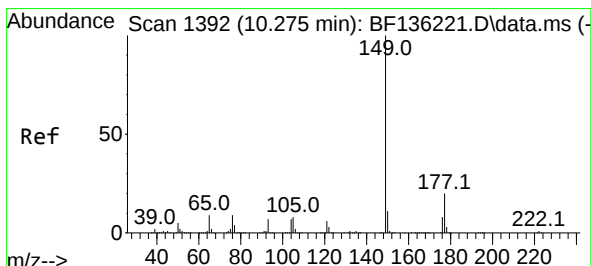
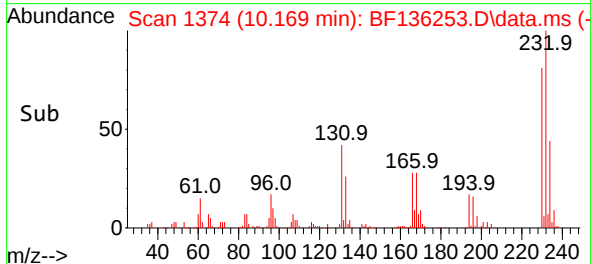
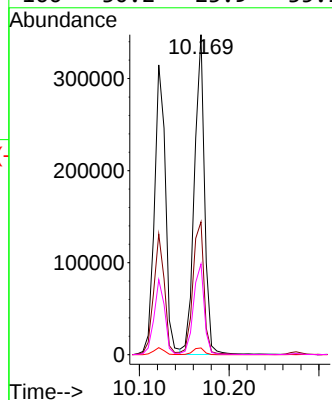
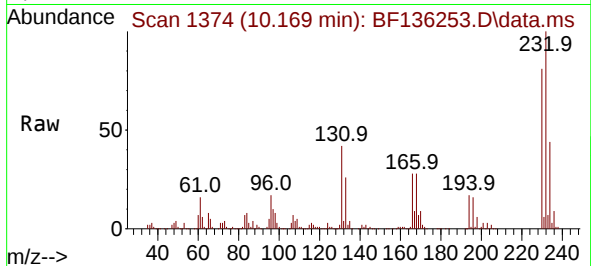
PB157378BS

Tgt Ion:232 Resp: 27340
Ion Ratio Lower Upper
232 100
131 45.4 36.4 54.6
130 2.3 1.9 2.9
166 30.2 23.9 35.9

Manual Integrations

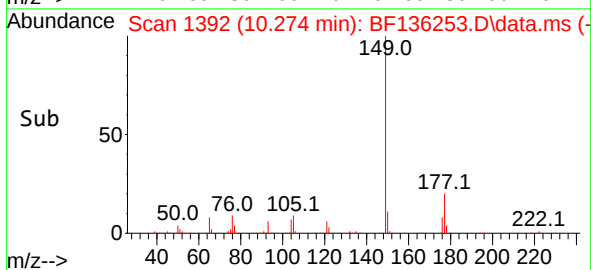
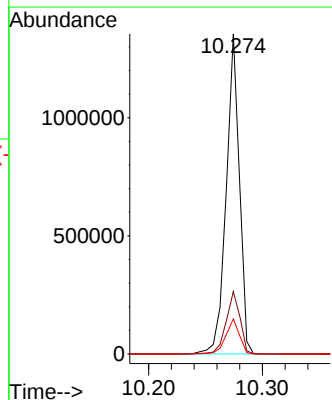
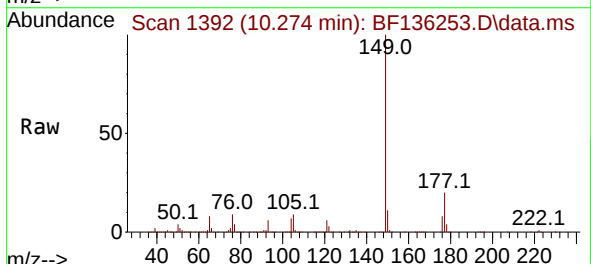
APPROVED

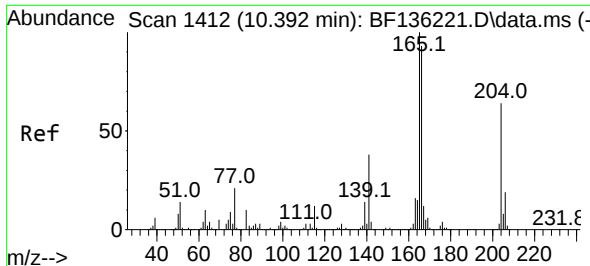
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#60
Diethylphthalate
Concen: 44.839 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:149 Resp: 1093572
Ion Ratio Lower Upper
149 100
177 19.5 15.8 23.6
150 11.0 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 44.024 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

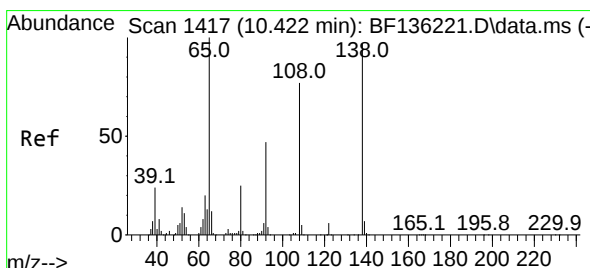
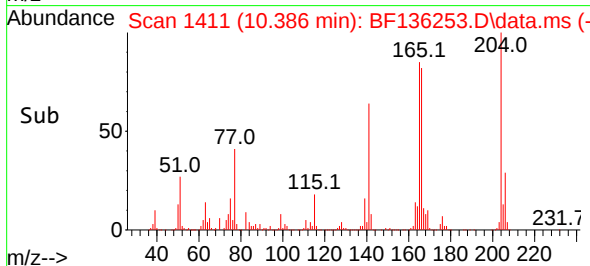
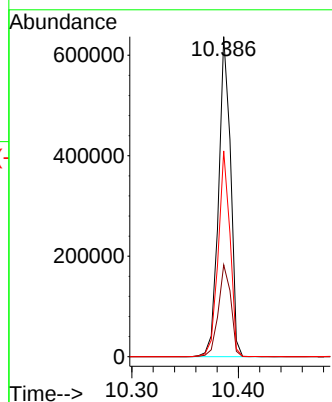
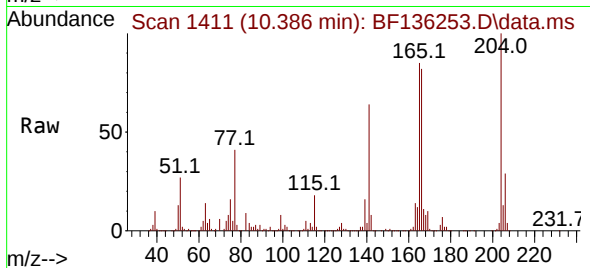
ClientSampleId :

PB157378BS

Tgt Ion:204 Resp: 49715
Ion Ratio Lower Upper
204 100
206 28.7 23.4 35.0
141 64.3 47.6 71.4

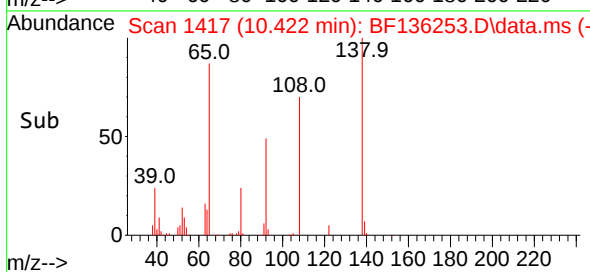
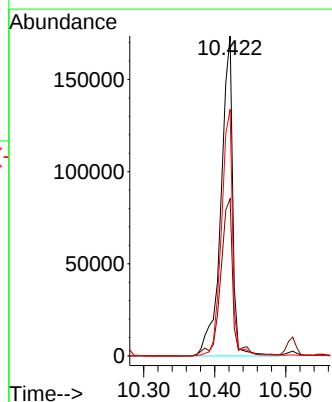
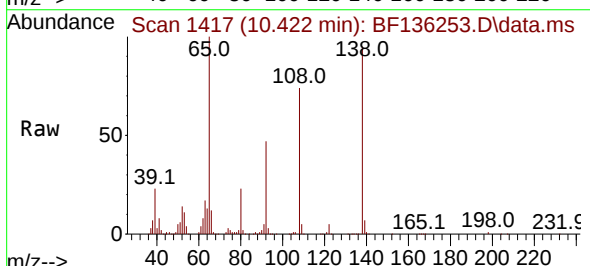
Manual Integrations
APPROVED

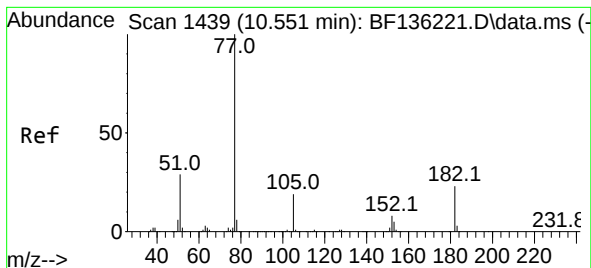
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 40.978 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:138 Resp: 198239
Ion Ratio Lower Upper
138 100
92 49.1 28.5 68.5
108 77.0 59.8 99.8





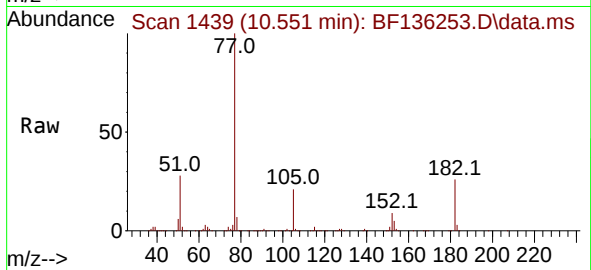
#63
Azobenzene
Concen: 44.288 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS



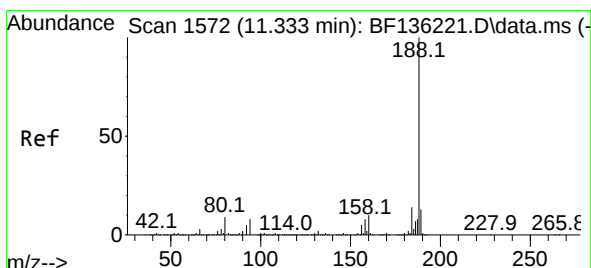
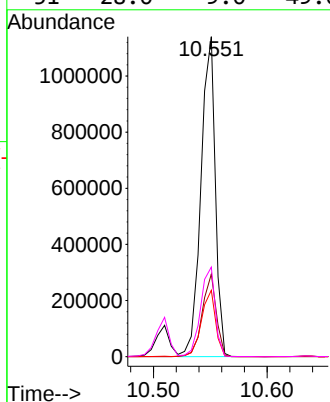
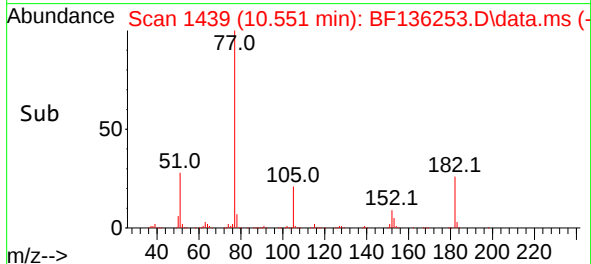
Tgt Ion: 77 Resp: 1001358
Ion Ratio Lower Upper
77 100
182 25.8 3.3 43.3
105 20.8 0.0 39.5
51 28.0 9.0 49.0

Manual Integrations

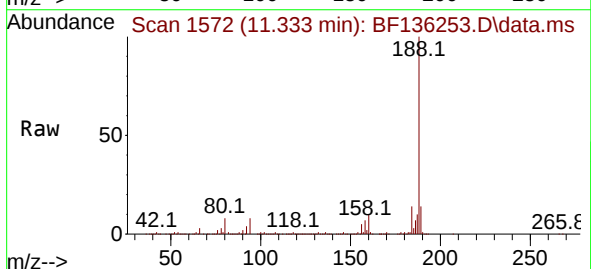
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

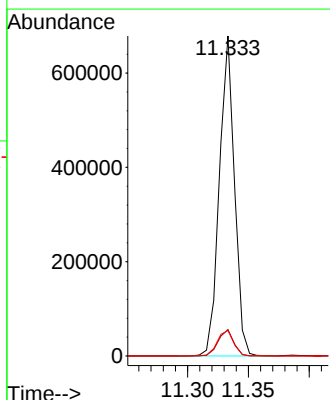
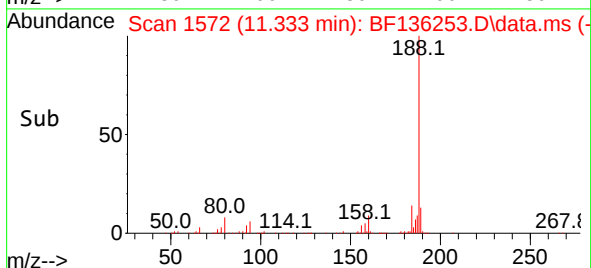
Supervised By :mohammad ahmed 12/01/2023

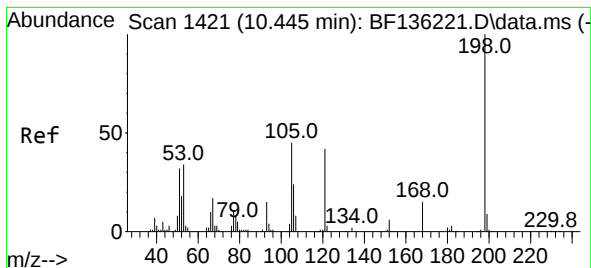


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



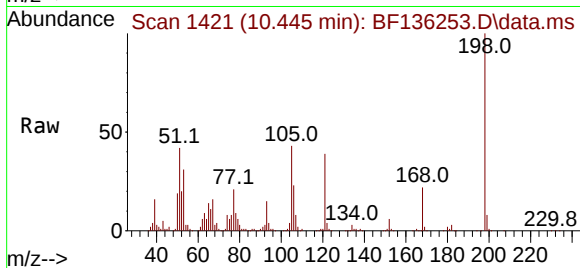
Tgt Ion:188 Resp: 587407
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 7.9 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.597 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

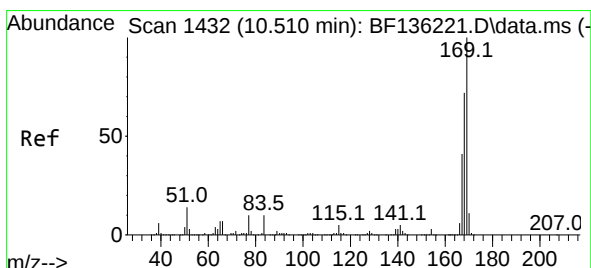
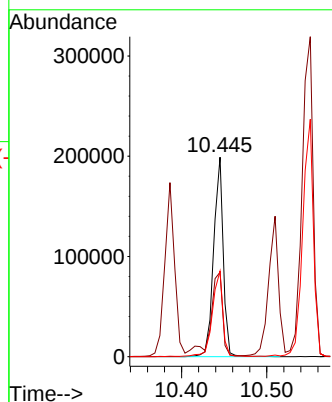
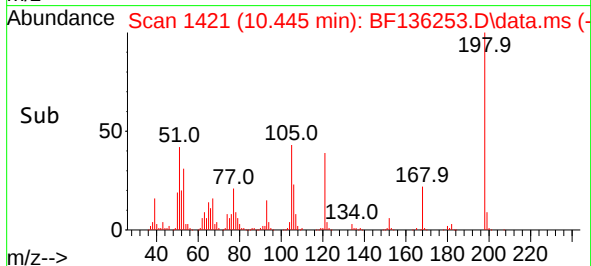
Instrument :
BNA_F
ClientSampleId :
PB157378BS



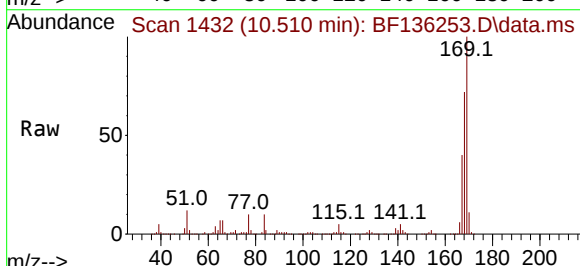
Tgt Ion:198 Resp: 15610
Ion Ratio Lower Upper
198 100
51 42.3 28.2 68.2
105 42.9 25.7 65.7

Manual Integrations
APPROVED

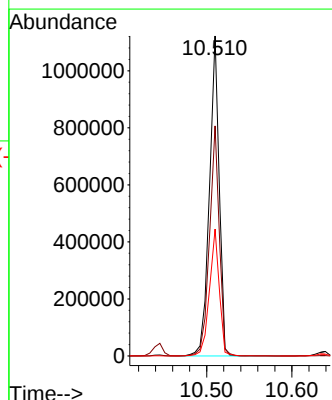
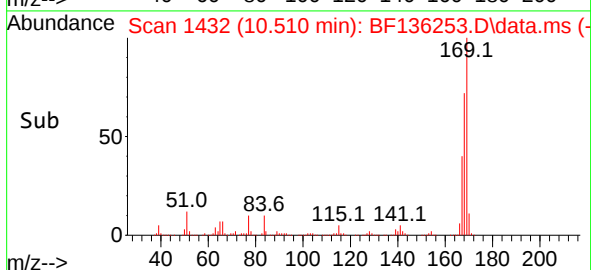
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

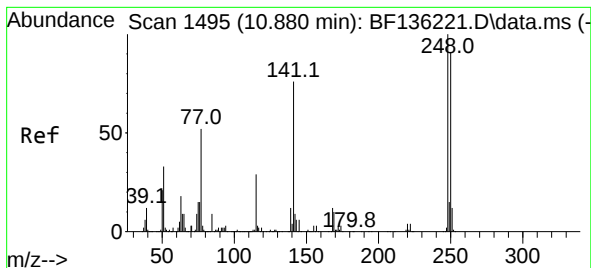


#66
n-Nitrosodiphenylamine
Concen: 47.708 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



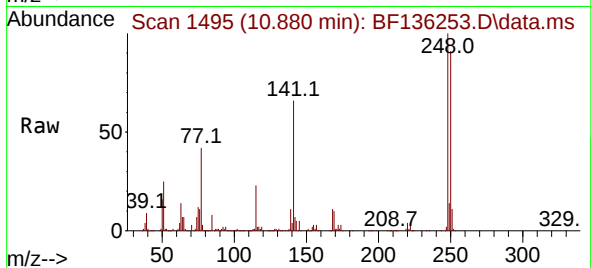
Tgt Ion:169 Resp: 898074
Ion Ratio Lower Upper
169 100
168 71.9 57.8 86.6
167 39.7 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 46.429 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

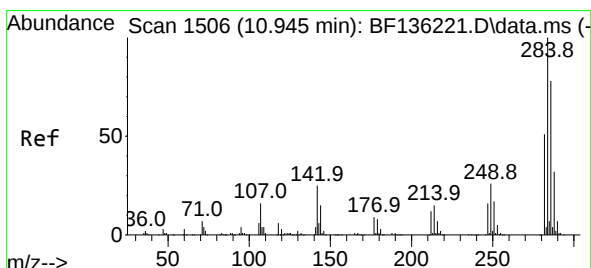
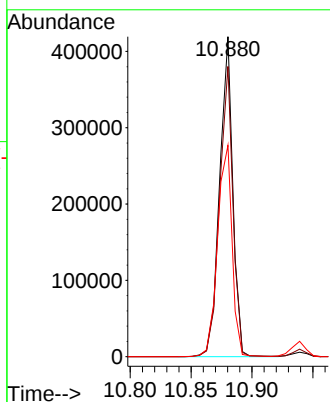
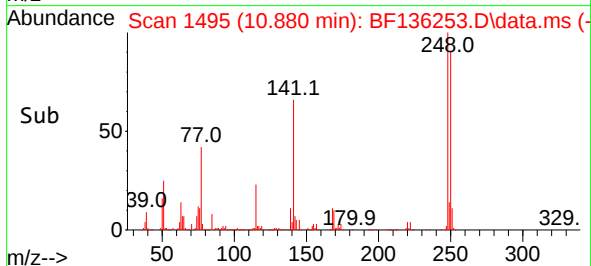
Instrument :
BNA_F
ClientSampleId :
PB157378BS



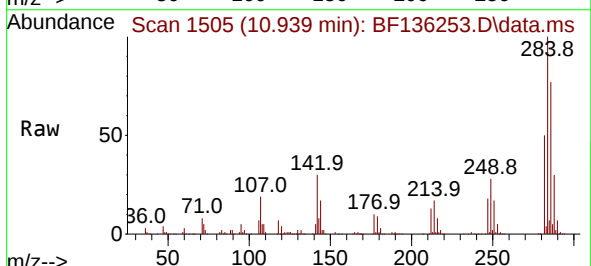
Tgt Ion:248 Resp: 31817
Ion Ratio Lower Upper
248 100
250 90.7 72.5 108.7
141 66.1 60.8 91.2

Manual Integrations
APPROVED

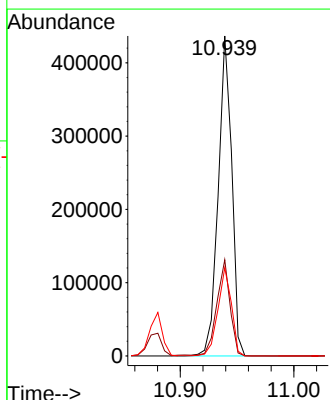
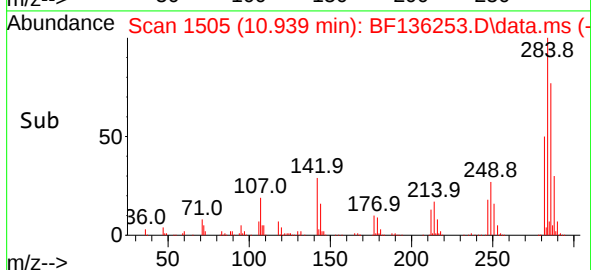
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

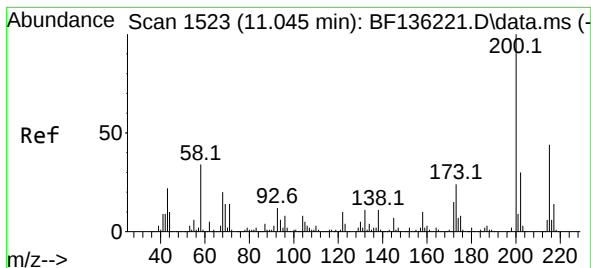


#68
Hexachlorobenzene
Concen: 45.503 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:284 Resp: 360909
Ion Ratio Lower Upper
284 100
142 30.1 19.8 29.8#
249 27.5 21.0 31.4





#69

Atrazine

Concen: 30.691 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

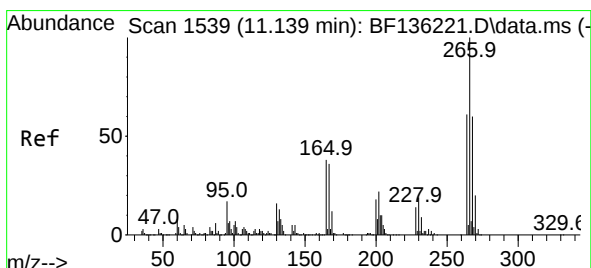
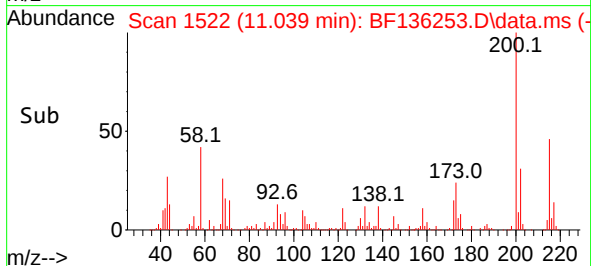
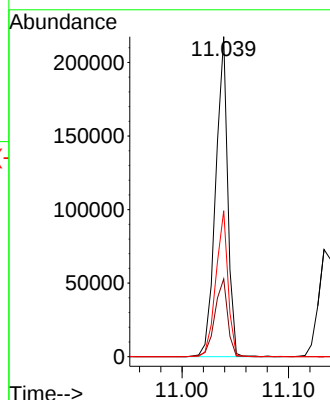
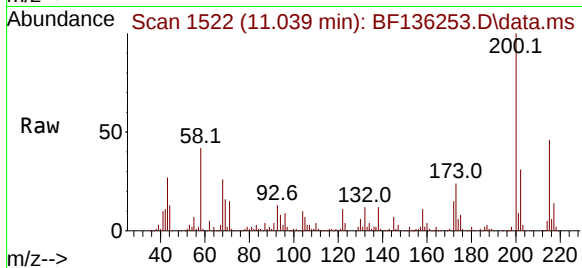
Tgt Ion:	200	Resp:	17138
Ion Ratio	Lower	Upper	
200	100		
173	24.3	4.3	44.3
215	45.6	23.8	63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#70

Pentachlorophenol

Concen: 82.697 ng

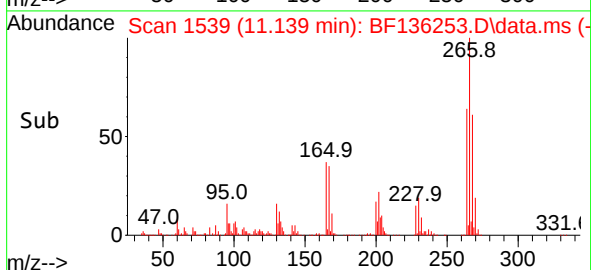
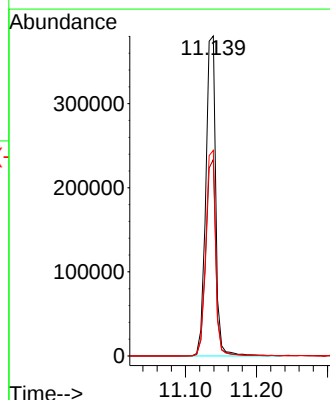
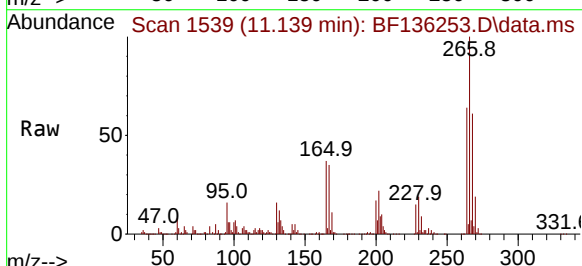
RT: 11.139 min Scan# 1539

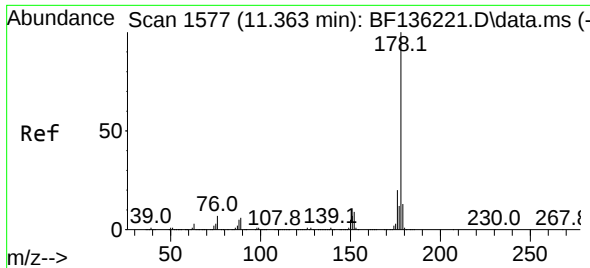
Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Tgt Ion:	266	Resp:	370760
Ion Ratio	Lower	Upper	
266	100		
268	61.4	47.9	71.9
264	64.2	49.1	73.7





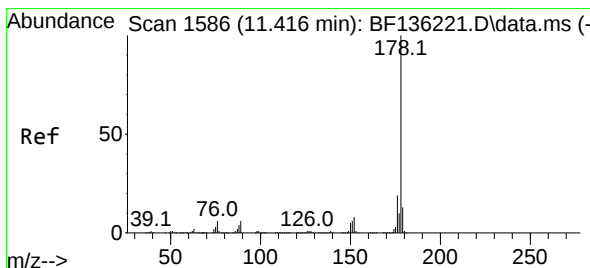
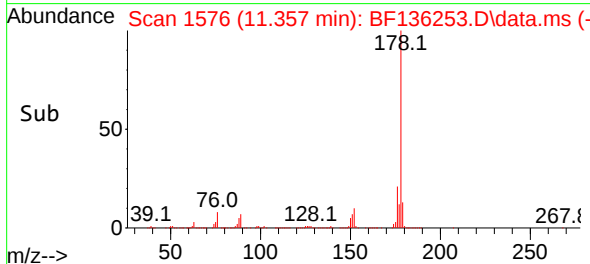
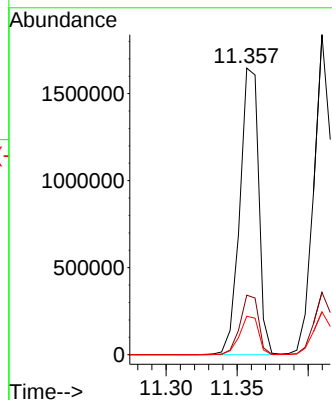
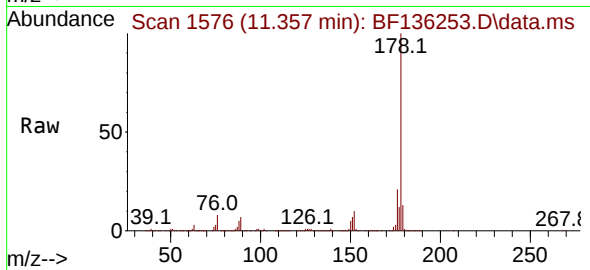
#71
Phenanthrene
Concen: 46.191 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :
BNA_F
ClientSampleId :
PB157378BS

Tgt Ion:178 Resp: 1525000
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.2
179 13.4 10.3 15.5

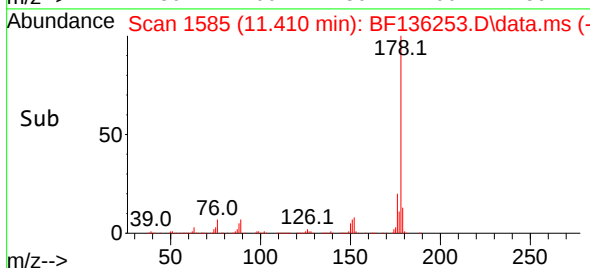
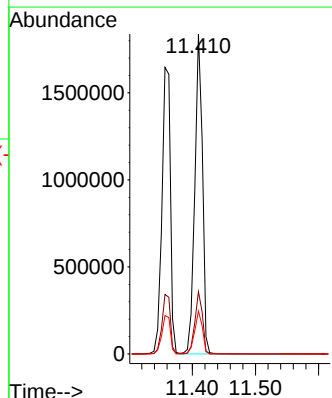
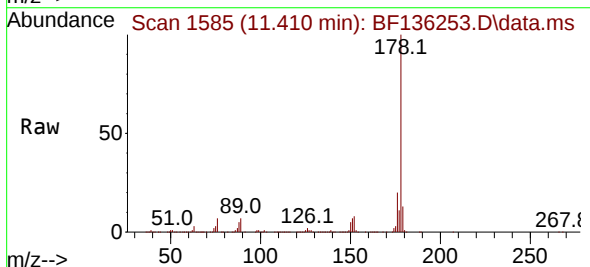
Manual Integrations
APPROVED

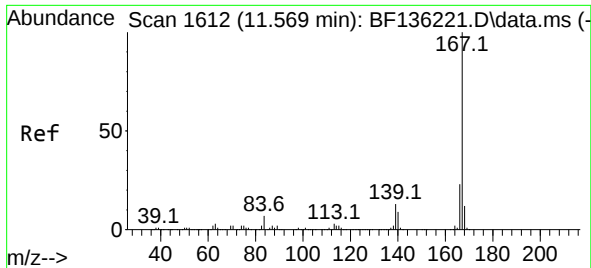
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 46.841 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

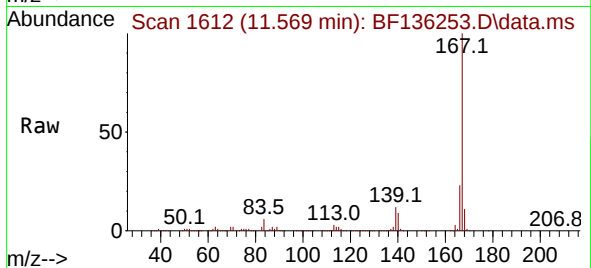
Tgt Ion:178 Resp: 1550825
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 13.4 10.5 15.7





#73
 Carbazole
 Concen: 42.621 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

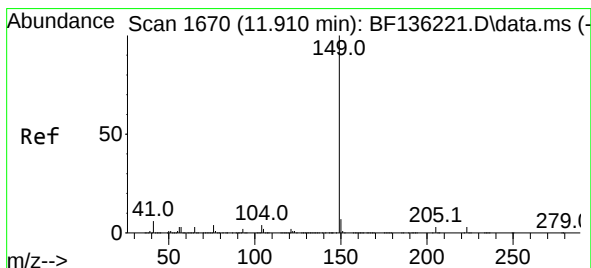
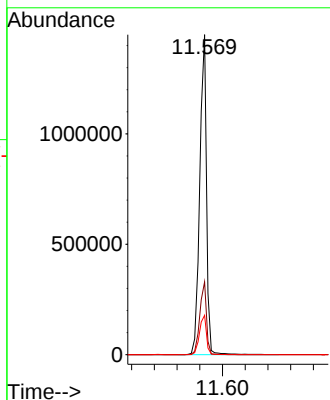
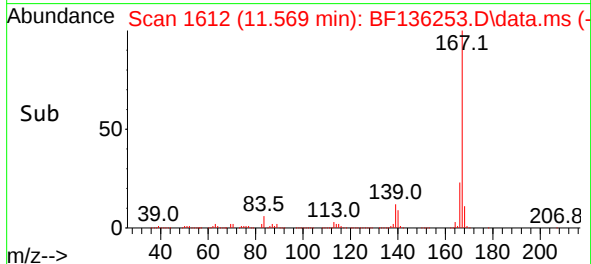
Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS



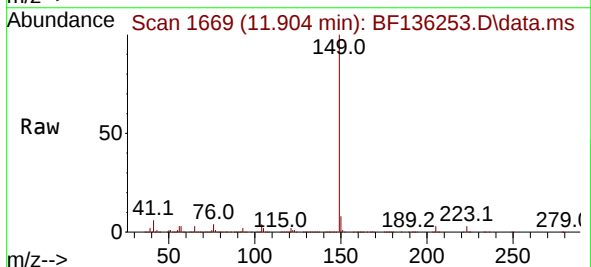
Tgt Ion:167 Resp: 1200164
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.4 27.6
 139 12.3 10.5 15.7

Manual Integrations
 APPROVED

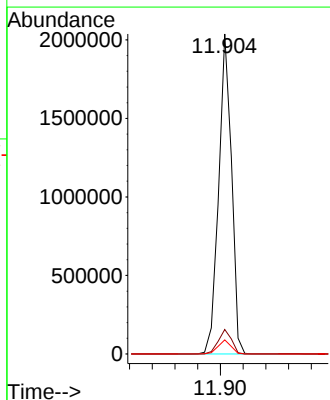
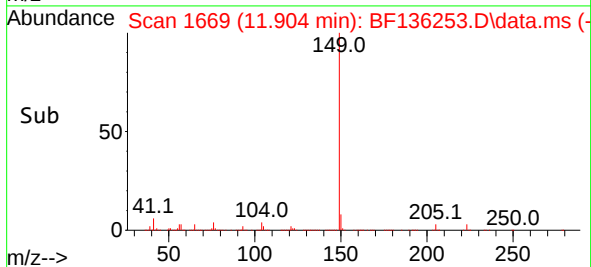
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

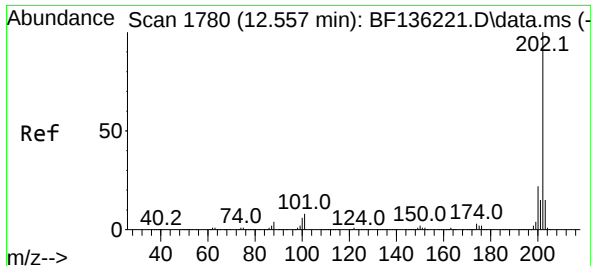


#74
 Di-n-butylphthalate
 Concen: 45.414 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17



Tgt Ion:149 Resp: 1600047
 Ion Ratio Lower Upper
 149 100
 150 7.7 6.0 9.0
 104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 41.118 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

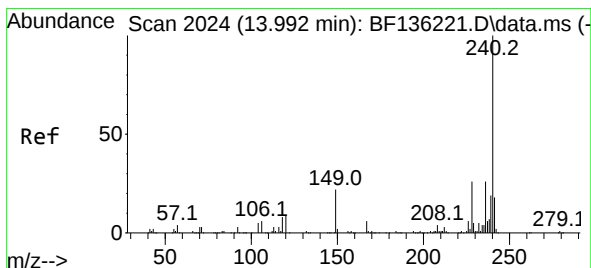
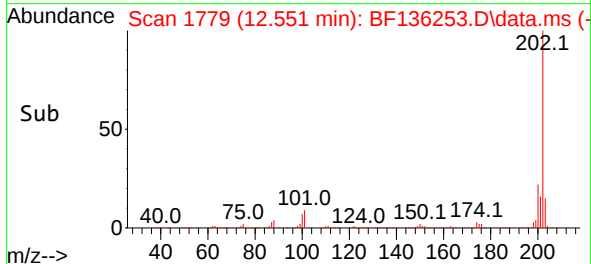
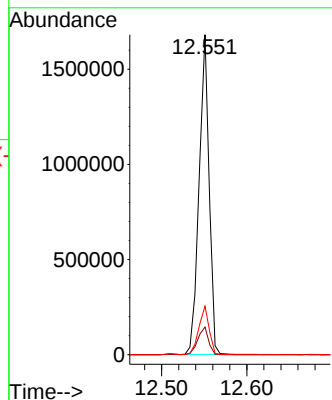
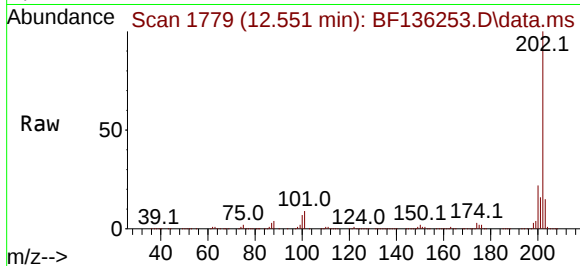
PB157378BS

Tgt Ion:202 Resp: 137810
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.8
203 15.2 0.0 34.5

Manual Integrations

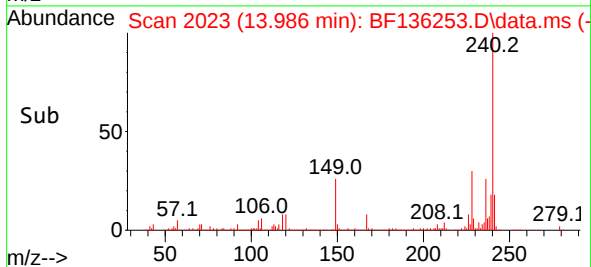
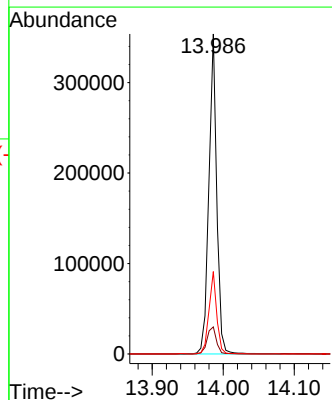
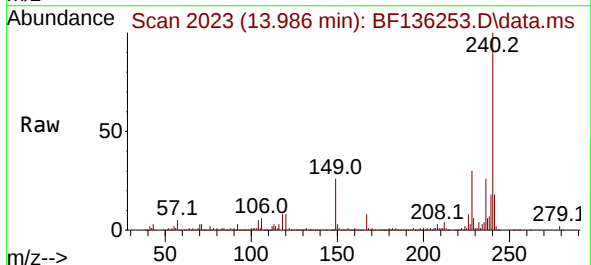
APPROVED

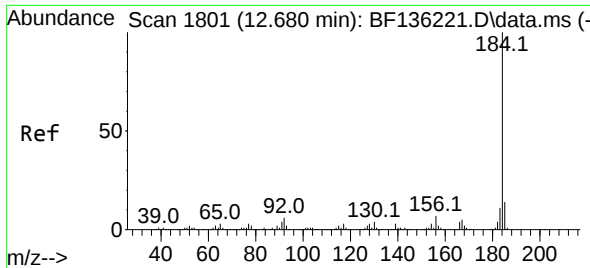
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:240 Resp: 273930
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.2
236 25.8 21.1 31.7





#77
Benzidine
Concen: 39.668 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

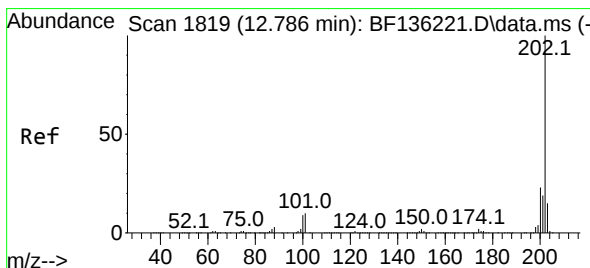
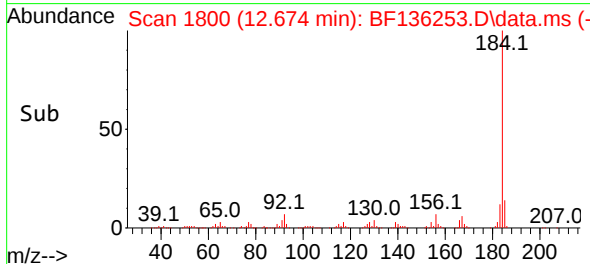
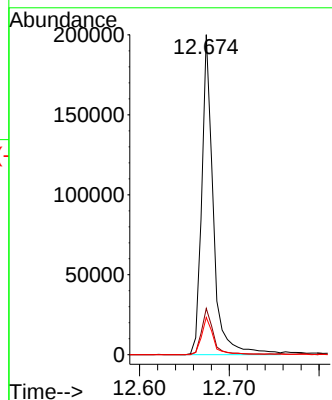
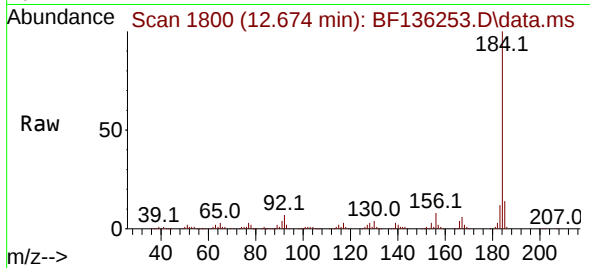
ClientSampleId :

PB157378BS

Tgt Ion:184 Resp: 17862
Ion Ratio Lower Upper
184 100
185 14.4 11.0 16.6
183 11.7 9.0 13.4

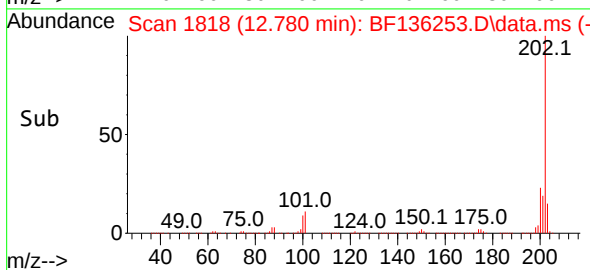
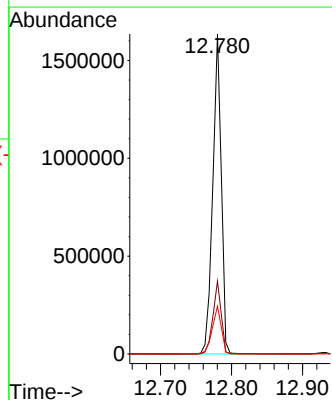
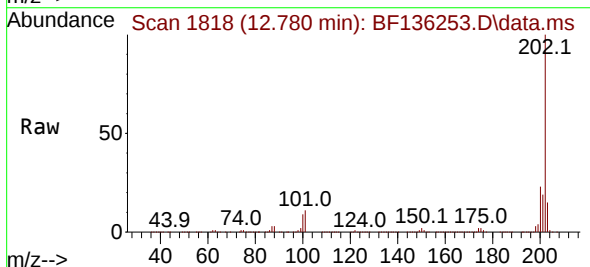
Manual Integrations
APPROVED

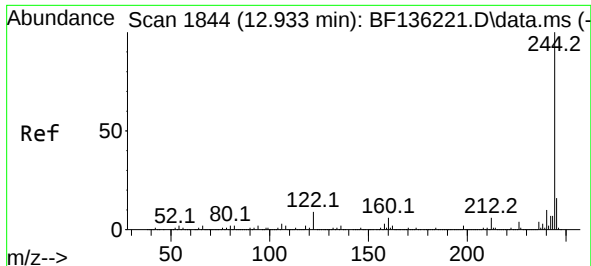
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#78
Pyrene
Concen: 45.649 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:202 Resp: 1369474
Ion Ratio Lower Upper
202 100
200 22.8 18.4 27.6
203 14.9 11.8 17.6





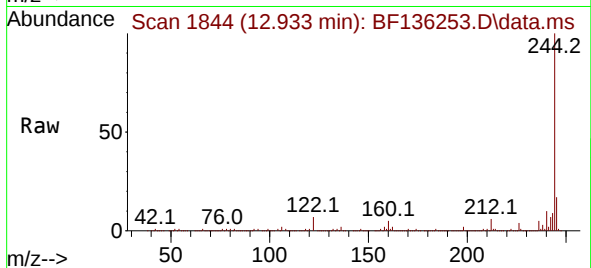
#79
 Terphenyl-d14
 Concen: 88.776 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS



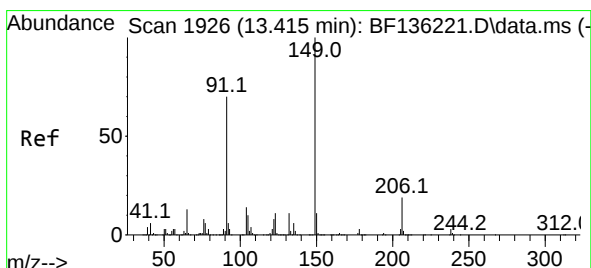
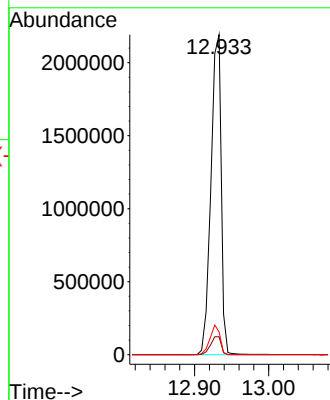
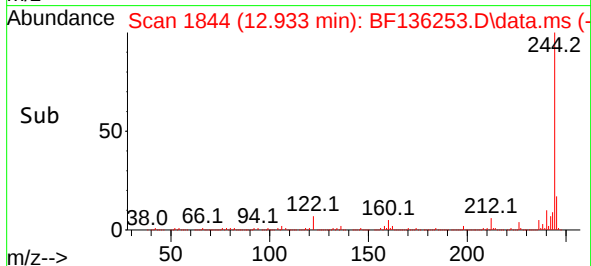
Tgt Ion:244 Resp: 2108239
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 7.2 7.3 10.9

Manual Integrations

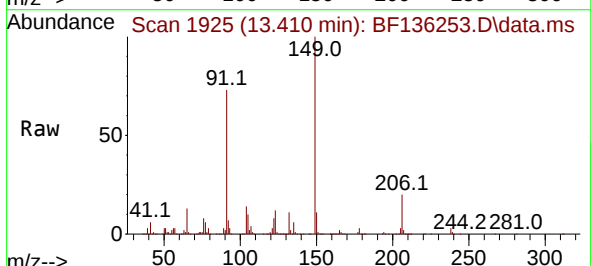
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

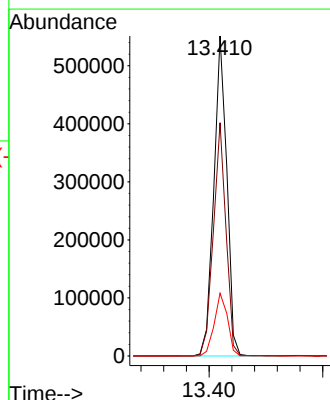
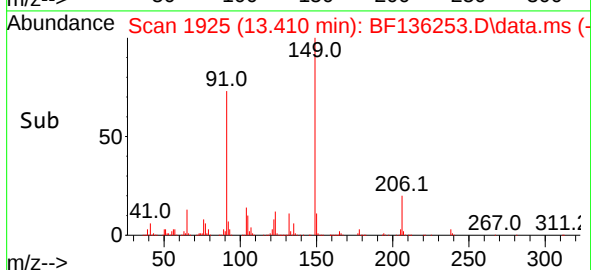
Supervised By :mohammad ahmed 12/01/2023

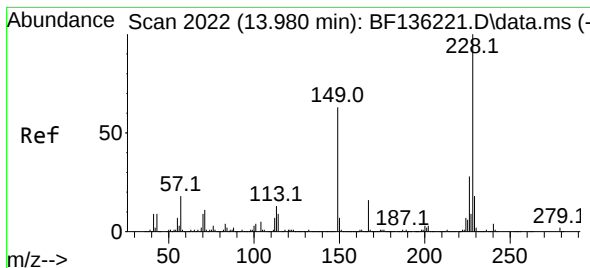


#80
 Butylbenzylphthalate
 Concen: 46.769 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17



Tgt Ion:149 Resp: 436667
 Ion Ratio Lower Upper
 149 100
 91 72.9 56.4 84.6
 206 19.6 14.8 22.2





#81

Benzo(a)anthracene

Concen: 45.352 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

Tgt Ion:228 Resp: 922752

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

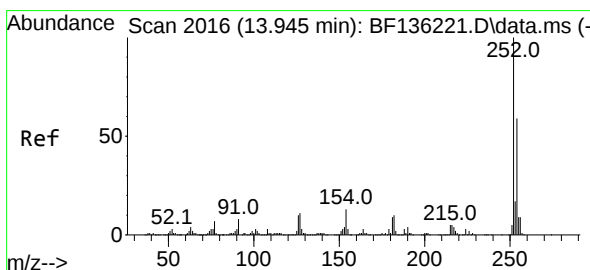
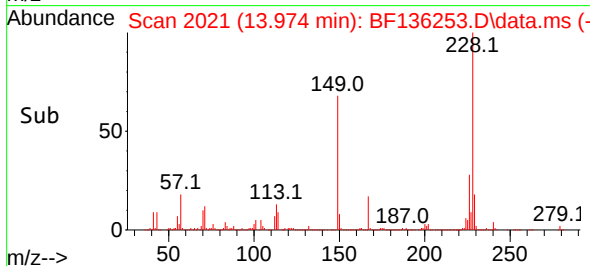
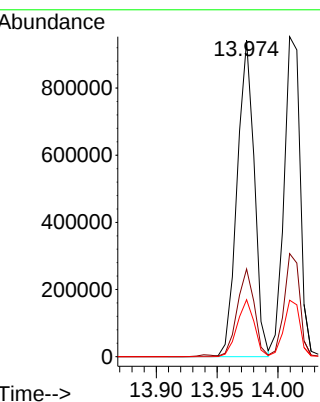
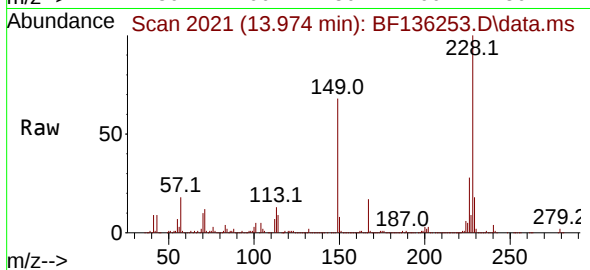
229 18.0 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 56.209 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

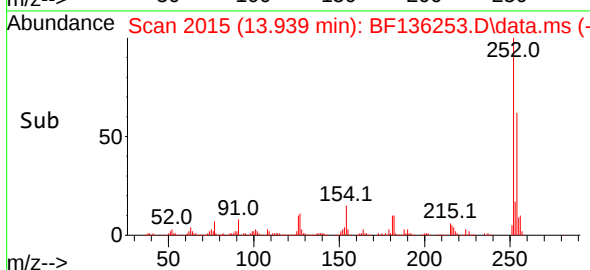
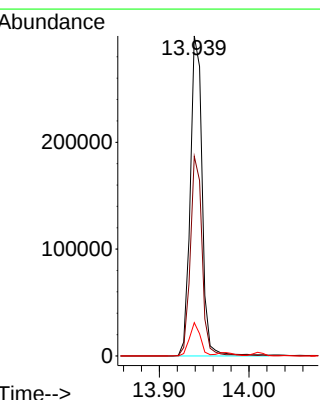
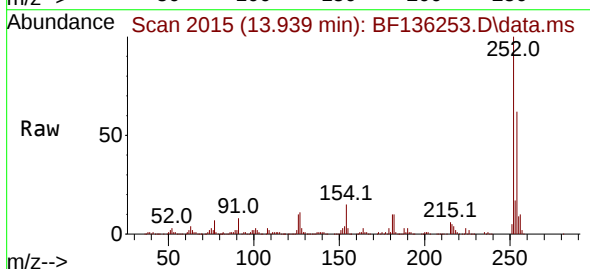
Tgt Ion:252 Resp: 275296

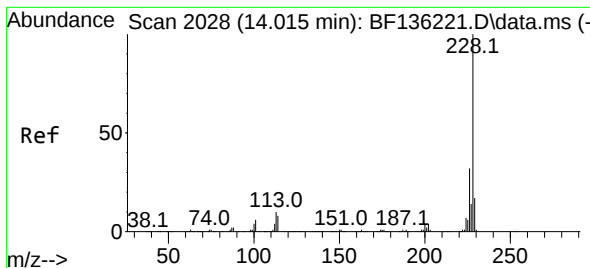
Ion Ratio Lower Upper

252 100

254 62.4 47.4 71.2

126 10.4 8.3 12.5





#83

Chrysene

Concen: 44.966 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

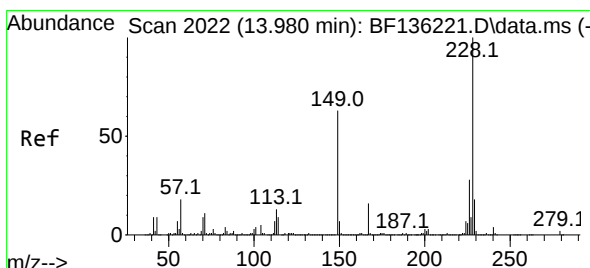
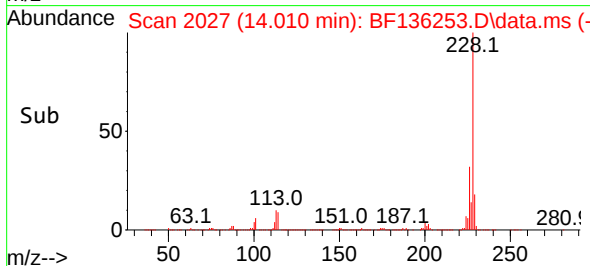
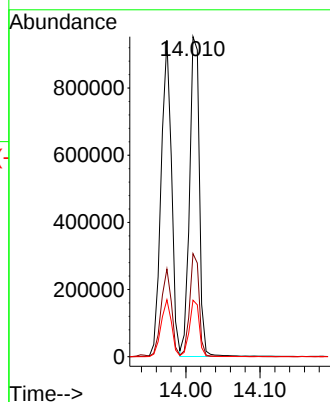
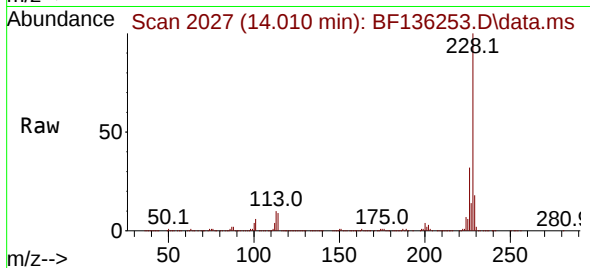
Tgt Ion:228 Resp: 883372
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.5 38.3
 229 17.6 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.508 ng

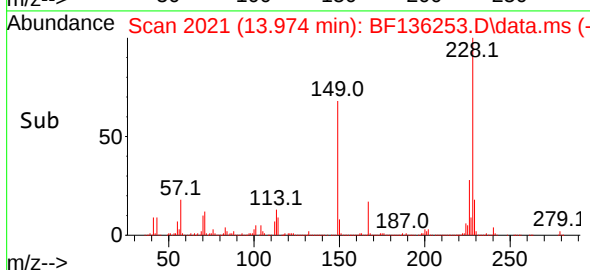
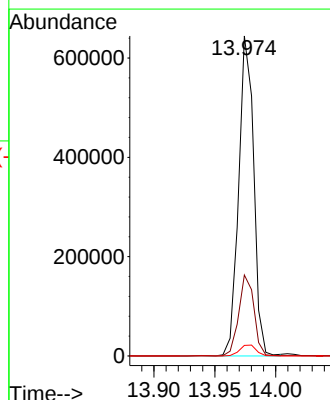
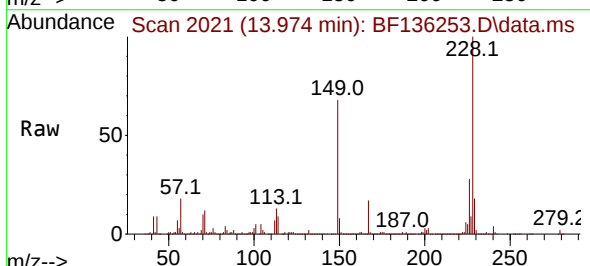
RT: 13.974 min Scan# 2021

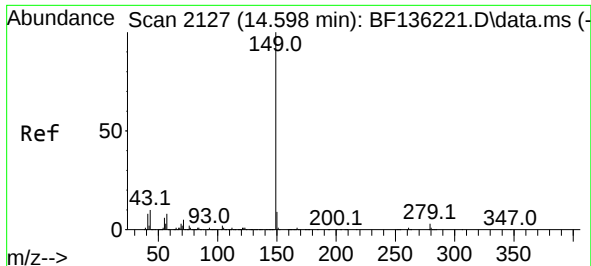
Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

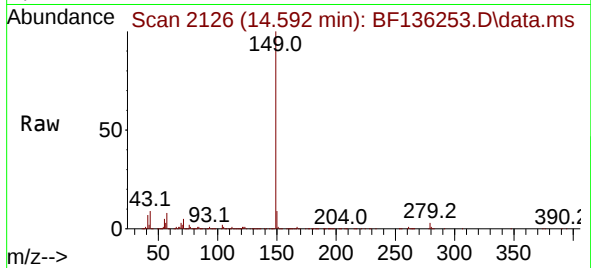
Tgt Ion:149 Resp: 554753
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.2 30.2
 279 3.3 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 52.196 ng
RT: 14.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

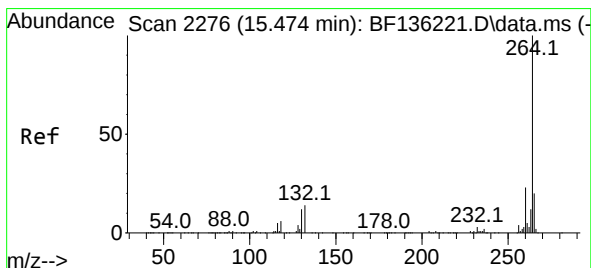
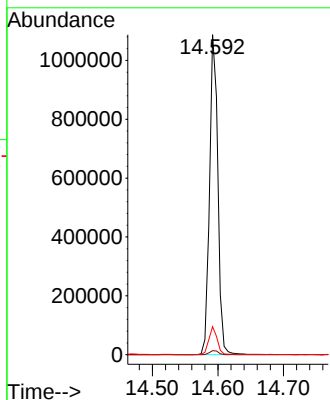
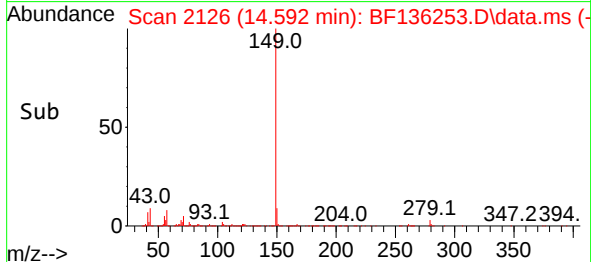
Instrument :
BNA_F
ClientSampleId :
PB157378BS



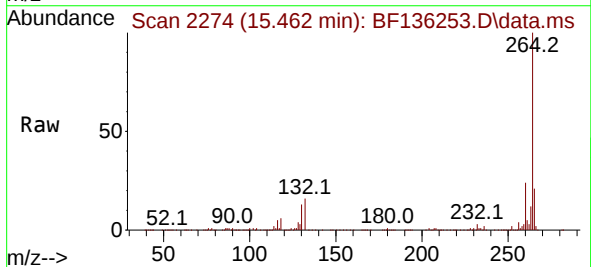
Tgt Ion:149 Resp: 959095
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 8.7 7.2 10.8

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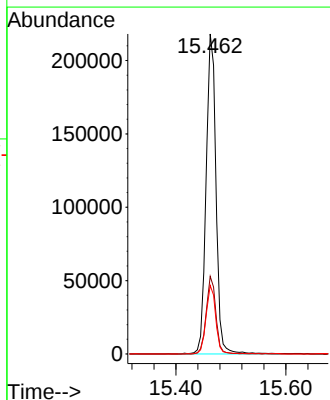
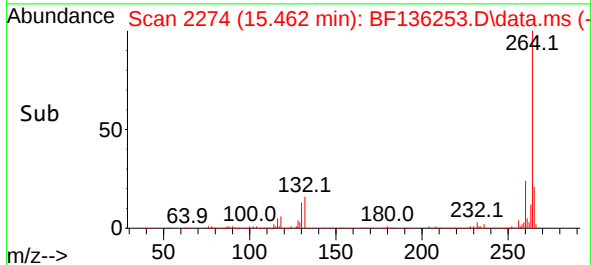
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

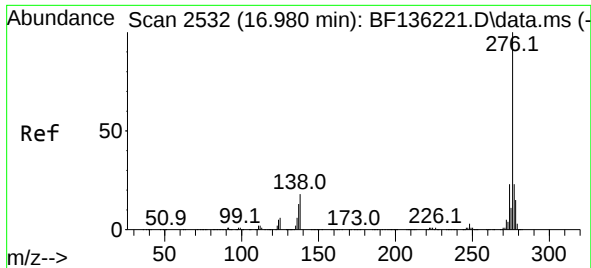


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:264 Resp: 271708
Ion Ratio Lower Upper
264 100
260 24.2 18.6 27.8
265 21.4 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.251 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

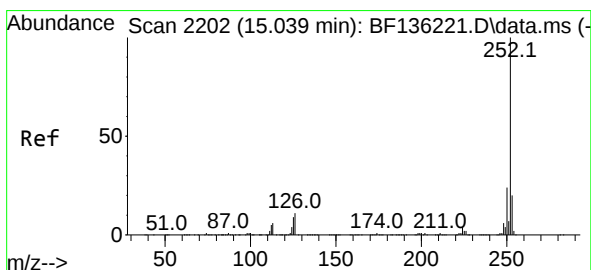
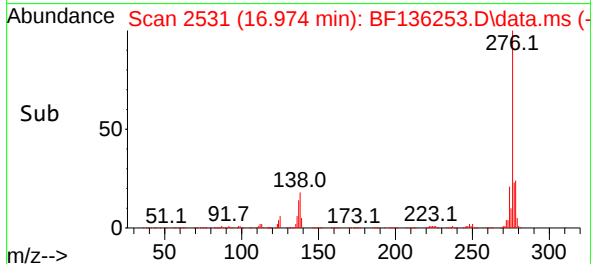
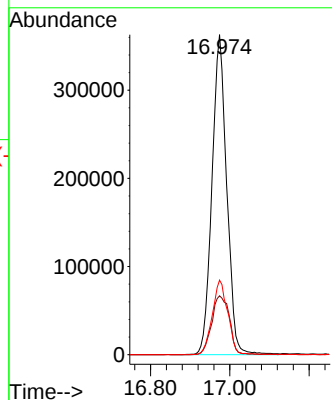
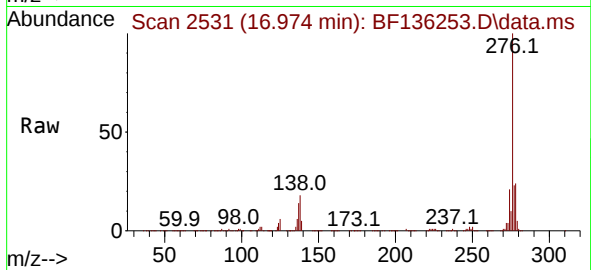
ClientSampleId :

PB157378BS

Tgt Ion:276 Resp: 93724
Ion Ratio Lower Upper
276 100
138 22.1 17.7 26.5
277 24.5 19.6 29.4

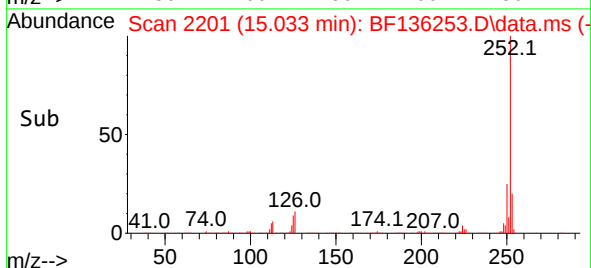
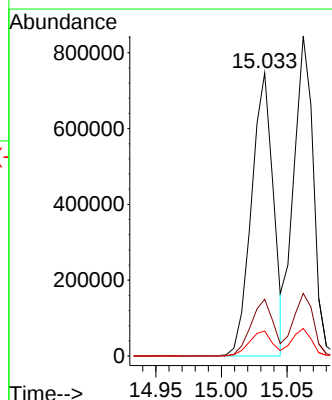
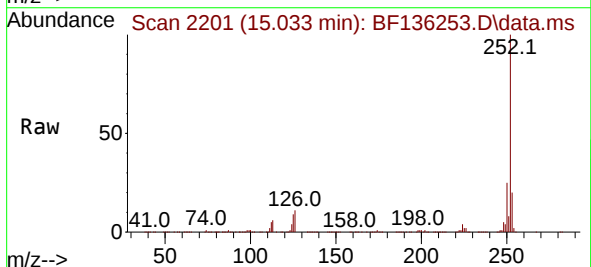
Manual Integrations
APPROVED

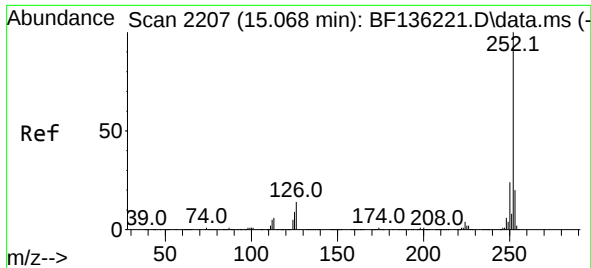
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#88
Benzo(b)fluoranthene
Concen: 45.502 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:252 Resp: 867389
Ion Ratio Lower Upper
252 100
253 20.0 16.2 24.2
125 8.8 6.9 10.3





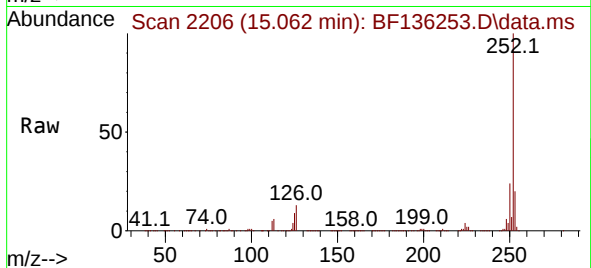
#89
Benzo(k)fluoranthene
Concen: 48.980 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

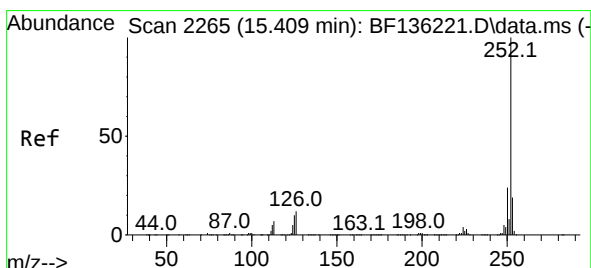
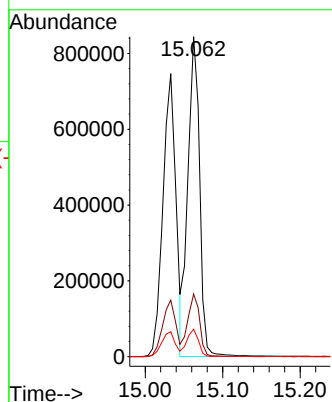
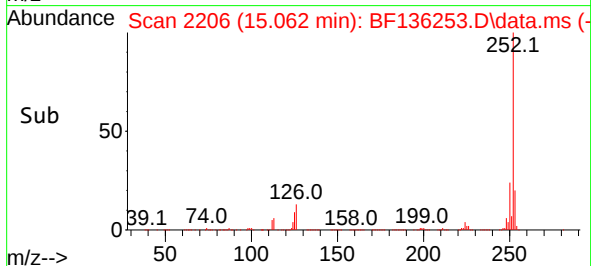


Tgt Ion:252 Resp: 88677
Ion Ratio Lower Upper
252 100
253 19.6 15.6 23.4
125 8.6 7.0 10.4

Manual Integrations

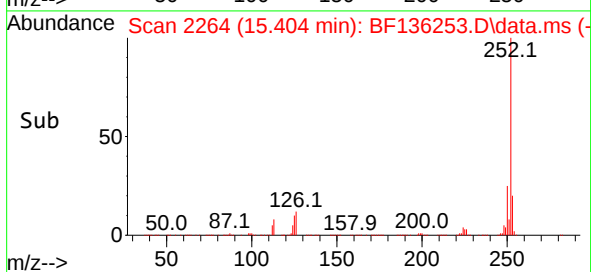
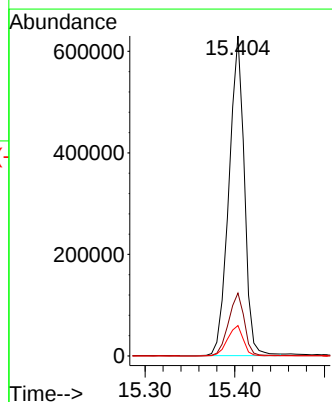
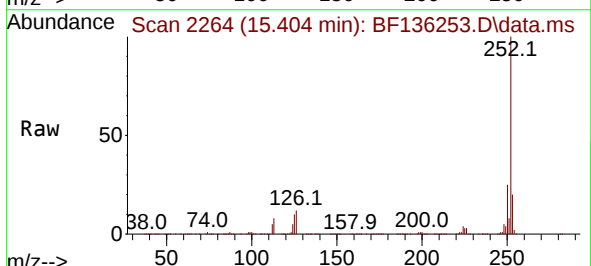
APPROVED

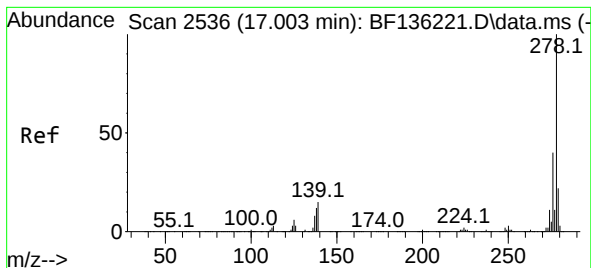
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 48.184 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:252 Resp: 750862
Ion Ratio Lower Upper
252 100
253 19.7 15.5 23.3
125 9.5 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 46.403 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

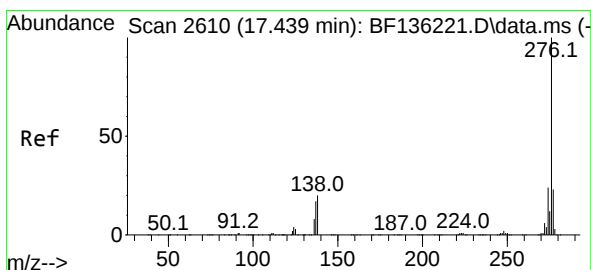
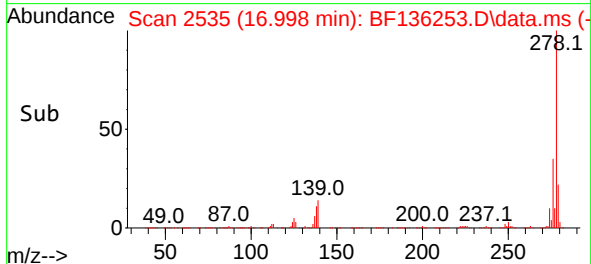
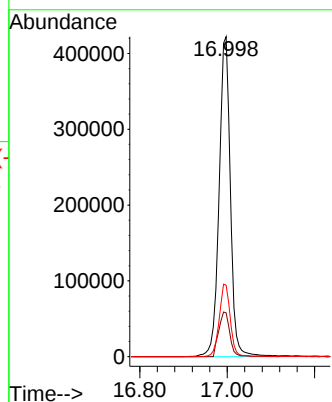
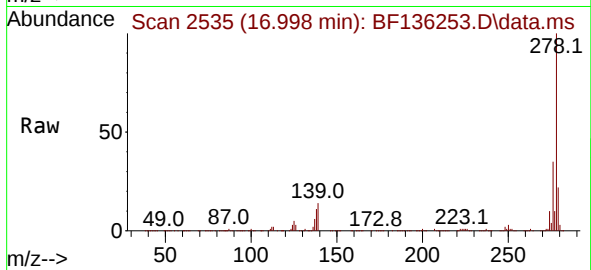
PB157378BS

Tgt Ion:278 Resp: 754830
Ion Ratio Lower Upper
278 100
139 13.7 11.7 17.5
279 22.4 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 45.459 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:276 Resp: 741851
Ion Ratio Lower Upper
276 100
277 22.5 18.6 27.8
138 18.3 15.8 23.8

