

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139623.D
 Acq On : 03 Oct 2024 11:19
 Operator : RC/JU
 Sample : PB163732BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163732BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 11:43:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	100352	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	394145	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	234306	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	443538	20.000	ng	0.00
76) Chrysene-d12	14.033	240	243056	20.000	ng	0.00
86) Perylene-d12	15.498	264	214719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	816741	141.065	ng	0.02
7) Phenol-d6	6.504	99	1098476	141.082	ng	0.00
23) Nitrobenzene-d5	7.434	82	723848	92.983	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	308141	136.234	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1360045	89.111	ng	0.00
79) Terphenyl-d14	12.980	244	1499624	101.237	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	105936	42.320	ng	98
3) Pyridine	3.493	79	294940	48.447	ng	99
4) n-Nitrosodimethylamine	3.458	42	201023	50.446	ng	100
6) Aniline	6.534	93	371591	53.782	ng	96
8) 2-Chlorophenol	6.657	128	328376	52.937	ng	98
9) Benzaldehyde	6.416	77	48674	11.801	ng	99
10) Phenol	6.522	94	426227	52.061	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	311557	46.738	ng	98
12) 1,3-Dichlorobenzene	6.810	146	332925	47.709	ng	99
13) 1,4-Dichlorobenzene	6.887	146	337535	47.758	ng	99
14) 1,2-Dichlorobenzene	7.040	146	323964	48.908	ng	99
15) Benzyl Alcohol	7.016	79	321466	54.036	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	577706	50.061	ng	86
17) 2-Methylphenol	7.128	107	271010	52.333	ng	97
18) Hexachloroethane	7.381	117	126141	47.850	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	252413	50.424	ng	99
20) 3+4-Methylphenols	7.281	107	339973	52.267	ng	94
22) Acetophenone	7.281	105	458402	48.997	ng	100
24) Nitrobenzene	7.457	77	387051	48.015	ng	100
25) Isophorone	7.693	82	698600	50.526	ng	99
26) 2-Nitrophenol	7.769	139	180132	51.979	ng	99
27) 2,4-Dimethylphenol	7.804	122	268276m	63.237	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	402364	48.733	ng	99
29) 2,4-Dichlorophenol	8.010	162	287527	51.961	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	287940	46.012	ng	99
31) Naphthalene	8.175	128	976163	48.440	ng	100
32) Benzoic acid	7.945	122	220776	52.336	ng	99
33) 4-Chloroaniline	8.222	127	206013	30.201	ng	99
34) Hexachlorobutadiene	8.287	225	184899	45.657	ng	99
35) Caprolactam	8.604	113	97411m	53.671	ng	
36) 4-Chloro-3-methylphenol	8.710	107	329063	52.532	ng	99
37) 2-Methylnaphthalene	8.863	142	649360	49.475	ng	100
38) 1-Methylnaphthalene	8.963	142	598090	46.619	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	302443	46.484	ng	98
41) Hexachlorocyclopentadiene	9.016	237	353959	177.422	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	220411	50.252	ng	99

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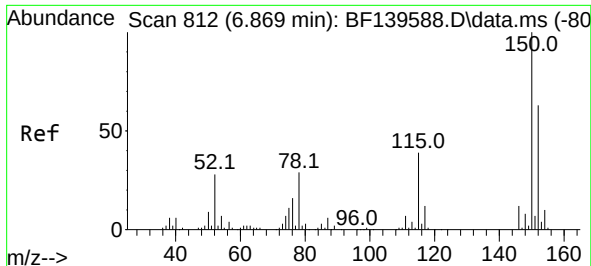
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	227256	48.045	ng	99
46) 1,1'-Biphenyl	9.328	154	818254	46.953	ng	100
47) 2-Chloronaphthalene	9.357	162	608450	46.573	ng	99
48) 2-Nitroaniline	9.451	65	243859	51.998	ng	98
49) Acenaphthylene	9.769	152	1018315	51.254	ng	100
50) Dimethylphthalate	9.634	163	768664	50.115	ng	100
51) 2,6-Dinitrotoluene	9.698	165	167755	48.417	ng	95
52) Acenaphthene	9.945	154	741021m	54.329	ng	
53) 3-Nitroaniline	9.863	138	127079	35.891	ng	99
54) 2,4-Dinitrophenol	9.975	184	218580	117.291	ng	98
55) Dibenzofuran	10.116	168	922493	48.305	ng	99
56) 4-Nitrophenol	10.034	139	276117	102.262	ng	99
57) 2,4-Dinitrotoluene	10.104	165	226741	50.066	ng	94
58) Fluorene	10.457	166	740562	48.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	198244	51.891	ng	99
60) Diethylphthalate	10.334	149	782353	49.384	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	358349	47.091	ng	100
62) 4-Nitroaniline	10.486	138	181366	50.078	ng	99
63) Azobenzene	10.610	77	797315	50.045	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	134751	53.792	ng	99
66) n-Nitrosodiphenylamine	10.569	169	658455	50.364	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	220460	48.478	ng	99
68) Hexachlorobenzene	11.004	284	238622	47.287	ng	100
69) Atrazine	11.098	200	215590	61.461	ng	99
70) Pentachlorophenol	11.198	266	283902	94.483	ng	99
71) Phenanthrene	11.422	178	1046356	50.033	ng	100
72) Anthracene	11.475	178	1066897	51.567	ng	100
73) Carbazole	11.628	167	973262	48.979	ng	100
74) Di-n-butylphthalate	11.951	149	1235440	51.127	ng	100
75) Fluoranthene	12.604	202	1106436	48.398	ng	99
77) Benzidine	12.727	184	341109	79.564	ng	100
78) Pyrene	12.839	202	1125751	51.786	ng	99
80) Butylbenzylphthalate	13.451	149	430637	55.382	ng	99
81) Benzo(a)anthracene	14.022	228	800055	50.066	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	201669	41.236	ng	99
83) Chrysene	14.063	228	745324	51.015	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	570066	58.712	ng	99
85) Di-n-octyl phthalate	14.621	149	816047	57.208	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	685986	54.280	ng	100
88) Benzo(b)fluoranthene	15.074	252	638415	45.984	ng	99
89) Benzo(k)fluoranthene	15.104	252	624186	53.001	ng	100
90) Benzo(a)pyrene	15.439	252	588055	53.718	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	563126	53.723	ng	99
92) Benzo(g,h,i)perylene	17.427	276	520250	49.489	ng	99

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



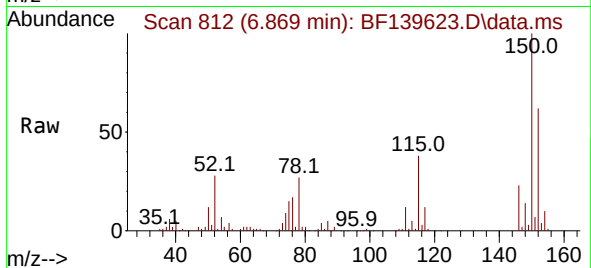
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

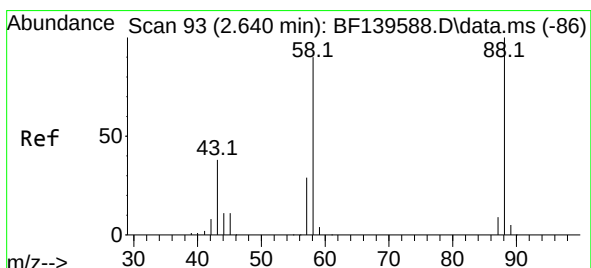
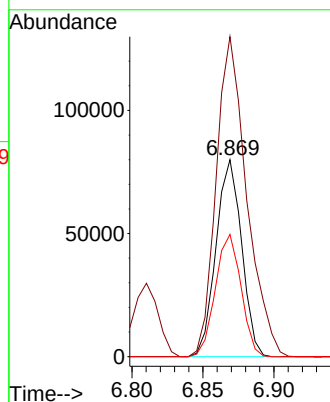
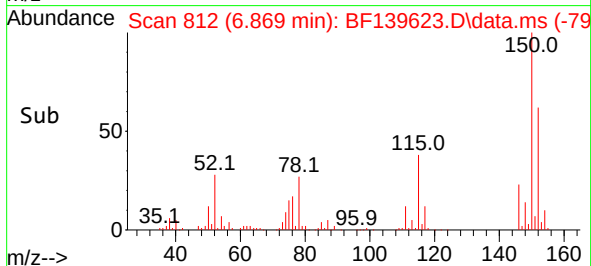


Tgt Ion:152 Resp: 100352
Ion Ratio Lower Upper
152 100
150 162.5 127.2 190.8
115 62.1 49.0 73.4

Manual Integrations

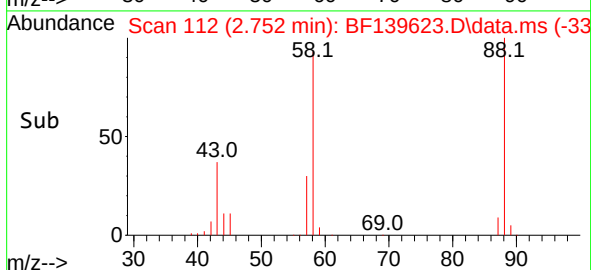
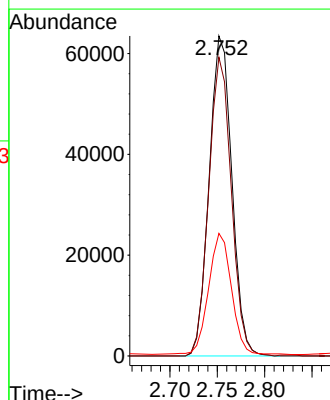
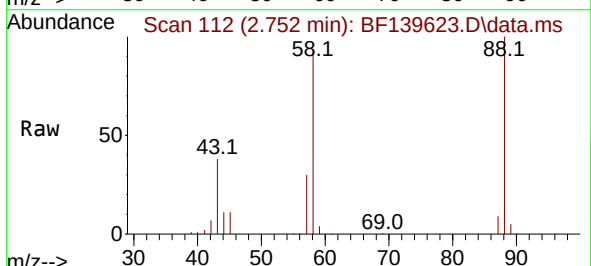
APPROVED

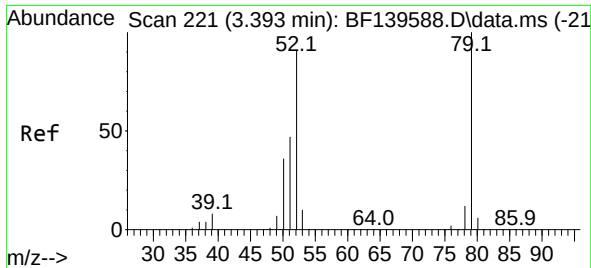
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#2
1,4-Dioxane
Concen: 42.320 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.112 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion: 88 Resp: 105936
Ion Ratio Lower Upper
88 100
58 93.0 72.0 108.0
43 38.2 30.8 46.2





#3

Pyridine

Concen: 48.447 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.100 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

Tgt Ion: 79 Resp: 294940

Ion Ratio Lower Upper

79 100

52 90.7 72.6 109.0

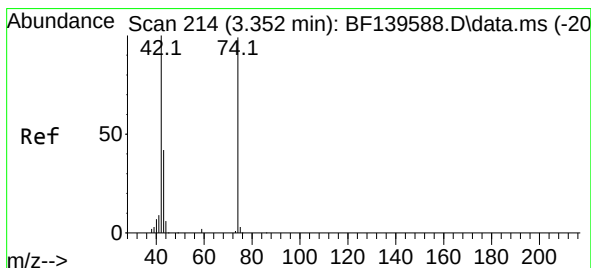
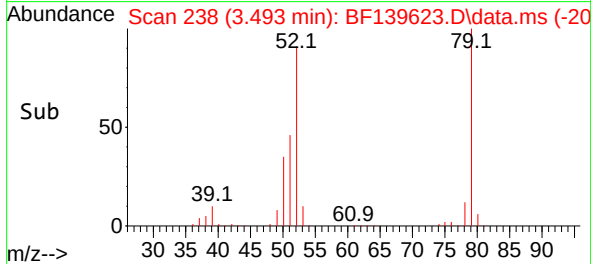
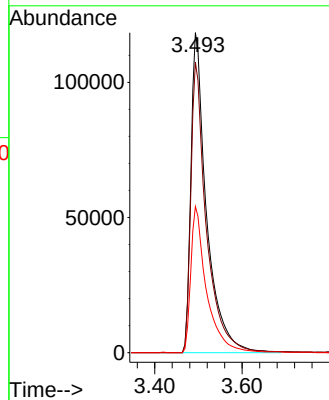
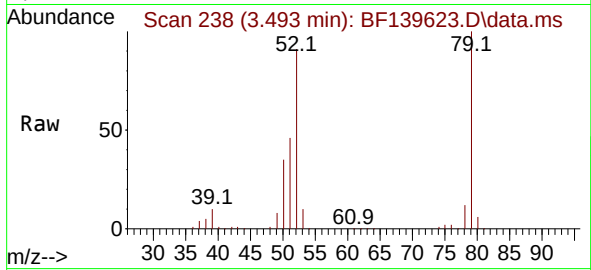
51 45.7 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2024



#4

n-Nitrosodimethylamine

Concen: 50.446 ng

RT: 3.458 min Scan# 232

Delta R.T. 0.106 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

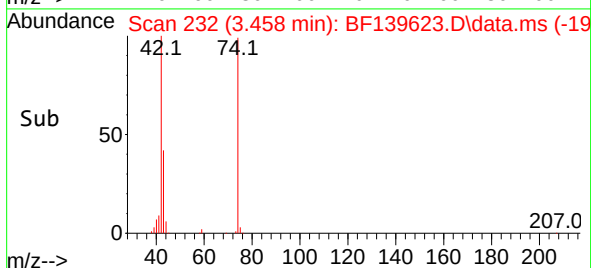
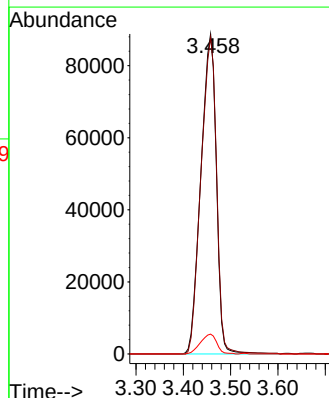
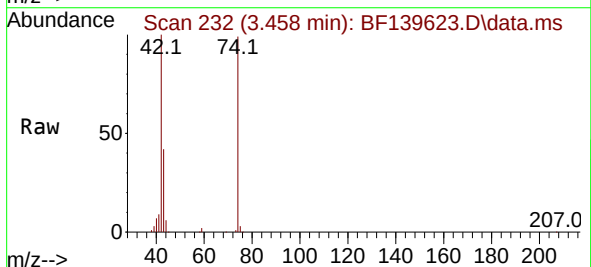
Tgt Ion: 42 Resp: 201023

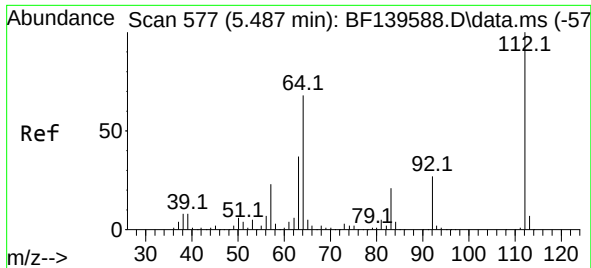
Ion Ratio Lower Upper

42 100

74 99.1 79.0 118.6

44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 141.065 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

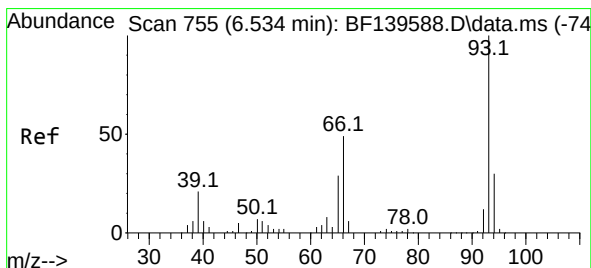
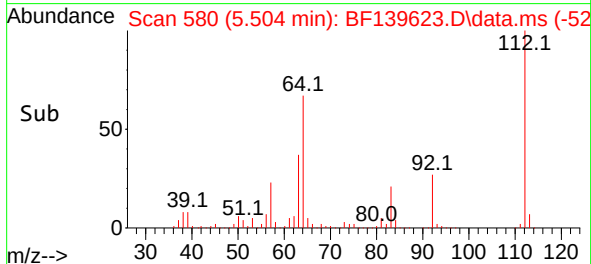
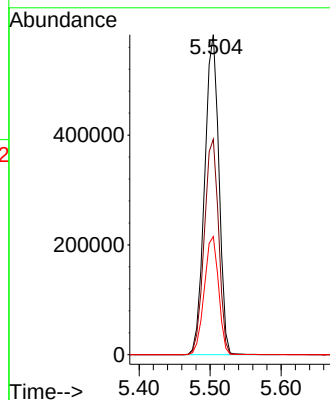
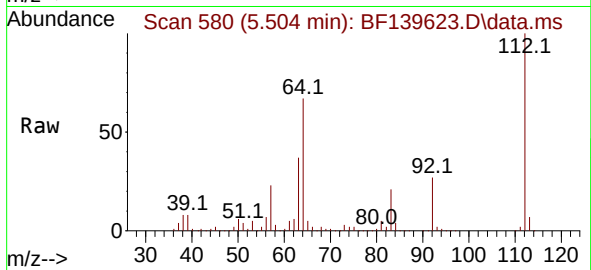
PB163732BS

Tgt Ion:112 Resp: 81674
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.9 29.4 44.2

Manual Integrations

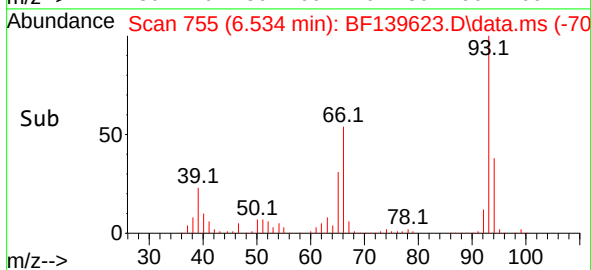
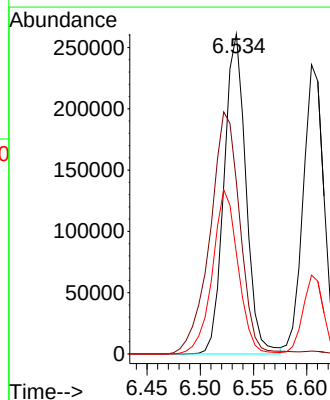
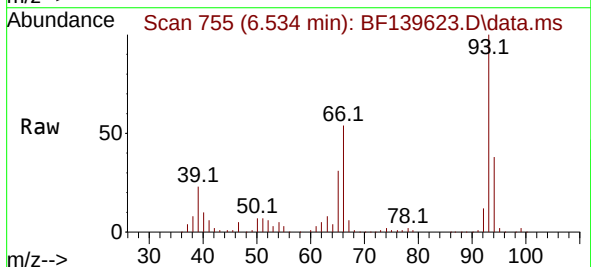
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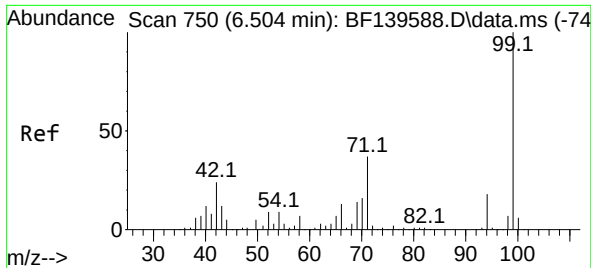
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#6
Aniline
Concen: 53.782 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion: 93 Resp: 371591
Ion Ratio Lower Upper
93 100
66 53.8 40.9 61.3
65 31.5 23.3 34.9





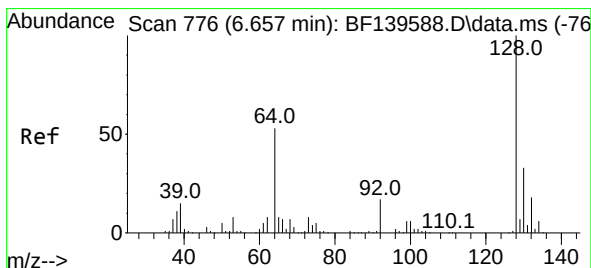
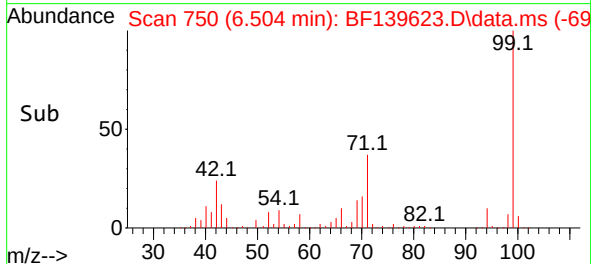
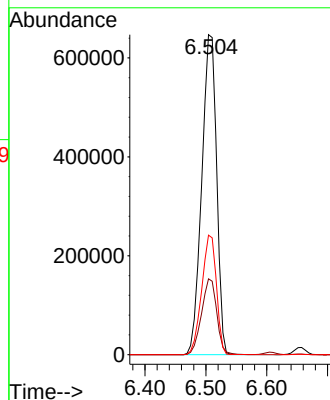
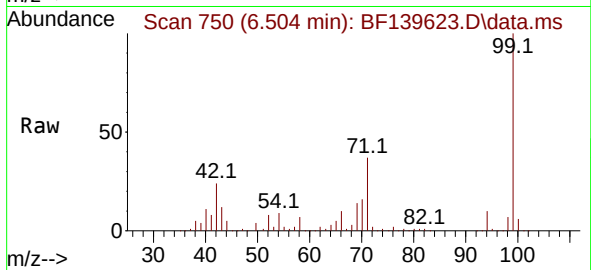
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Phenol-d6
Concen: 141.082 ng
RT: 6.504 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB163732BS

Tgt Ion: 99 Resp: 1098470
Ion Ratio Lower Upper
99 100
42 23.7 19.1 28.7
71 37.4 29.7 44.5

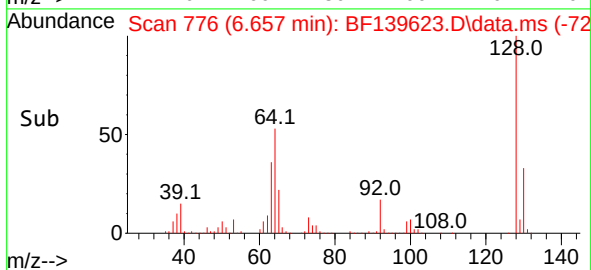
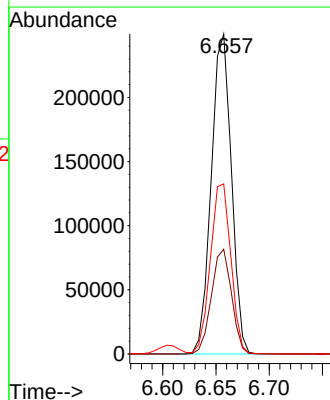
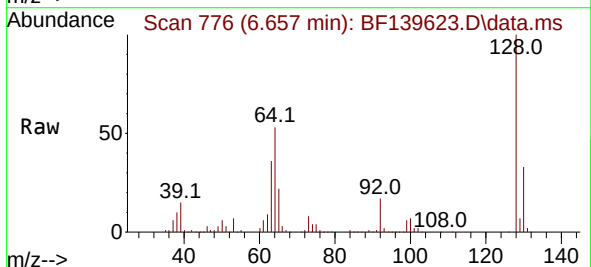
Manual Integrations
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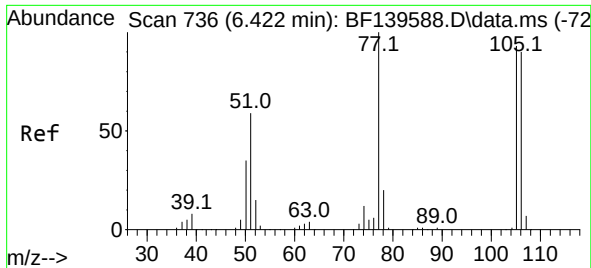
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#8
2-Chlorophenol
Concen: 52.937 ng
RT: 6.657 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:128 Resp: 328376
Ion Ratio Lower Upper
128 100
130 32.7 13.2 53.2
64 53.2 35.1 75.1





#9

Benzaldehyde

Concen: 11.801 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

Tgt Ion: 77 Resp: 48674

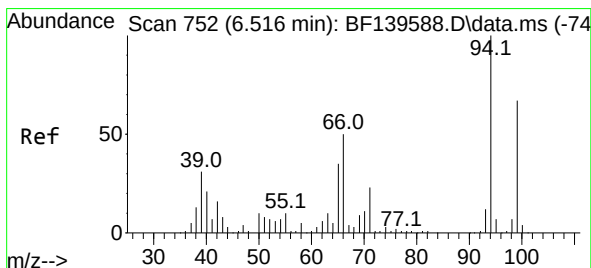
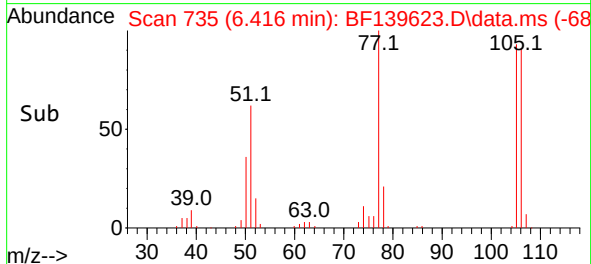
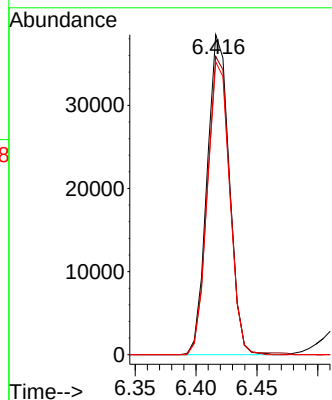
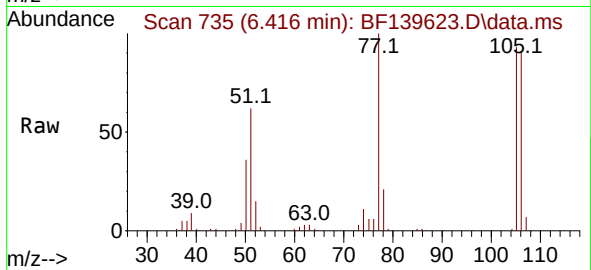
Ion	Ratio	Lower	Upper
77	100		
105	93.2	72.7	112.7
106	91.5	70.1	110.1

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/05/2024



#10

Phenol

Concen: 52.061 ng

RT: 6.522 min Scan# 753

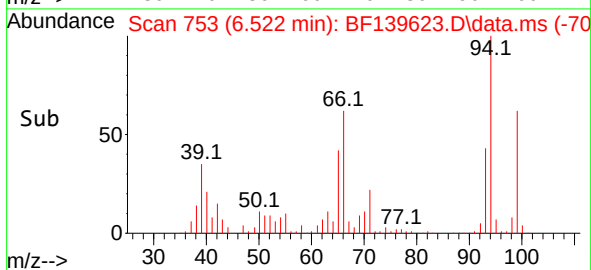
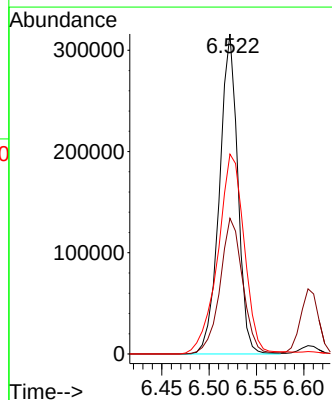
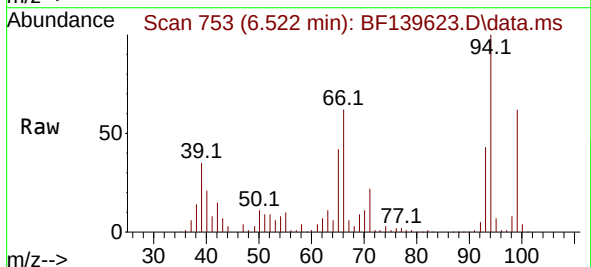
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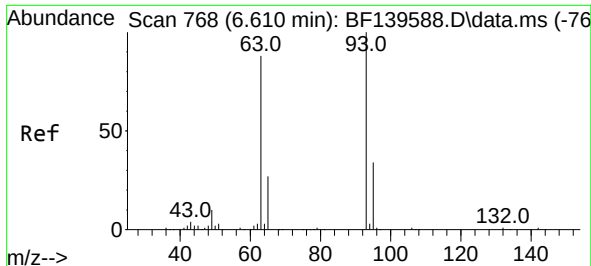
Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Tgt Ion: 94 Resp: 426227

Ion	Ratio	Lower	Upper
94	100		
65	42.4	15.3	55.3
66	62.5	30.5	70.5





#11
bis(2-Chloroethyl)ether
Concen: 46.738 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

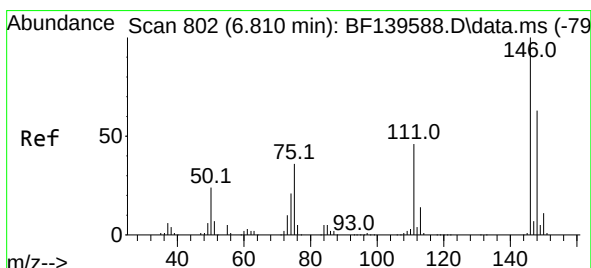
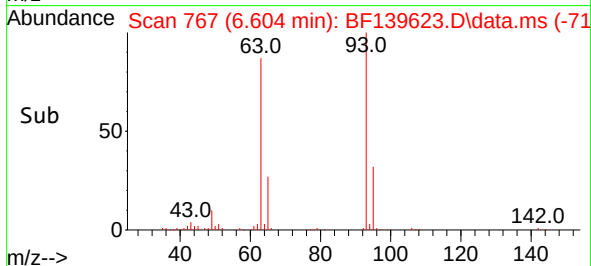
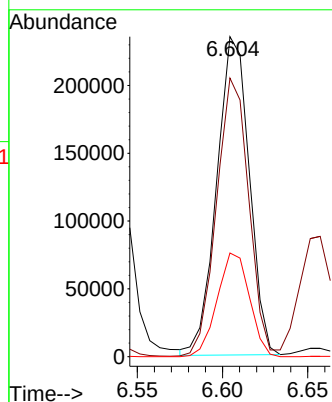
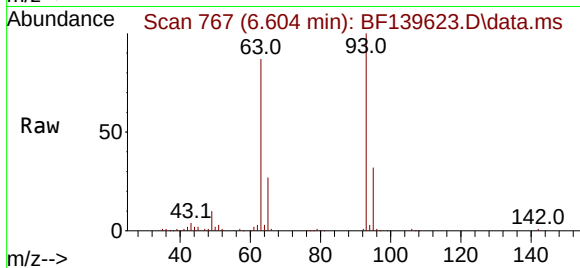
ClientSampleId :

PB163732BS

Tgt Ion: 93 Resp: 31155
Ion Ratio Lower Upper
93 100
63 87.1 64.1 104.1
95 32.4 12.3 52.3

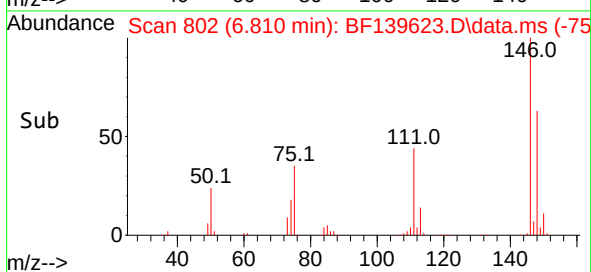
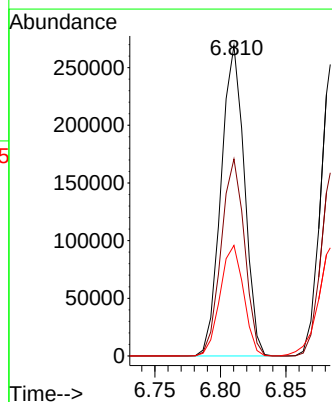
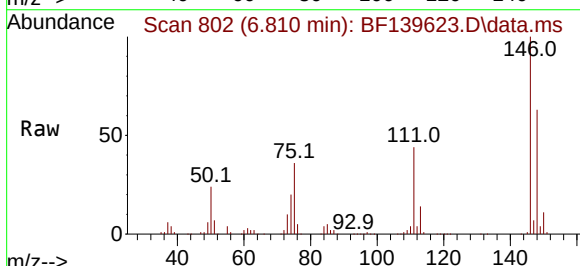
Manual Integrations
APPROVED

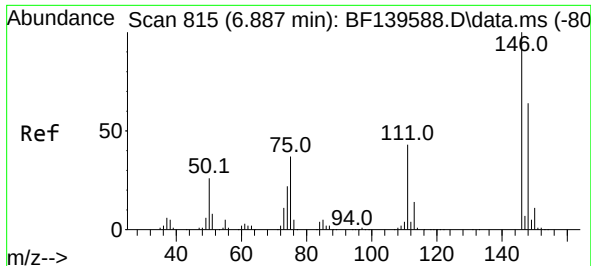
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#12
1,3-Dichlorobenzene
Concen: 47.709 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:146 Resp: 332925
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 35.6 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 47.758 ng

RT: 6.887 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

Tgt Ion:146 Resp: 33753

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

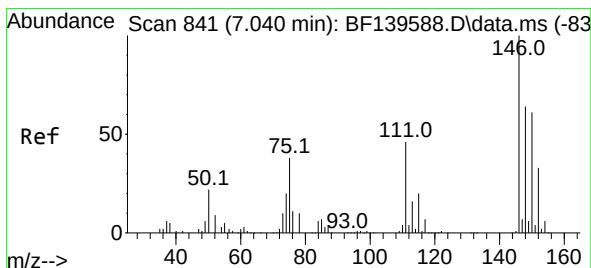
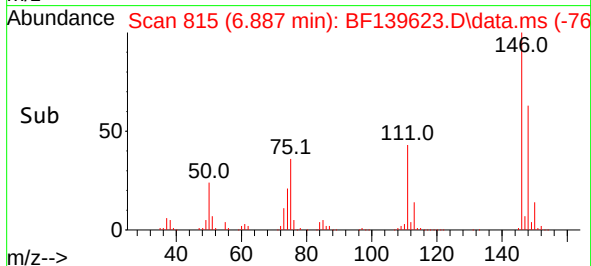
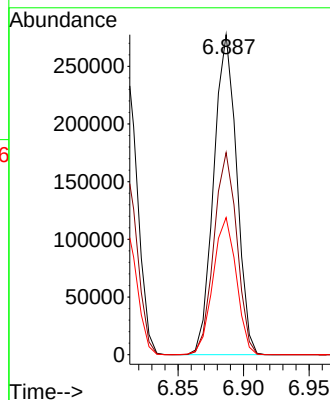
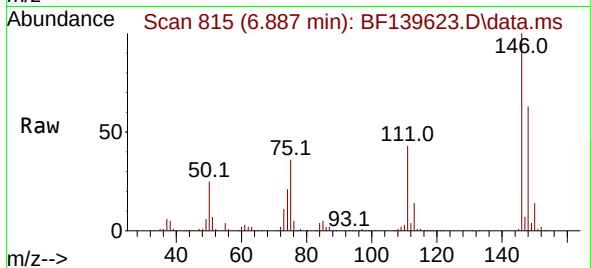
111 42.8 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#14

1,2-Dichlorobenzene

Concen: 48.908 ng

RT: 7.040 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

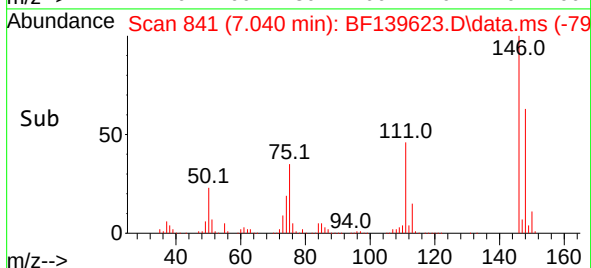
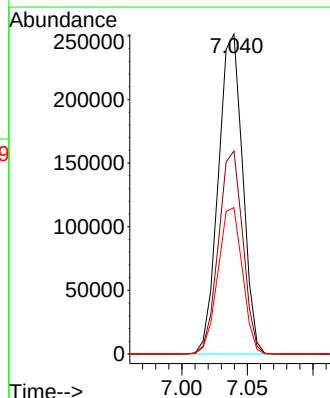
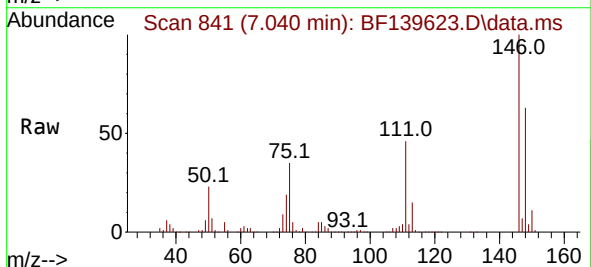
Tgt Ion:146 Resp: 323964

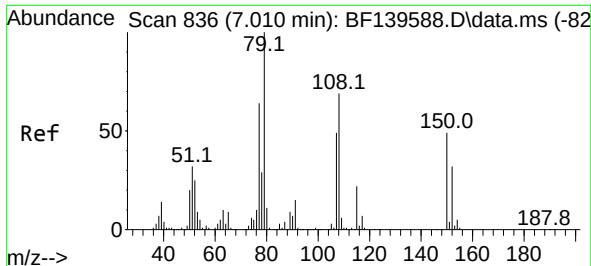
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

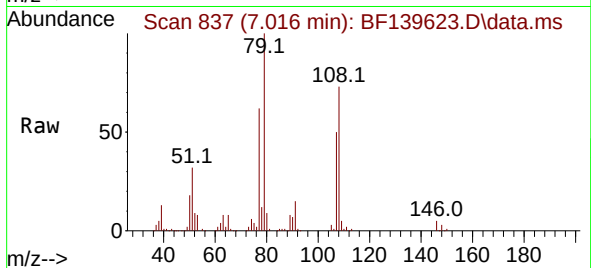
111 45.7 37.0 55.6





#15
Benzyl Alcohol
Concen: 54.036 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

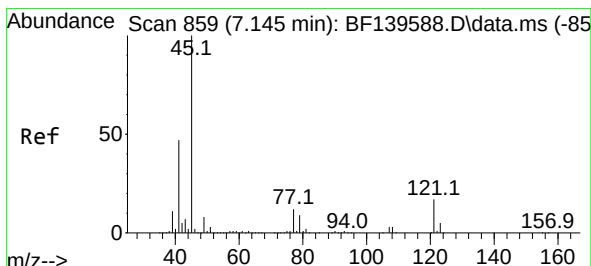
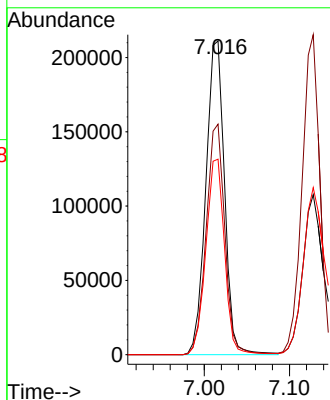
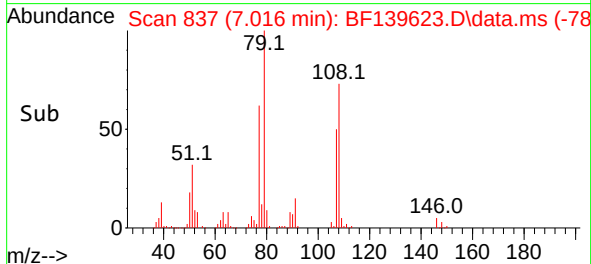
Instrument :
BNA_F
ClientSampleId :
PB163732BS



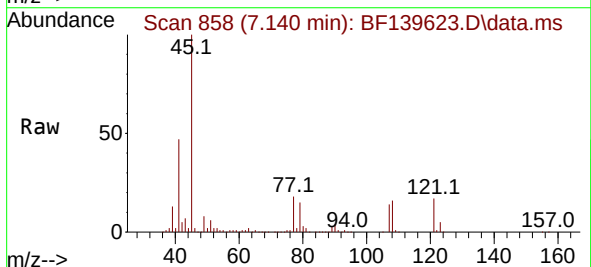
Tgt Ion: 79 Resp: 321460
Ion Ratio Lower Upper
79 100
108 73.5 55.1 82.7
77 62.3 50.8 76.2

Manual Integrations
APPROVED

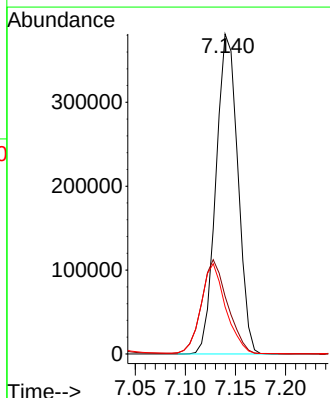
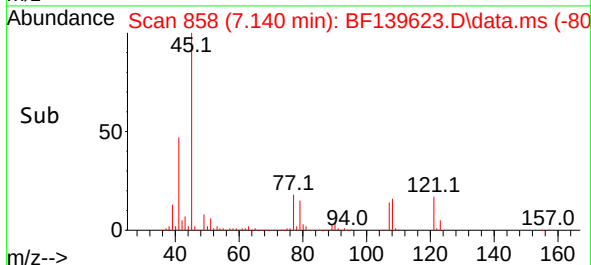
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

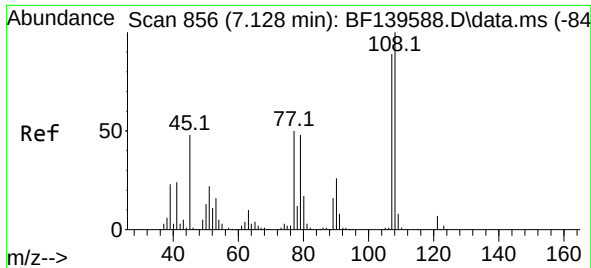


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.061 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion: 45 Resp: 577706
Ion Ratio Lower Upper
45 100
77 18.0 0.0 32.5
79 14.8 0.0 29.7





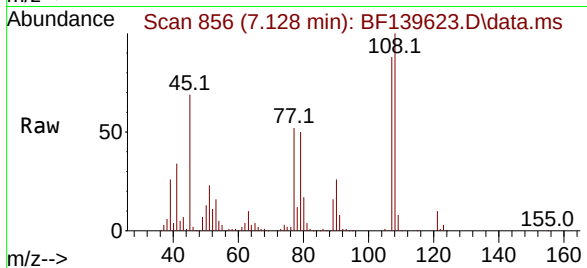
#17
2-Methylphenol
Concen: 52.333 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

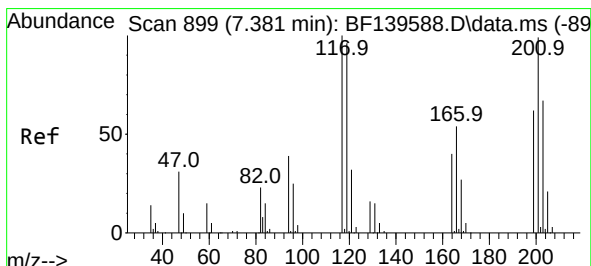
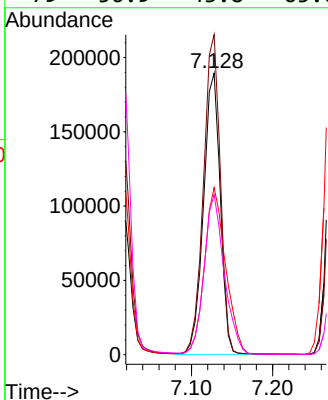
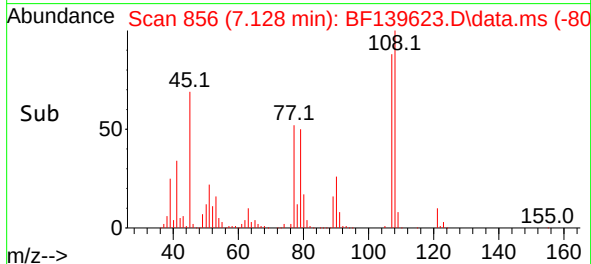


Tgt Ion:107 Resp: 271010
Ion Ratio Lower Upper
107 100
108 113.7 89.8 134.6
77 59.4 44.6 67.0
79 56.9 43.8 65.6

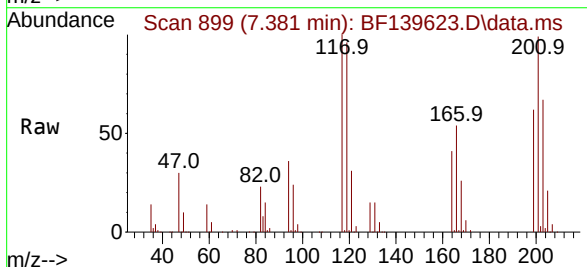
Manual Integrations

APPROVED

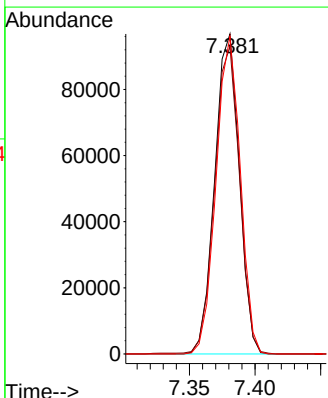
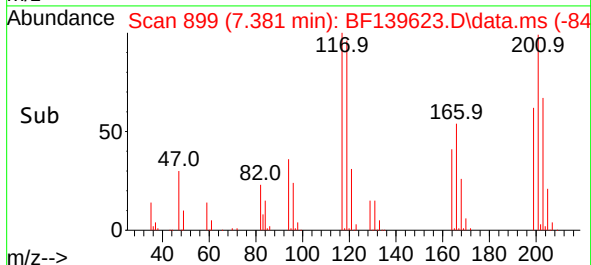
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

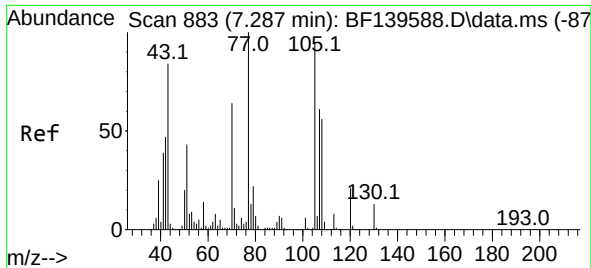


#18
Hexachloroethane
Concen: 47.850 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:117 Resp: 126141
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6
201 99.2 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 50.424 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

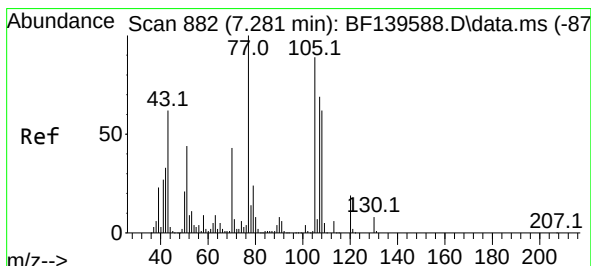
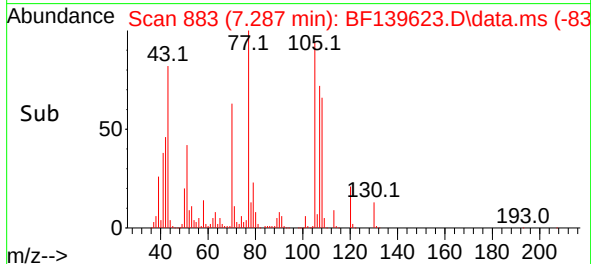
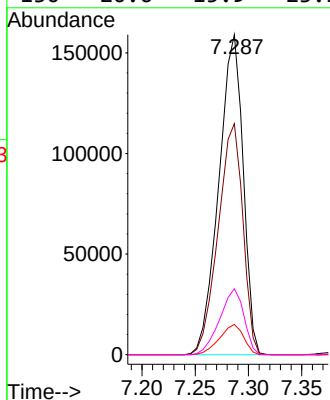
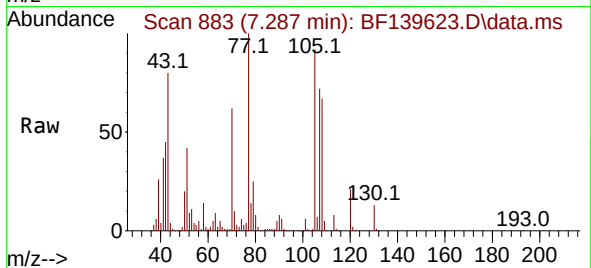
ClientSampleId :

PB163732BS

Tgt Ion: 70 Resp: 25241
Ion Ratio Lower Upper
70 100
42 72.2 58.0 87.0
101 9.4 7.8 11.8
130 20.6 15.9 23.9

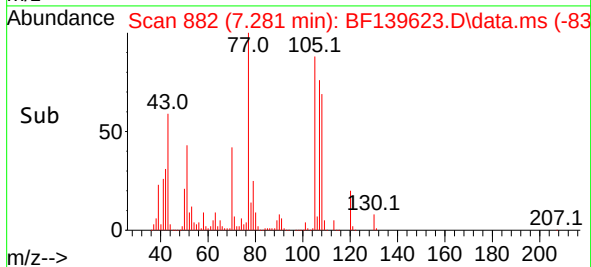
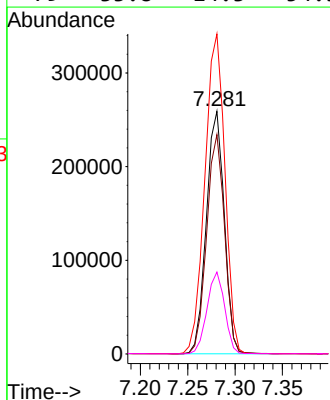
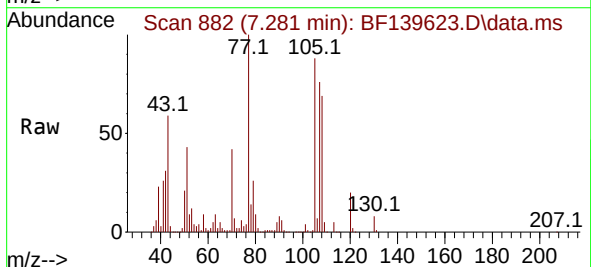
Manual Integrations
APPROVED

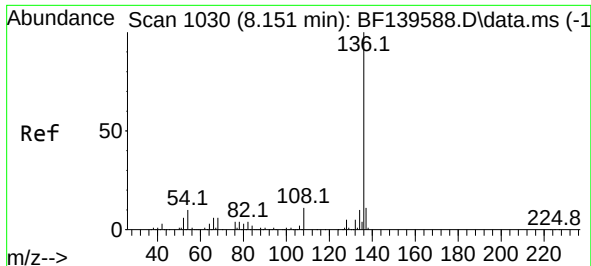
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#20
3+4-Methylphenols
Concen: 52.267 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:107 Resp: 339973
Ion Ratio Lower Upper
107 100
108 90.4 70.2 110.2
77 131.9 125.3 165.3
79 33.8 14.3 54.3





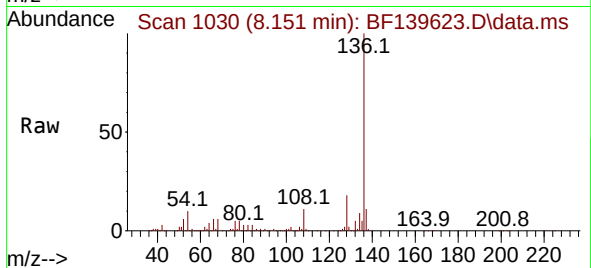
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS



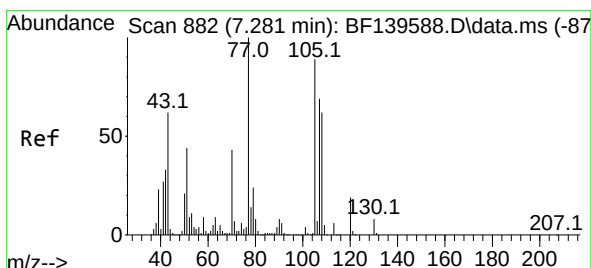
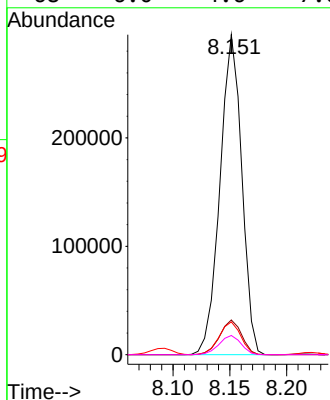
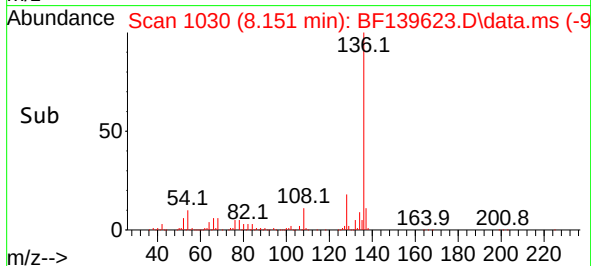
Tgt Ion:136 Resp: 394145
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.3 12.5
68 6.0 4.6 7.0

Manual Integrations

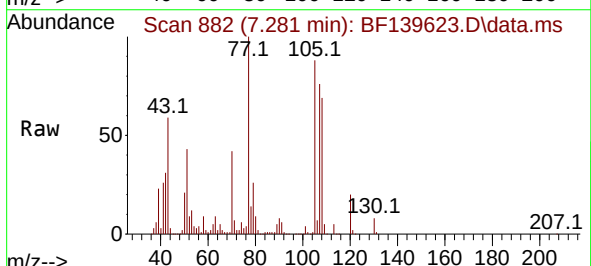
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

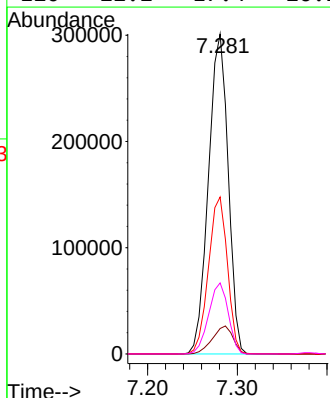
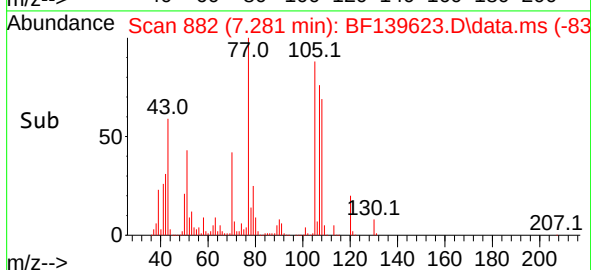
Supervised By :mohammad ahmed 10/05/2024

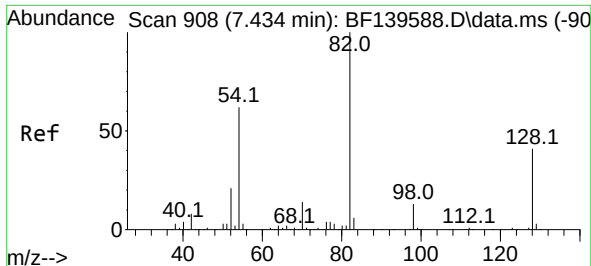


#22
Acetophenone
Concen: 48.997 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:105 Resp: 458402
Ion Ratio Lower Upper
105 100
71 8.0 6.6 10.0
51 49.1 39.4 59.0
120 22.2 17.4 26.2





#23
Nitrobenzene-d5
Concen: 92.983 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

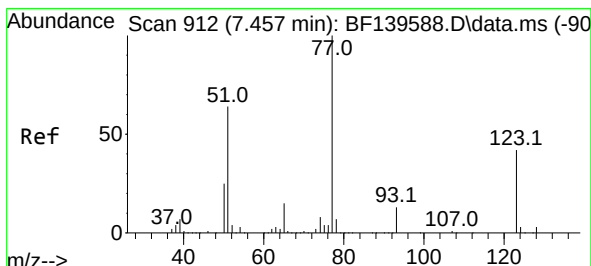
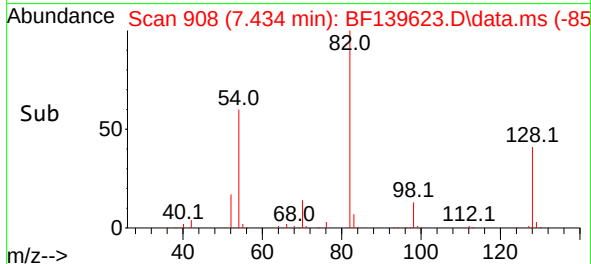
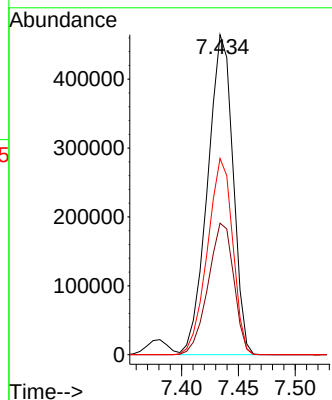
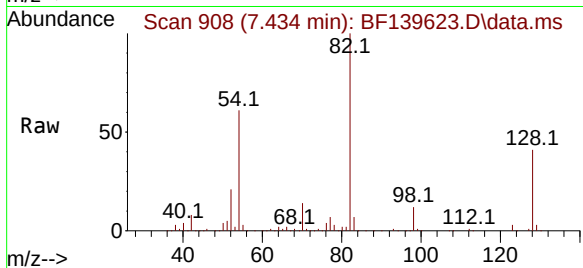
PB163732BS

Tgt Ion: 82 Resp: 723848
Ion Ratio Lower Upper
82 100
128 41.1 32.4 48.6
54 61.3 49.1 73.7

Manual Integrations

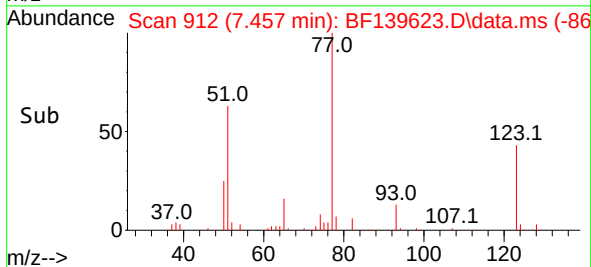
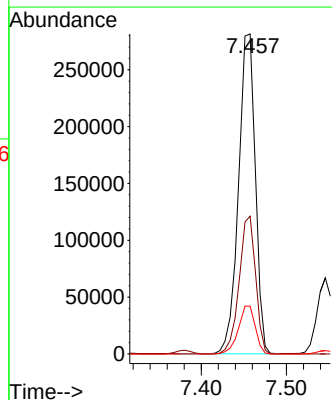
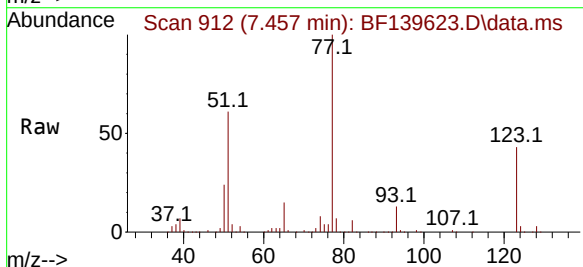
APPROVED

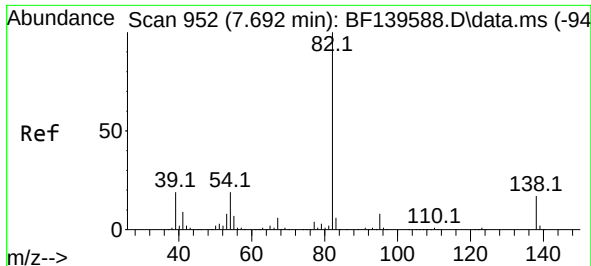
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#24
Nitrobenzene
Concen: 48.015 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion: 77 Resp: 387051
Ion Ratio Lower Upper
77 100
123 43.1 34.2 51.4
65 15.0 12.1 18.1





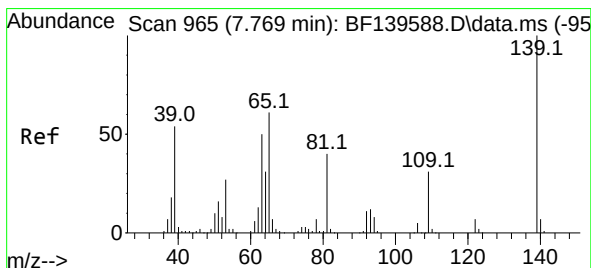
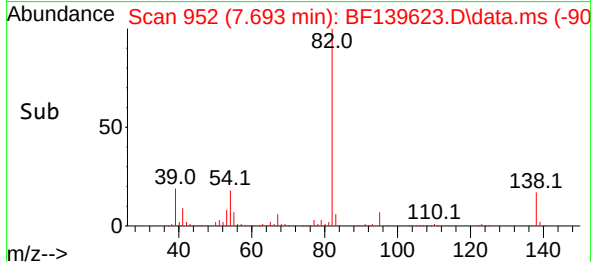
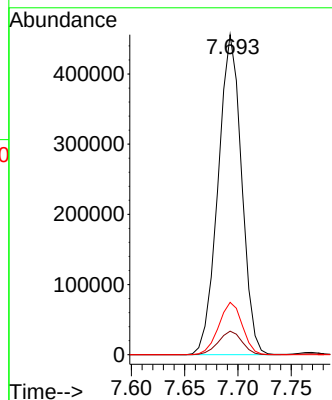
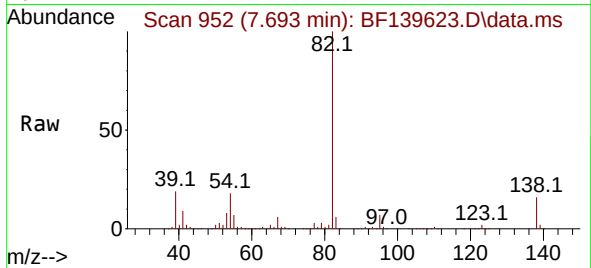
#25
Isophorone
Concen: 50.526 ng
RT: 7.693 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB163732BS

Tgt Ion: 82 Resp: 698600
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.4 13.4 20.2

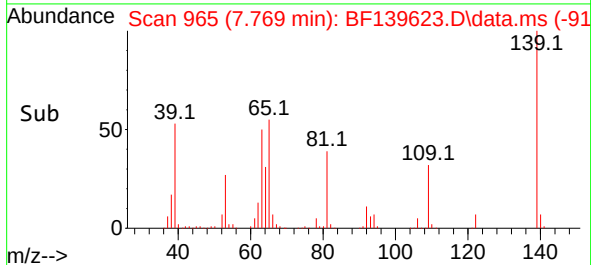
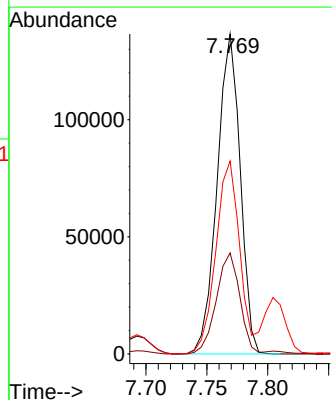
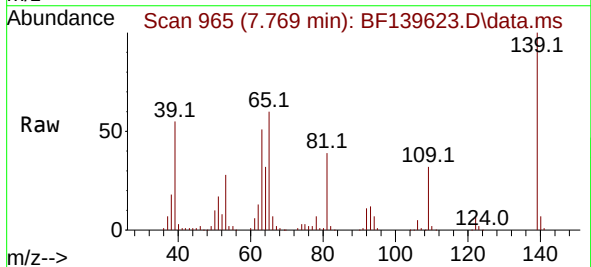
Manual Integrations
APPROVED

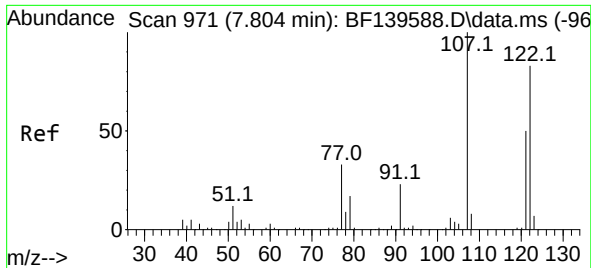
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#26
2-Nitrophenol
Concen: 51.979 ng
RT: 7.769 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:139 Resp: 180132
Ion Ratio Lower Upper
139 100
109 31.6 24.9 37.3
65 60.3 48.6 72.8





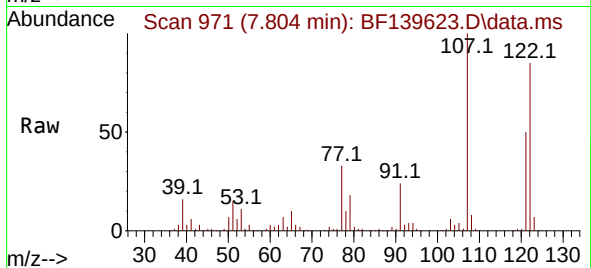
#27
2,4-Dimethylphenol
Concen: 63.237 ng m
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

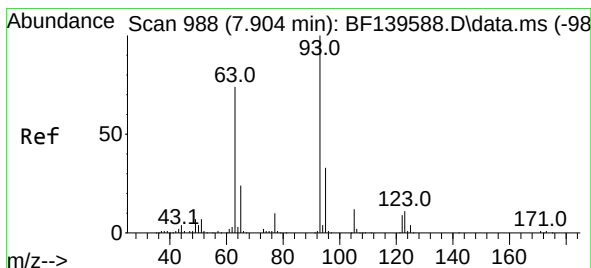
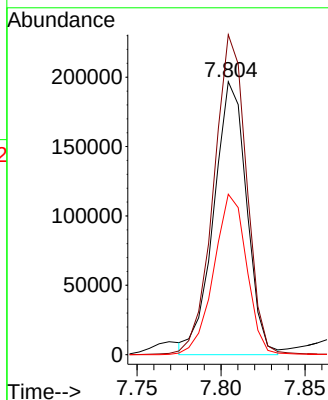
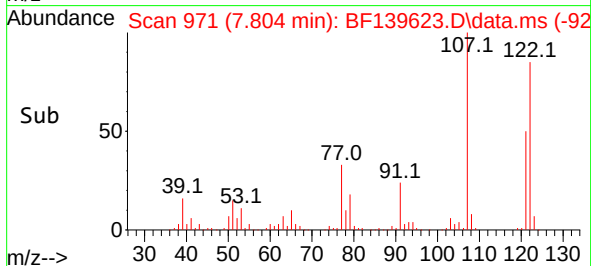


Tgt Ion:122 Resp: 268270
Ion Ratio Lower Upper
122 100
107 117.2 95.4 143.0
121 58.8 47.4 71.2

Manual Integrations

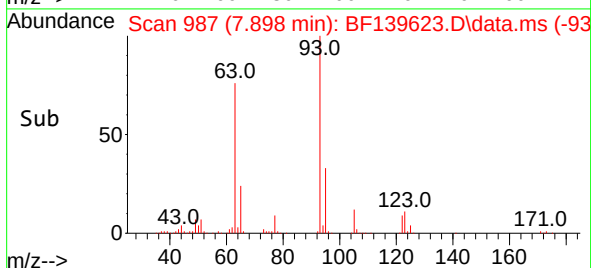
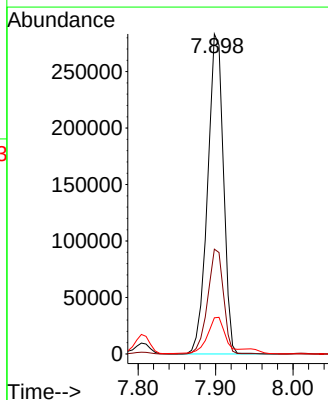
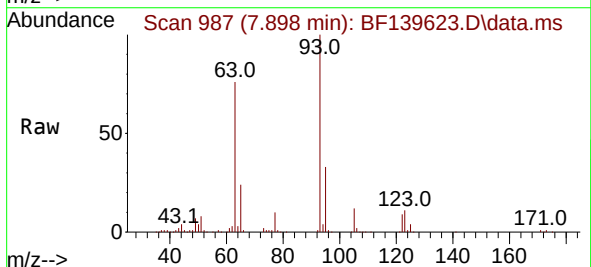
APPROVED

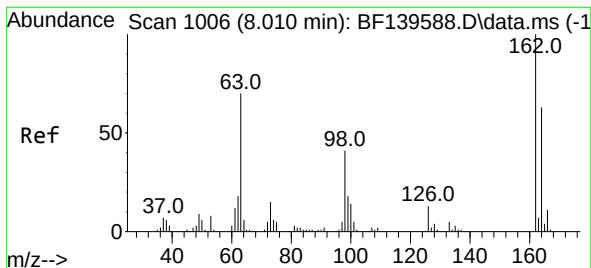
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.733 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion: 93 Resp: 402364
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.3 9.4 14.0





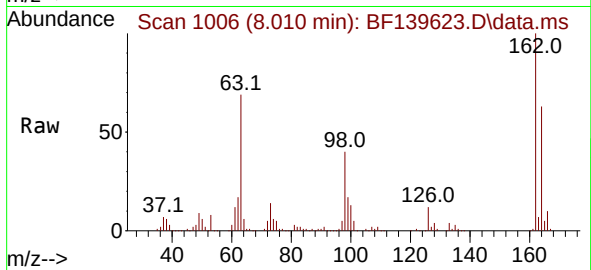
#29
2,4-Dichlorophenol
Concen: 51.961 ng
RT: 8.010 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS



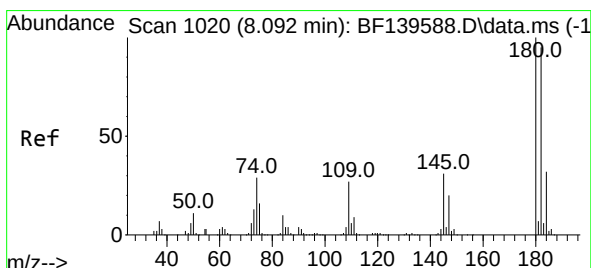
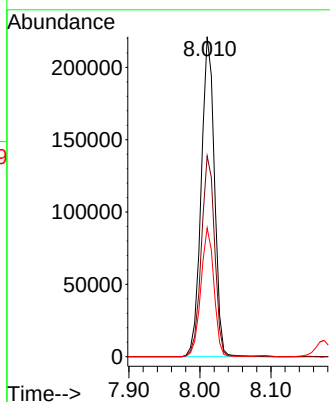
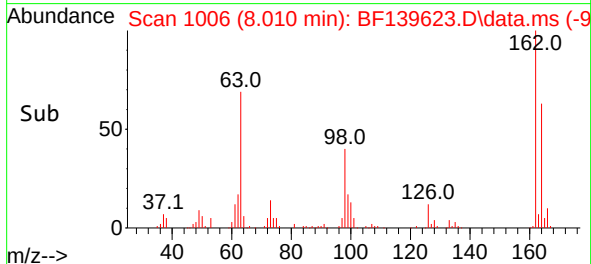
Tgt Ion:162 Resp: 28752
Ion Ratio Lower Upper
162 100
164 62.7 43.1 83.1
98 40.3 20.8 60.8

Manual Integrations

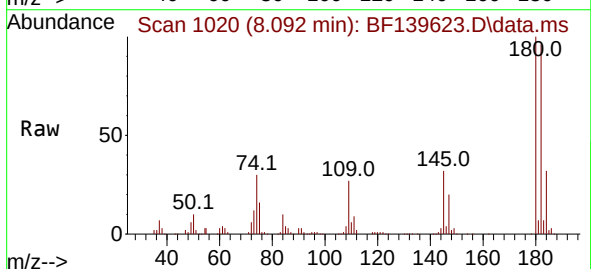
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

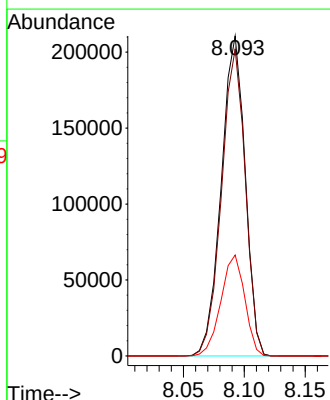
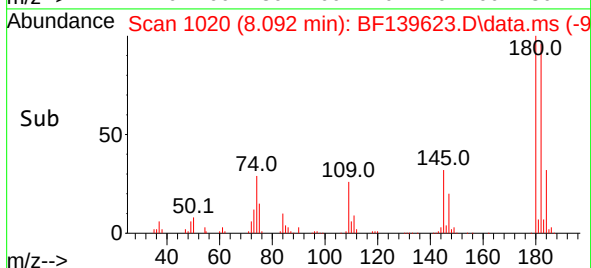
Supervised By :mohammad ahmed 10/05/2024

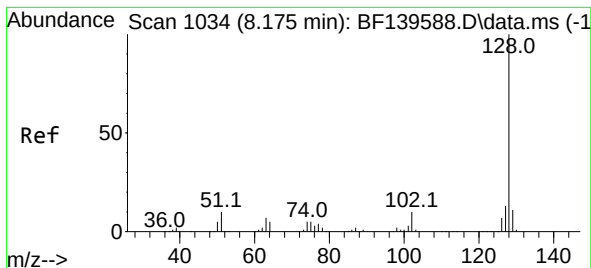


#30
1,2,4-Trichlorobenzene
Concen: 46.012 ng
RT: 8.092 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:180 Resp: 287940
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 31.6 25.0 37.6





#31

Naphthalene

Concen: 48.440 ng

RT: 8.175 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

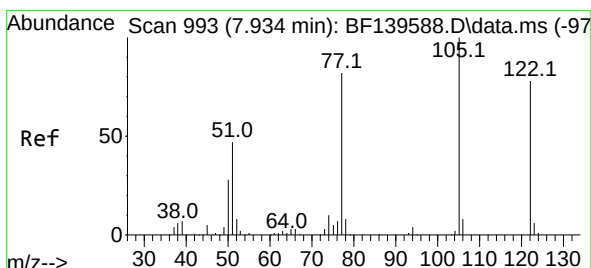
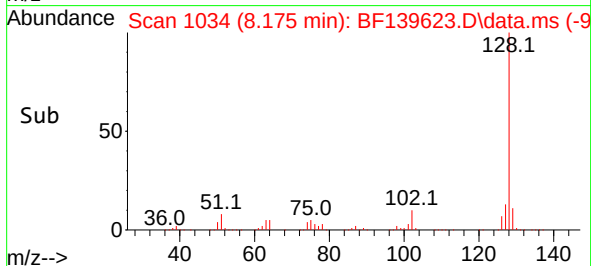
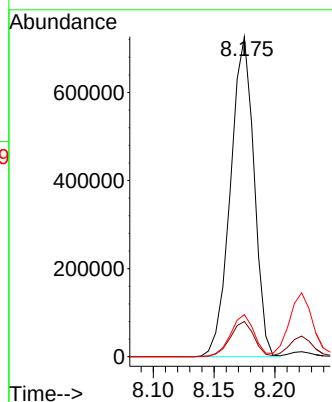
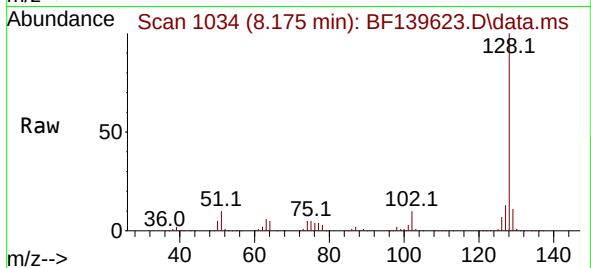
Tgt Ion:128 Resp: 976163
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.8 13.2
 127 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#32

Benzoic acid

Concen: 52.336 ng

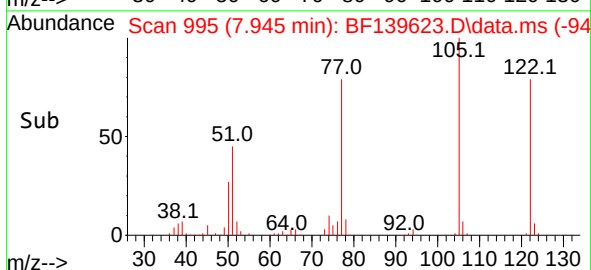
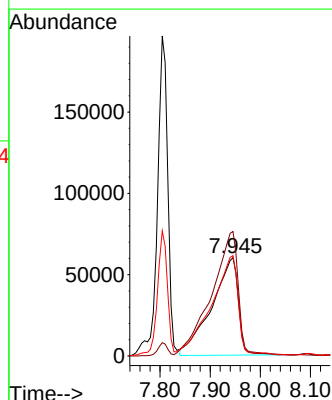
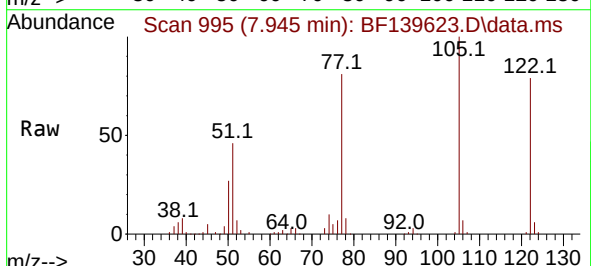
RT: 7.945 min Scan# 995

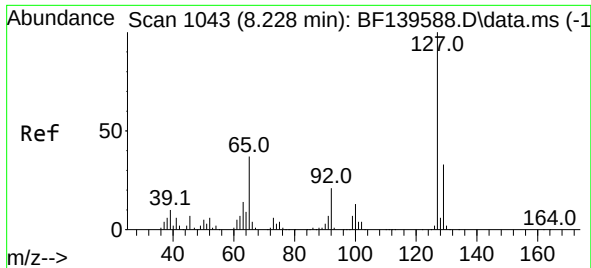
Delta R.T. 0.012 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Tgt Ion:122 Resp: 220776
 Ion Ratio Lower Upper
 122 100
 105 126.9 104.9 144.9
 77 102.2 82.7 122.7





#33
4-Chloroaniline
Concen: 30.201 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

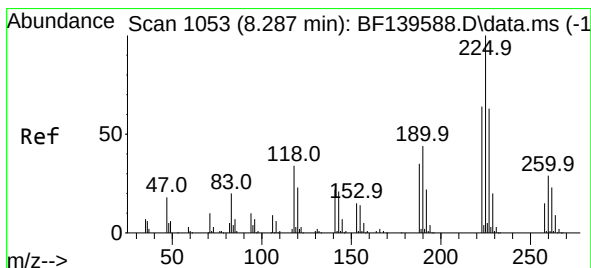
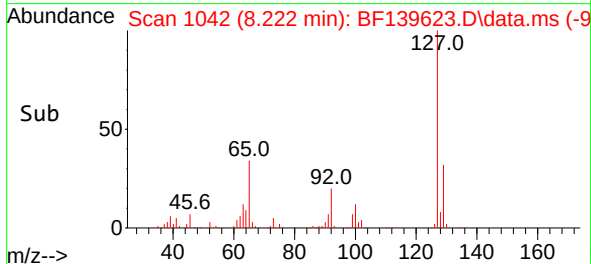
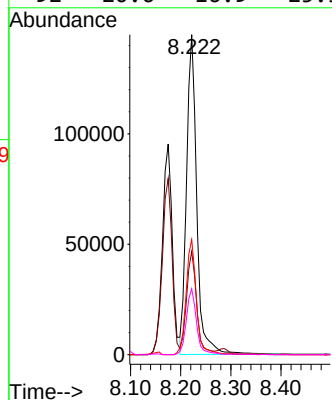
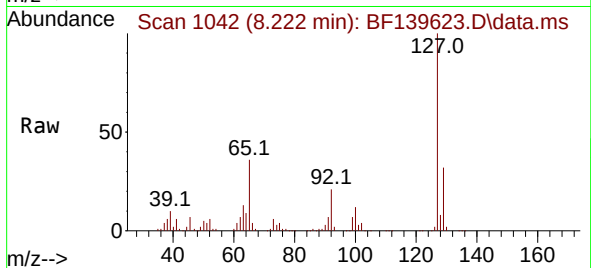
PB163732BS

Tgt Ion:	127	Resp:	20601
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	36.0	29.3	43.9
92	20.6	16.9	25.3

Manual Integrations

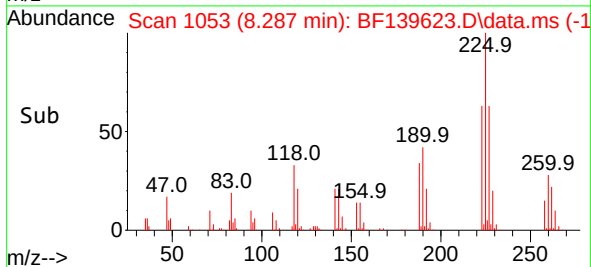
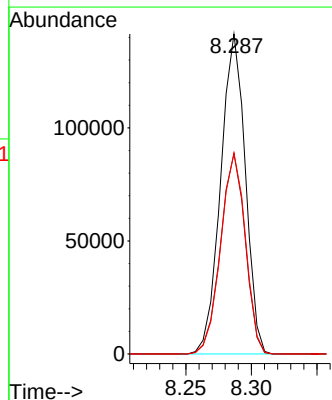
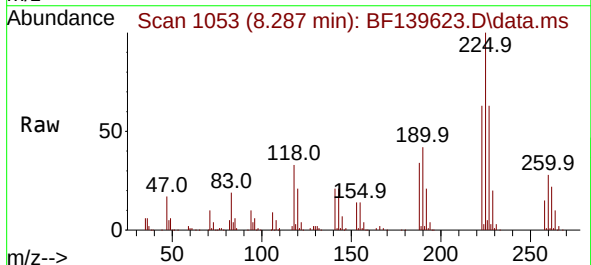
APPROVED

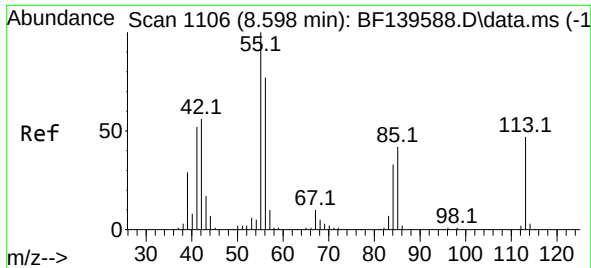
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#34
Hexachlorobutadiene
Concen: 45.657 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

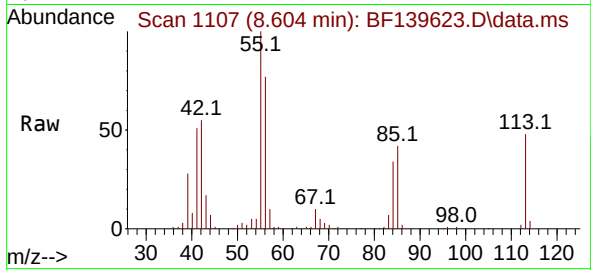
Tgt Ion:	225	Resp:	184899
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.9	76.3
227	62.8	50.7	76.1





#35
Caprolactam
Concen: 53.671 ng m
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

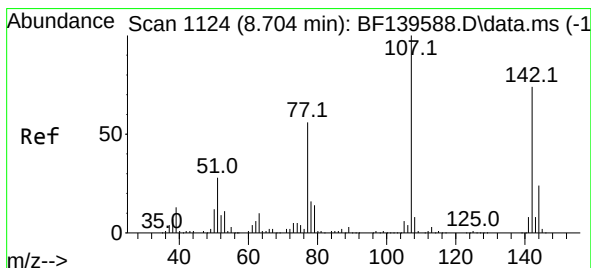
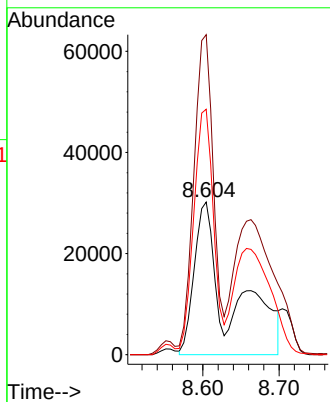
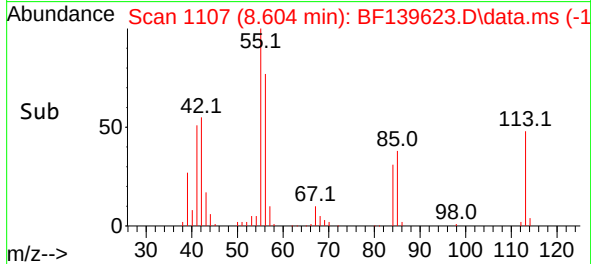
Instrument :
BNA_F
ClientSampleId :
PB163732BS



Tgt Ion:113 Resp: 9741
Ion Ratio Lower Upper
113 100
55 209.7 193.4 233.4
56 160.8 143.8 183.8

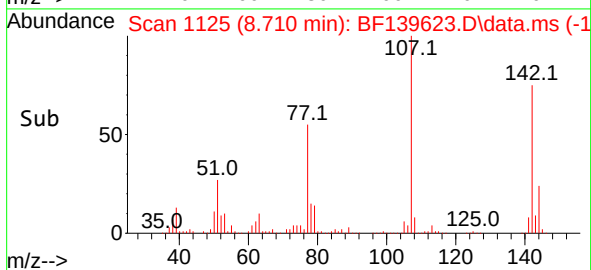
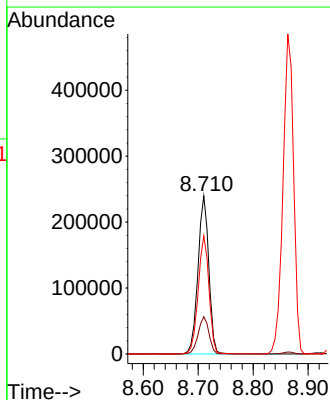
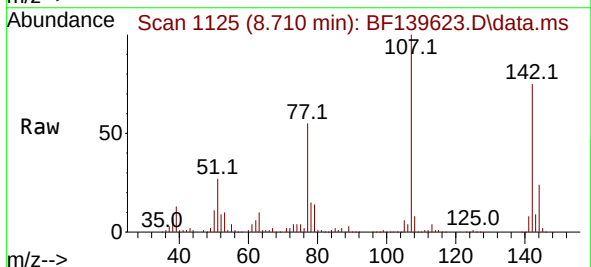
Manual Integrations
APPROVED

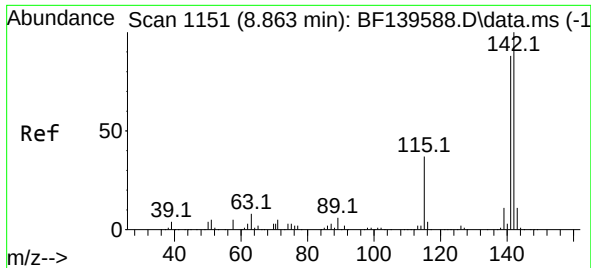
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
4-Chloro-3-methylphenol
Concen: 52.532 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

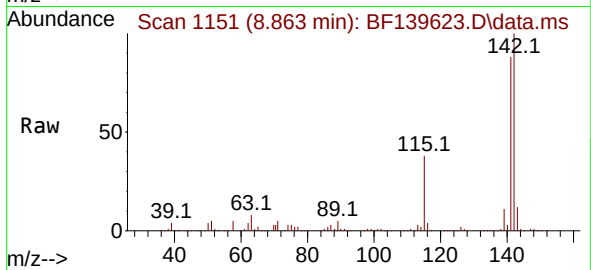
Tgt Ion:107 Resp: 329063
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.6
142 74.7 59.2 88.8





#37
2-Methylnaphthalene
Concen: 49.475 ng
RT: 8.863 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

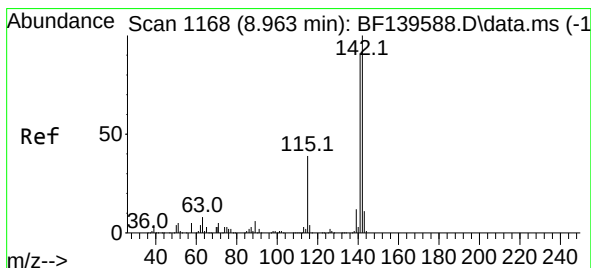
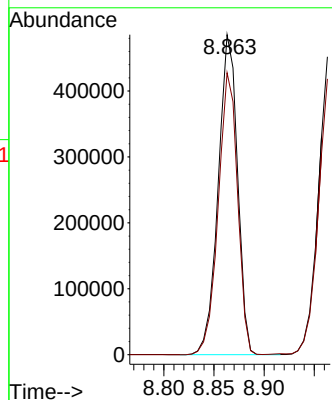
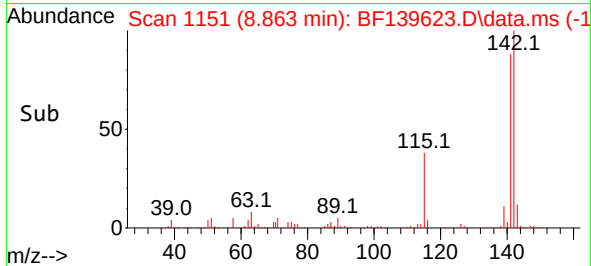
Instrument :
BNA_F
ClientSampleId :
PB163732BS



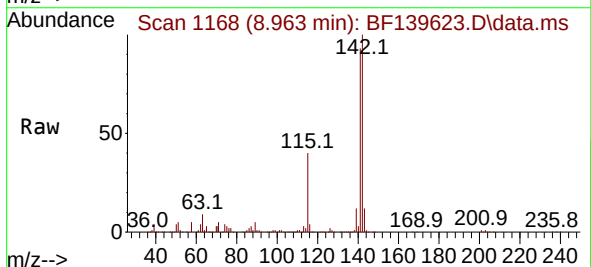
Tgt Ion:142 Resp: 649360
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

Manual Integrations
APPROVED

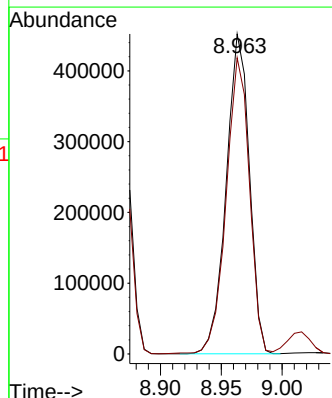
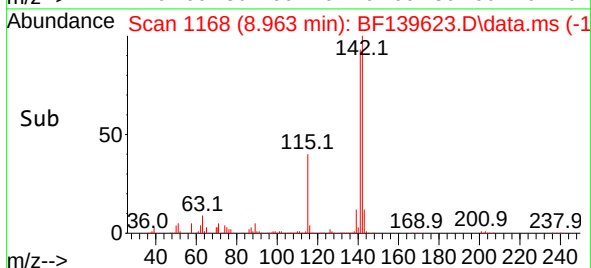
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

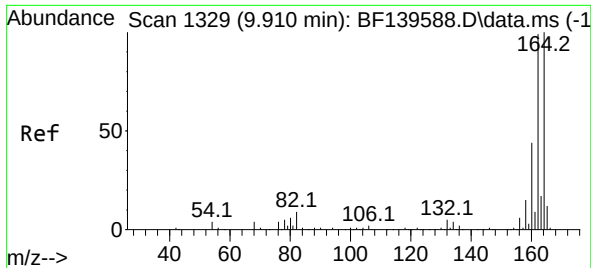


#38
1-Methylnaphthalene
Concen: 46.619 ng
RT: 8.963 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:142 Resp: 598090
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.4





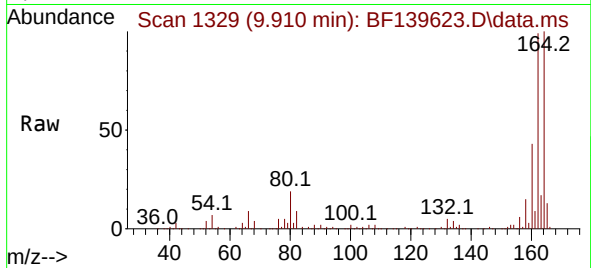
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS



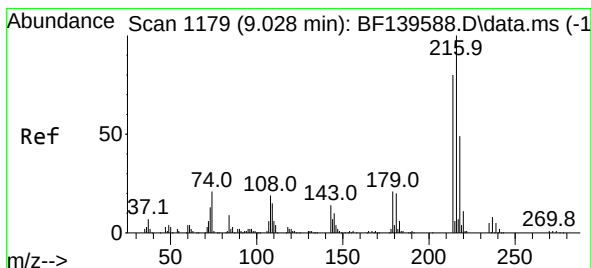
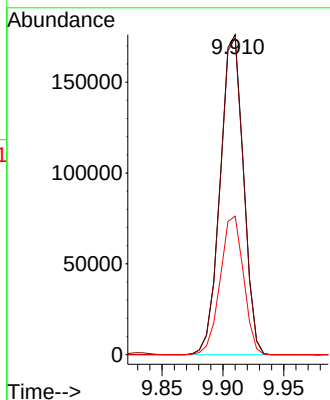
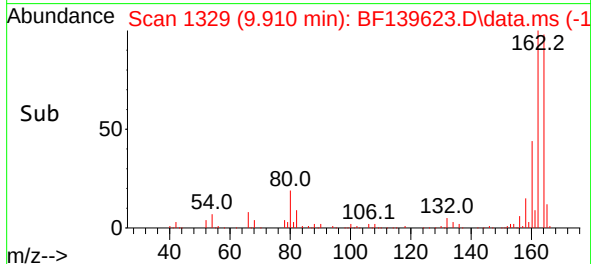
Tgt Ion:164 Resp: 234300
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 43.3 35.1 52.7

Manual Integrations

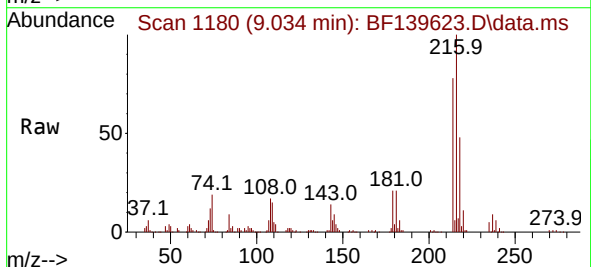
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

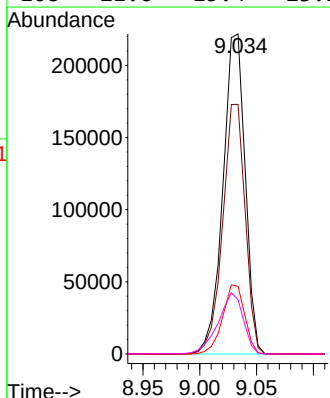
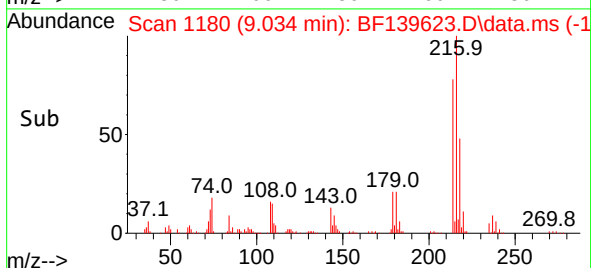
Supervised By :mohammad ahmed 10/05/2024

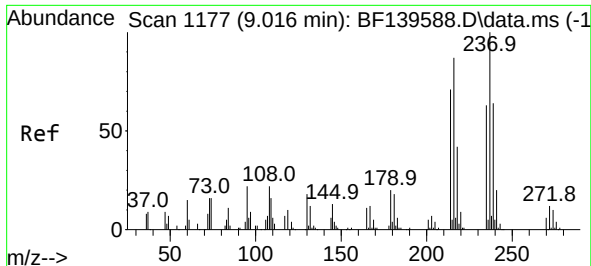


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.484 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:216 Resp: 302443
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 21.5 16.9 25.3
108 21.6 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 177.422 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

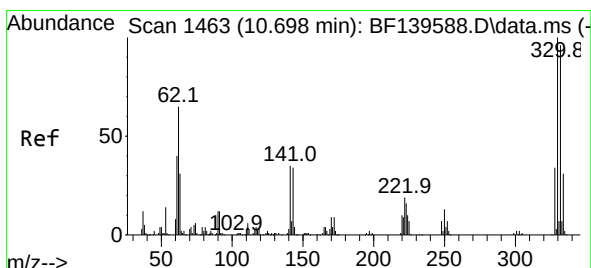
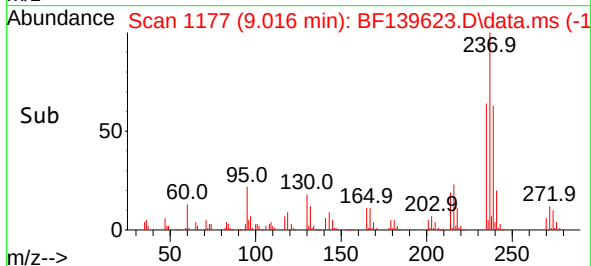
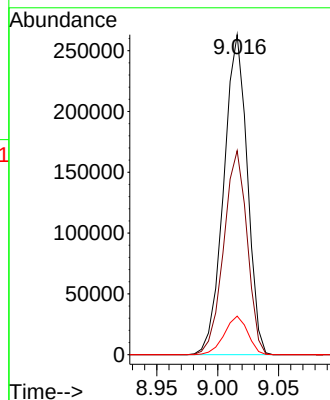
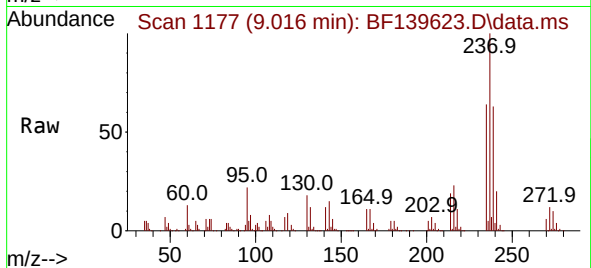
PB163732BS

Tgt Ion:237 Resp: 353959
Ion Ratio Lower Upper
237 100
235 63.7 42.5 82.5
272 12.0 0.0 32.1

Manual Integrations

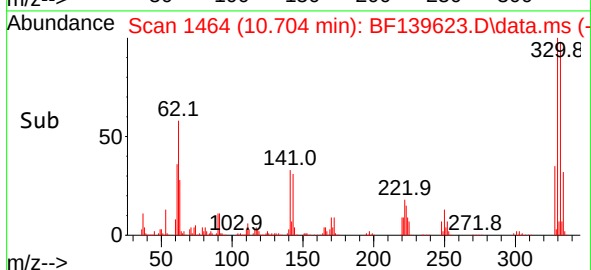
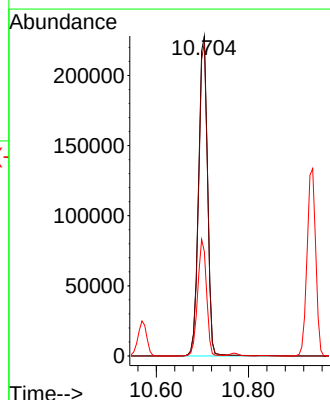
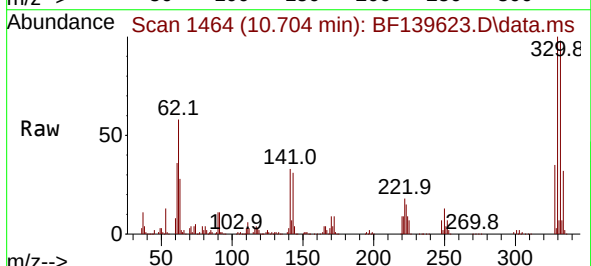
APPROVED

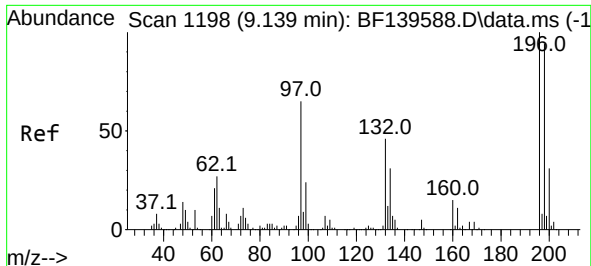
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#42
2,4,6-Tribromophenol
Concen: 136.234 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

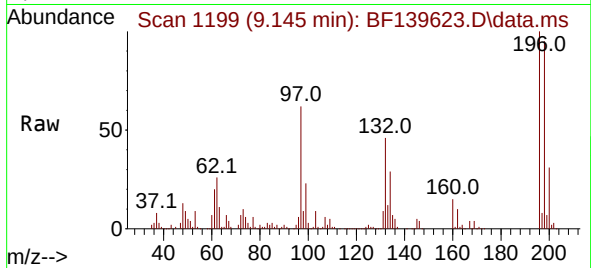
Tgt Ion:330 Resp: 308141
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 35.8 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 50.252 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

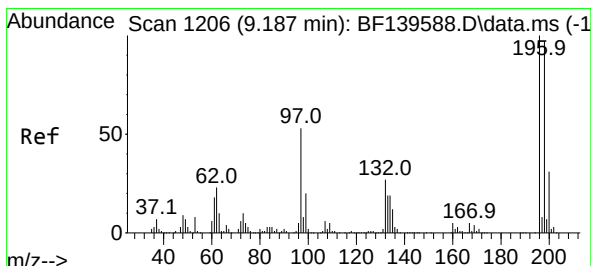
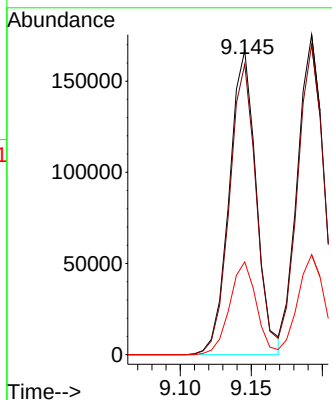
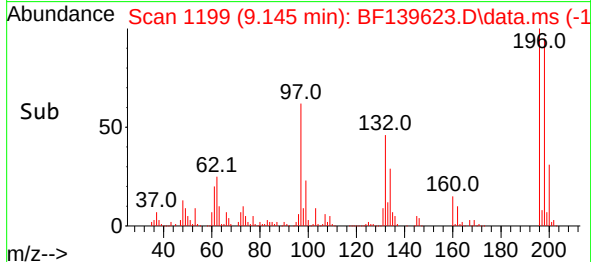
Instrument :
BNA_F
ClientSampleId :
PB163732BS



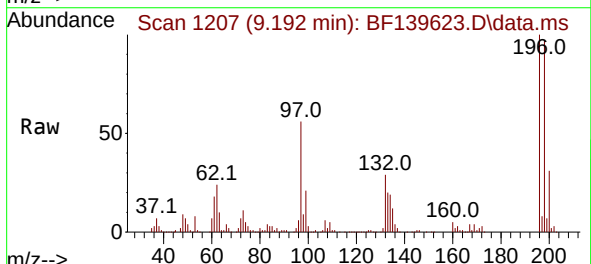
Tgt Ion:196 Resp: 22041
Ion Ratio Lower Upper
196 100
198 95.5 75.2 112.8
200 30.5 24.6 37.0

Manual Integrations
APPROVED

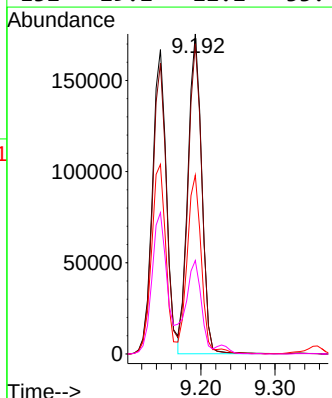
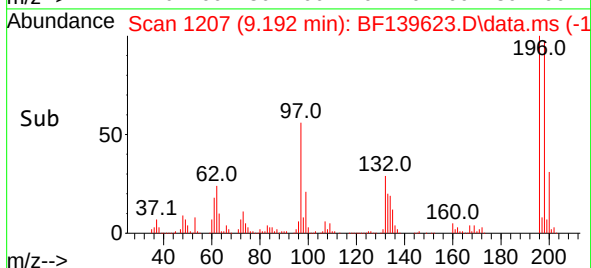
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

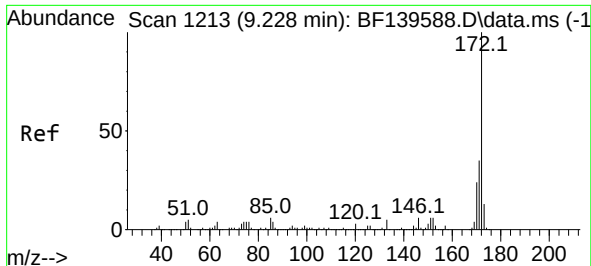


#44
2,4,5-Trichlorophenol
Concen: 48.045 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:196 Resp: 227256
Ion Ratio Lower Upper
196 100
198 96.9 77.5 116.3
97 55.9 43.1 64.7
132 29.2 22.2 33.4





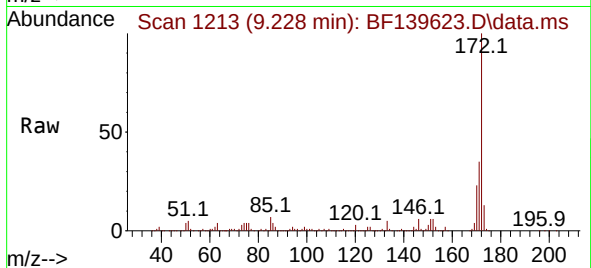
#45
2-Fluorobiphenyl
Concen: 89.111 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS



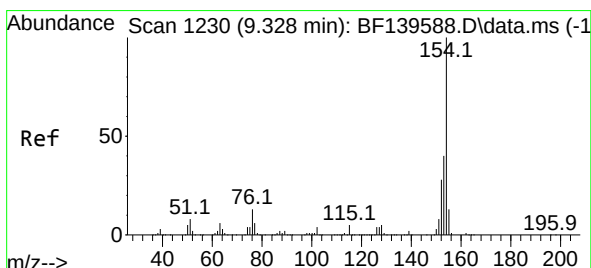
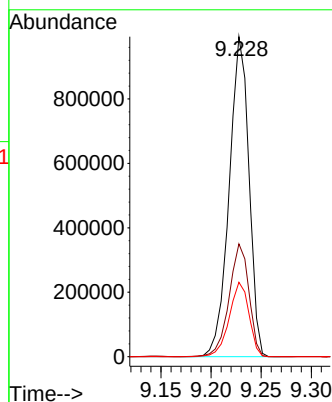
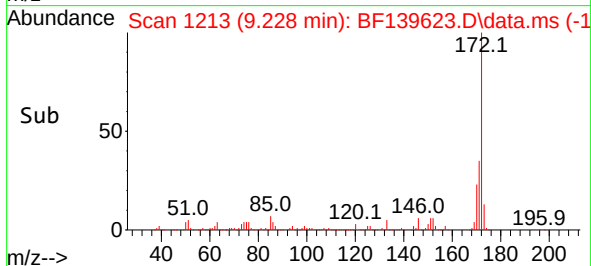
Tgt Ion:172 Resp: 1360045
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.3 18.8 28.2

Manual Integrations

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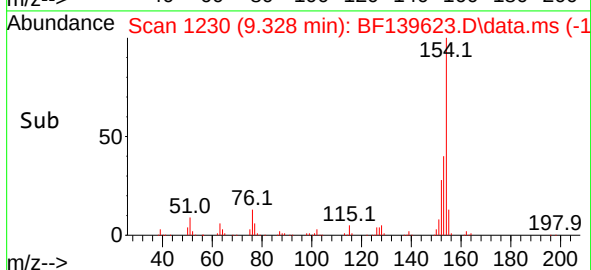
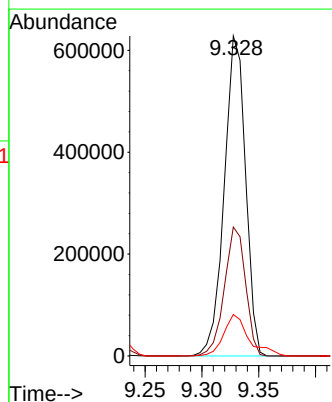
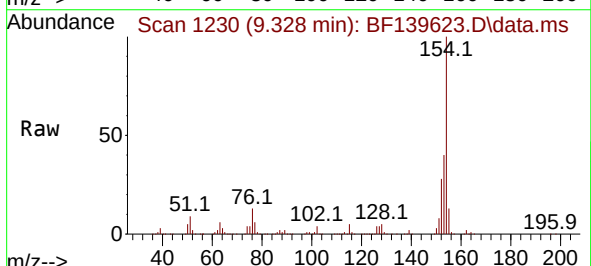
Reviewed By :Yogesh Patel 10/04/2024

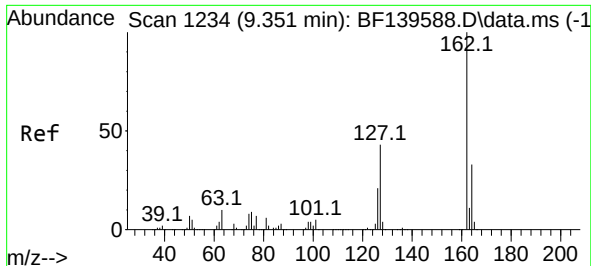
Supervised By :mohammad ahmed 10/05/2024



#46
1,1'-Biphenyl
Concen: 46.953 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:154 Resp: 818254
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 13.0 0.0 32.6





#47

2-Chloronaphthalene

Concen: 46.573 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

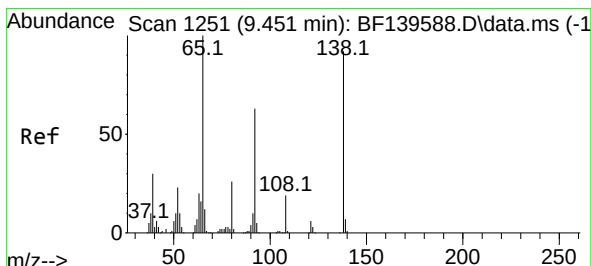
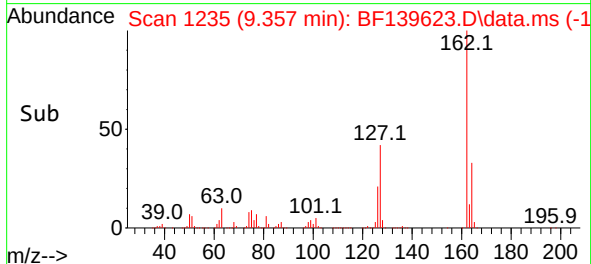
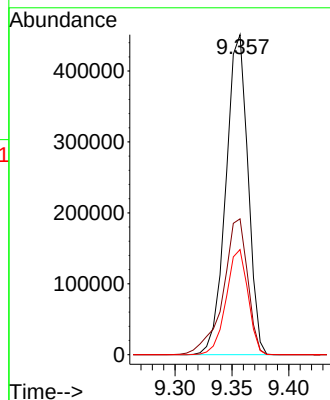
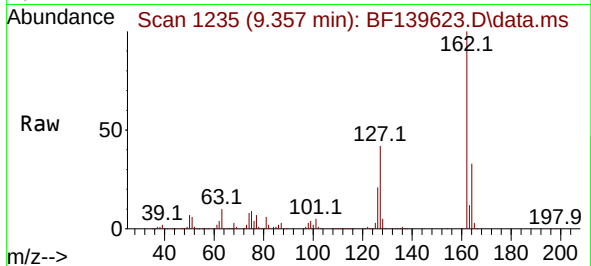
Tgt Ion:162 Resp: 608450
 Ion Ratio Lower Upper
 162 100
 127 42.4 35.0 52.4
 164 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#48

2-Nitroaniline

Concen: 51.998 ng

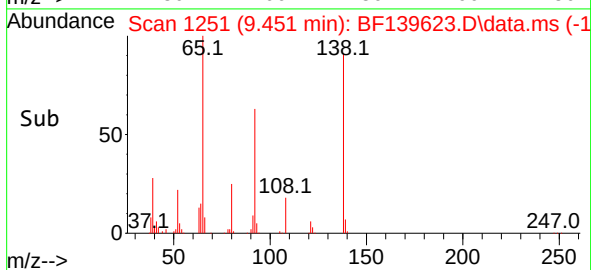
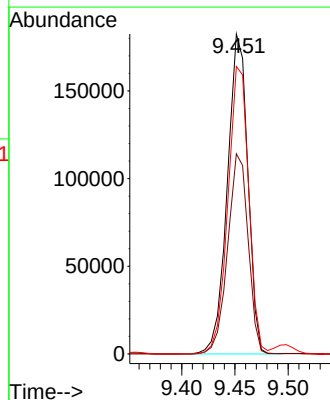
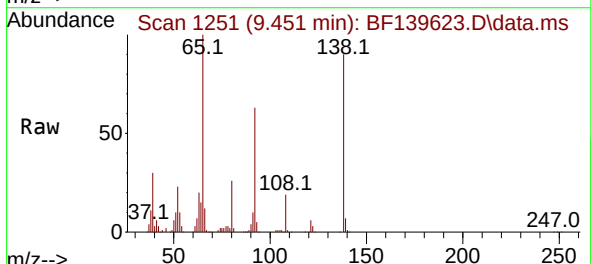
RT: 9.451 min Scan# 1251

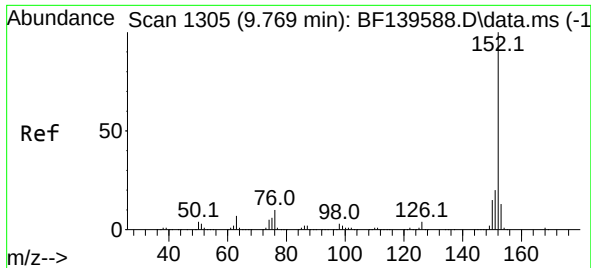
Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Tgt Ion: 65 Resp: 243859
 Ion Ratio Lower Upper
 65 100
 92 62.5 50.0 75.0
 138 89.9 73.8 110.8





#49
Acenaphthylene
Concen: 51.254 ng
RT: 9.769 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

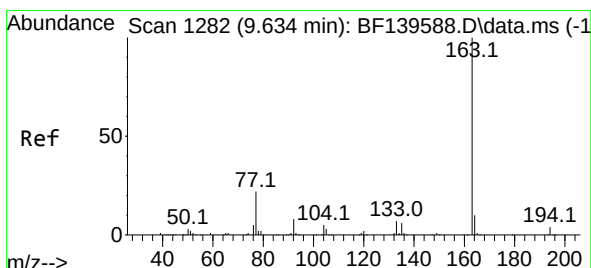
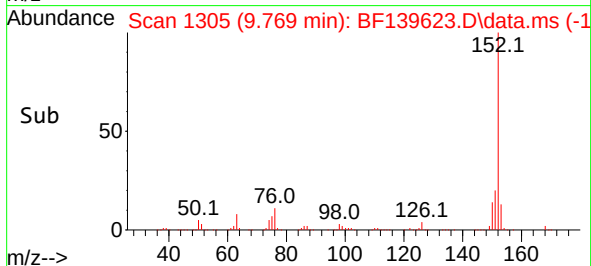
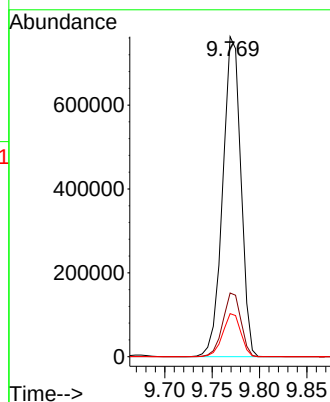
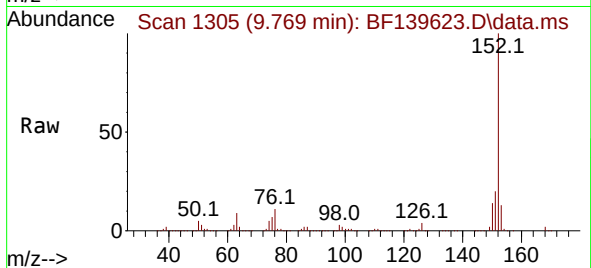
ClientSampleId :

PB163732BS

Tgt Ion:152 Resp: 101831
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.4 10.5 15.7

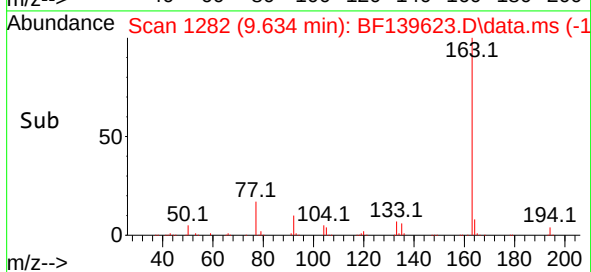
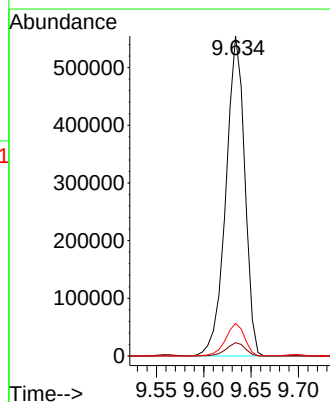
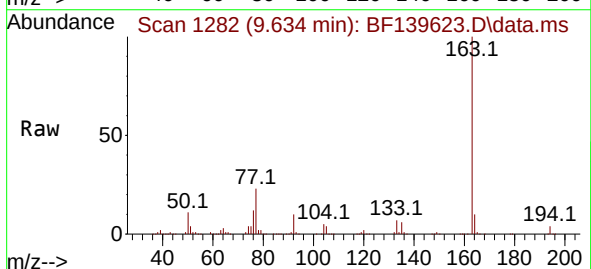
Manual Integrations
APPROVED

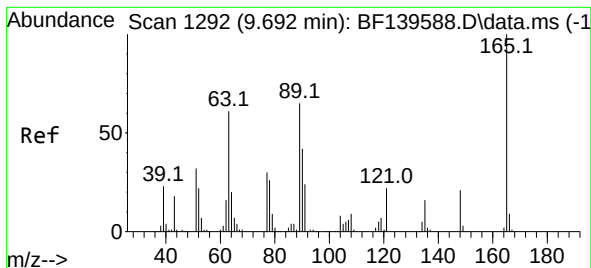
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#50
Dimethylphthalate
Concen: 50.115 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:163 Resp: 768664
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.417 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

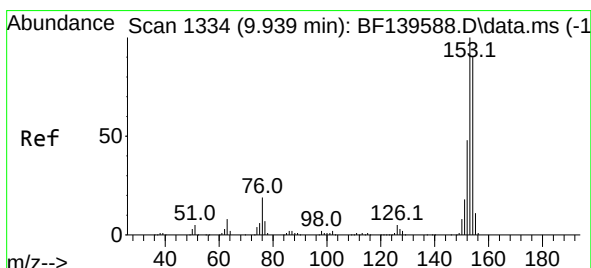
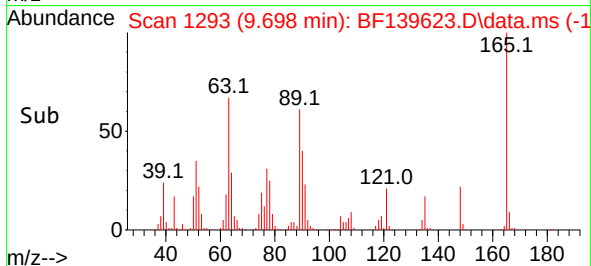
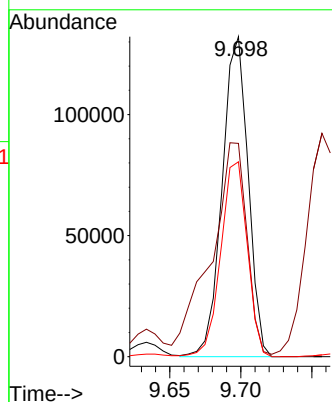
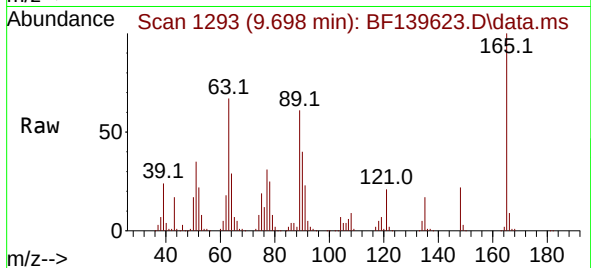
PB163732BS

Tgt Ion:165 Resp: 16775
Ion Ratio Lower Upper
165 100
63 66.6 56.7 85.1
89 60.9 51.6 77.4

Manual Integrations

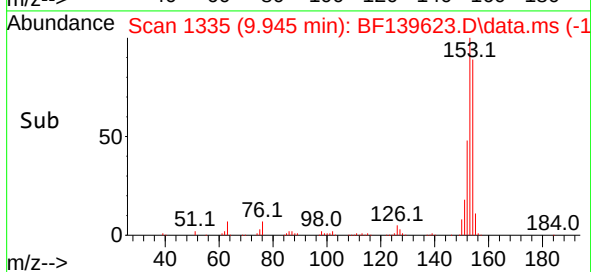
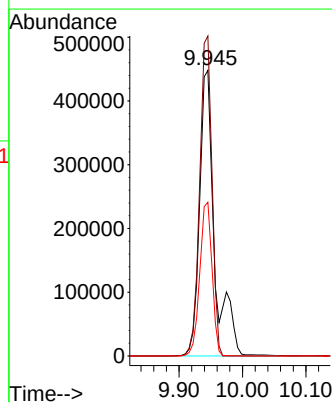
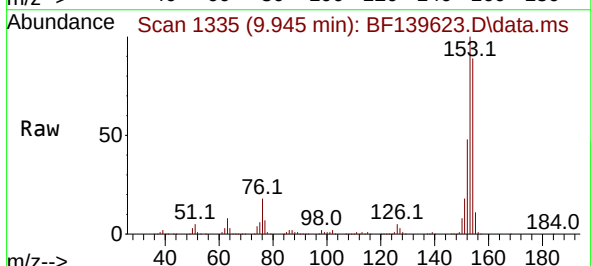
APPROVED

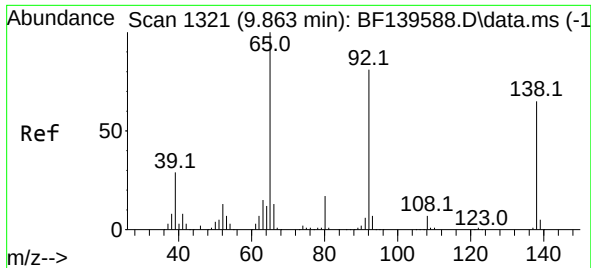
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#52
Acenaphthene
Concen: 54.329 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:154 Resp: 741021
Ion Ratio Lower Upper
154 100
153 112.0 88.8 133.2
152 53.9 42.5 63.7





#53
3-Nitroaniline
Concen: 35.891 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

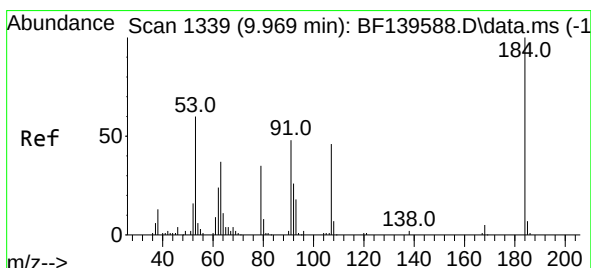
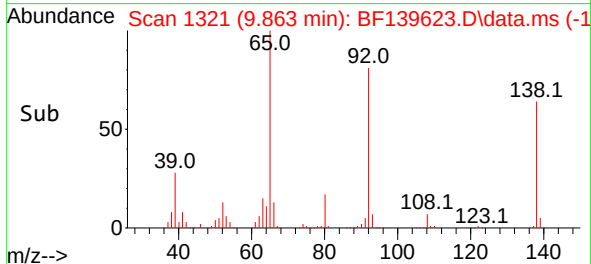
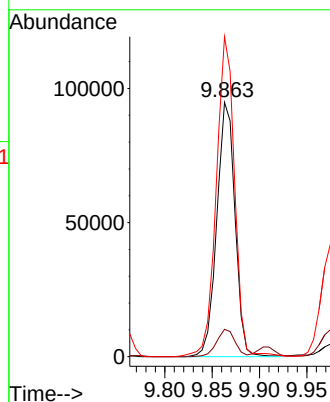
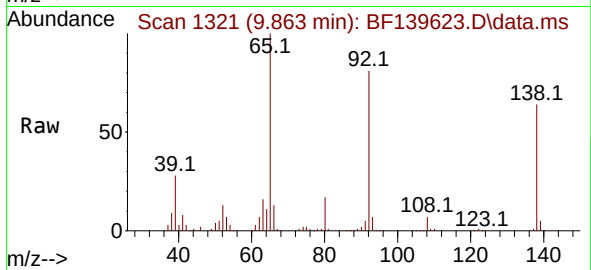
ClientSampleId :

PB163732BS

Tgt Ion:138 Resp: 127079
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 125.8 100.0 150.0

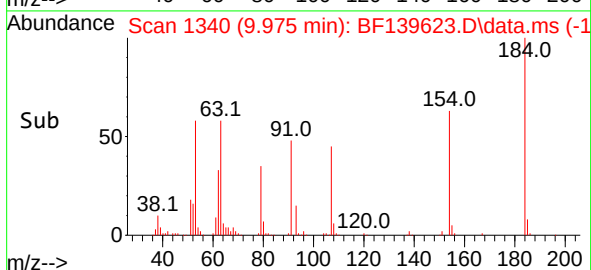
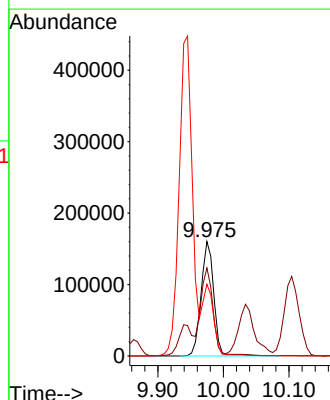
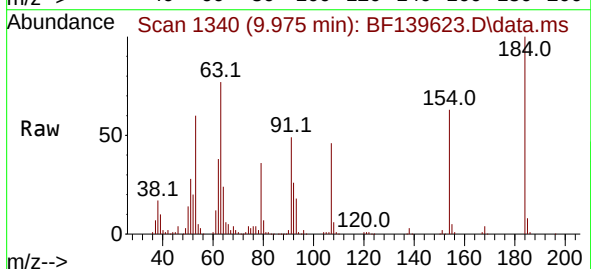
Manual Integrations
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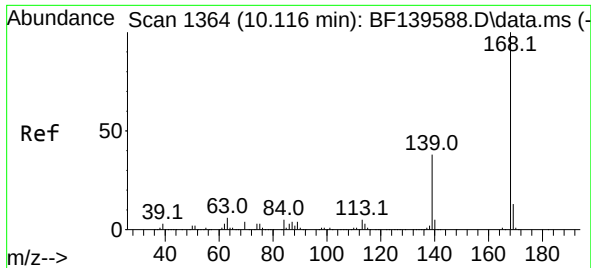
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#54
2,4-Dinitrophenol
Concen: 117.291 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

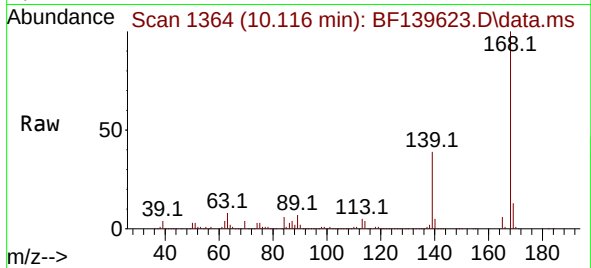
Tgt Ion:184 Resp: 218580
Ion Ratio Lower Upper
184 100
63 77.0 61.7 92.5
154 62.7 53.0 79.4





#55
Dibenzofuran
Concen: 48.305 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

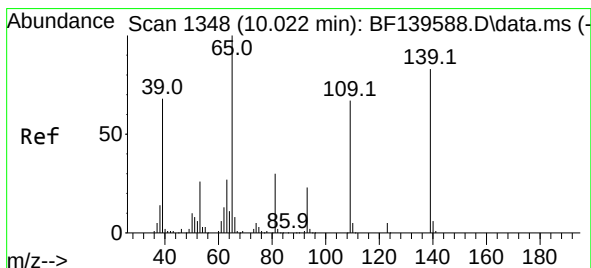
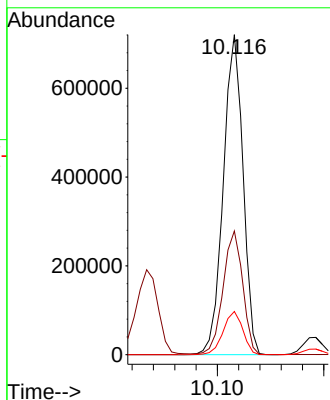
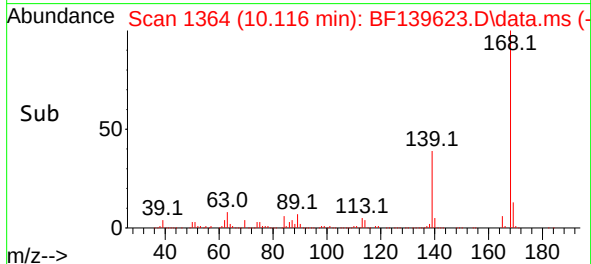
Instrument :
BNA_F
ClientSampleId :
PB163732BS



Tgt Ion:168 Resp: 92249
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 13.5 10.7 16.1

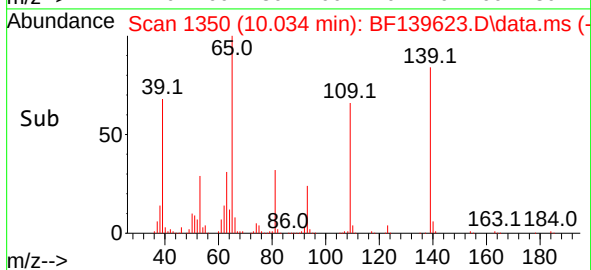
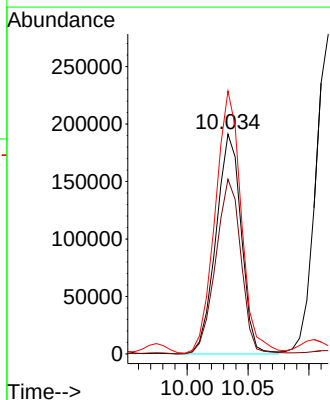
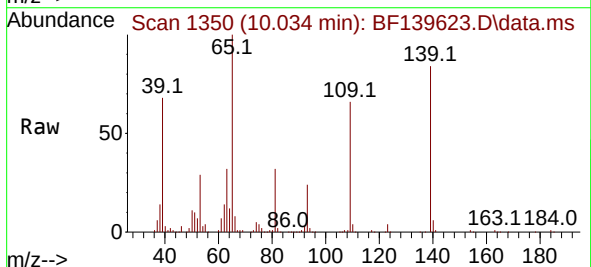
Manual Integrations
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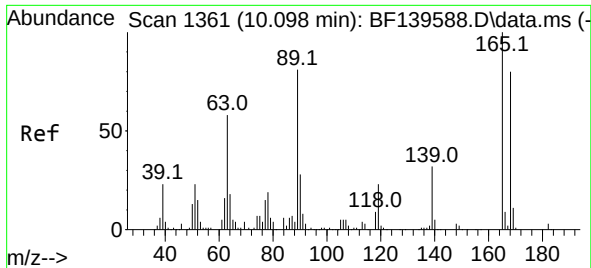
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#56
4-Nitrophenol
Concen: 102.262 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:139 Resp: 276117
Ion Ratio Lower Upper
139 100
109 79.5 60.3 100.3
65 119.7 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 50.066 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

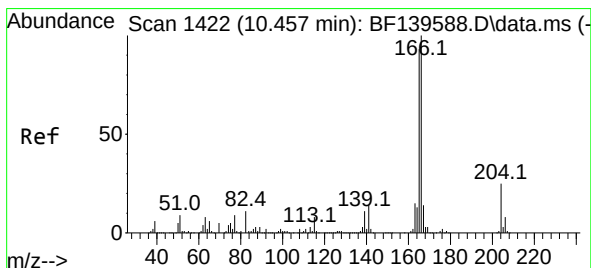
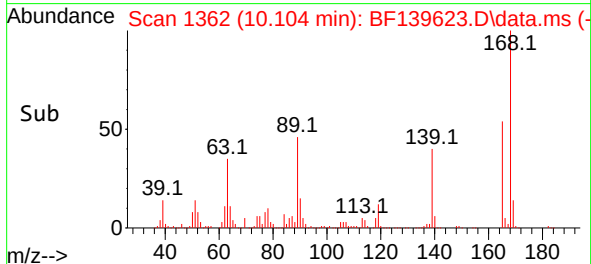
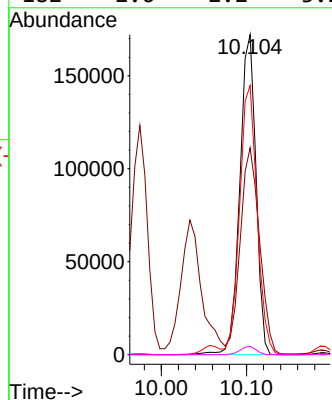
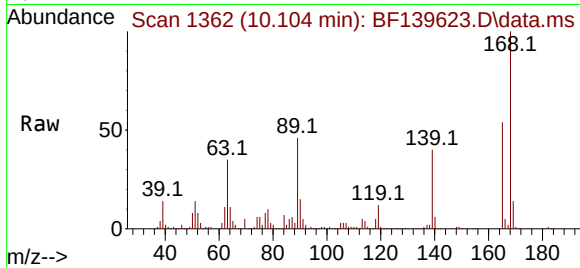
ClientSampleId :

PB163732BS

Tgt Ion:165 Resp: 22674
Ion Ratio Lower Upper
165 100
63 64.7 46.9 70.3
89 84.1 64.4 96.6
182 2.6 2.2 3.2

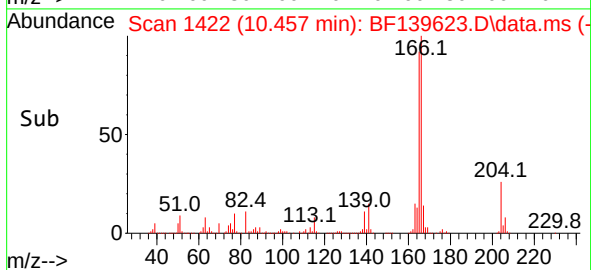
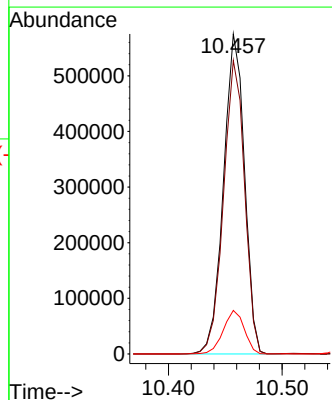
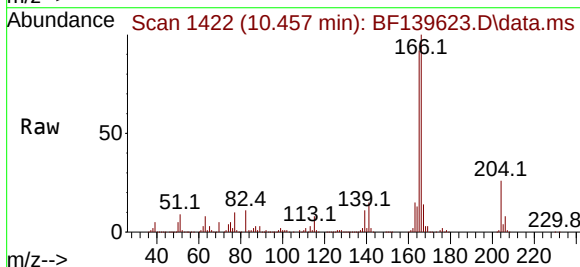
Manual Integrations
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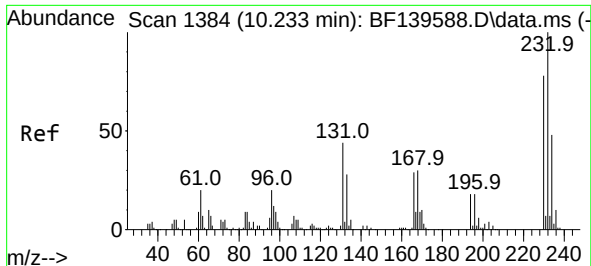
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#58
Fluorene
Concen: 48.687 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

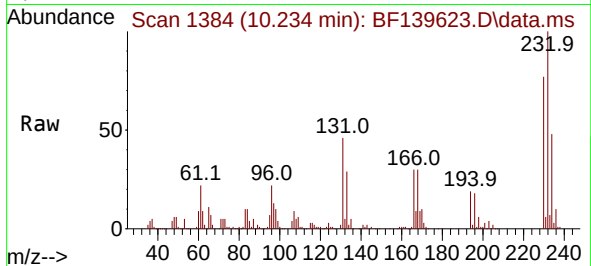
Tgt Ion:166 Resp: 740562
Ion Ratio Lower Upper
166 100
165 91.7 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.891 ng
RT: 10.234 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

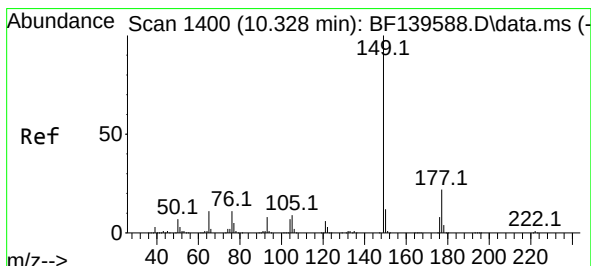
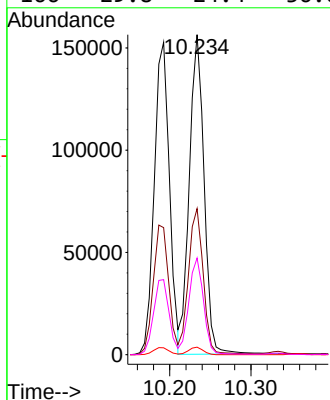
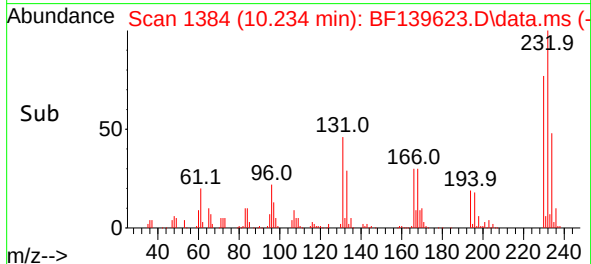
Instrument :
BNA_F
ClientSampleId :
PB163732BS



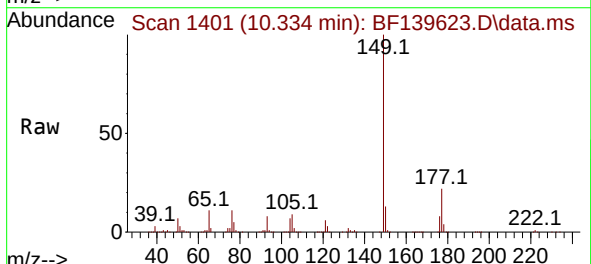
Tgt Ion:232 Resp: 19824
Ion Ratio Lower Upper
232 100
131 46.1 37.8 56.6
130 2.3 1.9 2.9
166 29.8 24.4 36.6

Manual Integrations
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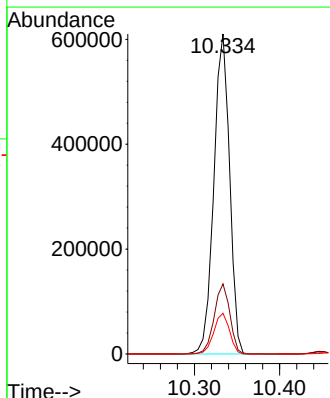
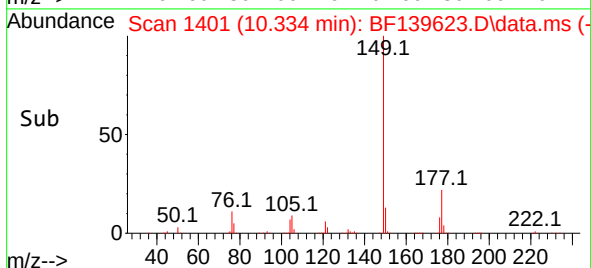
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

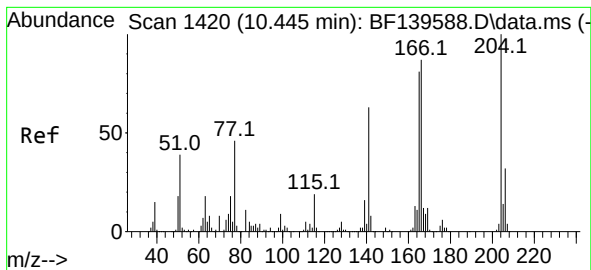


#60
Diethylphthalate
Concen: 49.384 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



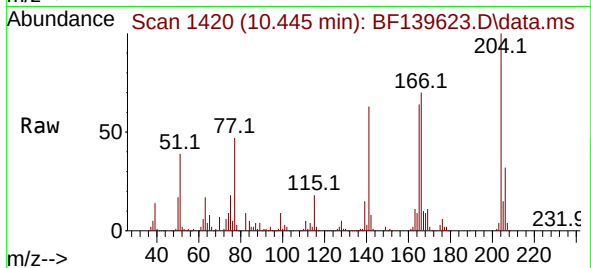
Tgt Ion:149 Resp: 782353
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.091 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

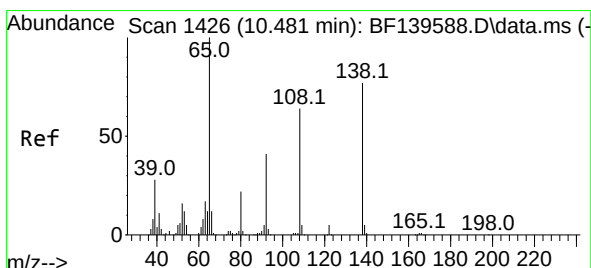
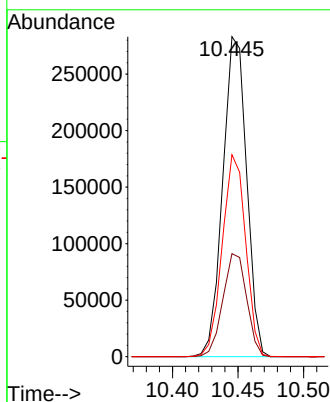
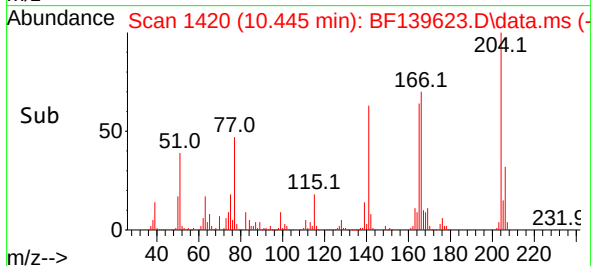
Instrument :
BNA_F
ClientSampleId :
PB163732BS



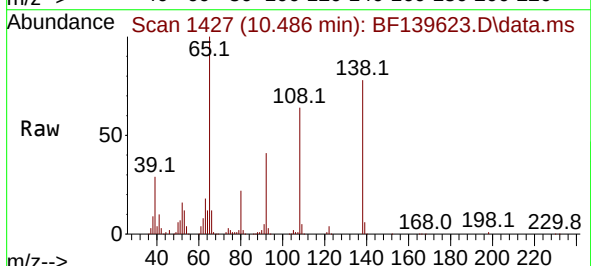
Tgt Ion:204 Resp: 358349
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 63.1 50.5 75.7

Manual Integrations
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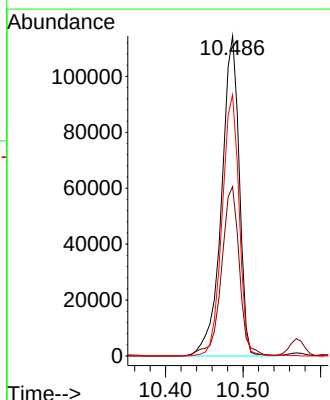
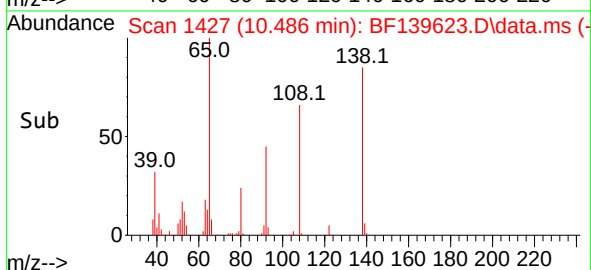
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

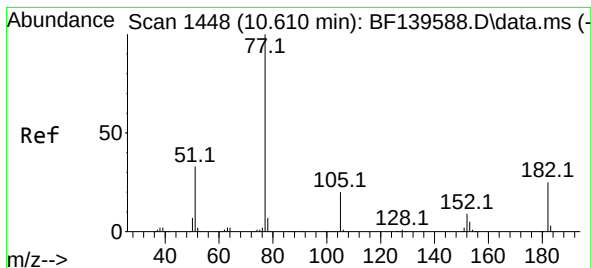


#62
4-Nitroaniline
Concen: 50.078 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:138 Resp: 181366
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 81.6 62.1 102.1





#63

Azobenzene

Concen: 50.045 ng

RT: 10.610 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

Tgt Ion: 77 Resp: 79731

Ion Ratio Lower Upper

77 100

182 23.9 4.2 44.2

105 19.7 0.0 39.6

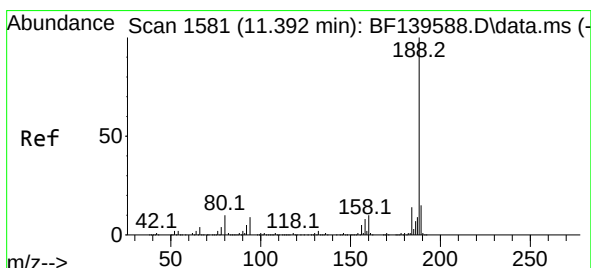
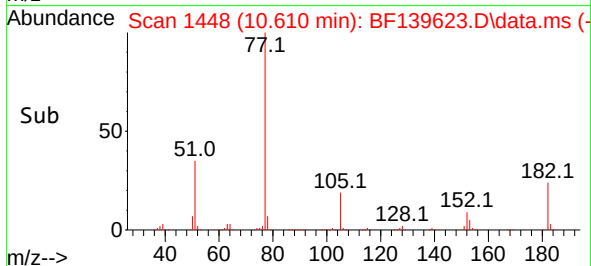
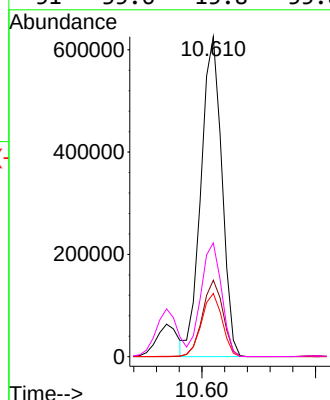
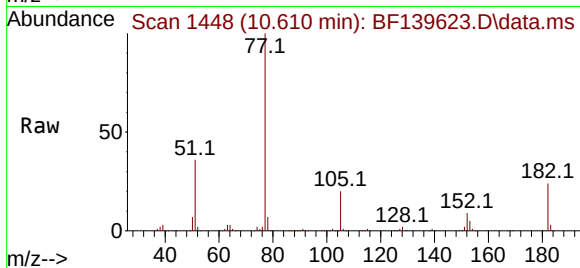
51 35.6 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

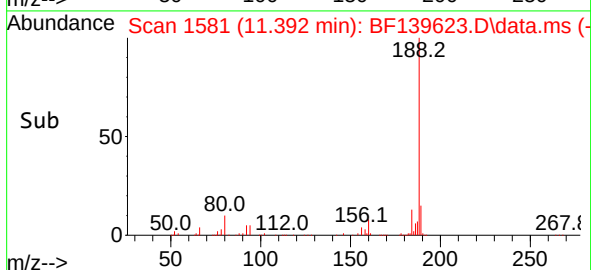
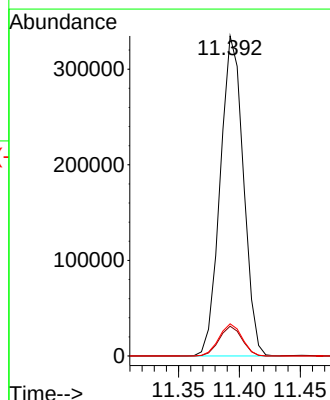
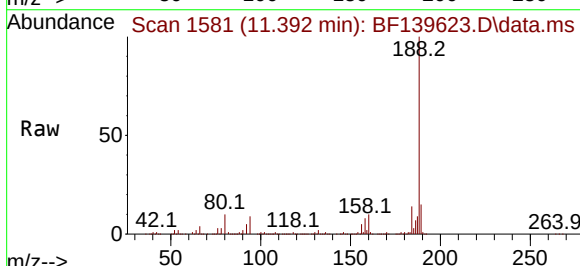
Tgt Ion:188 Resp: 443538

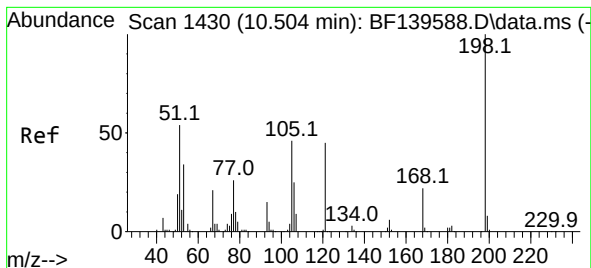
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.1 8.2 12.2





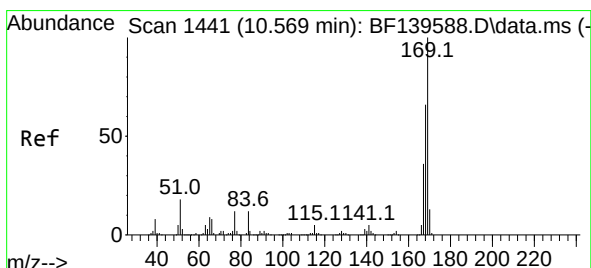
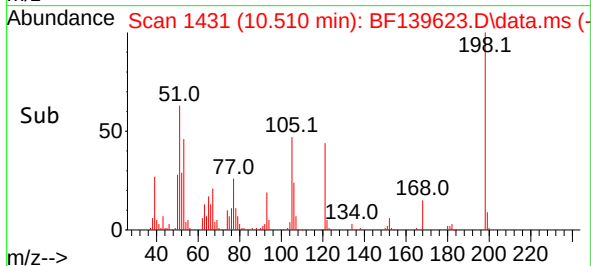
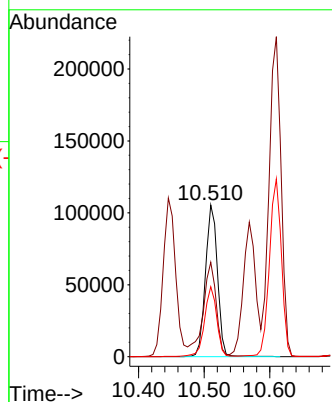
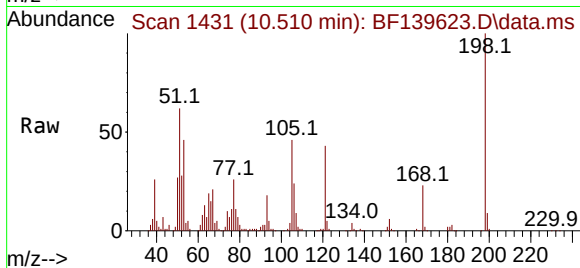
#65
4,6-Dinitro-2-methylphenol
Concen: 53.792 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB163732BS

Tgt Ion:198 Resp: 13475
Ion Ratio Lower Upper
198 100
51 62.3 43.0 83.0
105 46.1 26.6 66.6

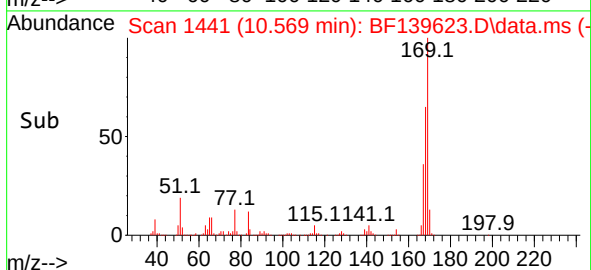
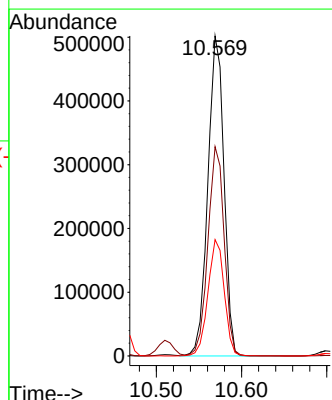
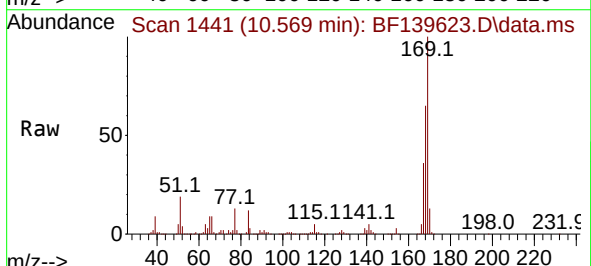
Manual Integrations
APPROVED

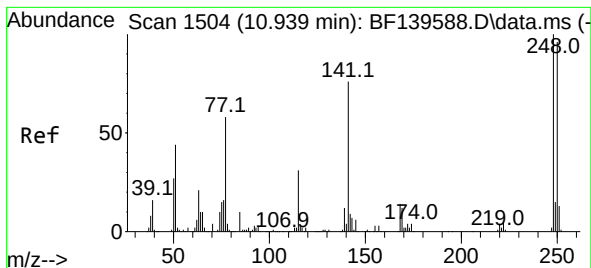
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#66
n-Nitrosodiphenylamine
Concen: 50.364 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:169 Resp: 658455
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 36.3 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 48.478 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

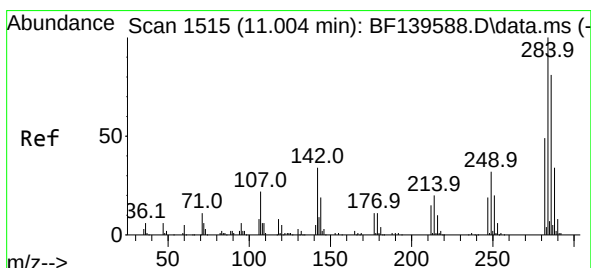
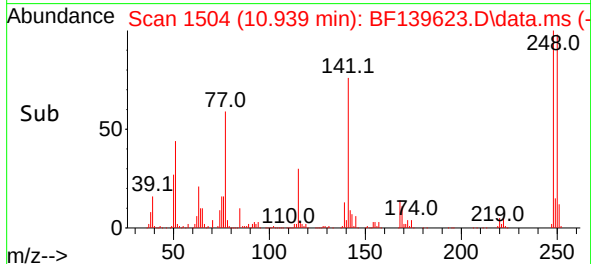
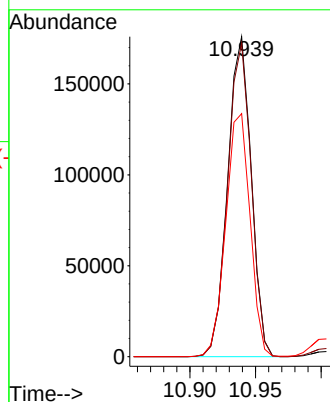
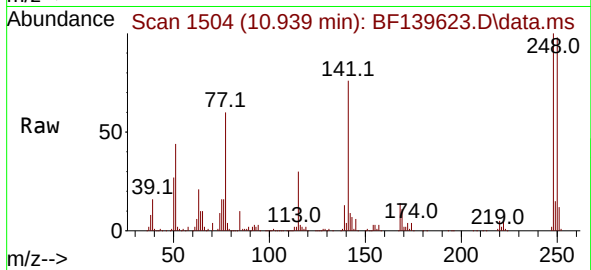
PB163732BS

Tgt Ion:248 Resp: 220460
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 75.9 60.4 90.6

Manual Integrations

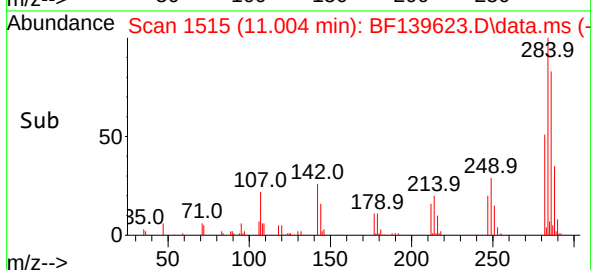
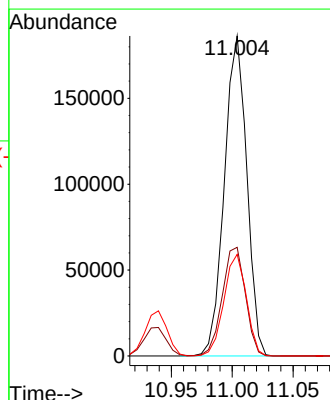
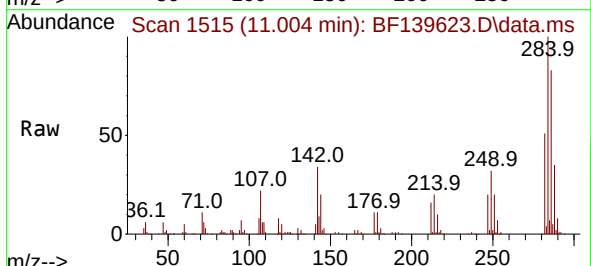
APPROVED

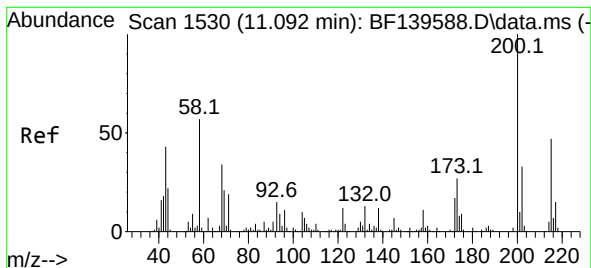
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#68
Hexachlorobenzene
Concen: 47.287 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:284 Resp: 238622
Ion Ratio Lower Upper
284 100
142 34.0 26.9 40.3
249 31.7 25.4 38.0





#69

Atrazine

Concen: 61.461 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

Tgt Ion:200 Resp: 215590

Ion Ratio Lower Upper

200 100

173 27.4 6.7 46.7

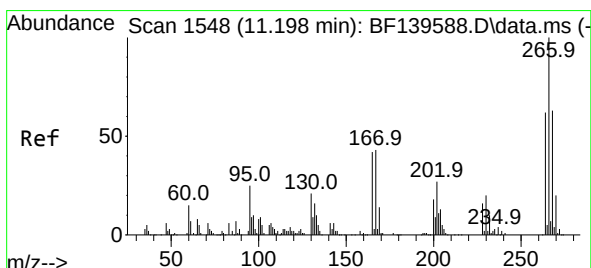
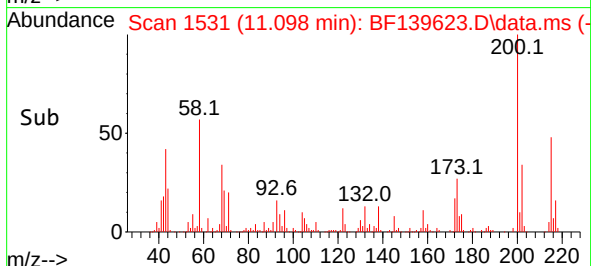
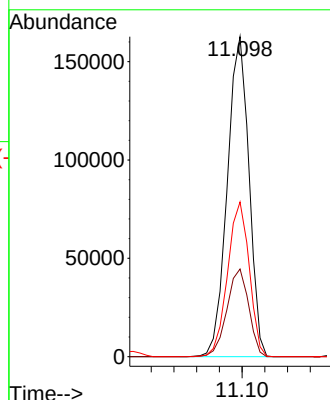
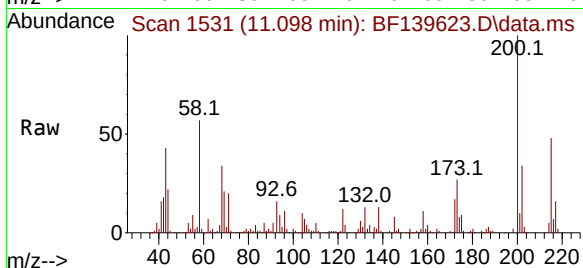
215 48.3 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#70

Pentachlorophenol

Concen: 94.483 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

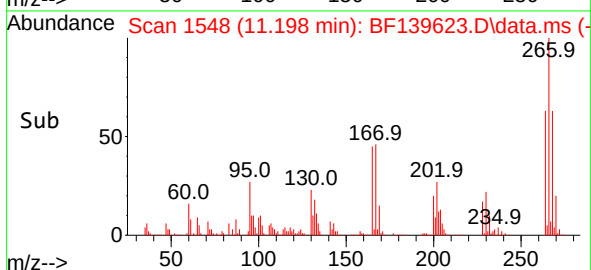
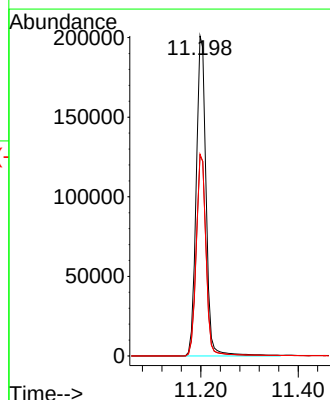
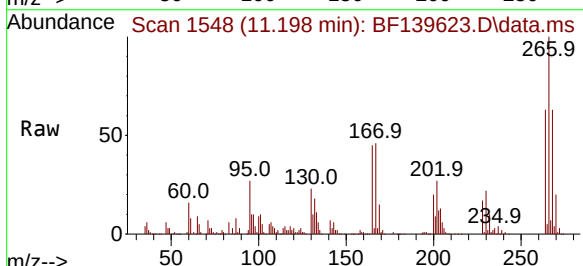
Tgt Ion:266 Resp: 283902

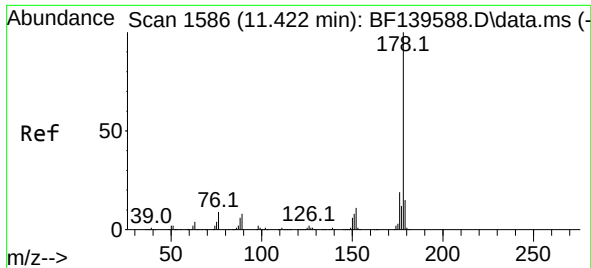
Ion Ratio Lower Upper

266 100

268 62.7 50.0 75.0

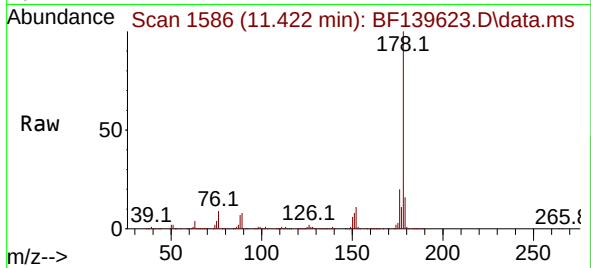
264 63.1 49.3 73.9





#71
Phenanthrene
Concen: 50.033 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

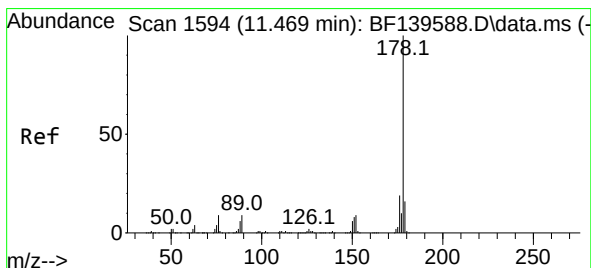
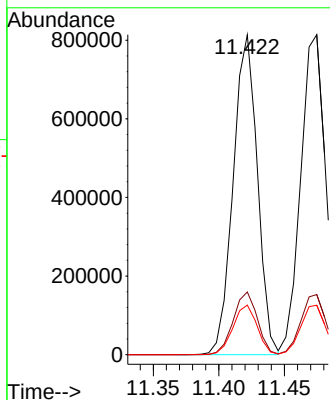
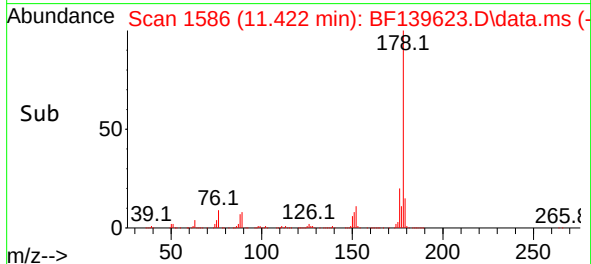
Instrument :
BNA_F
ClientSampleId :
PB163732BS



Tgt Ion:178 Resp: 1046350
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.5 12.3 18.5

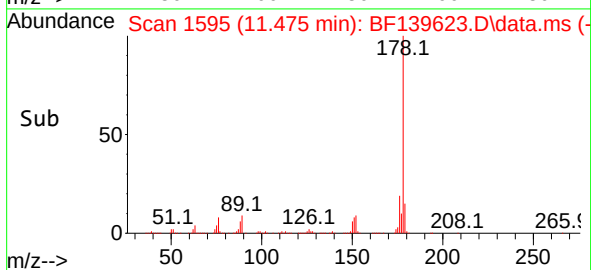
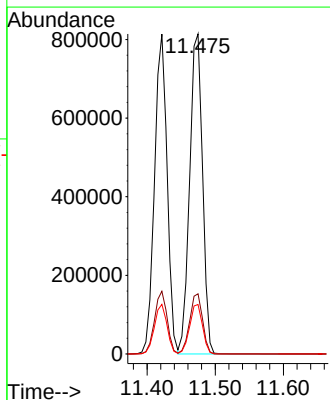
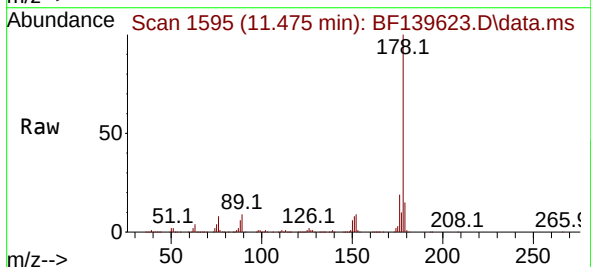
Manual Integrations
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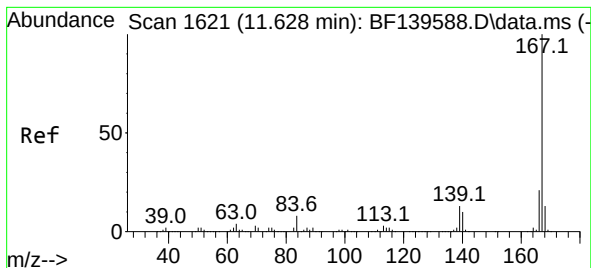
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#72
Anthracene
Concen: 51.567 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:178 Resp: 1066897
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.5 18.7





#73

Carbazole

Concen: 48.979 ng

RT: 11.628 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

Tgt Ion:167 Resp: 97326

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

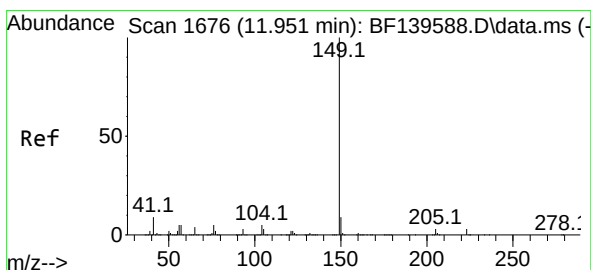
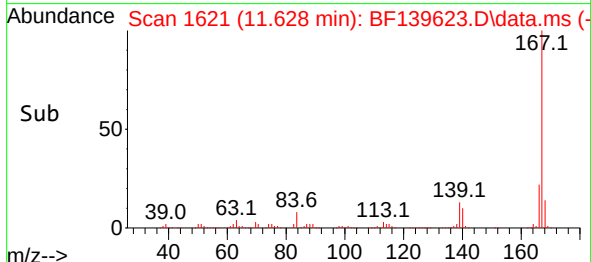
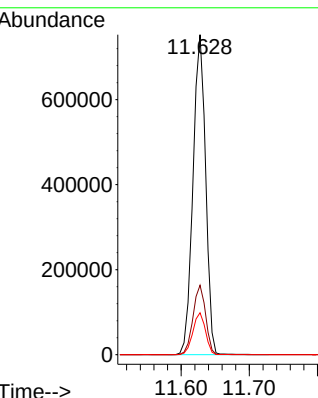
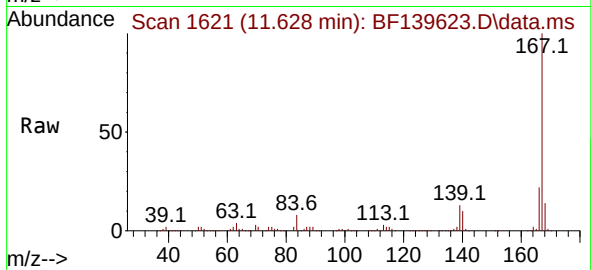
139 13.1 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#74

Di-n-butylphthalate

Concen: 51.127 ng

RT: 11.951 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

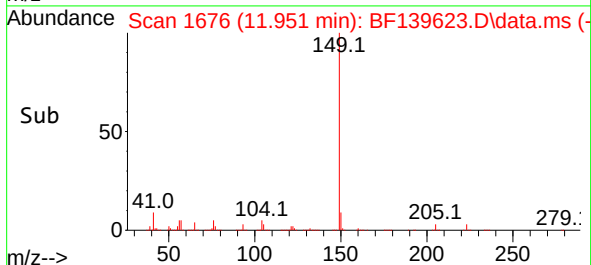
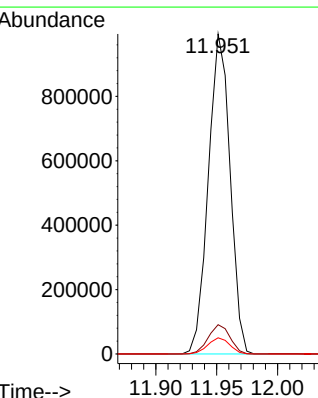
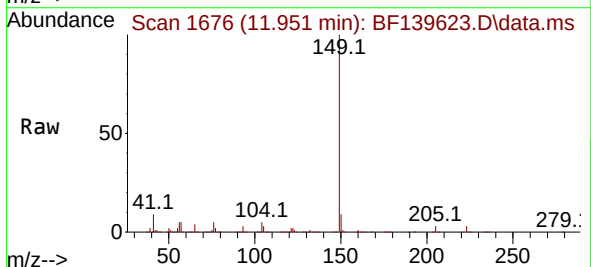
Tgt Ion:149 Resp: 1235440

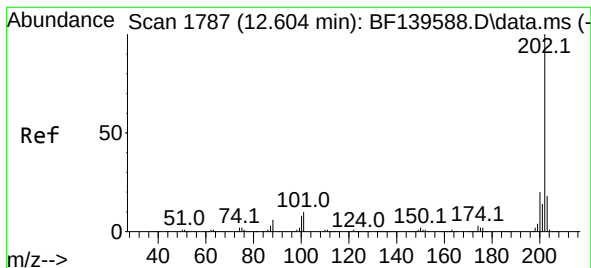
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

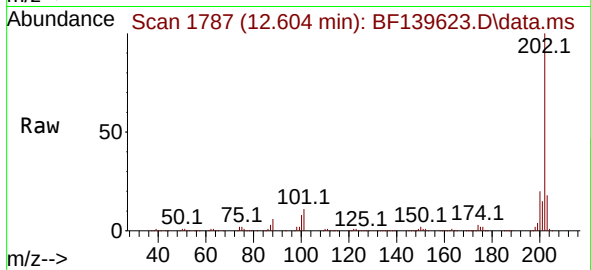
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.398 ng
RT: 12.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

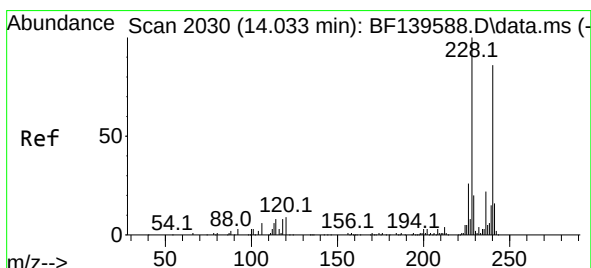
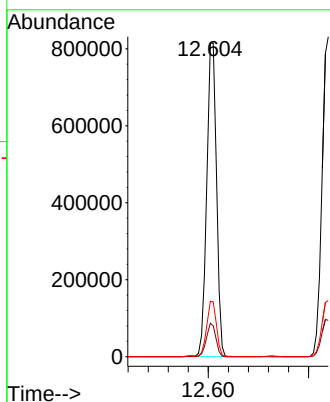
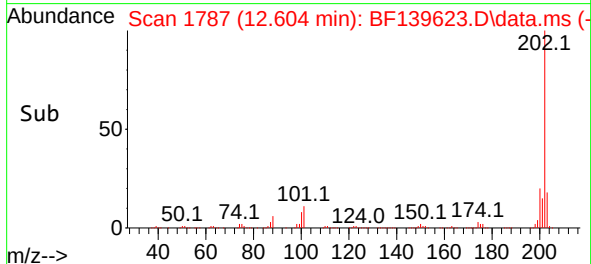
Instrument :
BNA_F
ClientSampleId :
PB163732BS



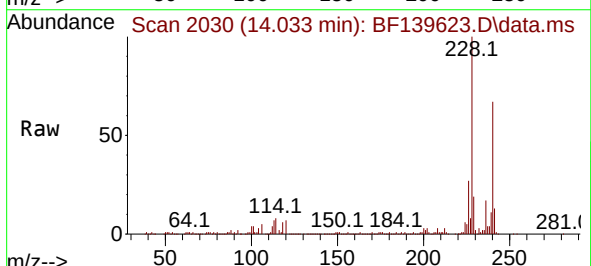
Tgt Ion:202 Resp: 1106430
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.2
203 17.7 0.0 37.7

Manual Integrations
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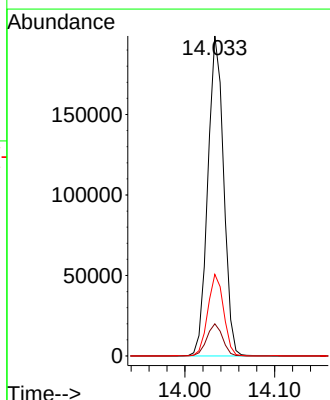
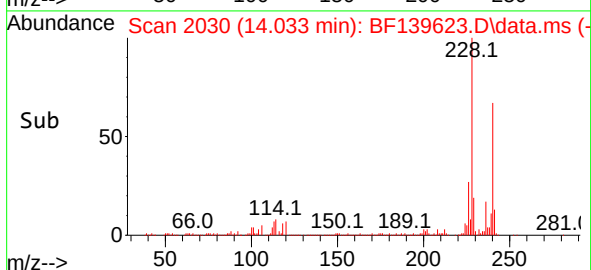
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

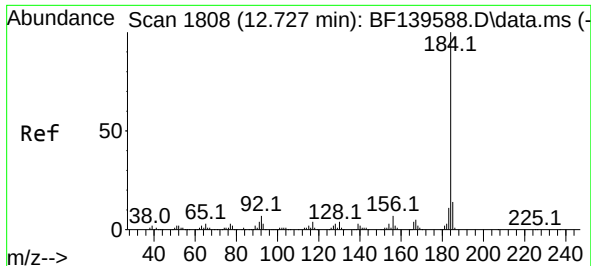


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



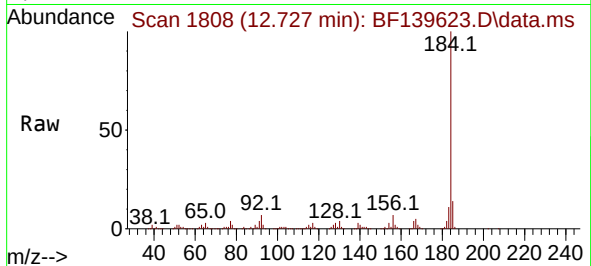
Tgt Ion:240 Resp: 243056
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.5 20.3 30.5





#77
Benzidine
Concen: 79.564 ng
RT: 12.727 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

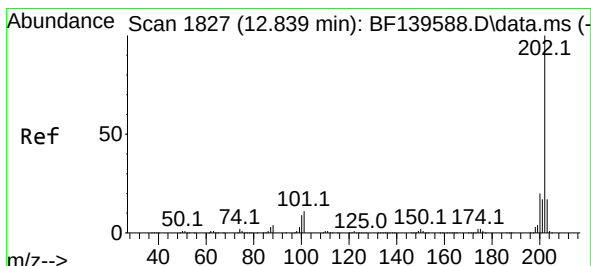
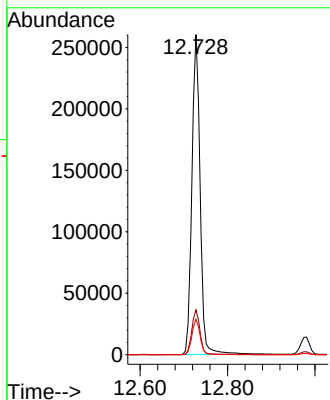
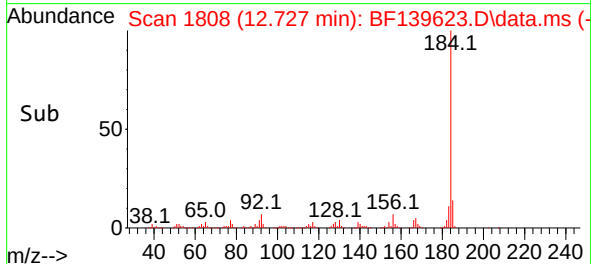
Instrument :
BNA_F
ClientSampleId :
PB163732BS



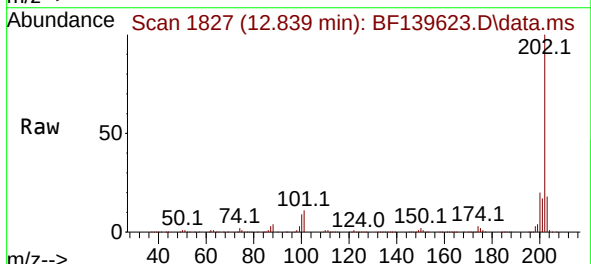
Tgt Ion:184 Resp: 341109
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.1 8.8 13.2

Manual Integrations
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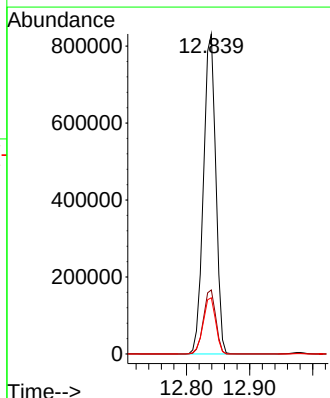
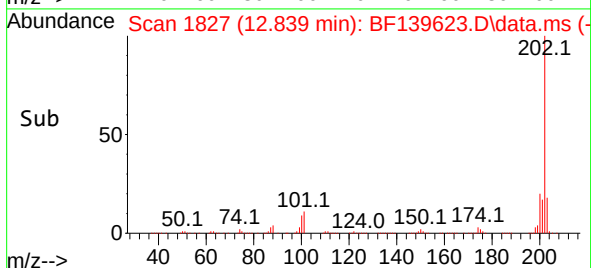
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

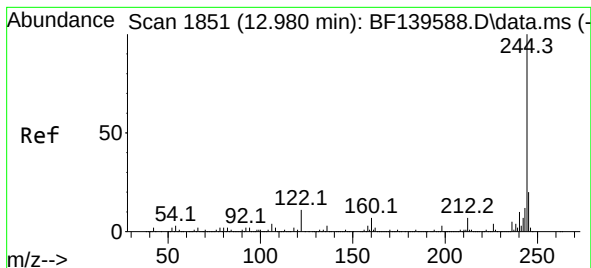


#78
Pyrene
Concen: 51.786 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:202 Resp: 1125751
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.6
203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 101.237 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139623.D

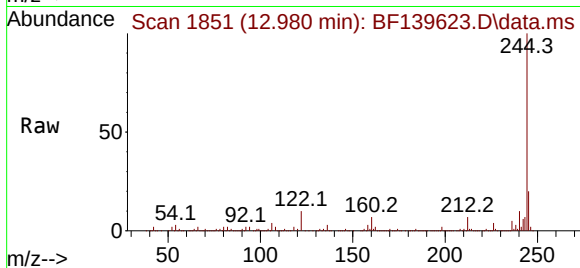
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS



Tgt Ion:244 Resp: 1499624

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

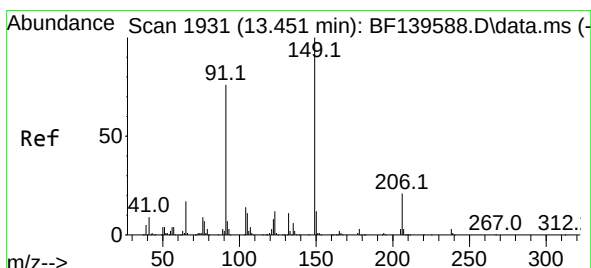
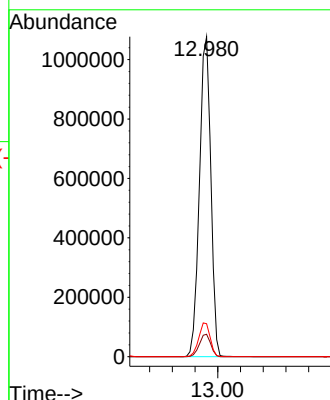
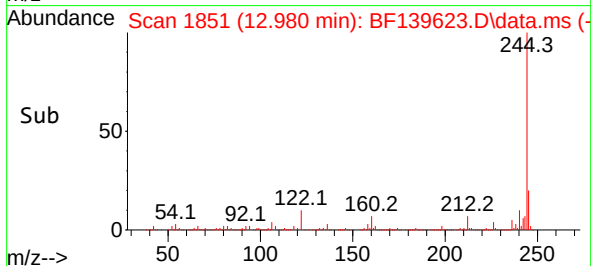
122 10.3 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#80

Butylbenzylphthalate

Concen: 55.382 ng

RT: 13.451 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

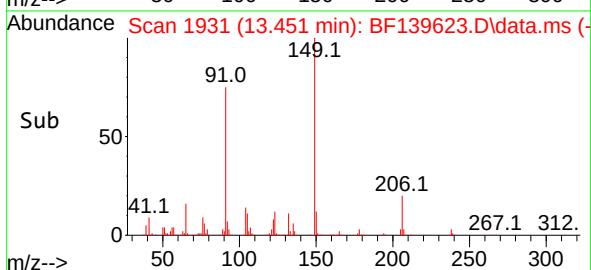
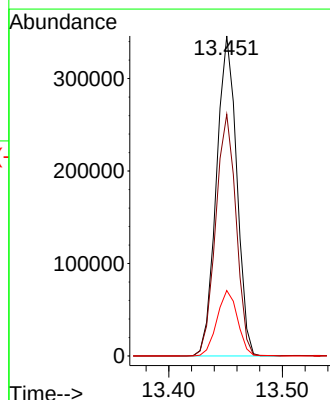
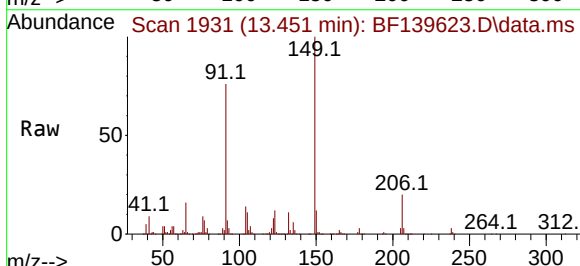
Tgt Ion:149 Resp: 430637

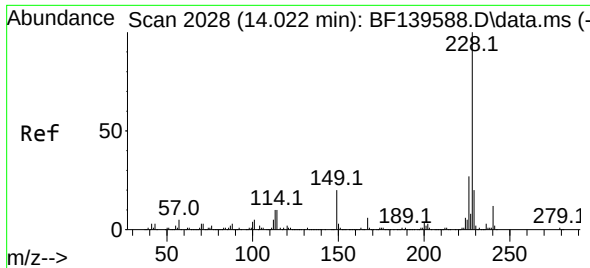
Ion Ratio Lower Upper

149 100

91 75.5 61.0 91.4

206 20.5 16.6 24.8





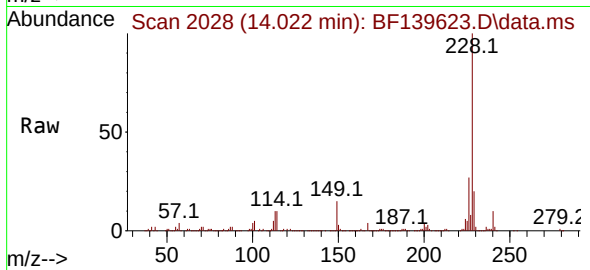
#81
Benzo(a)anthracene
Concen: 50.066 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS

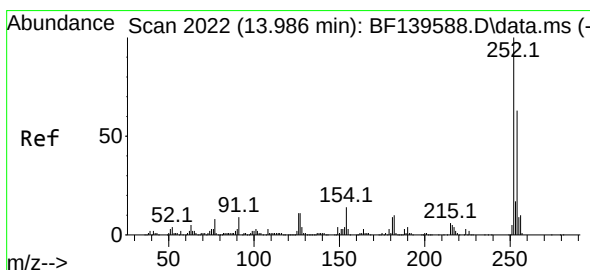
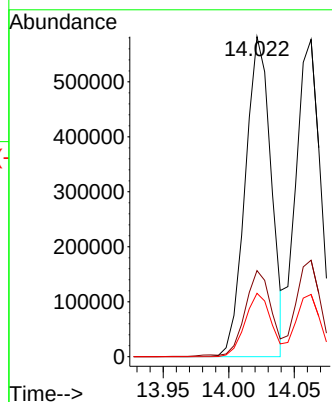
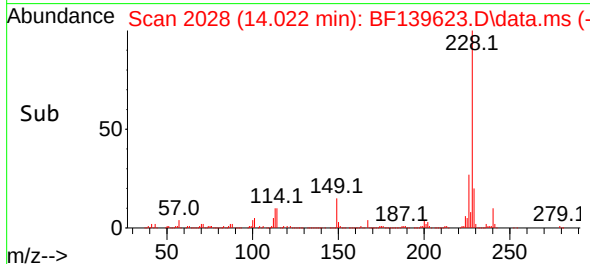


Tgt Ion:228 Resp: 800059
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.8 15.8 23.8

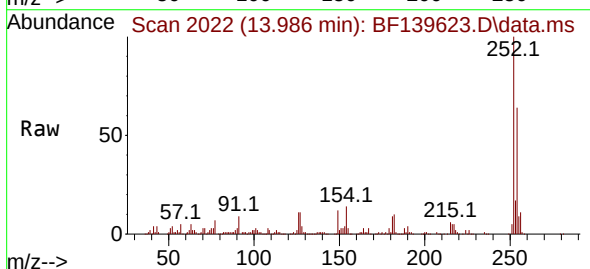
Manual Integrations

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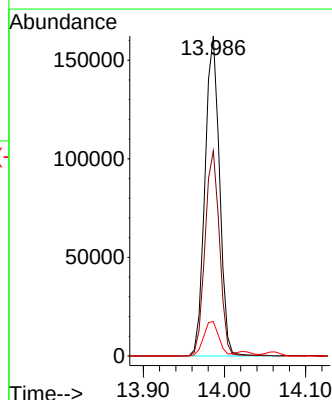
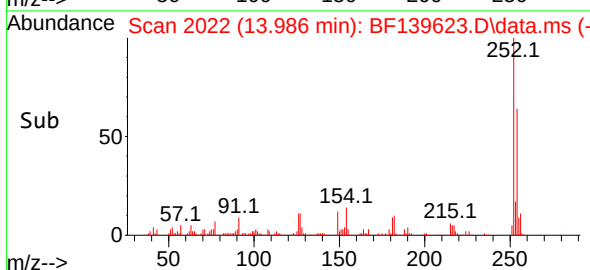
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

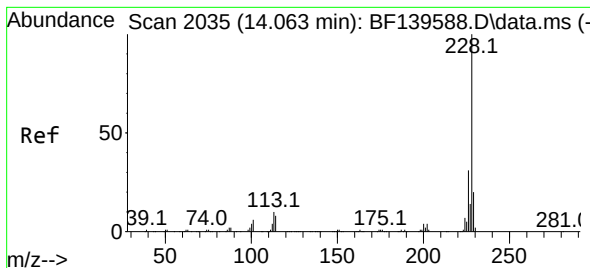


#82
3,3'-Dichlorobenzidine
Concen: 41.236 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:252 Resp: 201669
Ion Ratio Lower Upper
252 100
254 64.1 50.5 75.7
126 10.8 8.8 13.2





#83

Chrysene

Concen: 51.015 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF139623.D

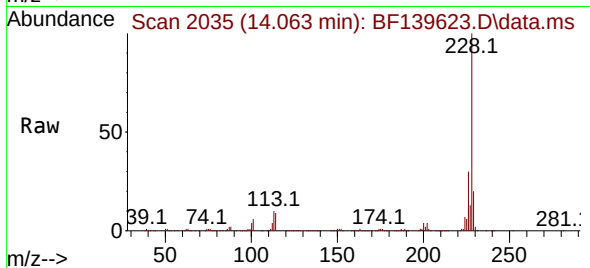
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB163732BS



Tgt Ion:228 Resp: 745324

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

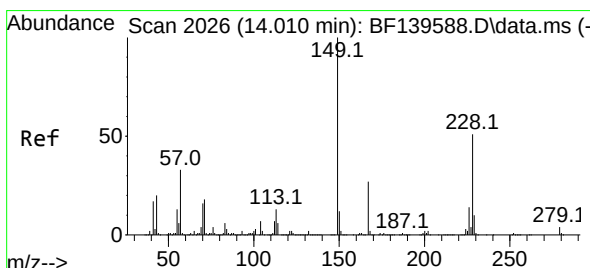
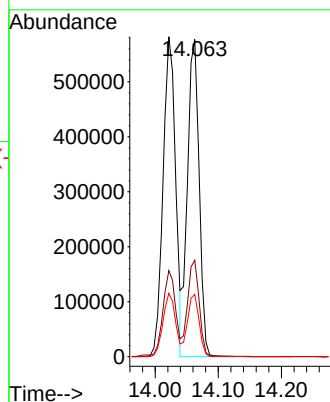
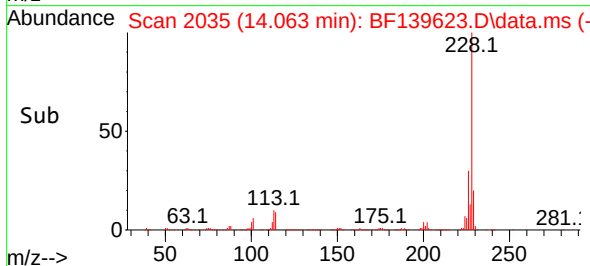
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.712 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

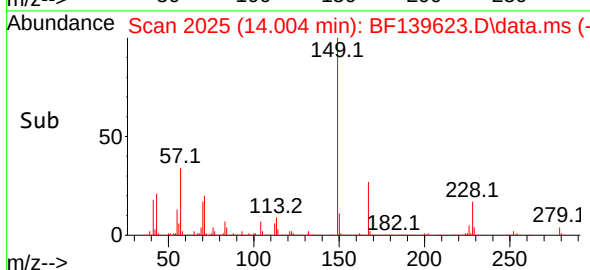
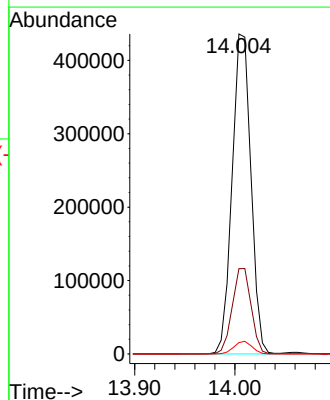
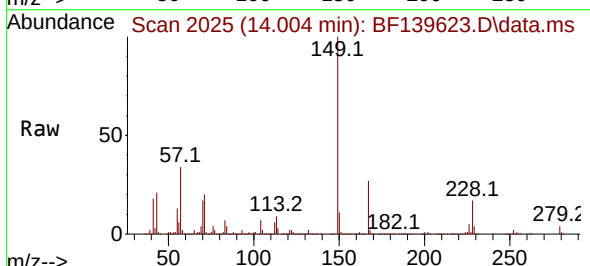
Tgt Ion:149 Resp: 570066

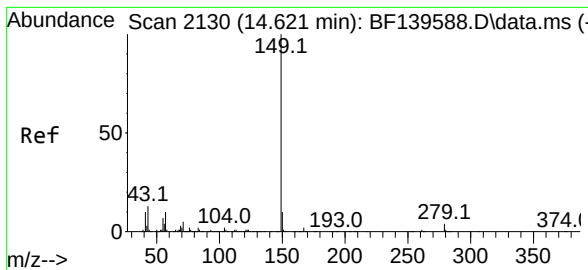
Ion Ratio Lower Upper

149 100

167 26.6 21.7 32.5

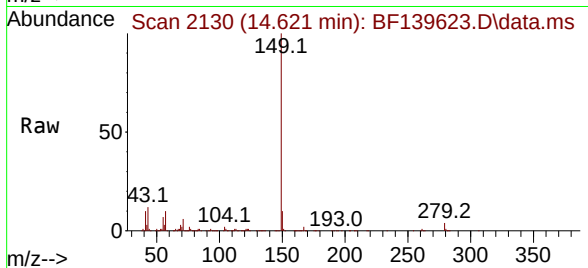
279 3.6 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 57.208 ng
RT: 14.621 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

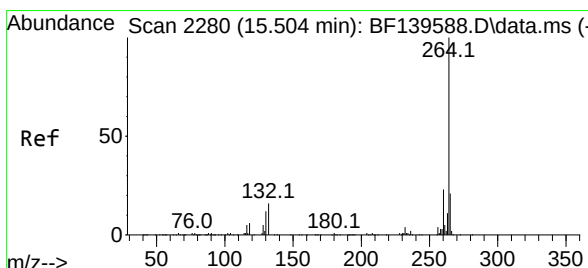
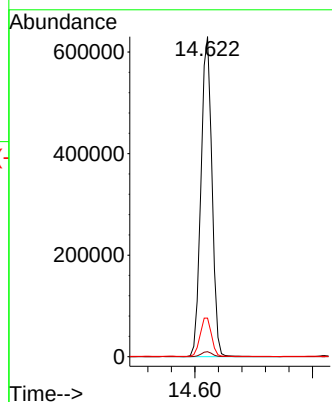
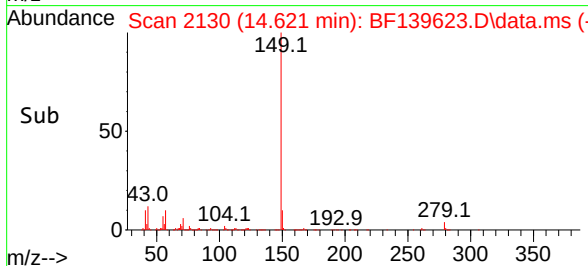
Instrument :
BNA_F
ClientSampleId :
PB163732BS



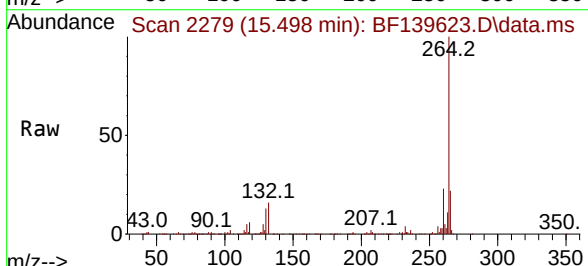
Tgt Ion:149 Resp: 81604
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 10.2 15.2

Manual Integrations
APPROVED

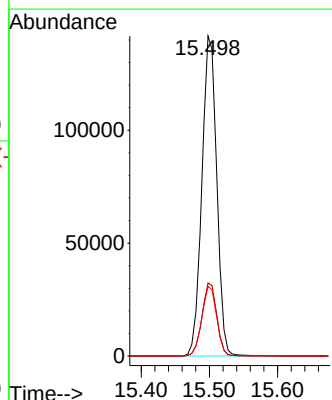
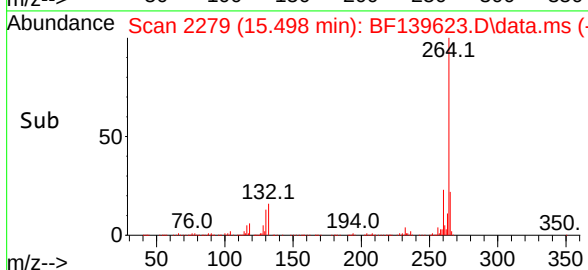
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

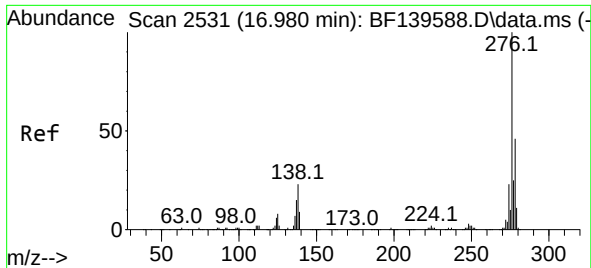


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19



Tgt Ion:264 Resp: 214719
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.7 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.280 ng
RT: 16.980 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

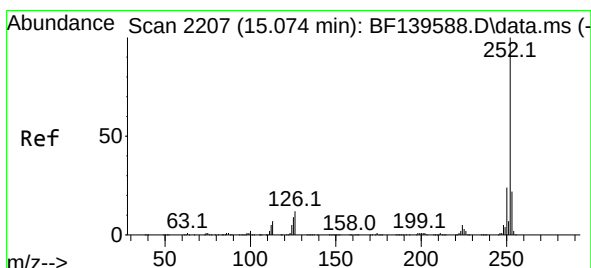
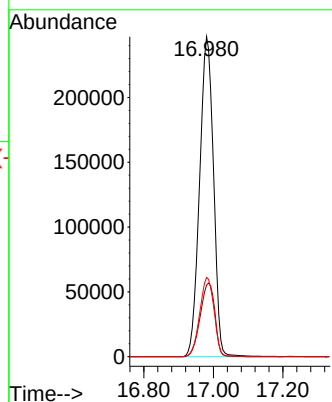
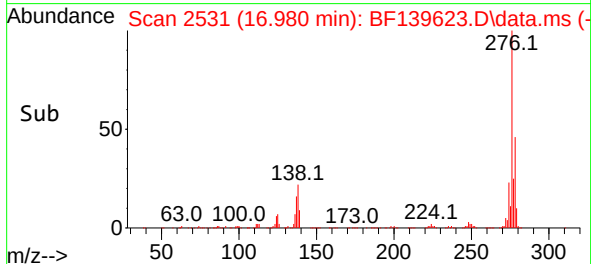
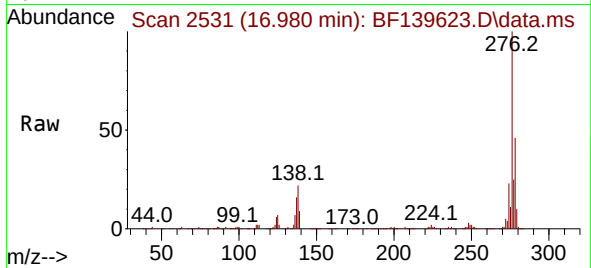
PB163732BS

Tgt Ion:276 Resp: 685980
Ion Ratio Lower Upper
276 100
138 24.2 19.4 29.0
277 25.4 20.2 30.2

Manual Integrations

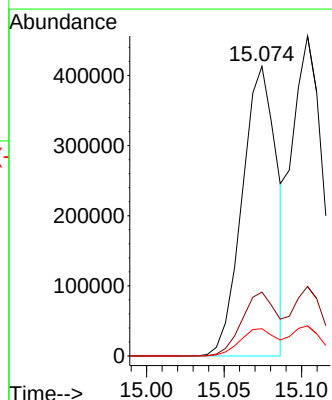
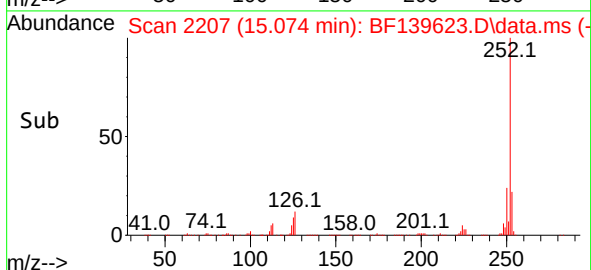
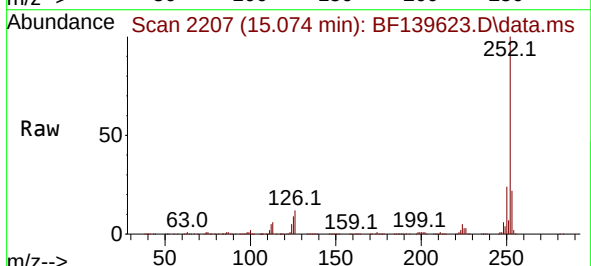
APPROVED

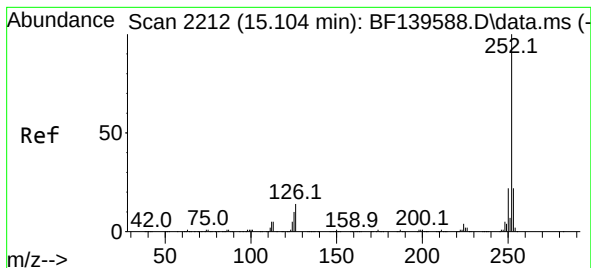
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#88
Benzo(b)fluoranthene
Concen: 45.984 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:252 Resp: 638415
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.001 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

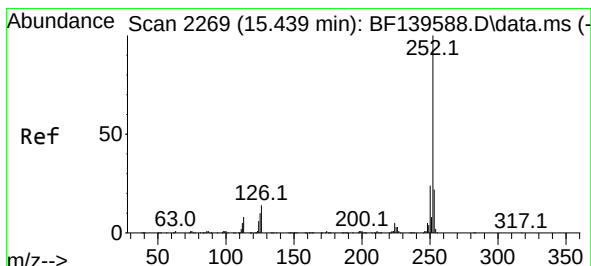
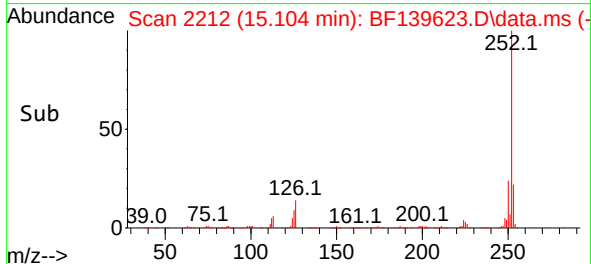
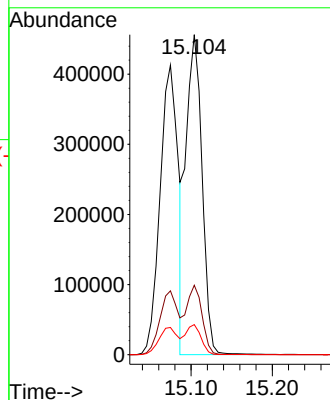
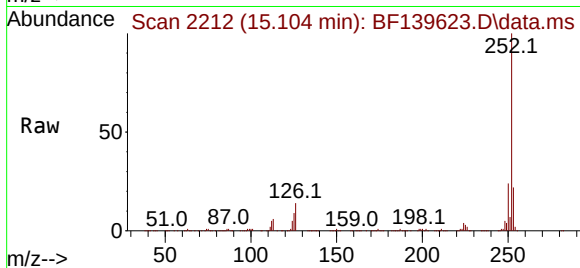
PB163732BS

Tgt Ion:252 Resp: 624186
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 9.4 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



#90

Benzo(a)pyrene

Concen: 53.718 ng

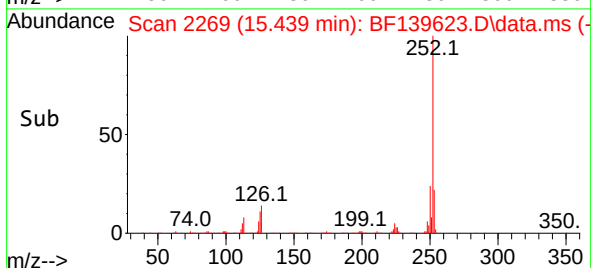
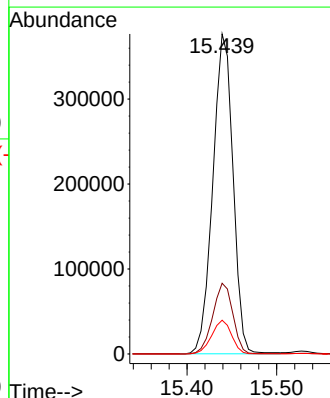
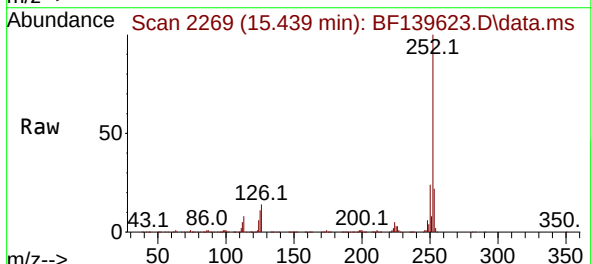
RT: 15.439 min Scan# 2269

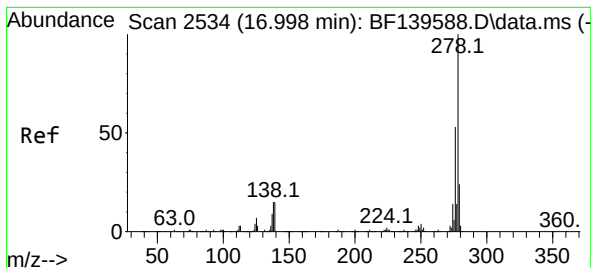
Delta R.T. 0.000 min

Lab File: BF139623.D

Acq: 03 Oct 2024 11:19

Tgt Ion:252 Resp: 588055
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.3 25.9
 125 10.5 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 53.723 ng
RT: 16.998 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Instrument :

BNA_F

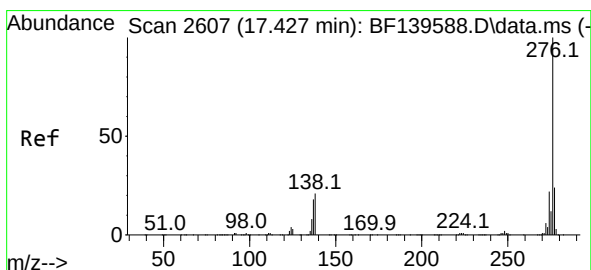
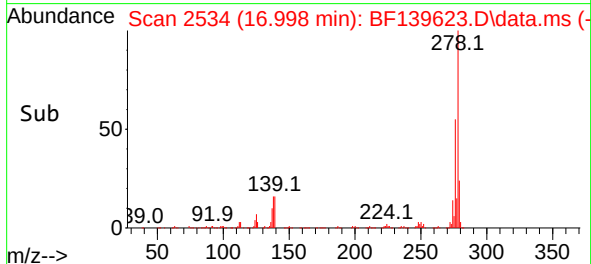
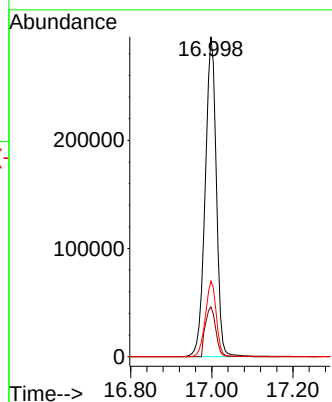
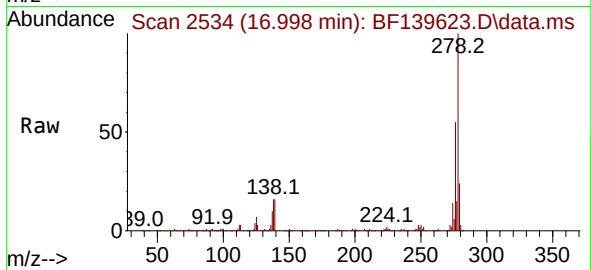
ClientSampleId :

PB163732BS

Tgt Ion:278 Resp: 563120
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#92
Benzo(g,h,i)perylene
Concen: 49.489 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF139623.D
Acq: 03 Oct 2024 11:19

Tgt Ion:276 Resp: 520250
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 20.9 17.0 25.6

