

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
 Data File : BF139703.D
 Acq On : 08 Oct 2024 10:38
 Operator : RC/JU
 Sample : PB163952BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163952BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 11:38:12 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	6.875	152	101550	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	388070	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	223737	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	426523	20.000	ng	0.00
76) Chrysene-d12	14.039	240	249491	20.000	ng	0.00
86) Perylene-d12	15.510	264	187304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	748270	127.714	ng	0.02
7) Phenol-d6	6.516	99	996565	126.483	ng	0.01
23) Nitrobenzene-d5	7.440	82	655109	85.470	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	272817	126.315	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1196540	82.101	ng	0.00
79) Terphenyl-d14	12.980	244	1380869	90.816	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	96452	38.077	ng	99
3) Pyridine	3.487	79	252296	40.953	ng	97
4) n-Nitrosodimethylamine	3.446	42	173703	43.076	ng	96
6) Aniline	6.534	93	338950	48.479	ng	# 60
8) 2-Chlorophenol	6.663	128	293723	46.792	ng	97
9) Benzaldehyde	6.422	77	94851	22.726	ng	100
10) Phenol	6.528	94	380176	45.888	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	286979	42.543	ng	100
12) 1,3-Dichlorobenzene	6.816	146	298887	42.326	ng	98
13) 1,4-Dichlorobenzene	6.893	146	308118	43.081	ng	98
14) 1,2-Dichlorobenzene	7.040	146	289819	43.237	ng	99
15) Benzyl Alcohol	7.016	79	276797	45.979	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	515782	44.168	ng	87
17) 2-Methylphenol	7.134	107	238318	45.477	ng	97
18) Hexachloroethane	7.381	117	112248	42.077	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	218994	43.232	ng	99
20) 3+4-Methylphenols	7.287	107	296592	45.060	ng	93
22) Acetophenone	7.281	105	400398	43.467	ng	97
24) Nitrobenzene	7.457	77	333887	42.068	ng	99
25) Isophorone	7.698	82	601914	44.214	ng	100
26) 2-Nitrophenol	7.775	139	158341	46.407	ng	98
27) 2,4-Dimethylphenol	7.810	122	229608m	54.970	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	352715	43.389	ng	99
29) 2,4-Dichlorophenol	8.016	162	247486	45.425	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	256706	41.663	ng	99
31) Naphthalene	8.175	128	863049	43.497	ng	100
32) Benzoic acid	7.945	122	190712	45.917	ng	99
33) 4-Chloroaniline	8.228	127	168168	25.039	ng	97
34) Hexachlorobutadiene	8.287	225	164260	41.196	ng	99
35) Caprolactam	8.604	113	83999m	47.006	ng	
36) 4-Chloro-3-methylphenol	8.716	107	280031	45.405	ng	99
37) 2-Methylnaphthalene	8.869	142	567070	43.882	ng	99
38) 1-Methylnaphthalene	8.969	142	522887	41.395	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	262195	42.202	ng	99
41) Hexachlorocyclopentadiene	9.016	237	301038	158.023	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	183082	43.713	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	197316	43.686	ng	98
46) 1,1'-Biphenyl	9.334	154	702333	42.205	ng	99
47) 2-Chloronaphthalene	9.357	162	530866	42.554	ng	99
48) 2-Nitroaniline	9.457	65	204183	45.595	ng	99
49) Acenaphthylene	9.775	152	875173	46.130	ng	100
50) Dimethylphthalate	9.634	163	649606	44.354	ng	100
51) 2,6-Dinitrotoluene	9.698	165	141690	42.826	ng	95
52) Acenaphthene	9.945	154	632059m	48.529	ng	
53) 3-Nitroaniline	9.869	138	116299	34.398	ng	98
54) 2,4-Dinitrophenol	9.981	184	168556	94.721	ng	97
55) Dibenzofuran	10.116	168	799564	43.846	ng	100
56) 4-Nitrophenol	10.039	139	236555	91.749	ng	95
57) 2,4-Dinitrotoluene	10.104	165	194181	44.902	ng	98
58) Fluorene	10.463	166	633779	43.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	171146	46.914	ng	97
60) Diethylphthalate	10.334	149	659188	43.575	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	306969	42.245	ng	97
62) 4-Nitroaniline	10.486	138	158855	45.934	ng	98
63) Azobenzene	10.610	77	668670	43.953	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	113045	46.928	ng	96
66) n-Nitrosodiphenylamine	10.569	169	556885	44.294	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	186747	42.703	ng	97
68) Hexachlorobenzene	11.004	284	207521	42.764	ng	99
69) Atrazine	11.098	200	183901	54.518	ng	98
70) Pentachlorophenol	11.204	266	243222	84.174	ng	99
71) Phenanthrene	11.422	178	916990	45.597	ng	100
72) Anthracene	11.475	178	933735	46.931	ng	100
73) Carbazole	11.633	167	868170	45.433	ng	100
74) Di-n-butylphthalate	11.957	149	1041459	44.819	ng	99
75) Fluoranthene	12.610	202	1004744	45.703	ng	99
77) Benzidine	12.733	184	298870	67.914	ng	100
78) Pyrene	12.839	202	1023646	45.874	ng	99
80) Butylbenzylphthalate	13.451	149	389049	48.743	ng	99
81) Benzo(a)anthracene	14.027	228	759145	46.281	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	173380	34.537	ng	97
83) Chrysene	14.069	228	691605	46.117	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	494538	49.619	ng	100
85) Di-n-octyl phthalate	14.621	149	674013	46.033	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	537197	48.728	ng	99
88) Benzo(b)fluoranthene	15.080	252	506608	41.831	ng	99
89) Benzo(k)fluoranthene	15.110	252	505506	49.206	ng	99
90) Benzo(a)pyrene	15.451	252	463497	48.537	ng	99
91) Dibenzo(a,h)anthracene	17.010	278	439665	48.084	ng	99
92) Benzo(g,h,i)perylene	17.439	276	415357	45.294	ng	100

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

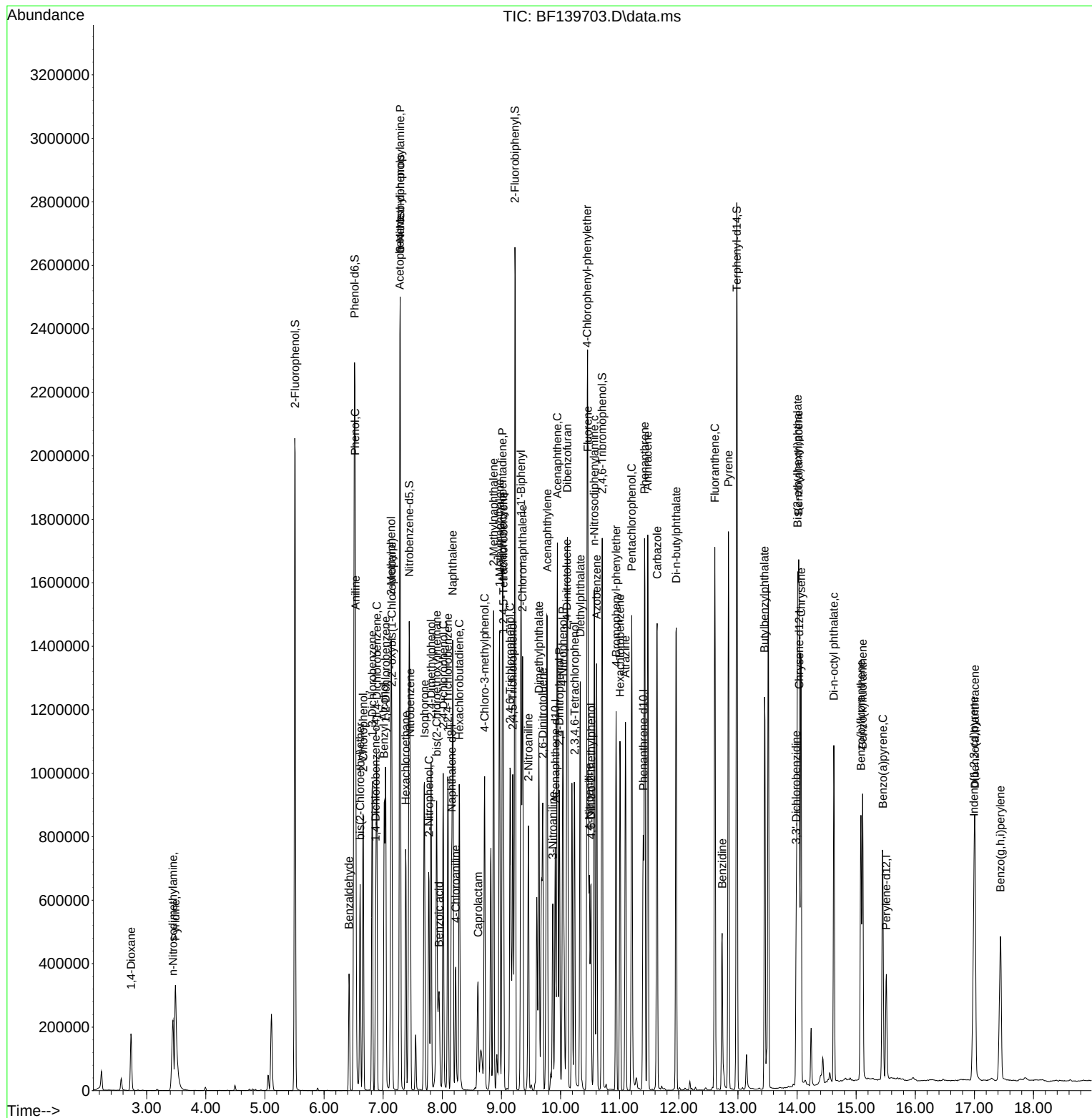
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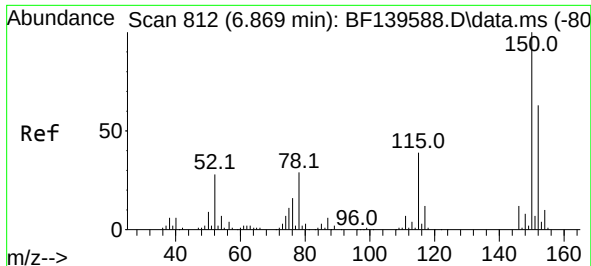
Instrument :
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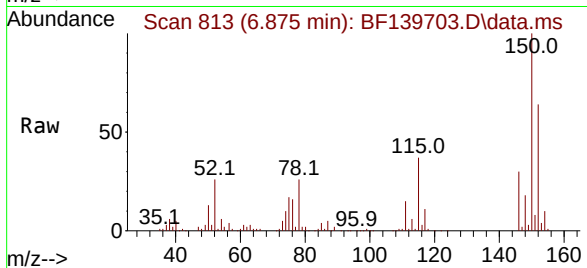
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

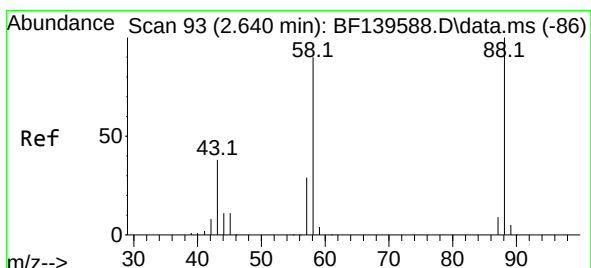
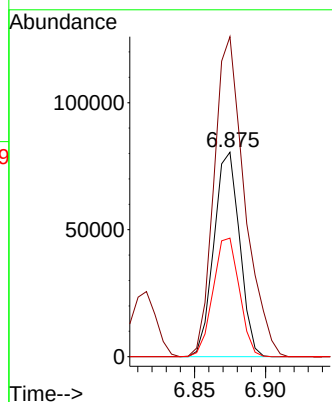
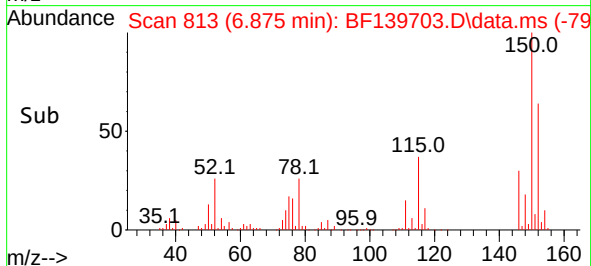


Tgt Ion:152 Resp: 101550
Ion Ratio Lower Upper
152 100
150 156.5 127.2 190.8
115 58.0 49.0 73.4

Manual Integrations

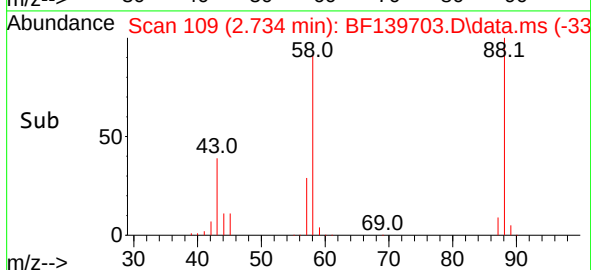
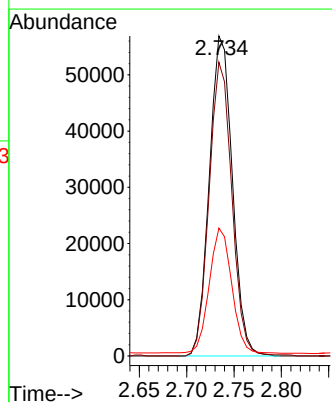
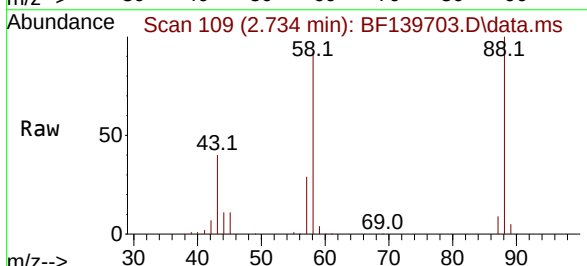
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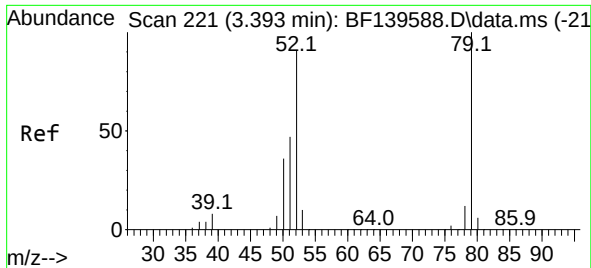
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#2
1,4-Dioxane
Concen: 38.077 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion: 88 Resp: 96452
Ion Ratio Lower Upper
88 100
58 90.6 72.0 108.0
43 38.2 30.8 46.2





#3

Pyridine

Concen: 40.953 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

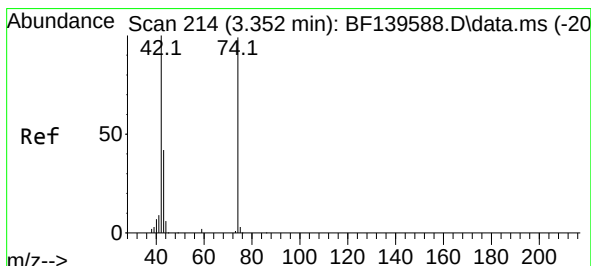
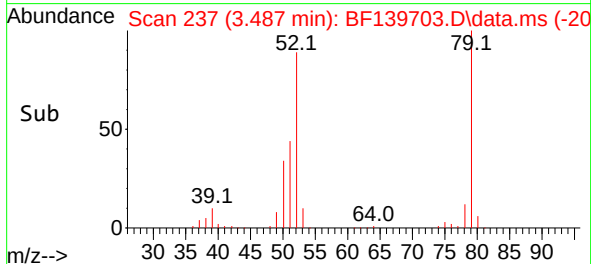
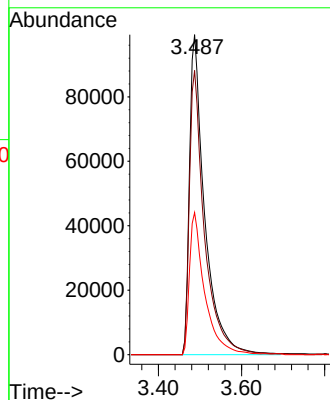
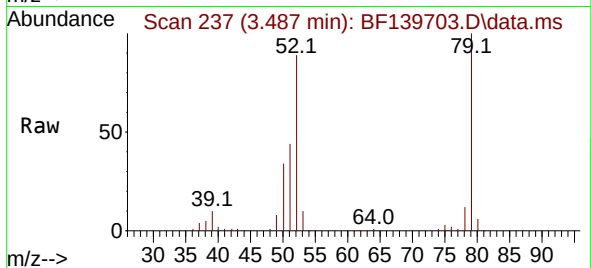
Tgt Ion:	79	Resp:	252290
Ion Ratio	Lower	Upper	
79	100		
52	88.8	72.6	109.0
51	44.4	37.5	56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.076 ng

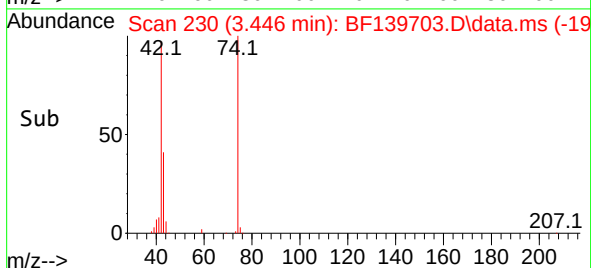
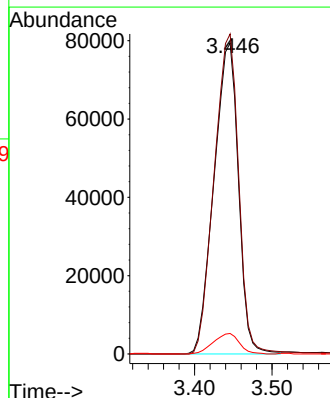
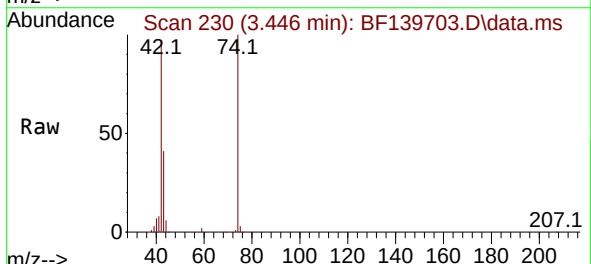
RT: 3.446 min Scan# 230

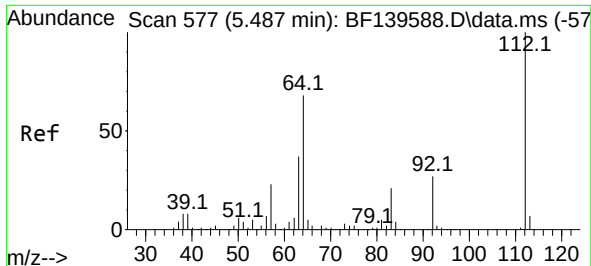
Delta R.T. 0.094 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Tgt Ion:	42	Resp:	173703
Ion Ratio	Lower	Upper	
42	100		
74	102.9	79.0	118.6
44	6.6	5.2	7.8





#5
2-Fluorophenol
Concen: 127.714 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.023 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

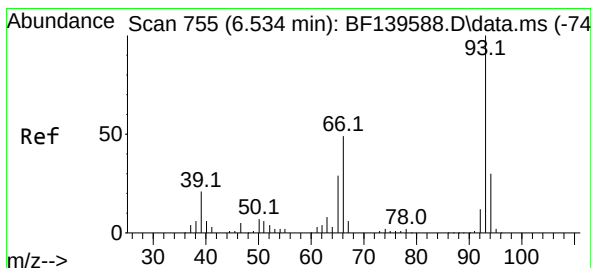
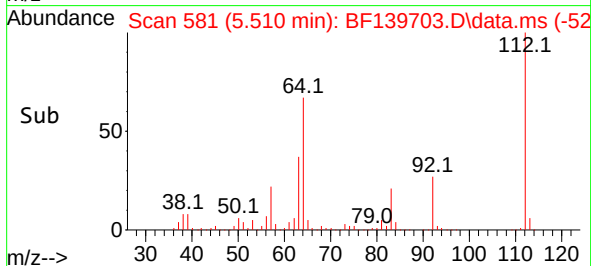
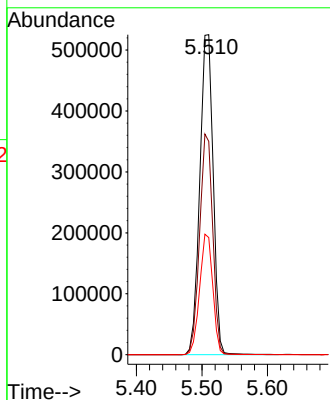
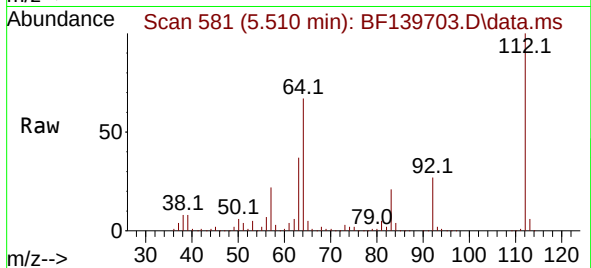
PB163952BS

Tgt Ion:112 Resp: 748270
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.4
63 36.6 29.4 44.2

Manual Integrations

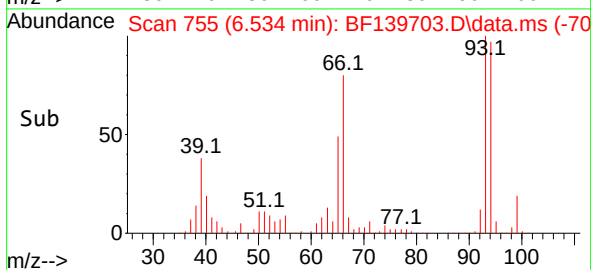
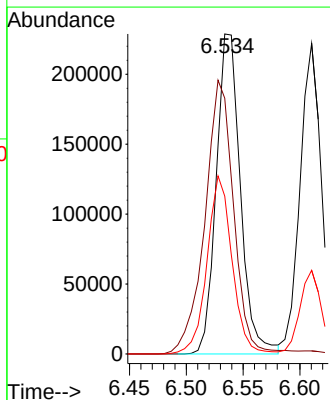
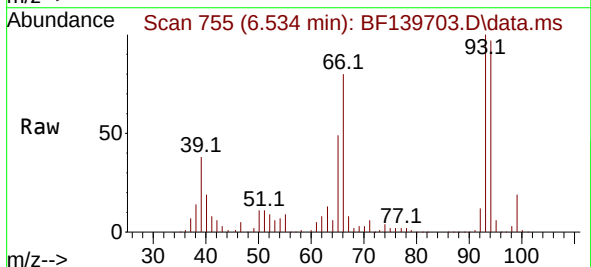
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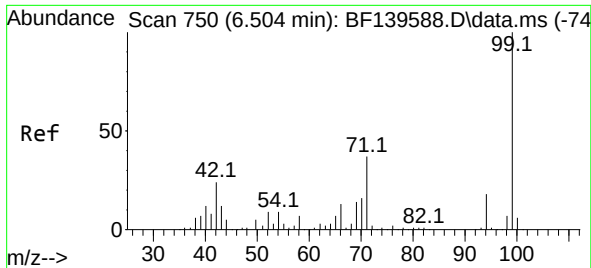
Reviewed By :Yogesh Patel 10/10/2024
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#6
Aniline
Concen: 48.479 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139703.D
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Tgt Ion: 93 Resp: 338950
Ion Ratio Lower Upper
93 100
66 79.9 40.9 61.3#
65 49.3 23.3 34.9#





#7

Phenol-d6

Concen: 126.483 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

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Tgt Ion: 99 Resp: 99656

Ion Ratio Lower Upper

99 100

42 22.7 19.1 28.7

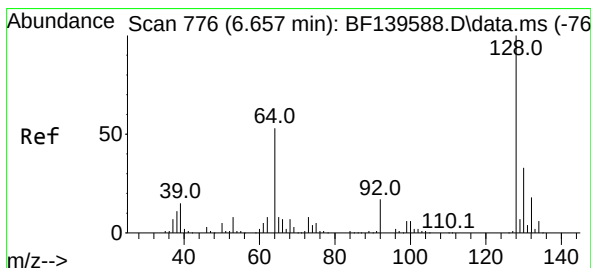
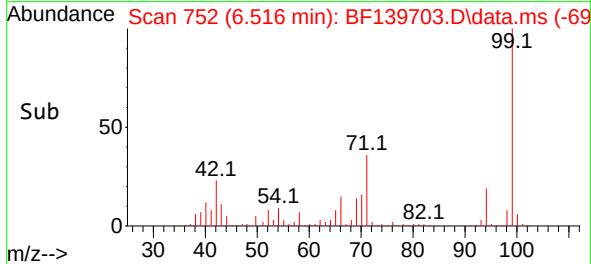
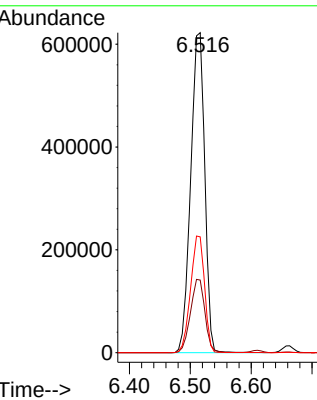
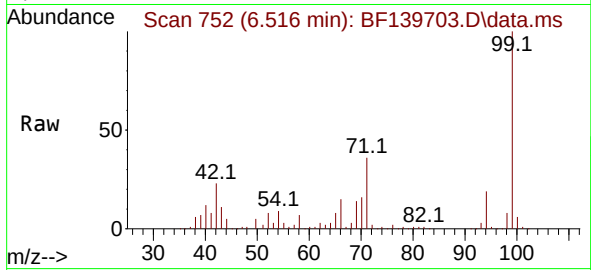
71 36.2 29.7 44.5

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#8

2-Chlorophenol

Concen: 46.792 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.006 min

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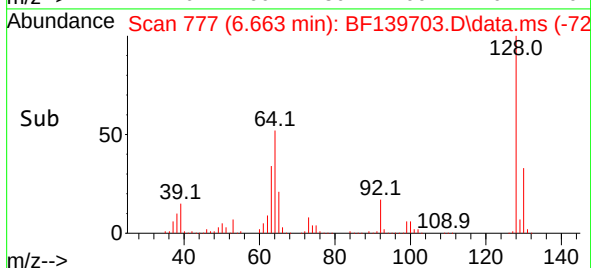
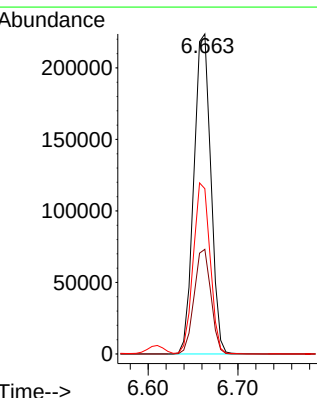
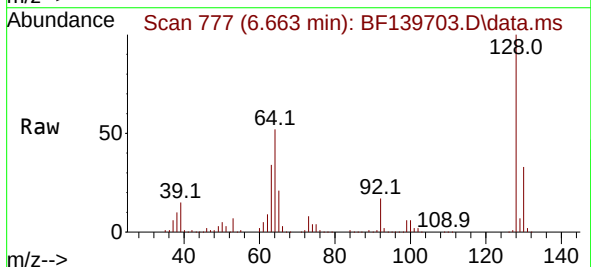
Tgt Ion:128 Resp: 293723

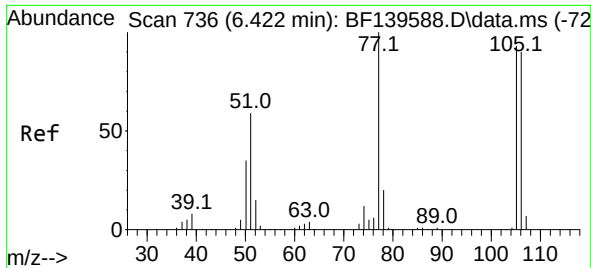
Ion Ratio Lower Upper

128 100

130 32.7 13.2 53.2

64 51.6 35.1 75.1





#9

Benzaldehyde

Concen: 22.726 ng

RT: 6.422 min Scan# 71

Delta R.T. 0.000 min

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Instrument :

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Tgt Ion: 77 Resp: 9485

Ion Ratio Lower Upper

77 100

105 92.6 72.7 112.7

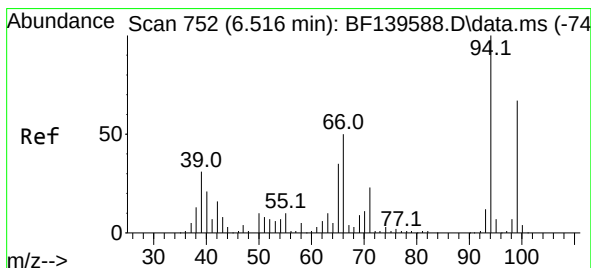
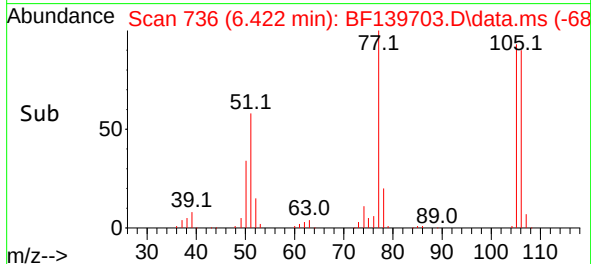
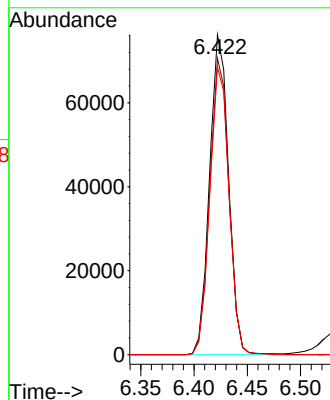
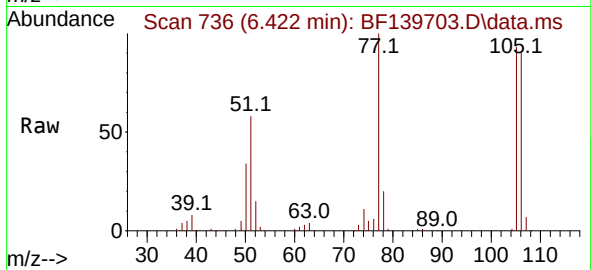
106 89.9 70.1 110.1

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#10

Phenol

Concen: 45.888 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.012 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

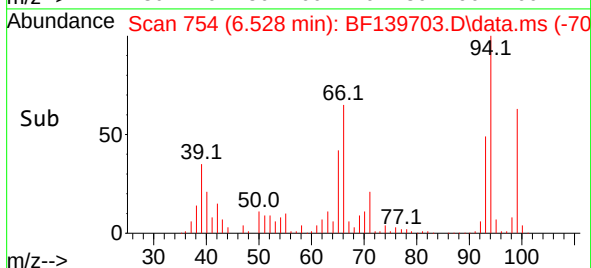
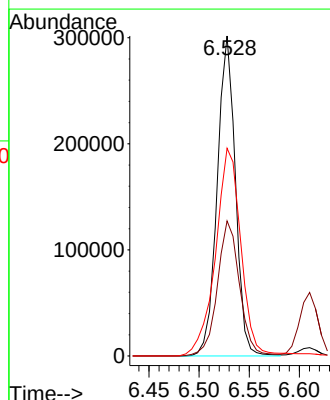
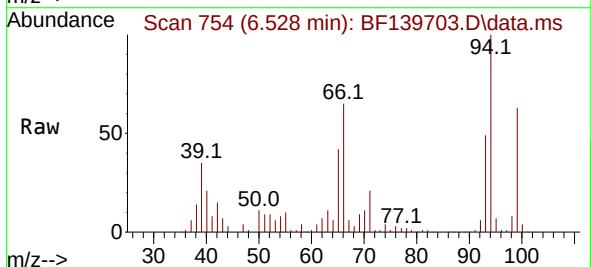
Tgt Ion: 94 Resp: 380176

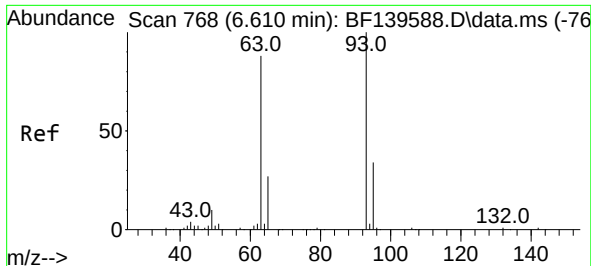
Ion Ratio Lower Upper

94 100

65 42.2 15.3 55.3

66 64.9 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 42.543 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

Tgt Ion: 93 Resp: 286979

Ion Ratio Lower Upper

93 100

63 84.4 64.1 104.1

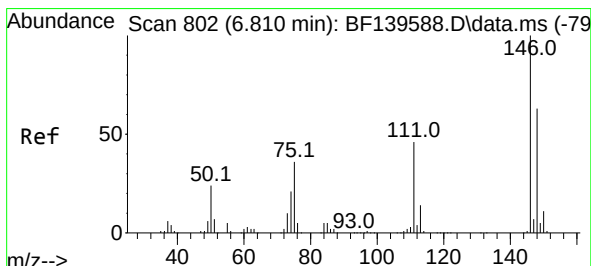
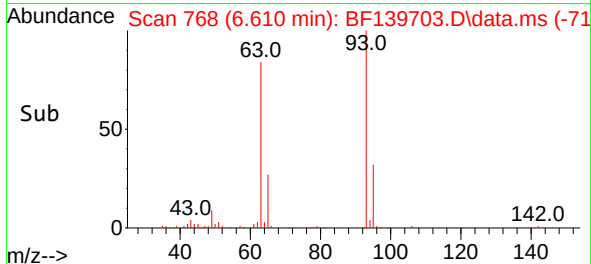
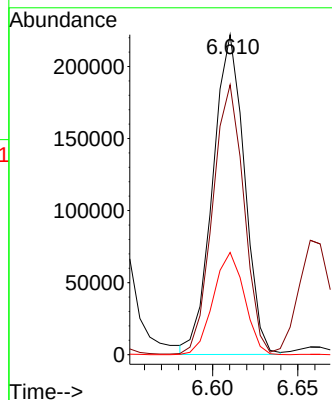
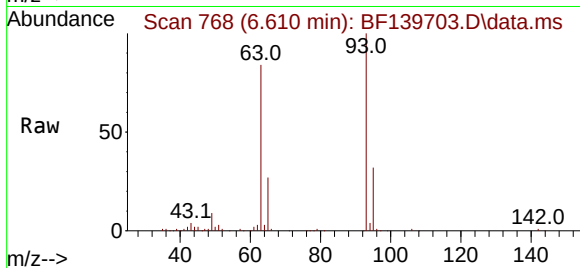
95 31.9 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#12

1,3-Dichlorobenzene

Concen: 42.326 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

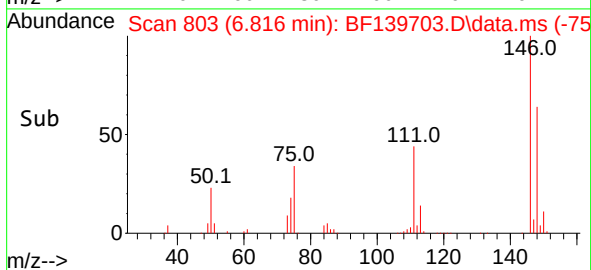
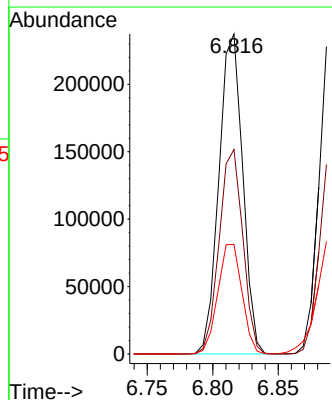
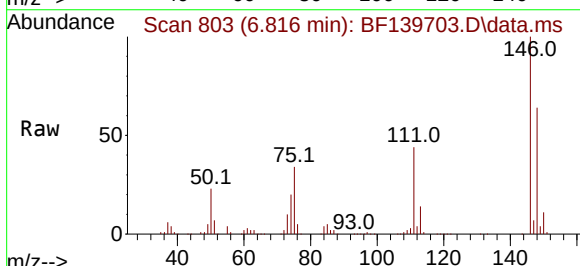
Tgt Ion:146 Resp: 298887

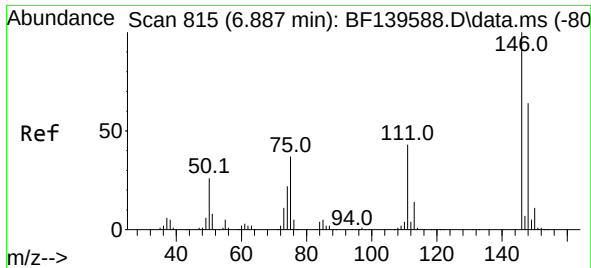
Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.4

75 34.2 28.5 42.7





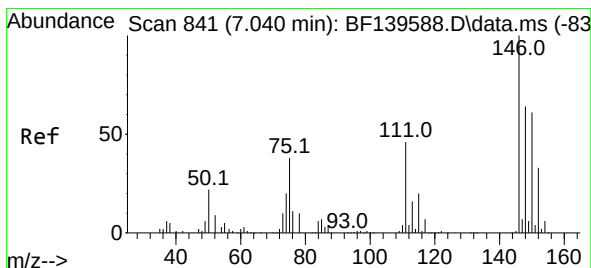
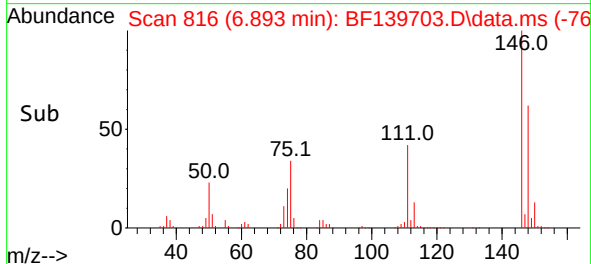
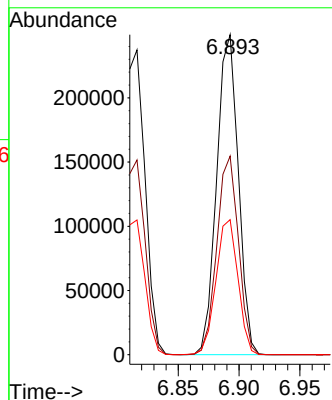
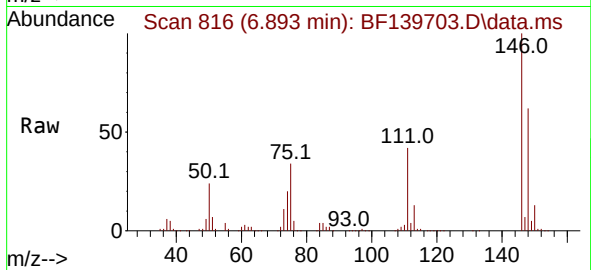
#13
1,4-Dichlorobenzene
Concen: 43.081 ng
RT: 6.893 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :
BNA_F
ClientSampleId :
PB163952BS

Tgt Ion:146 Resp: 308118
Ion Ratio Lower Upper
146 100
148 62.1 51.0 76.6
111 42.2 34.9 52.3

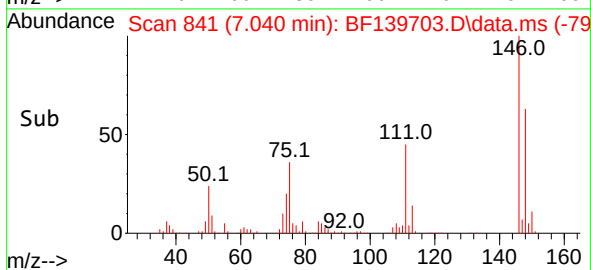
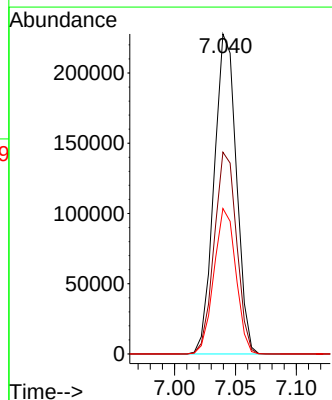
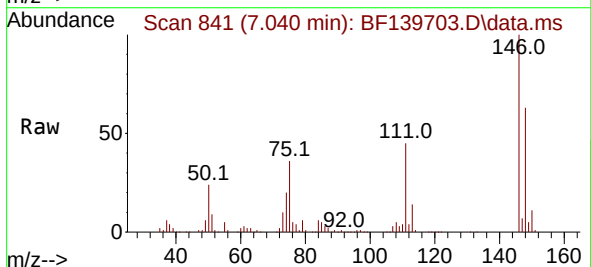
Manual Integrations
APPROVED

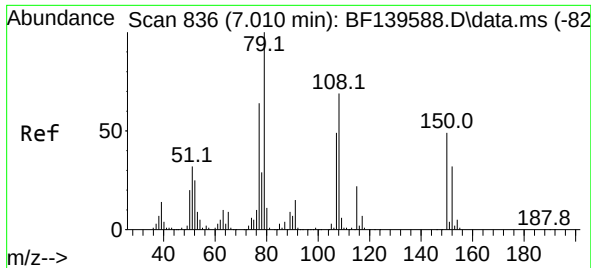
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#14
1,2-Dichlorobenzene
Concen: 43.237 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

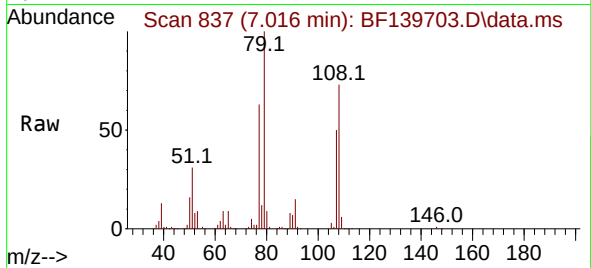
Tgt Ion:146 Resp: 289819
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 45.5 37.0 55.6





#15
Benzyl Alcohol
Concen: 45.979 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

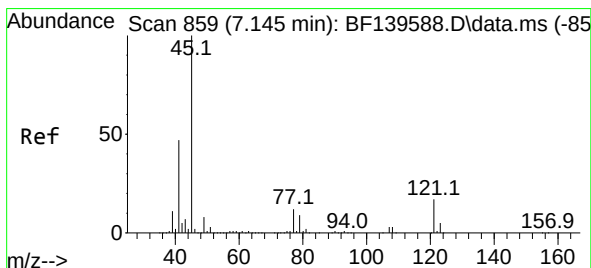
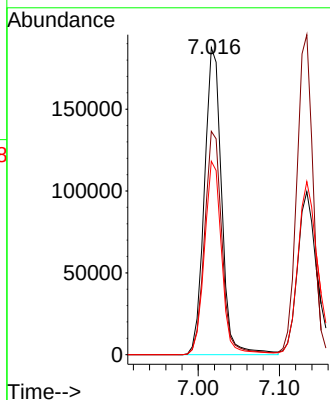
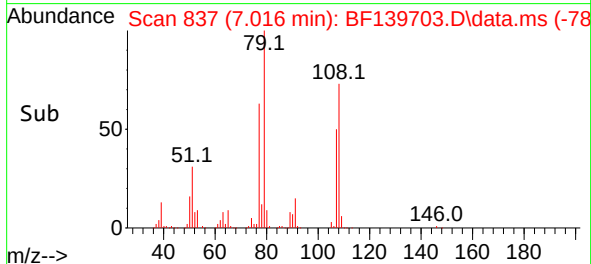
Instrument :
BNA_F
ClientSampleId :
PB163952BS



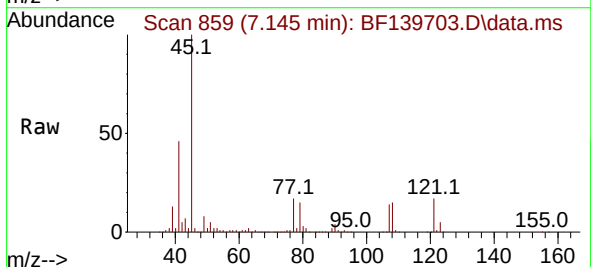
Tgt Ion: 79 Resp: 27679
Ion Ratio Lower Upper
79 100
108 72.7 55.1 82.7
77 63.0 50.8 76.2

Manual Integrations
APPROVED

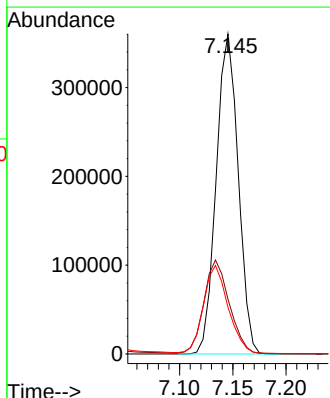
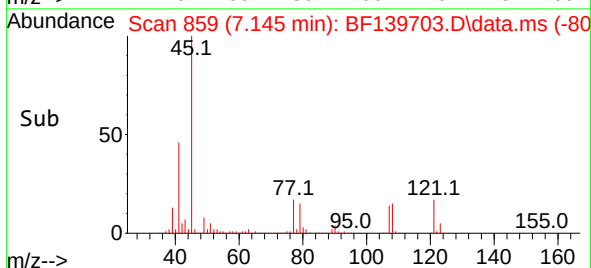
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

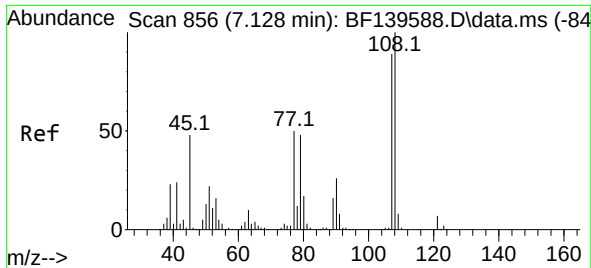


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.168 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion: 45 Resp: 515782
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.5
79 14.6 0.0 29.7





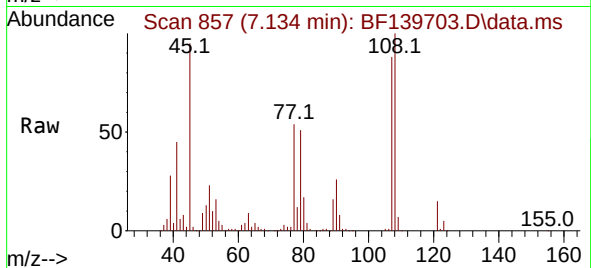
#17
2-Methylphenol
Concen: 45.477 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

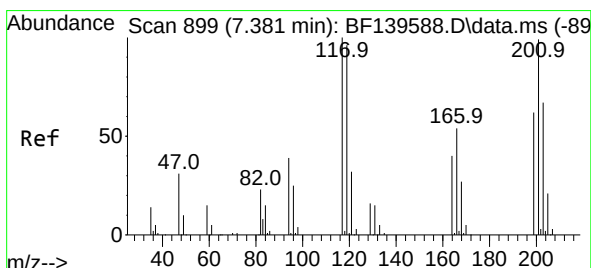
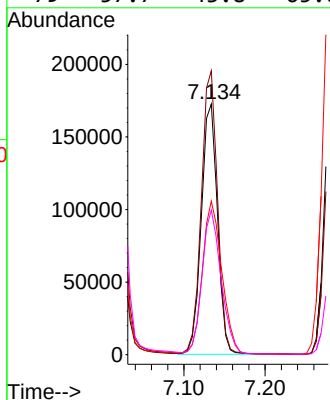
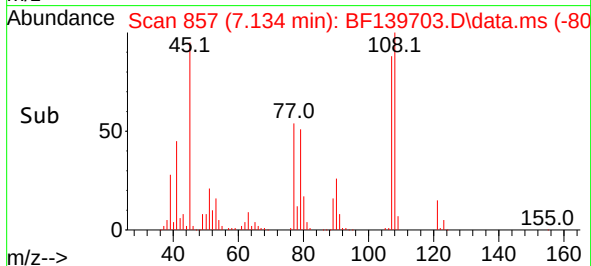


Tgt Ion:107 Resp: 238318
Ion Ratio Lower Upper
107 100
108 113.2 89.8 134.6
77 61.2 44.6 67.0
79 57.7 43.8 65.6

Manual Integrations

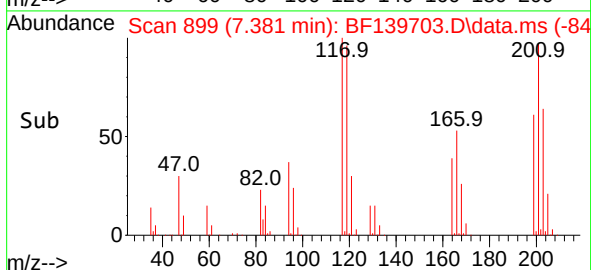
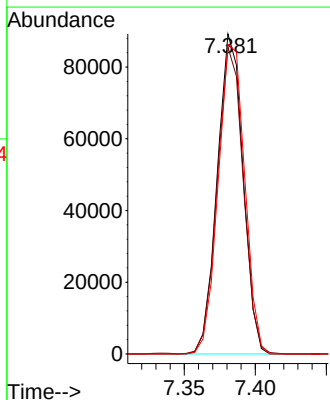
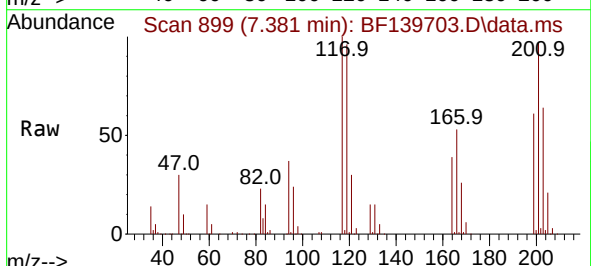
APPROVED

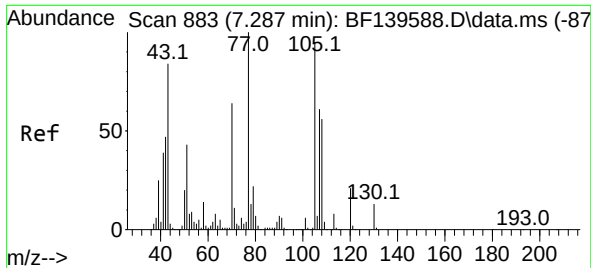
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#18
Hexachloroethane
Concen: 42.077 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:117 Resp: 112248
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6
201 96.8 79.2 118.8





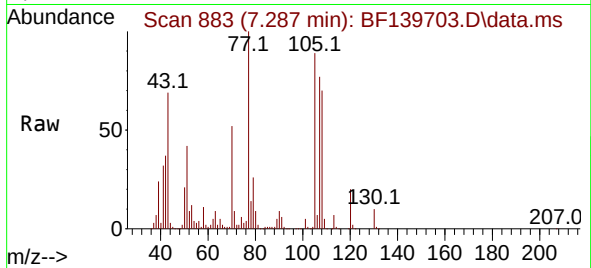
#19
n-Nitroso-di-n-propylamine
Concen: 43.232 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



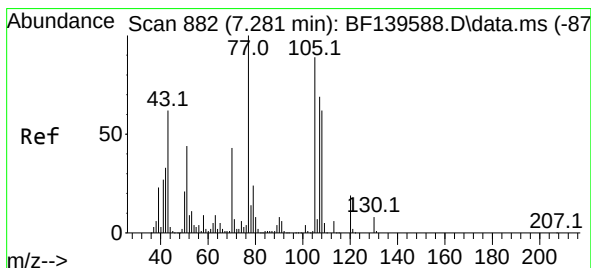
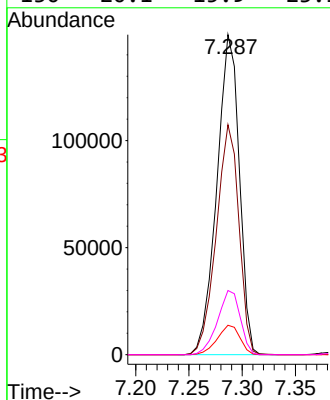
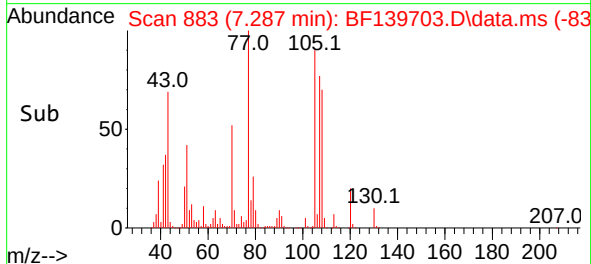
Tgt Ion: 70 Resp: 218994
Ion Ratio Lower Upper
70 100
42 71.8 58.0 87.0
101 9.2 7.8 11.8
130 20.1 15.9 23.9

Manual Integrations

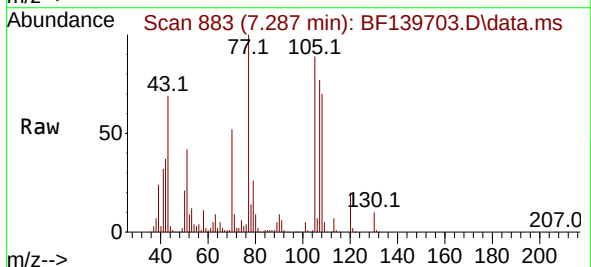
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

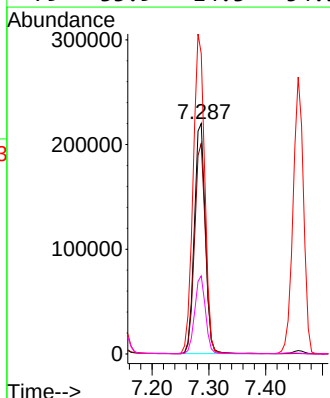
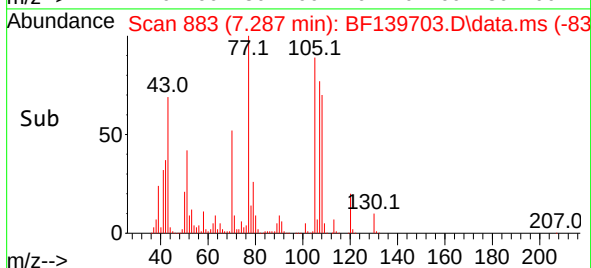
Supervised By :mohammad ahmed 10/10/2024

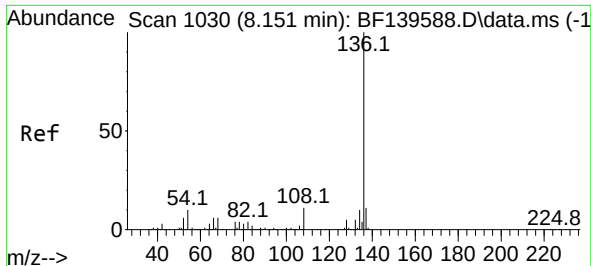


#20
3+4-Methylphenols
Concen: 45.060 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:107 Resp: 296592
Ion Ratio Lower Upper
107 100
108 91.4 70.2 110.2
77 130.4 125.3 165.3
79 33.9 14.3 54.3





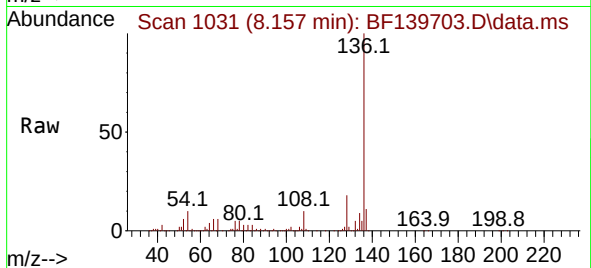
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



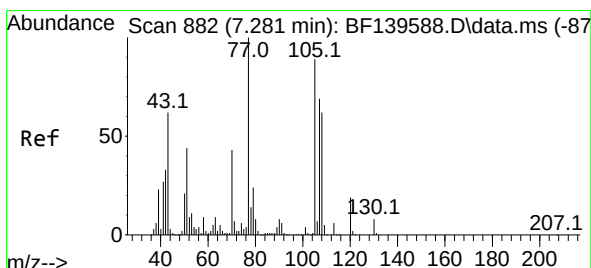
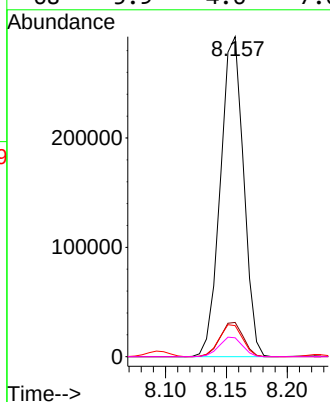
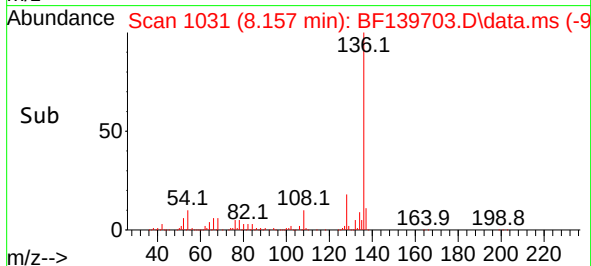
Tgt Ion:136 Resp: 388070
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 8.3 12.5
68 5.9 4.6 7.0

Manual Integrations

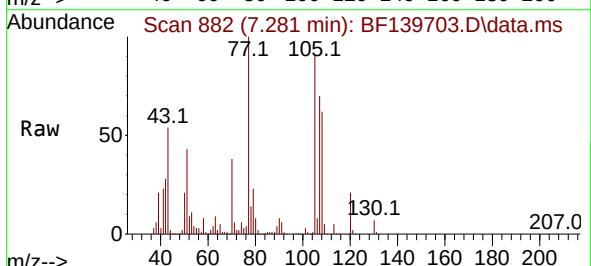
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

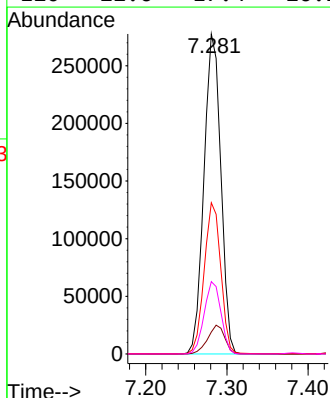
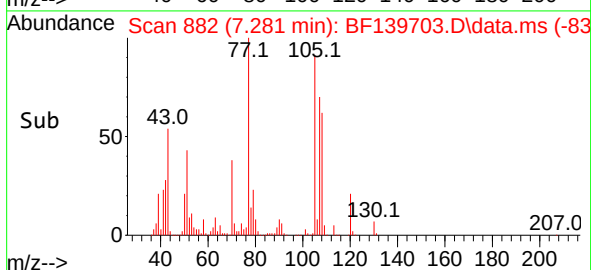
Supervised By :mohammad ahmed 10/10/2024

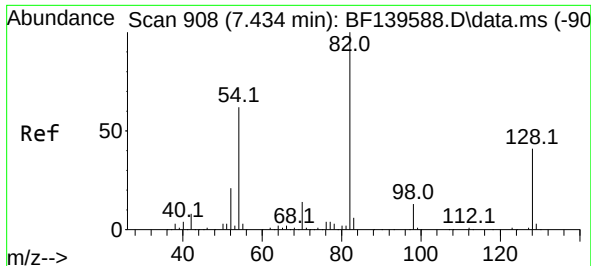


#22
Acetophenone
Concen: 43.467 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:105 Resp: 400398
Ion Ratio Lower Upper
105 100
71 6.9 6.6 10.0
51 47.2 39.4 59.0
120 22.6 17.4 26.2





#23

Nitrobenzene-d5

Concen: 85.470 ng

RT: 7.440 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

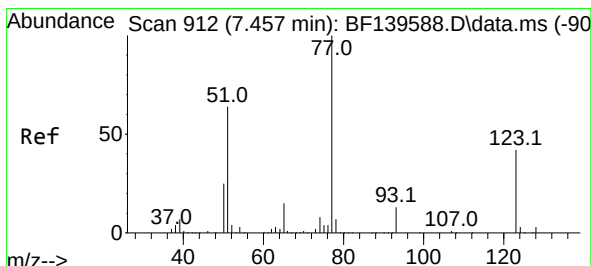
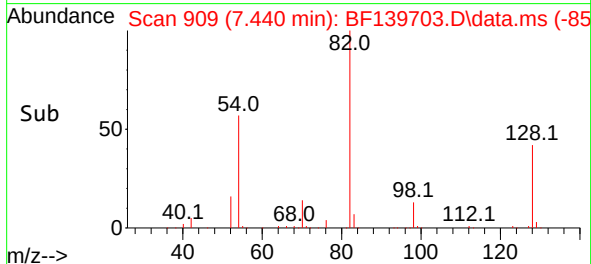
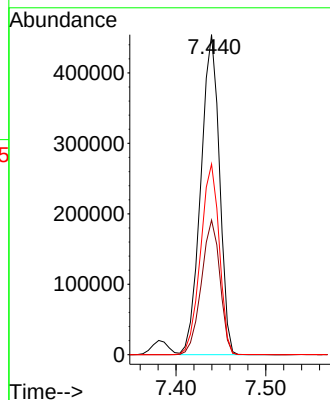
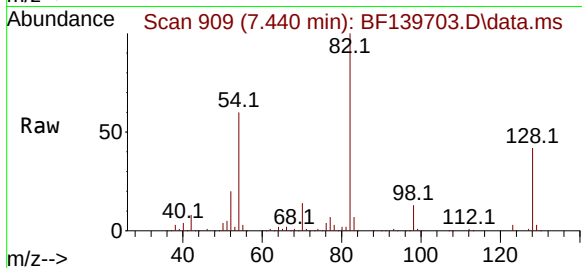
PB163952BS

Tgt Ion: 82 Resp: 655109
 Ion Ratio Lower Upper
 82 100
 128 42.0 32.4 48.6
 54 59.5 49.1 73.7

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 42.068 ng

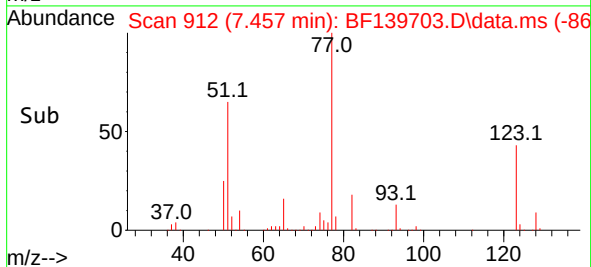
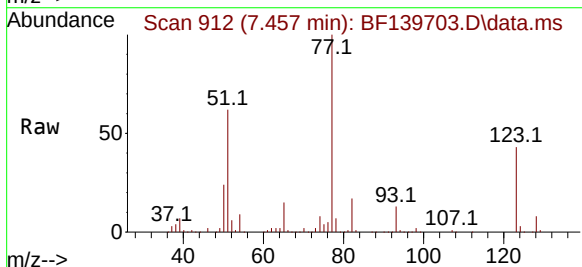
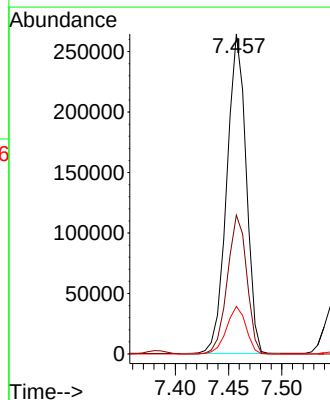
RT: 7.457 min Scan# 912

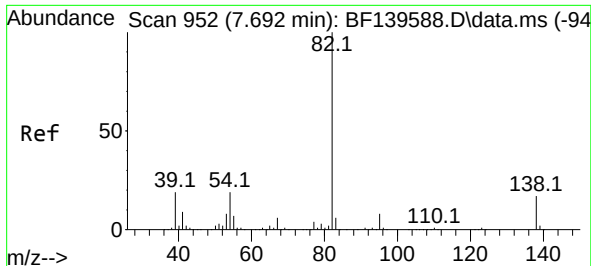
Delta R.T. 0.000 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

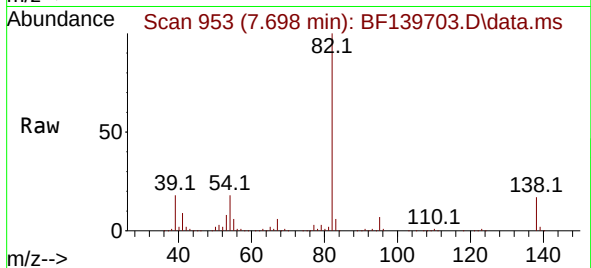
Tgt Ion: 77 Resp: 333887
 Ion Ratio Lower Upper
 77 100
 123 43.4 34.2 51.4
 65 14.8 12.1 18.1





#25
Isophorone
Concen: 44.214 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

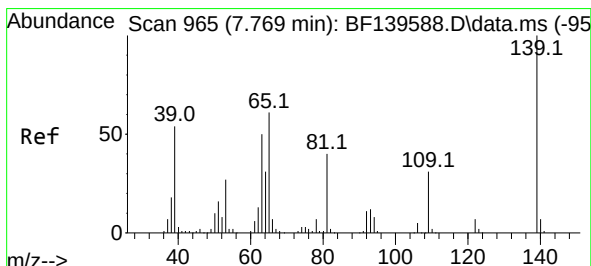
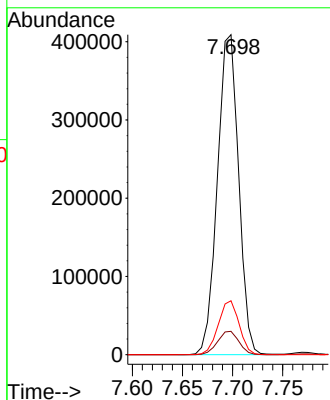
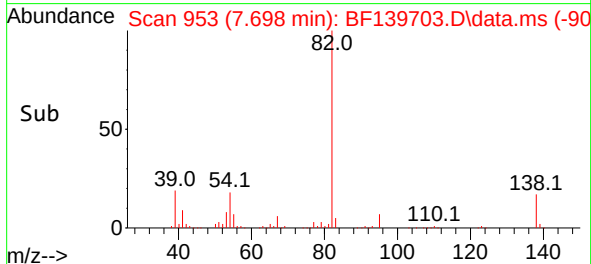
Instrument :
BNA_F
ClientSampleId :
PB163952BS



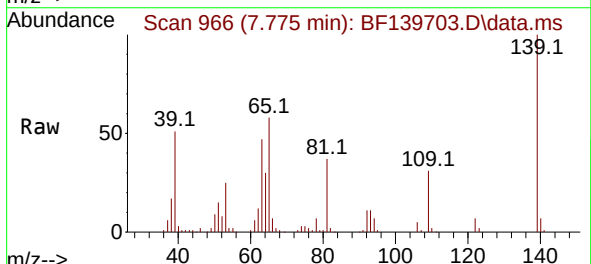
Tgt Ion: 82 Resp: 601914
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.9 13.4 20.2

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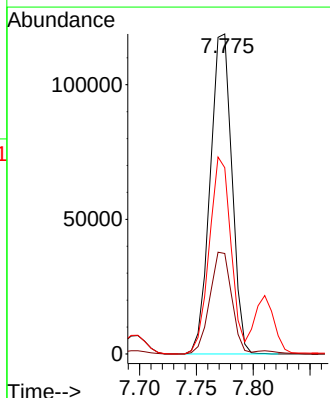
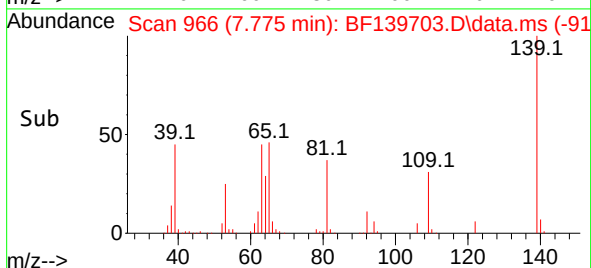
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

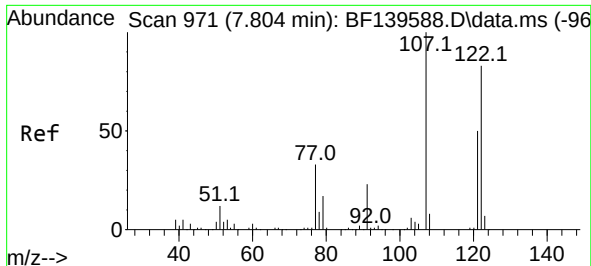


#26
2-Nitrophenol
Concen: 46.407 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:139 Resp: 158341
Ion Ratio Lower Upper
139 100
109 31.4 24.9 37.3
65 58.2 48.6 72.8





#27
2,4-Dimethylphenol
Concen: 54.970 ng m
RT: 7.810 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

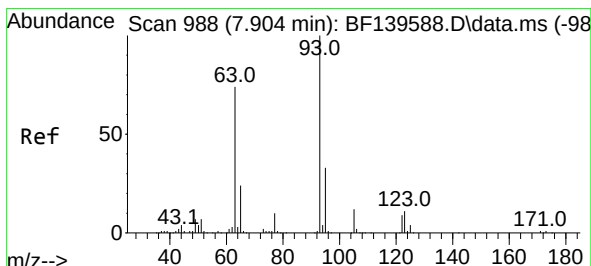
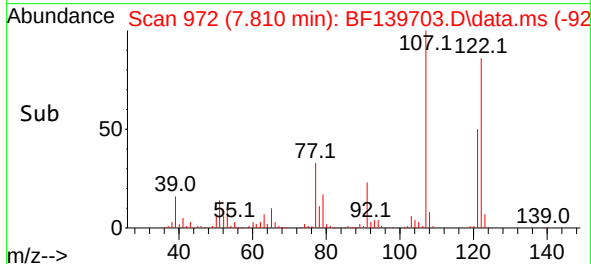
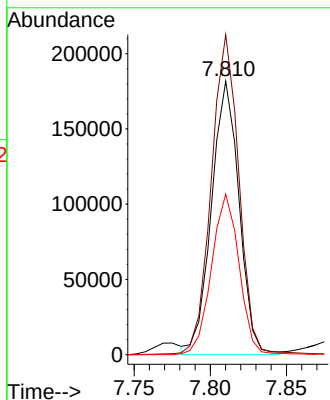
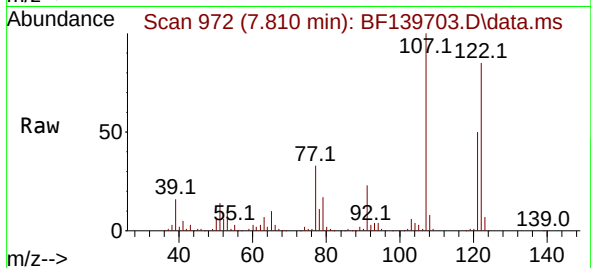
PB163952BS

Tgt Ion:122 Resp: 229608
Ion Ratio Lower Upper
122 100
107 117.0 95.4 143.0
121 58.7 47.4 71.2

Manual Integrations

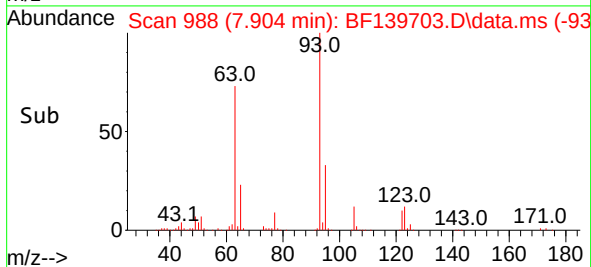
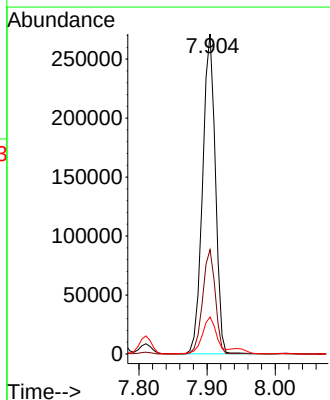
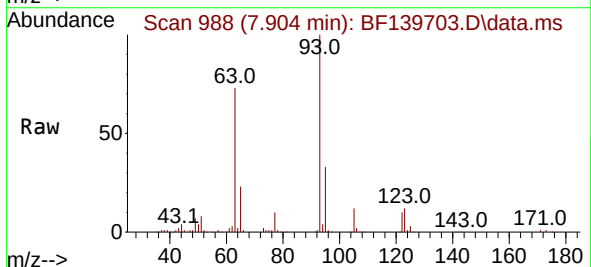
APPROVED

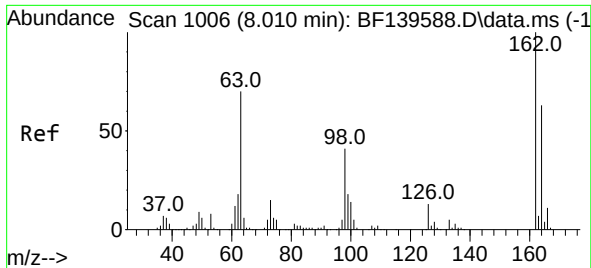
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.389 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion: 93 Resp: 352715
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.6 9.4 14.0





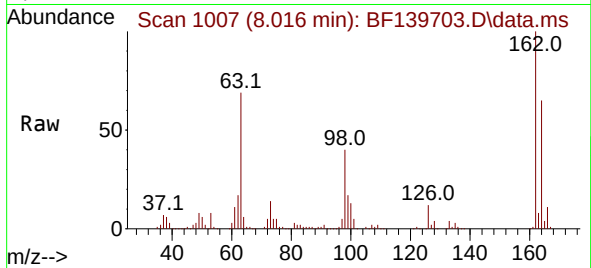
#29
2,4-Dichlorophenol
Concen: 45.425 ng
RT: 8.016 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



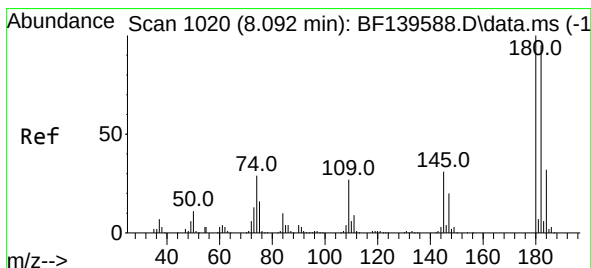
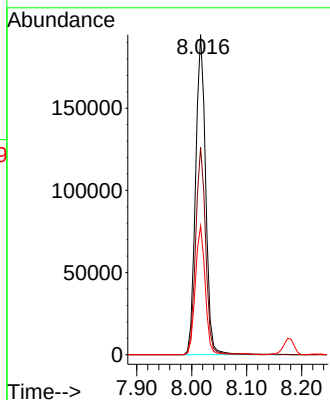
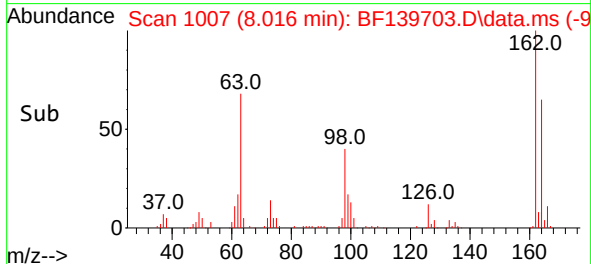
Tgt Ion:162 Resp: 247480
Ion Ratio Lower Upper
162 100
164 64.8 43.1 83.1
98 40.2 20.8 60.8

Manual Integrations

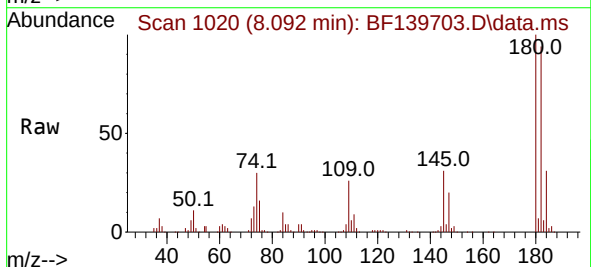
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

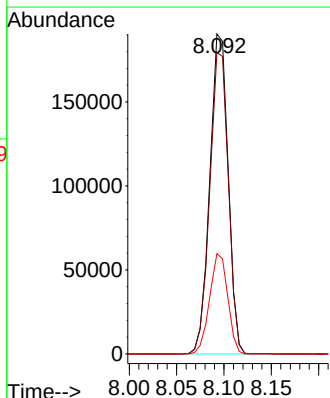
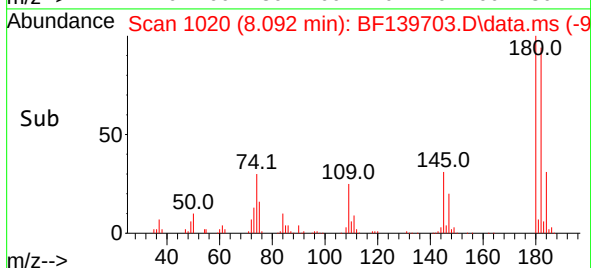
Supervised By :mohammad ahmed 10/10/2024

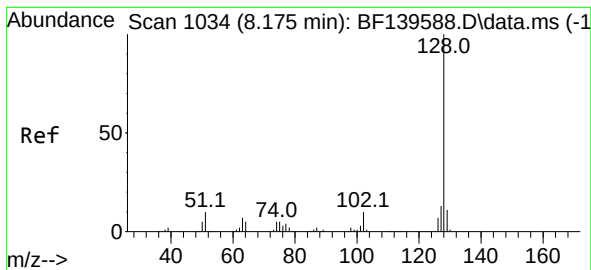


#30
1,2,4-Trichlorobenzene
Concen: 41.663 ng
RT: 8.092 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:180 Resp: 256706
Ion Ratio Lower Upper
180 100
182 94.2 76.0 114.0
145 31.3 25.0 37.6





#31
Naphthalene
Concen: 43.497 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

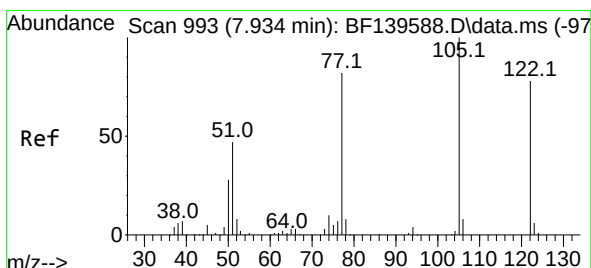
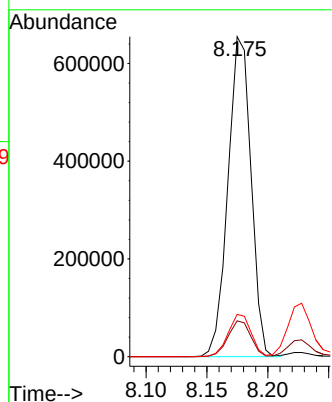
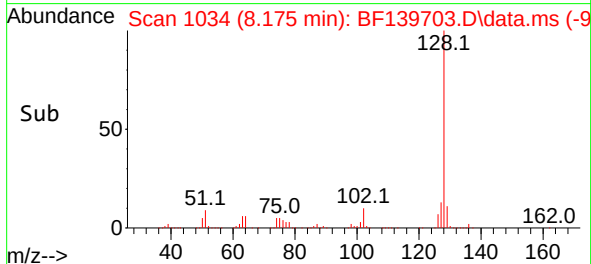
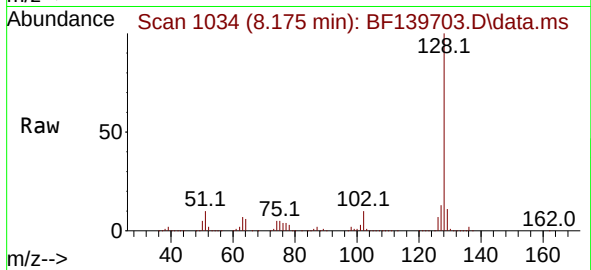
PB163952BS

Tgt Ion:128 Resp: 863049
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.5 15.7

Manual Integrations

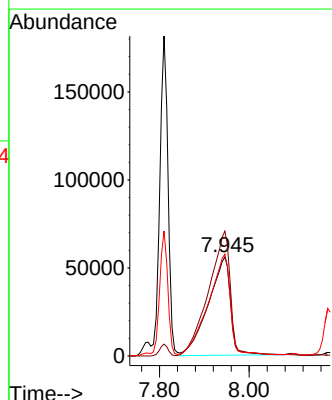
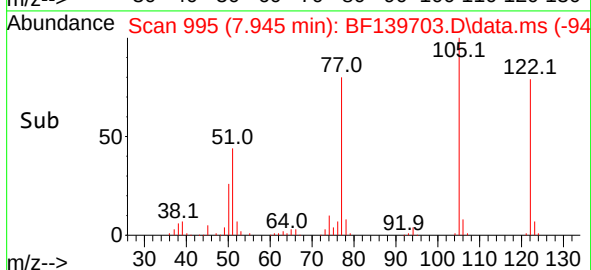
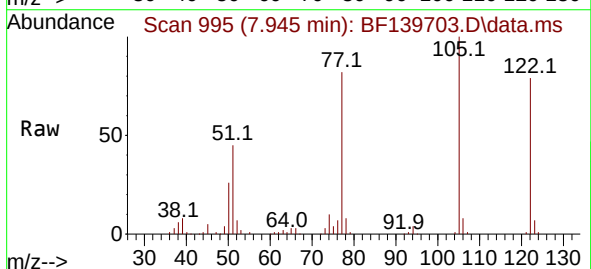
APPROVED

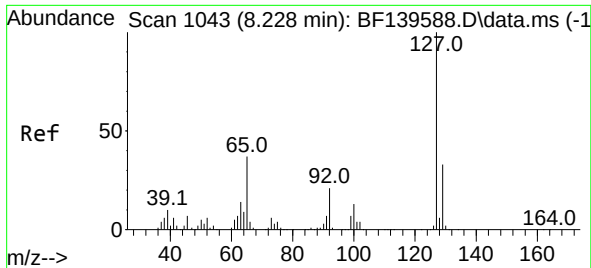
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#32
Benzoic acid
Concen: 45.917 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:122 Resp: 190712
Ion Ratio Lower Upper
122 100
105 126.0 104.9 144.9
77 102.9 82.7 122.7





#33
4-Chloroaniline
Concen: 25.039 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

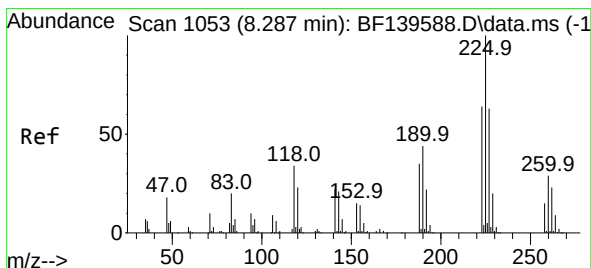
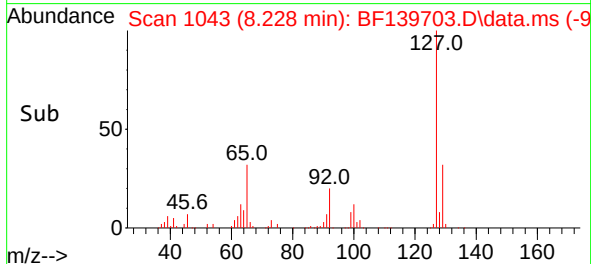
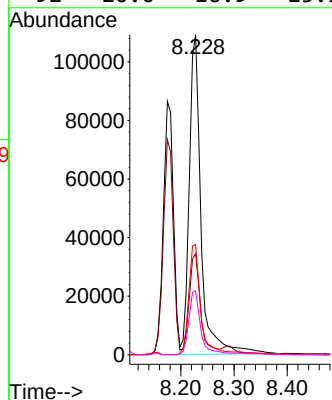
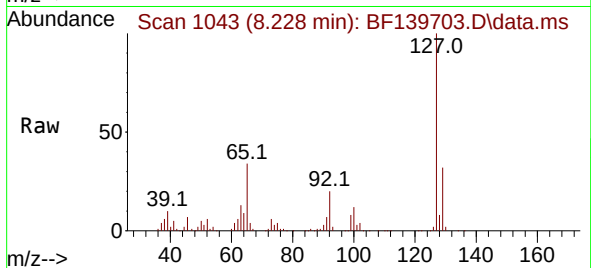
PB163952BS

Tgt Ion:127 Resp: 16816
Ion Ratio Lower Upper
127 100
129 31.6 26.2 39.4
65 34.4 29.3 43.9
92 20.0 16.9 25.3

Manual Integrations

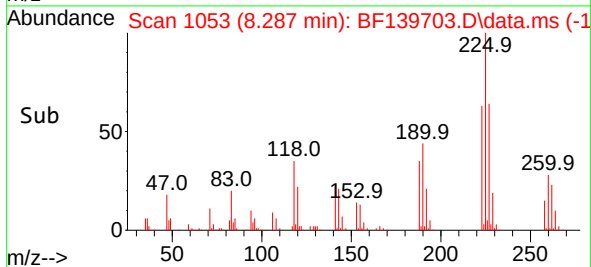
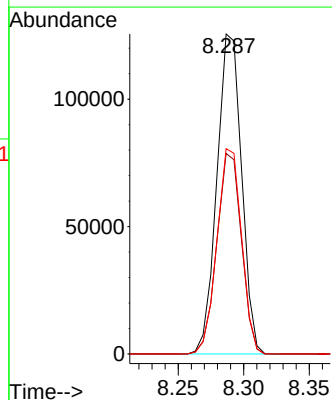
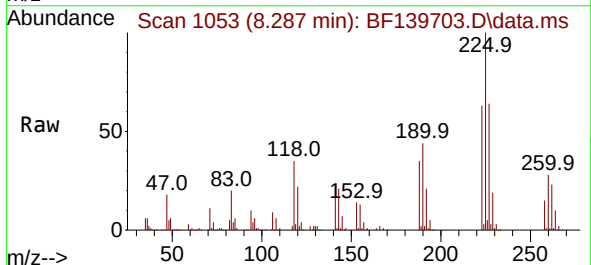
APPROVED

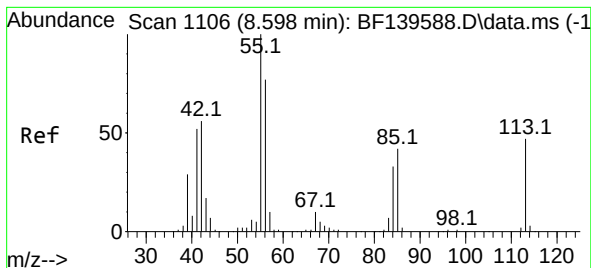
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 41.196 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:225 Resp: 164260
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 64.2 50.7 76.1





#35

Caprolactam

Concen: 47.006 ng m

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

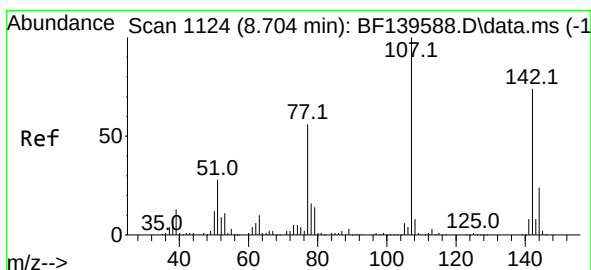
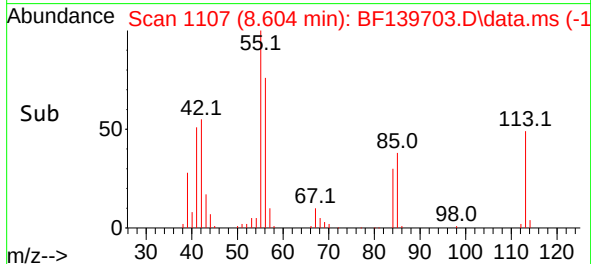
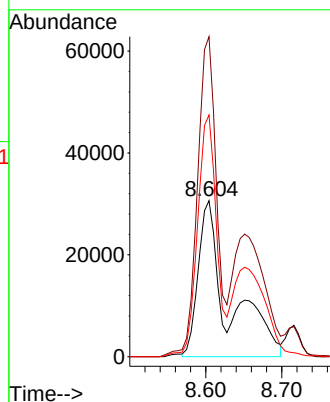
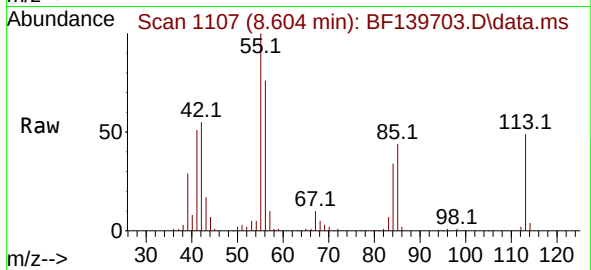
Tgt Ion:113 Resp: 83998
 Ion Ratio Lower Upper
 113 100
 55 205.2 193.4 233.4
 56 155.1 143.8 183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#36

4-Chloro-3-methylphenol

Concen: 45.405 ng

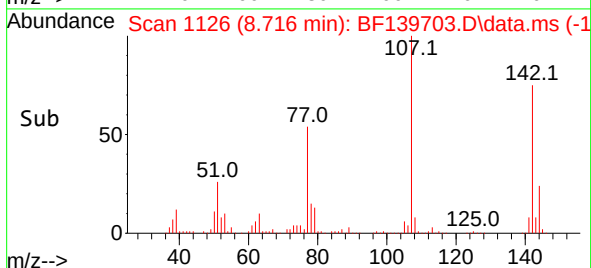
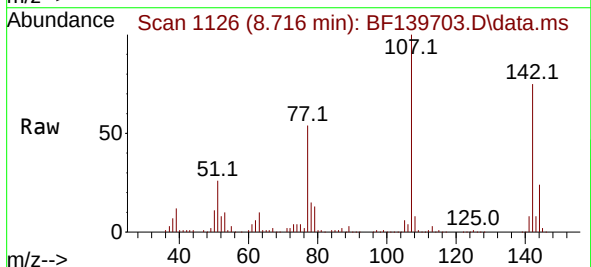
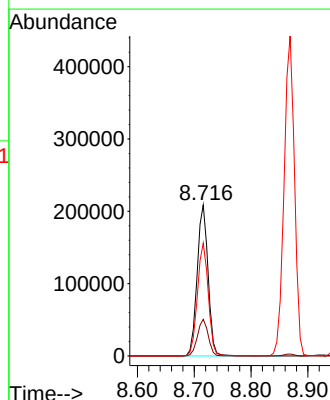
RT: 8.716 min Scan# 1126

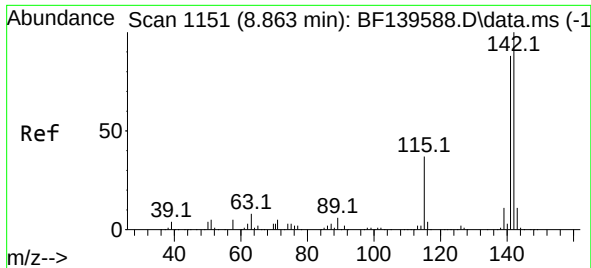
Delta R.T. 0.012 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Tgt Ion:107 Resp: 280031
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.6
 142 74.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.882 ng

RT: 8.869 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

Tgt Ion:142 Resp: 567070

Ion Ratio Lower Upper

142 100

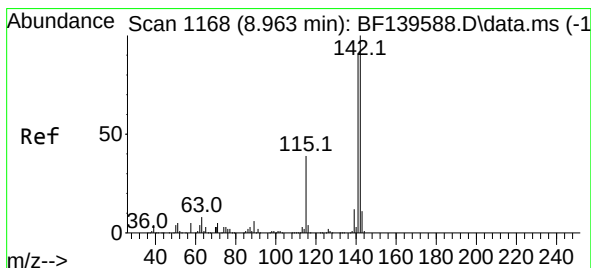
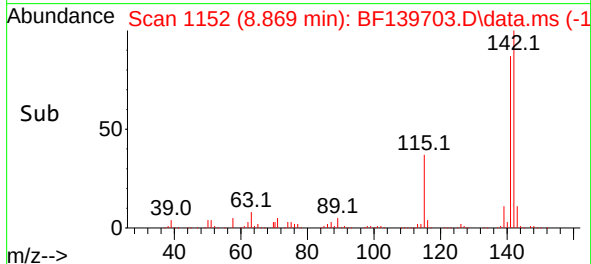
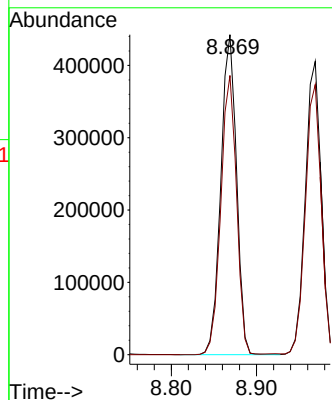
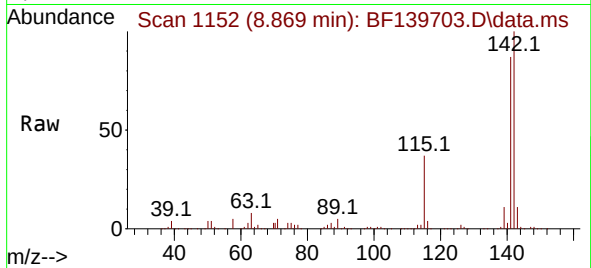
141 87.3 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#38

1-Methylnaphthalene

Concen: 41.395 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF139703.D

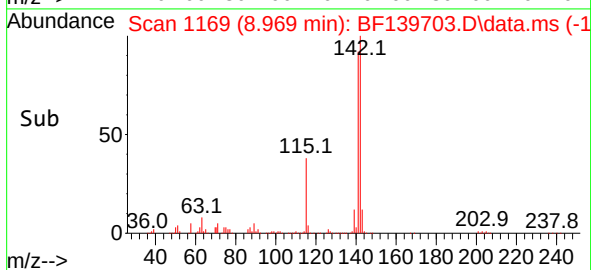
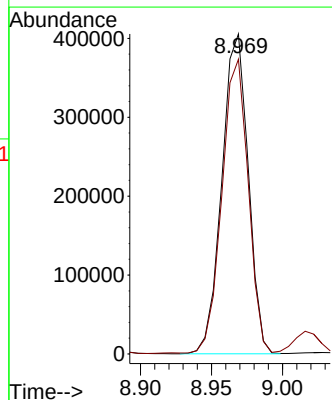
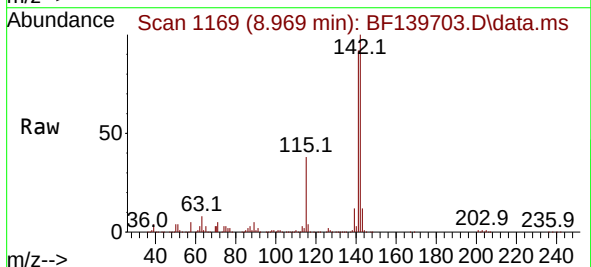
Acq: 08 Oct 2024 10:38

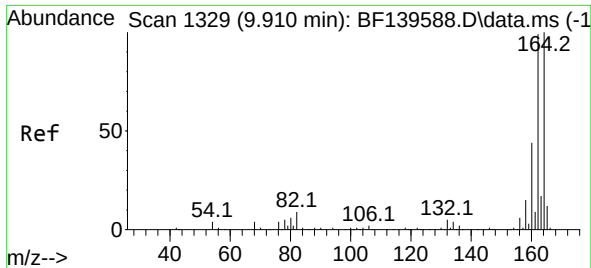
Tgt Ion:142 Resp: 522887

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.4





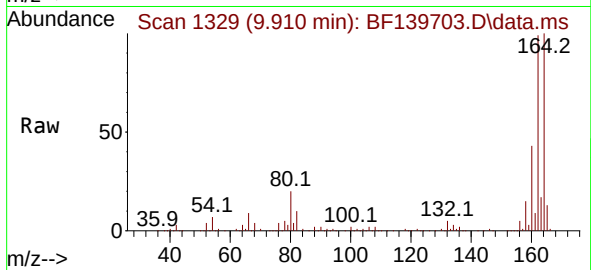
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

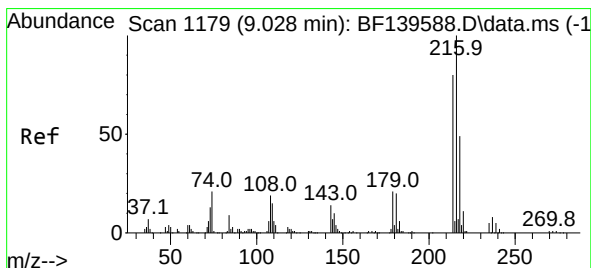
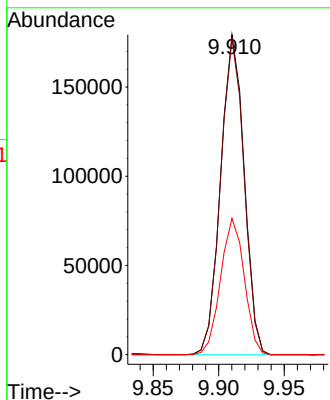
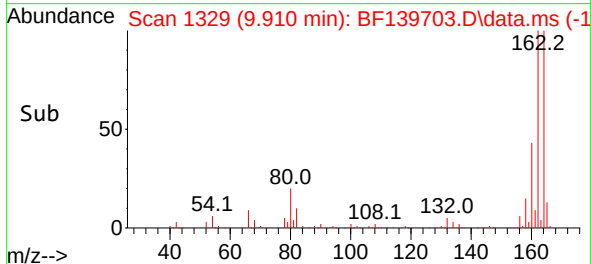
PB163952BS



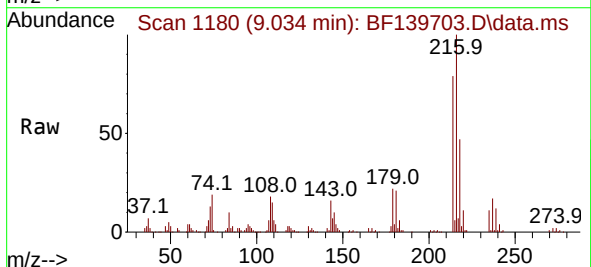
Tgt Ion:164 Resp: 22373
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 42.6 35.1 52.7

Manual Integrations
APPROVED

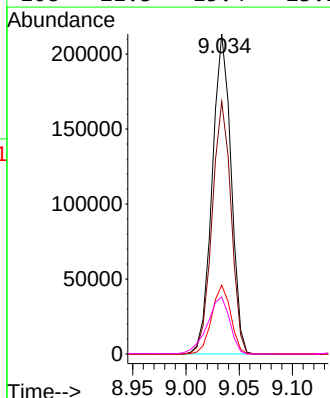
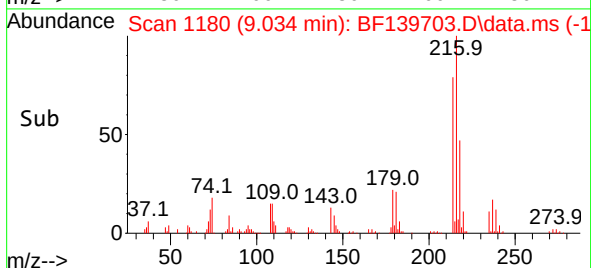
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

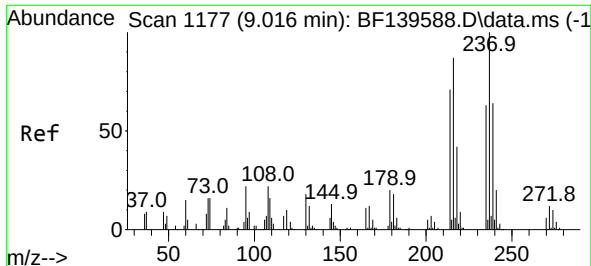


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.202 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



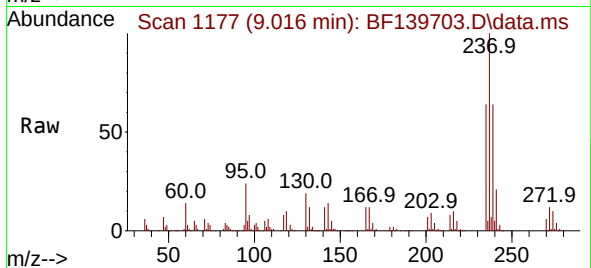
Tgt Ion:216 Resp: 262195
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 21.6 16.9 25.3
108 21.3 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 158.023 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

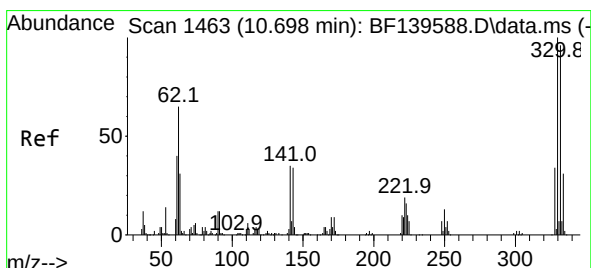
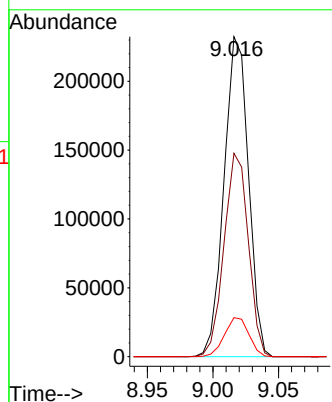
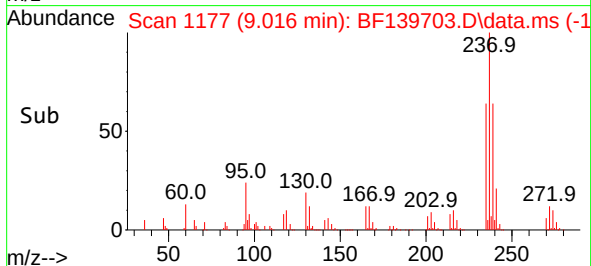
Instrument :
BNA_F
ClientSampleId :
PB163952BS



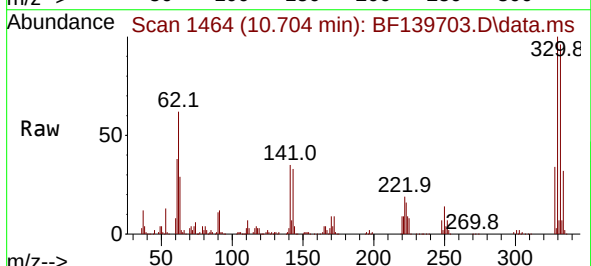
Tgt Ion:237 Resp: 301038
Ion Ratio Lower Upper
237 100
235 63.5 42.5 82.5
272 12.2 0.0 32.1

Manual Integrations
APPROVED

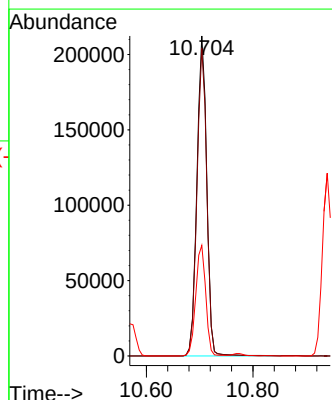
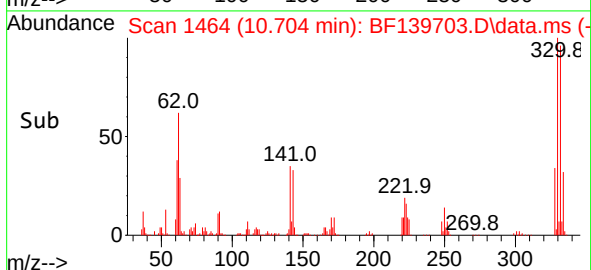
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

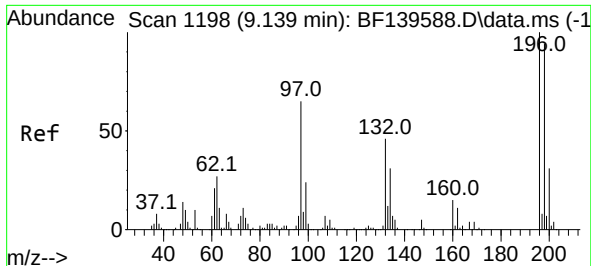


#42
2,4,6-Tribromophenol
Concen: 126.315 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:330 Resp: 272817
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 35.1 29.3 43.9





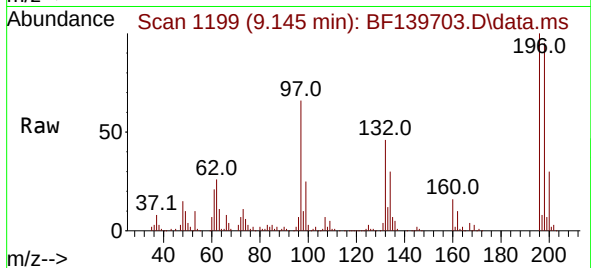
#43
2,4,6-Trichlorophenol
Concen: 43.713 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



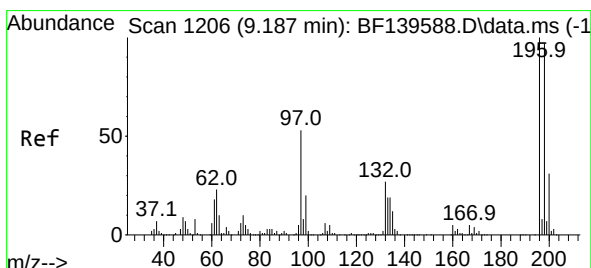
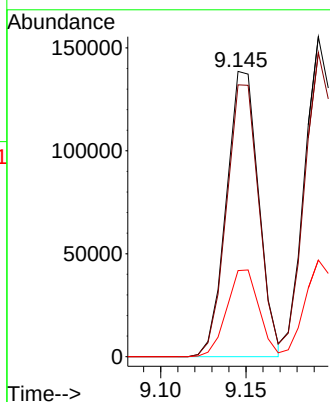
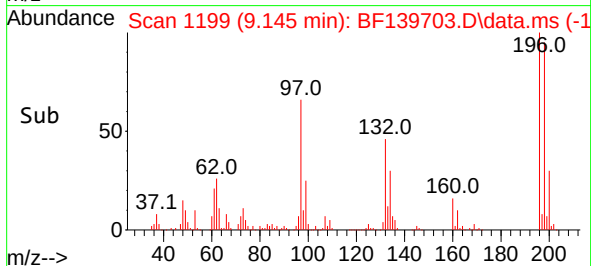
Tgt Ion:196 Resp: 183082
Ion Ratio Lower Upper
196 100
198 95.3 75.2 112.8
200 30.2 24.6 37.0

Manual Integrations

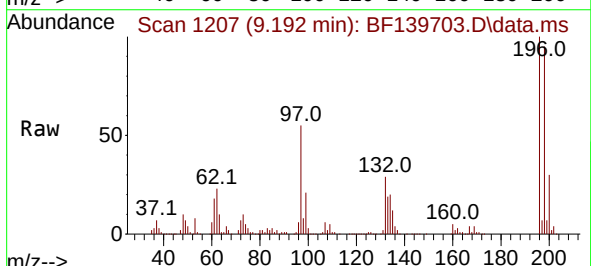
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

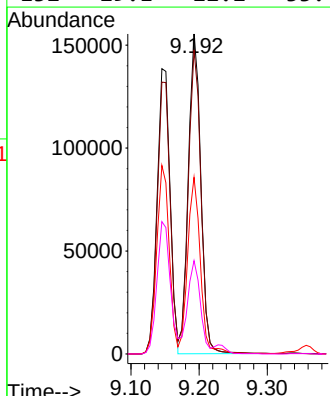
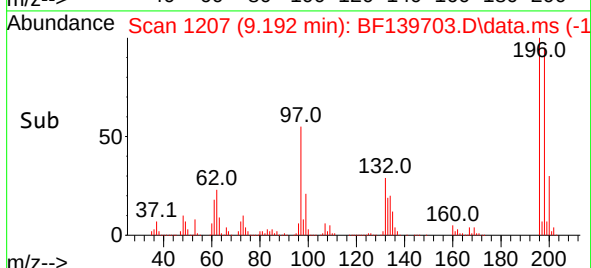
Supervised By :mohammad ahmed 10/10/2024

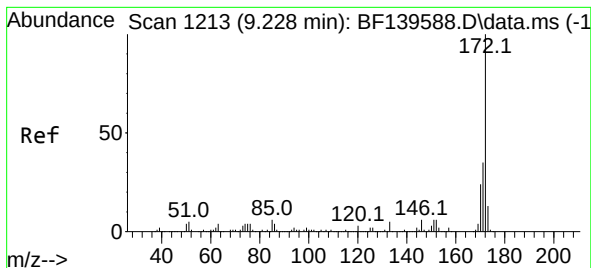


#44
2,4,5-Trichlorophenol
Concen: 43.686 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:196 Resp: 197316
Ion Ratio Lower Upper
196 100
198 95.1 77.5 116.3
97 55.2 43.1 64.7
132 29.1 22.2 33.4





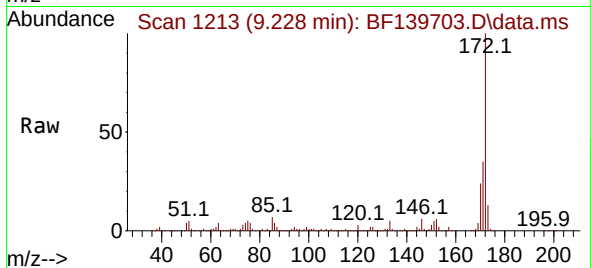
#45
2-Fluorobiphenyl
Concen: 82.101 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



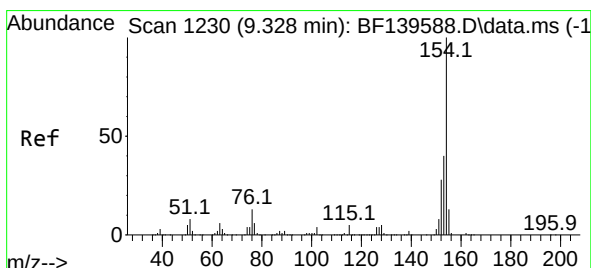
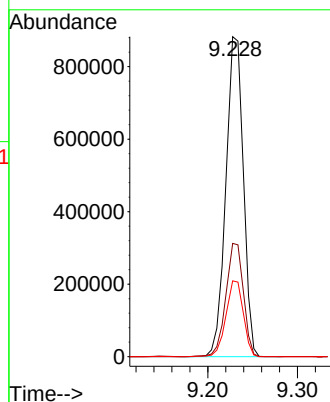
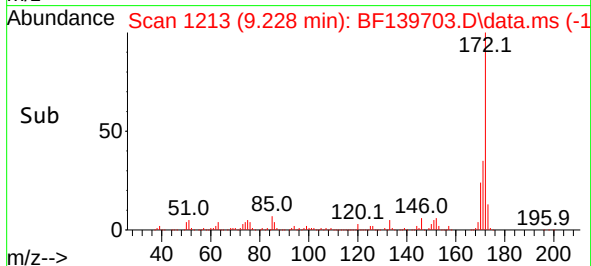
Tgt Ion:172 Resp: 1196540
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.7 18.8 28.2

Manual Integrations

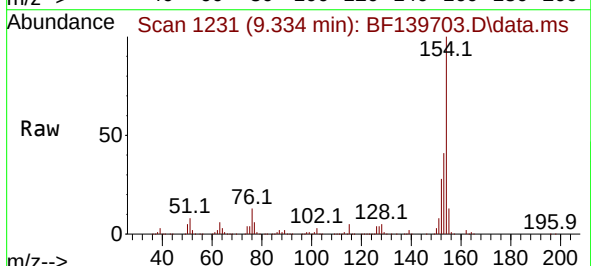
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

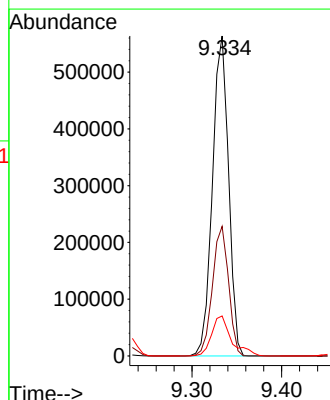
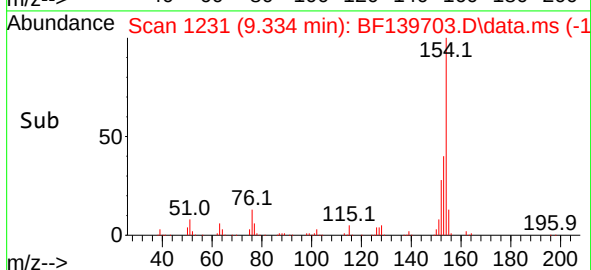
Supervised By :mohammad ahmed 10/10/2024

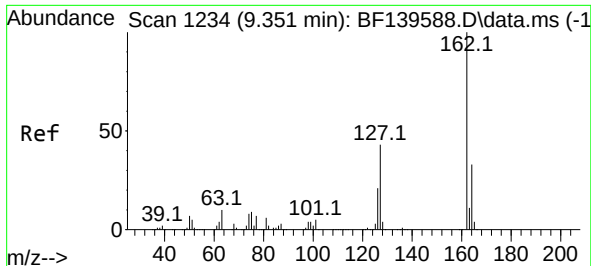


#46
1,1'-Biphenyl
Concen: 42.205 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:154 Resp: 702333
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.5 0.0 32.6





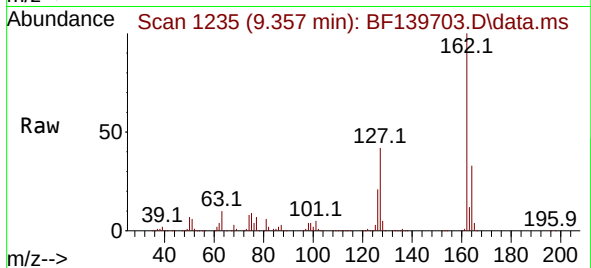
#47
2-Chloronaphthalene
Concen: 42.554 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



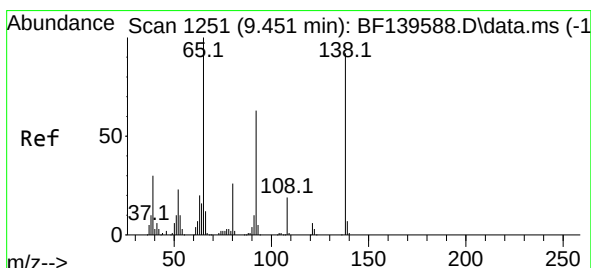
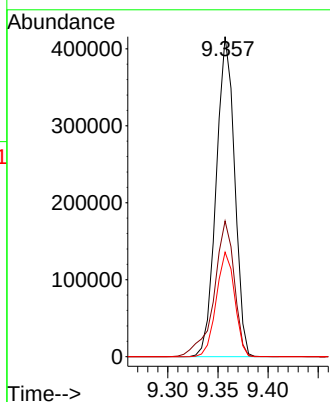
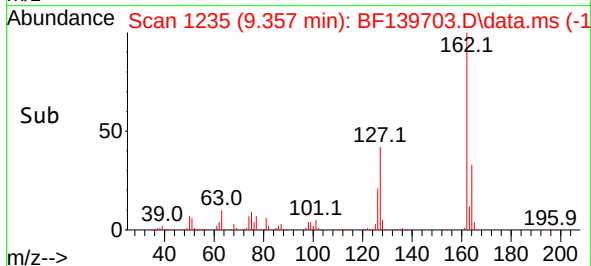
Tgt Ion:162 Resp: 530860
Ion Ratio Lower Upper
162 100
127 42.4 35.0 52.4
164 32.6 26.1 39.1

Manual Integrations

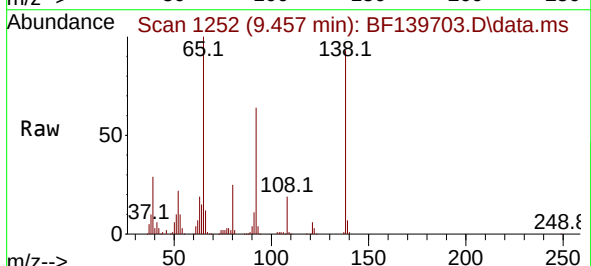
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

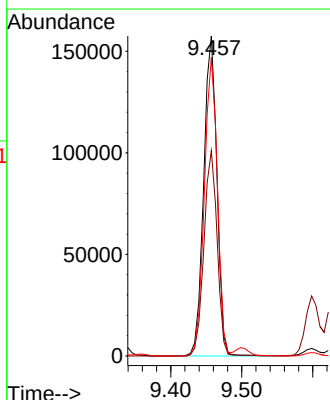
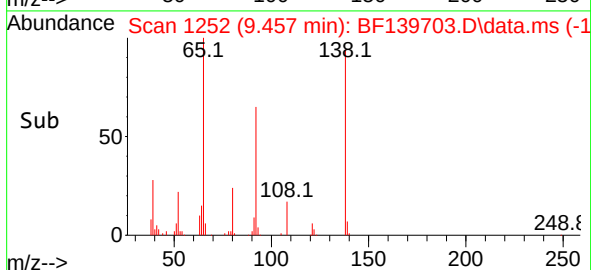
Supervised By :mohammad ahmed 10/10/2024

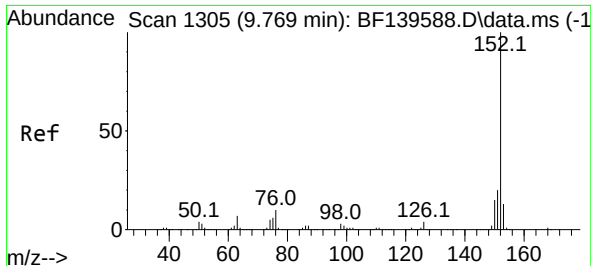


#48
2-Nitroaniline
Concen: 45.595 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion: 65 Resp: 204183
Ion Ratio Lower Upper
65 100
92 64.1 50.0 75.0
138 93.3 73.8 110.8





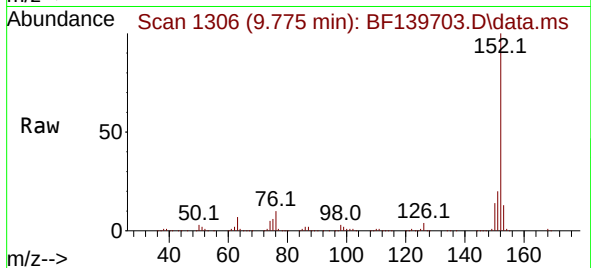
#49
Acenaphthylene
Concen: 46.130 ng
RT: 9.775 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



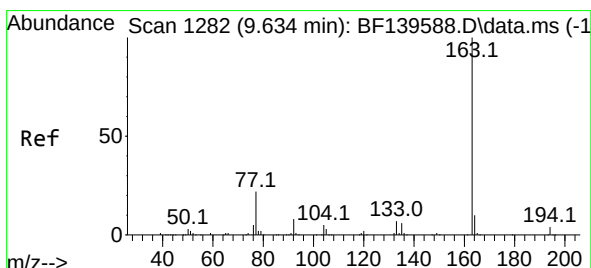
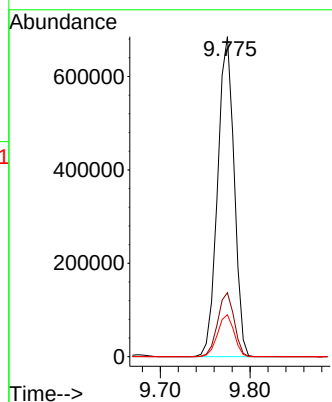
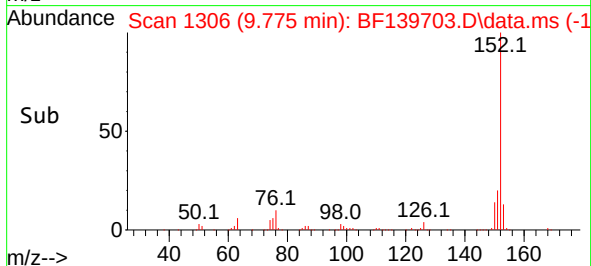
Tgt Ion:152 Resp: 87517
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 10.5 15.7

Manual Integrations

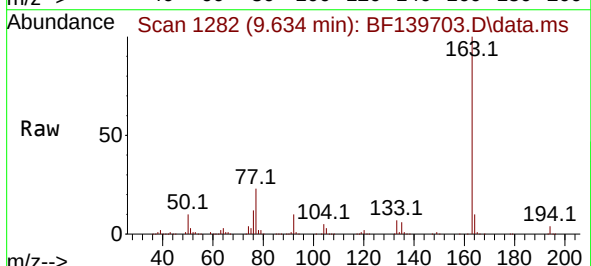
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

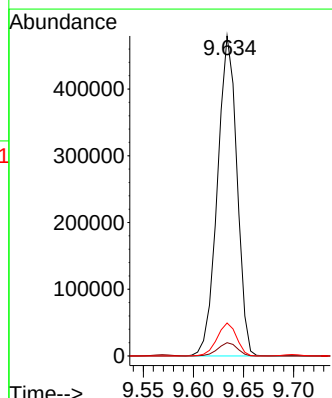
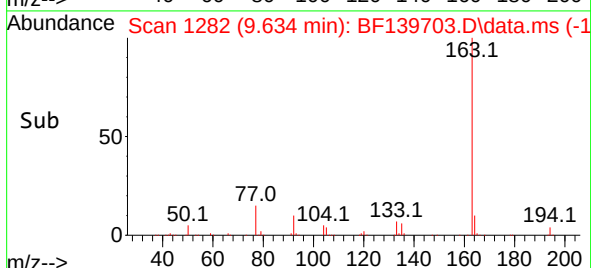
Supervised By :mohammad ahmed 10/10/2024

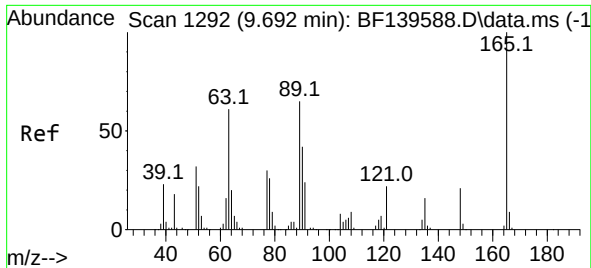


#50
Dimethylphthalate
Concen: 44.354 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:163 Resp: 649606
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.826 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

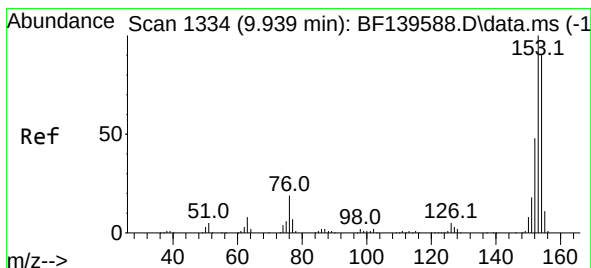
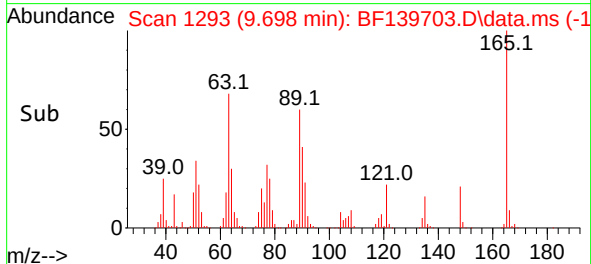
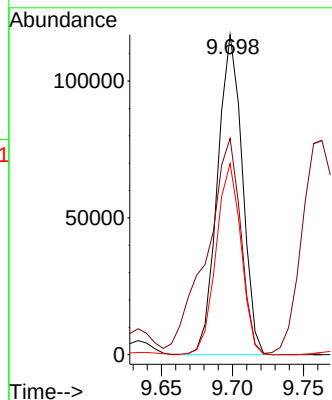
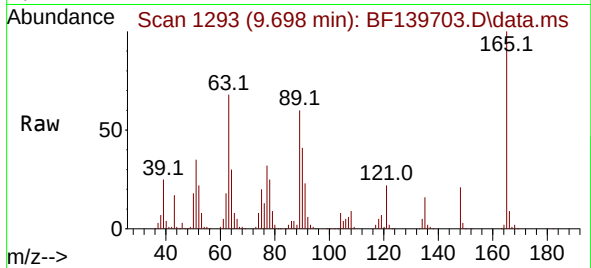
PB163952BS

Tgt Ion:165 Resp: 141690
Ion Ratio Lower Upper
165 100
63 67.6 56.7 85.1
89 59.8 51.6 77.4

Manual Integrations

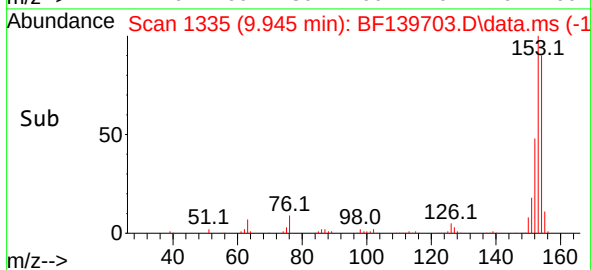
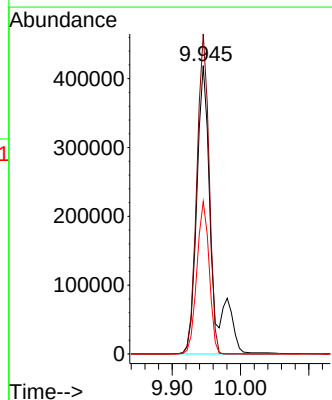
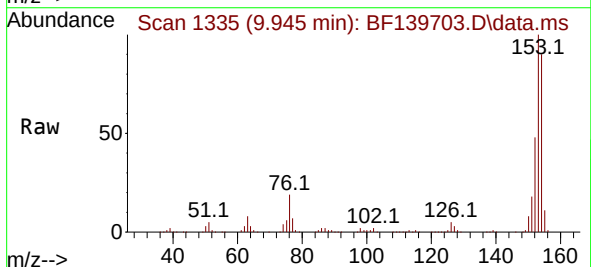
APPROVED

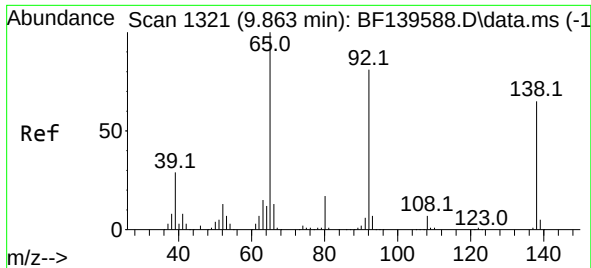
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#52
Acenaphthene
Concen: 48.529 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:154 Resp: 632059
Ion Ratio Lower Upper
154 100
153 111.0 88.8 133.2
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 34.398 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

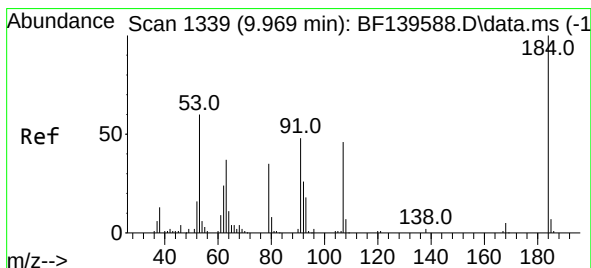
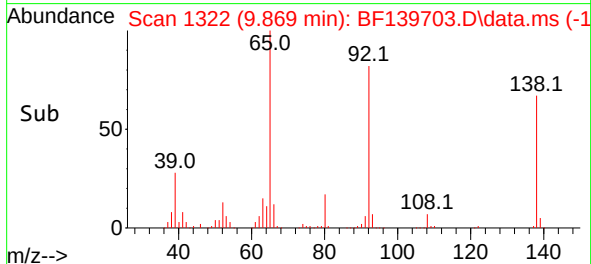
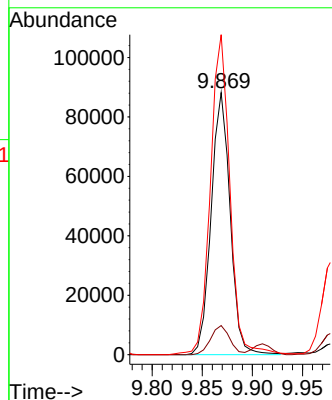
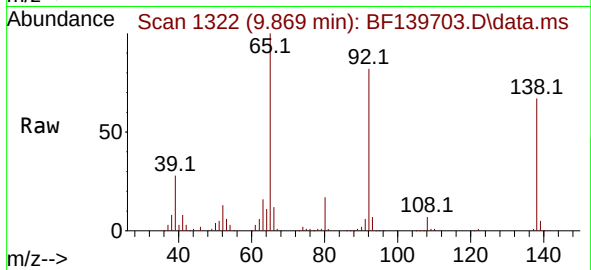
PB163952BS

Tgt Ion:138 Resp: 116299
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 122.1 100.0 150.0

Manual Integrations

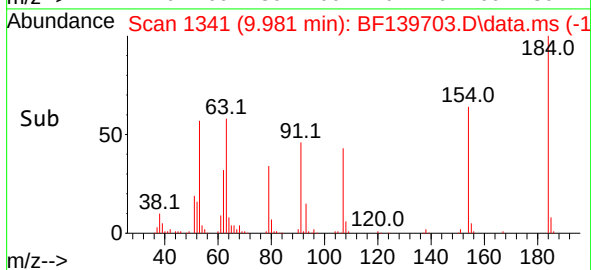
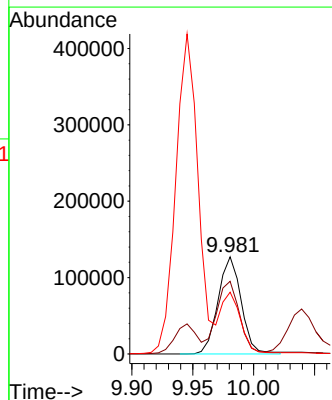
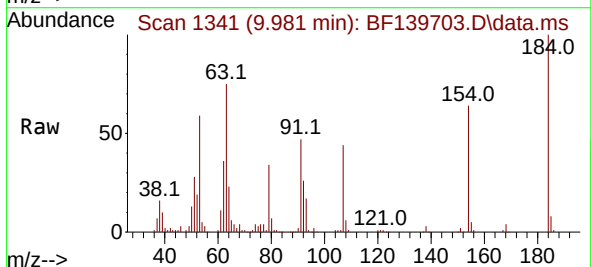
APPROVED

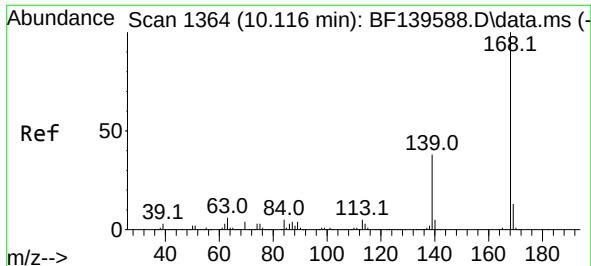
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#54
2,4-Dinitrophenol
Concen: 94.721 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

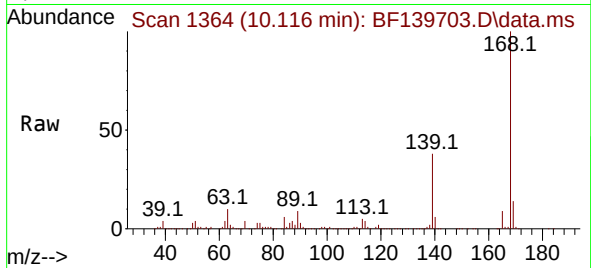
Tgt Ion:184 Resp: 168556
Ion Ratio Lower Upper
184 100
63 74.7 61.7 92.5
154 63.6 53.0 79.4





#55
Dibenzenofuran
Concen: 43.846 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

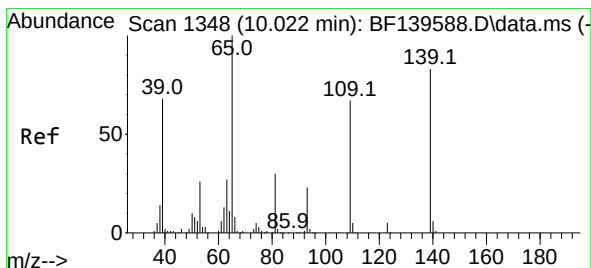
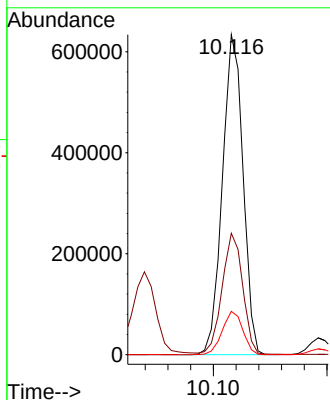
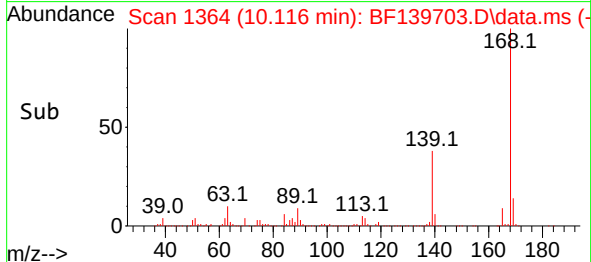
Instrument :
BNA_F
ClientSampleId :
PB163952BS



Tgt Ion:168 Resp: 799564
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 13.5 10.7 16.1

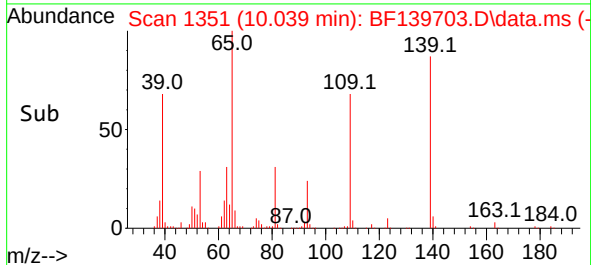
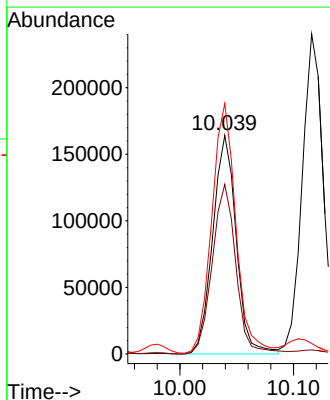
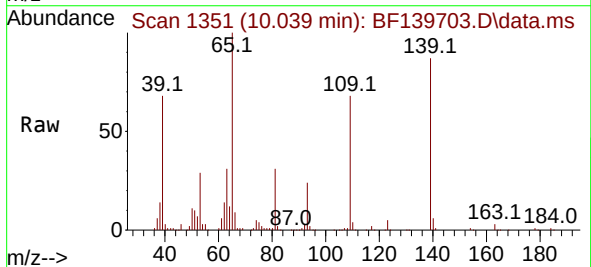
Manual Integrations
APPROVED

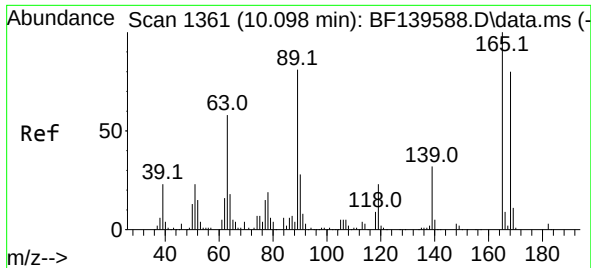
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#56
4-Nitrophenol
Concen: 91.749 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:139 Resp: 236555
Ion Ratio Lower Upper
139 100
109 77.5 60.3 100.3
65 114.5 100.8 140.8





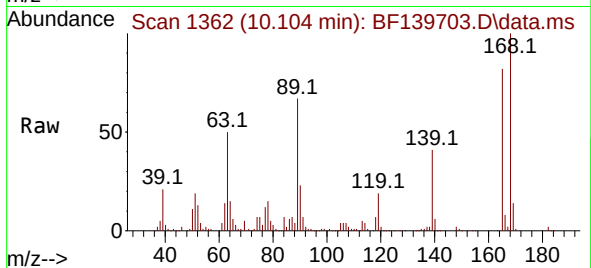
#57
2,4-Dinitrotoluene
Concen: 44.902 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



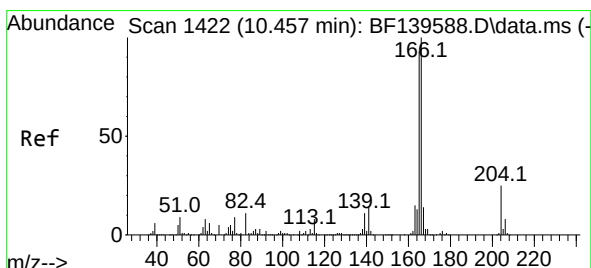
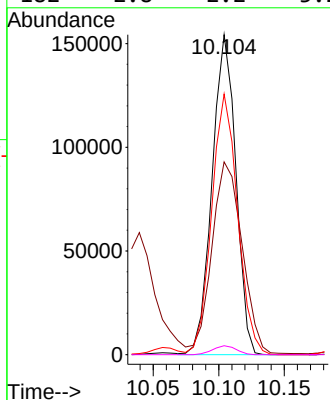
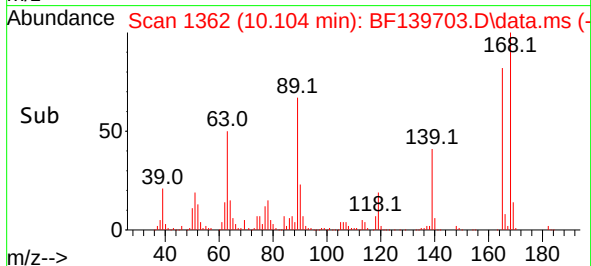
Tgt Ion:165 Resp: 19418
Ion Ratio Lower Upper
165 100
63 60.3 46.9 70.3
89 81.5 64.4 96.6
182 2.8 2.2 3.2

Manual Integrations

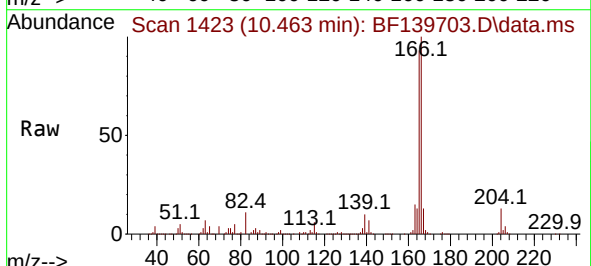
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

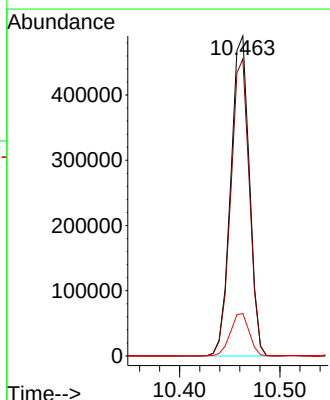
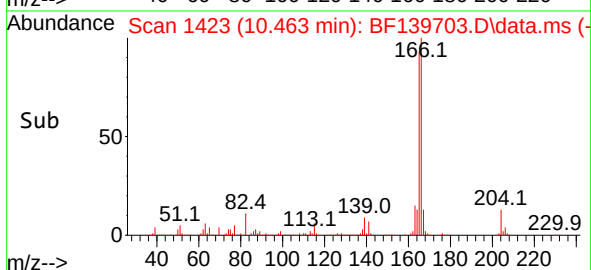
Supervised By :mohammad ahmed 10/10/2024

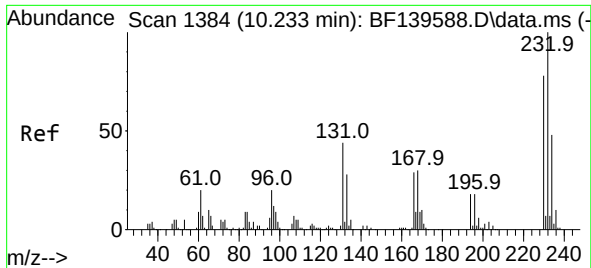


#58
Fluorene
Concen: 43.635 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



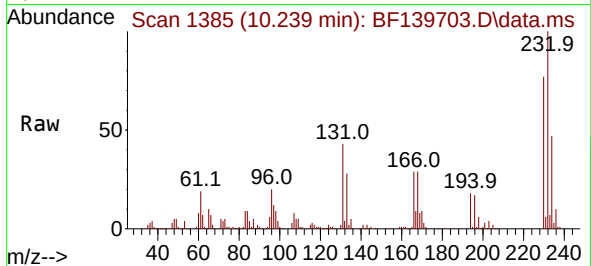
Tgt Ion:166 Resp: 633779
Ion Ratio Lower Upper
166 100
165 92.8 74.4 111.6
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.914 ng
RT: 10.239 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

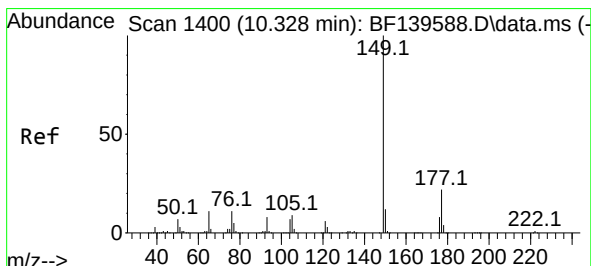
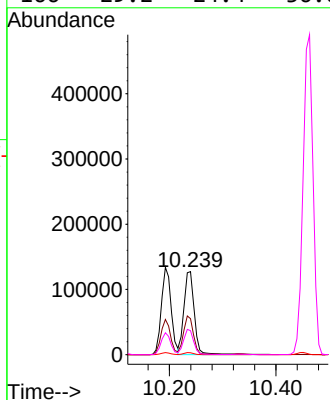
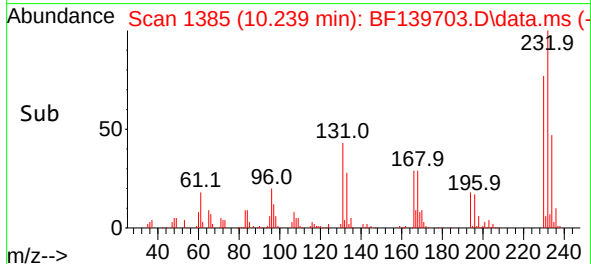
Instrument :
BNA_F
ClientSampleId :
PB163952BS



Tgt Ion:232 Resp: 171140
Ion Ratio Lower Upper
232 100
131 44.6 37.8 56.6
130 2.3 1.9 2.9
166 29.2 24.4 36.6

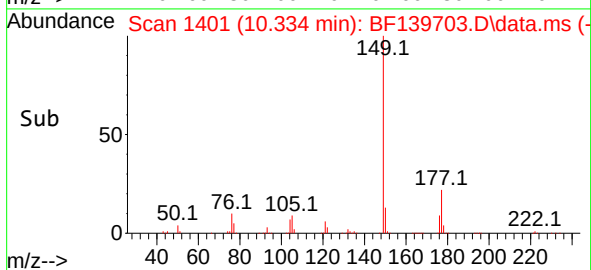
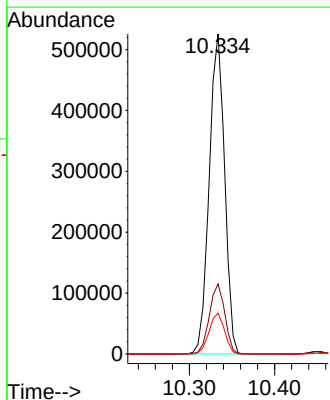
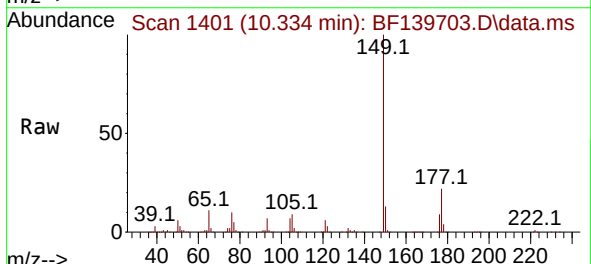
Manual Integrations
APPROVED

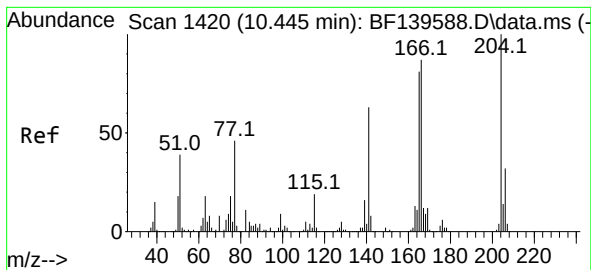
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#60
Diethylphthalate
Concen: 43.575 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

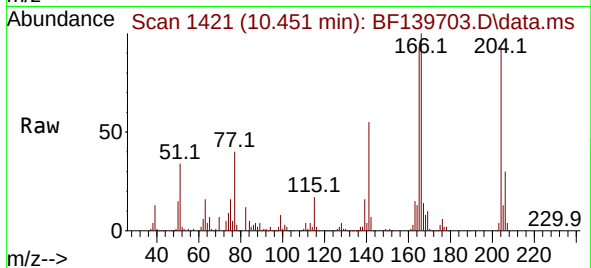
Tgt Ion:149 Resp: 659188
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 42.245 ng
RT: 10.451 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

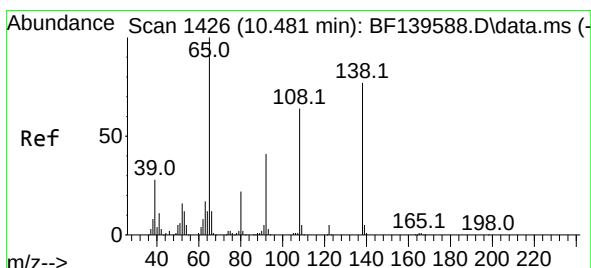
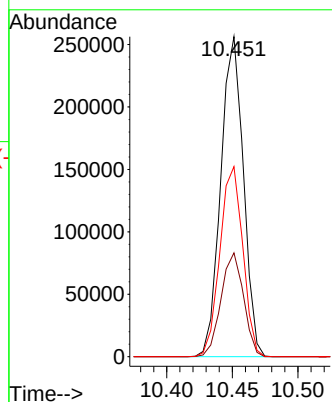
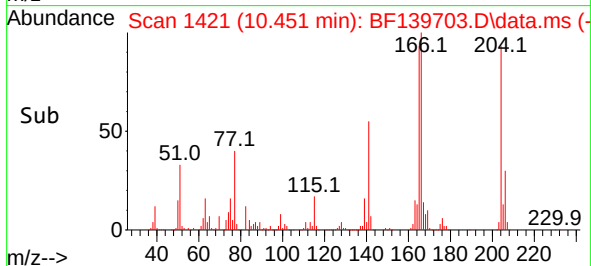
Instrument :
BNA_F
ClientSampleId :
PB163952BS



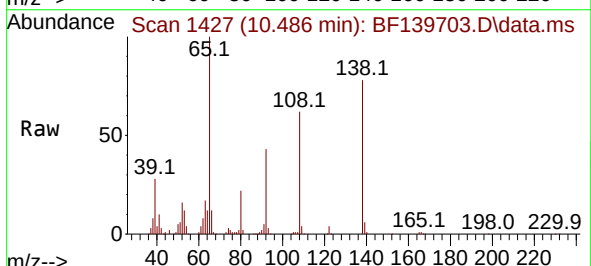
Tgt Ion:204 Resp: 306969
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 59.4 50.5 75.7

Manual Integrations
APPROVED

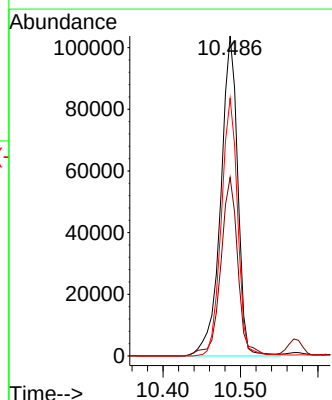
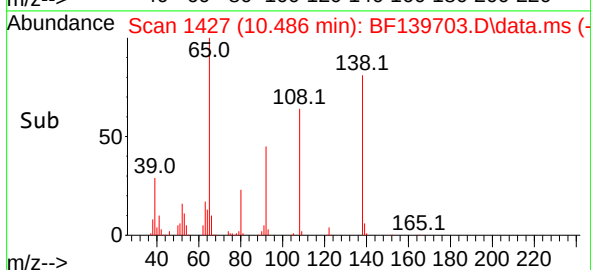
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

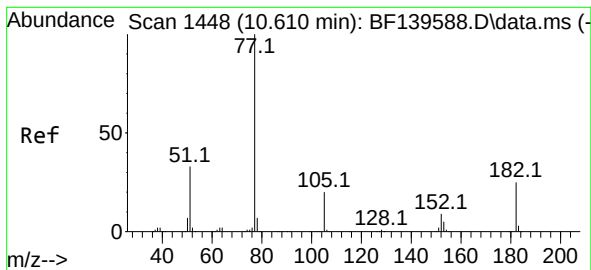


#62
4-Nitroaniline
Concen: 45.934 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:138 Resp: 158855
Ion Ratio Lower Upper
138 100
92 55.8 33.3 73.3
108 80.5 62.1 102.1





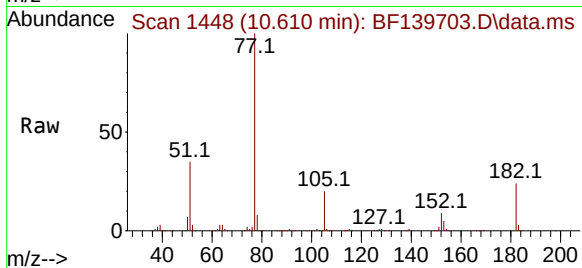
#63
Azobenzene
Concen: 43.953 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



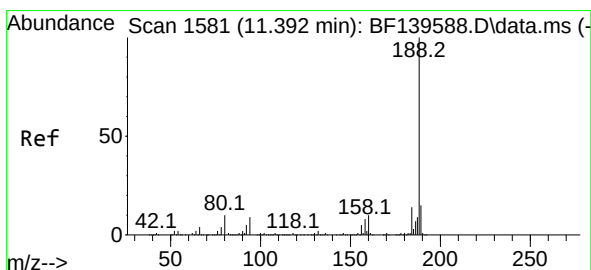
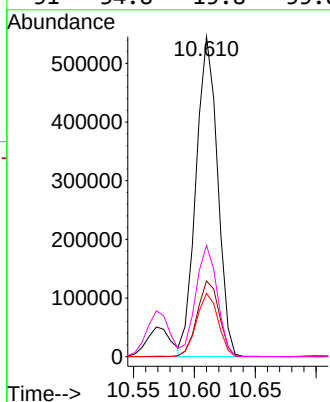
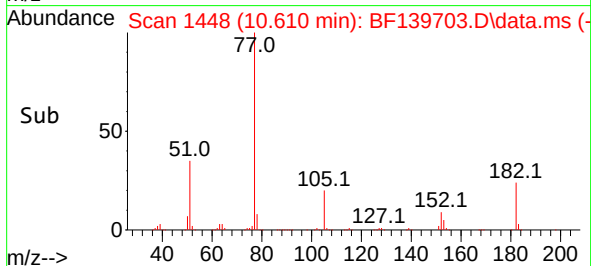
Tgt Ion: 77 Resp: 668670
Ion Ratio Lower Upper
77 100
182 23.7 4.2 44.2
105 19.8 0.0 39.6
51 34.8 15.8 55.8

Manual Integrations

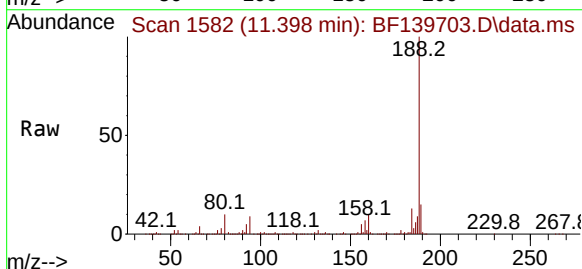
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

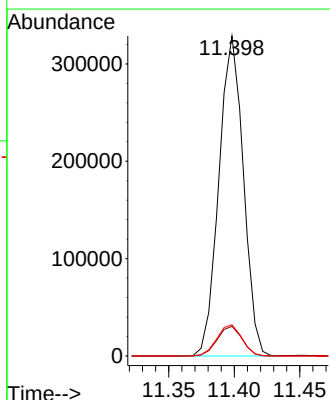
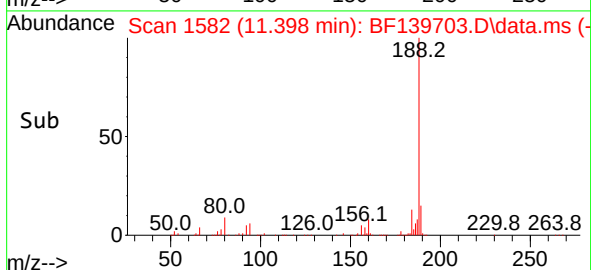
Supervised By :mohammad ahmed 10/10/2024

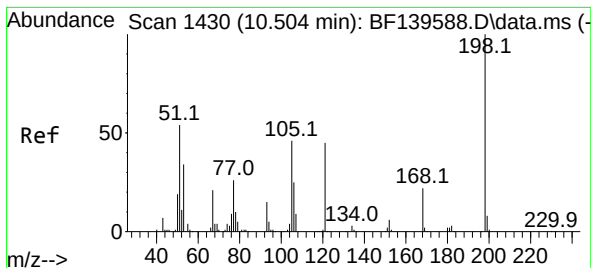


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:188 Resp: 426523
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.7 8.2 12.2





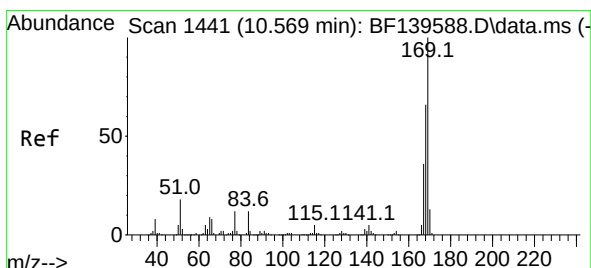
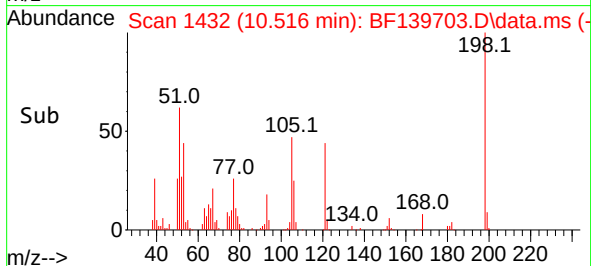
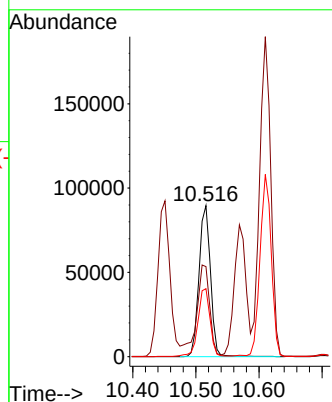
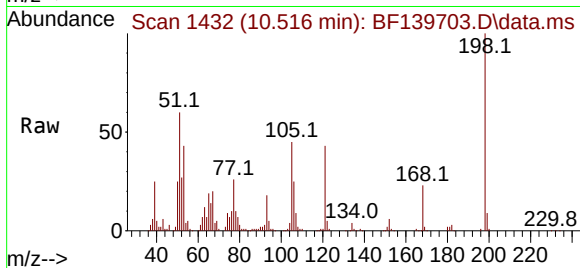
#65
4,6-Dinitro-2-methylphenol
Concen: 46.928 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :
BNA_F
ClientSampleId :
PB163952BS

Tgt Ion:198 Resp: 113045
Ion Ratio Lower Upper
198 100
51 59.6 43.0 83.0
105 45.0 26.6 66.6

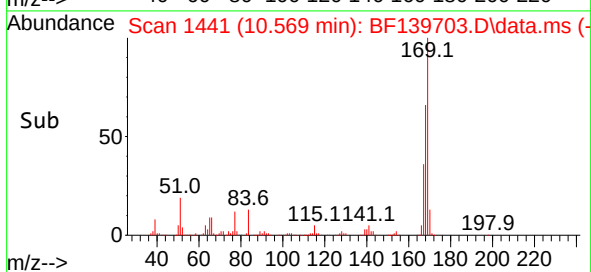
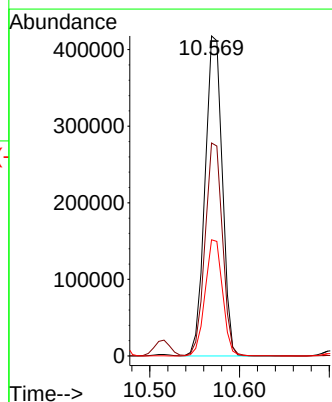
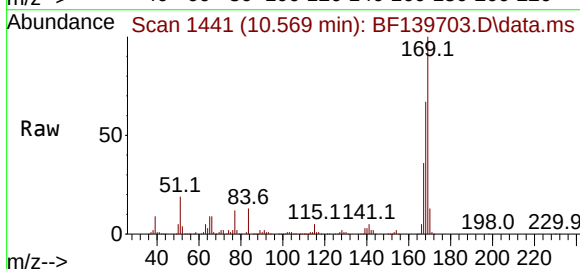
Manual Integrations
APPROVED

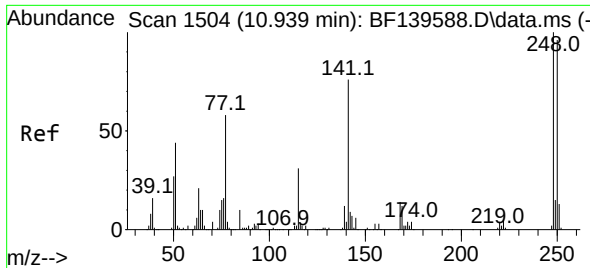
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#66
n-Nitrosodiphenylamine
Concen: 44.294 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:169 Resp: 556885
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.3 28.6 43.0





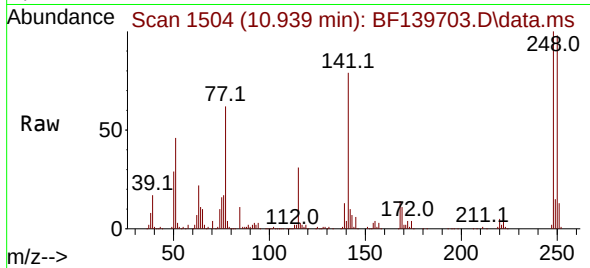
#67
4-Bromophenyl-phenylether
Concen: 42.703 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

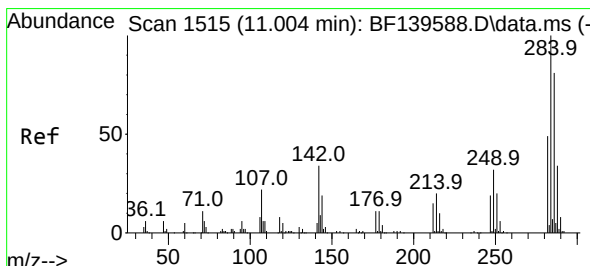
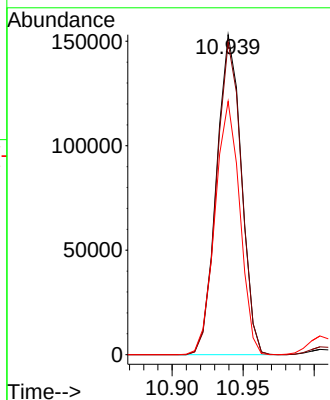
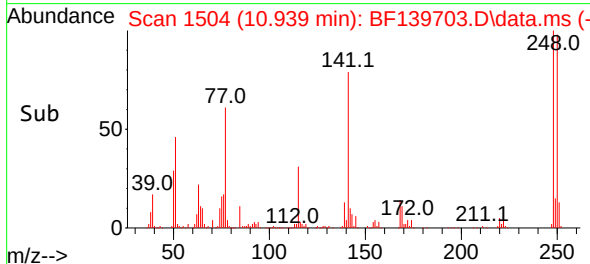


Tgt Ion:248 Resp: 18674
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 79.2 60.4 90.6

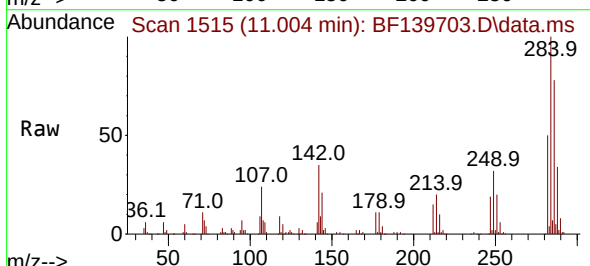
Manual Integrations

APPROVED

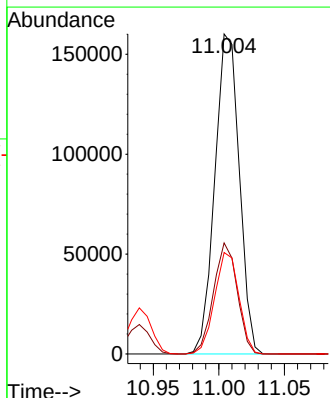
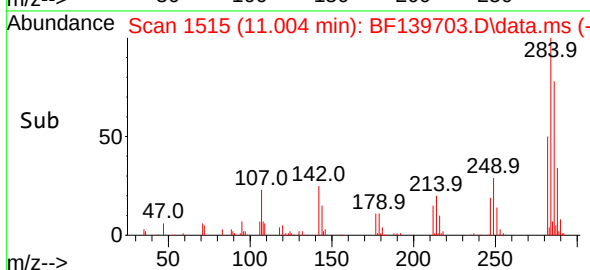
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

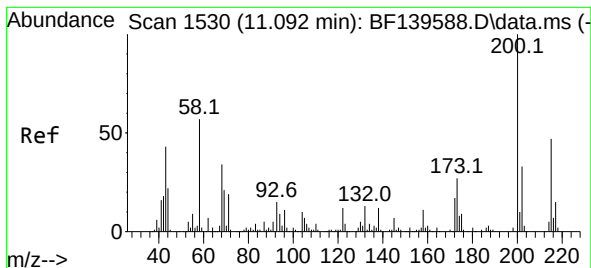


#68
Hexachlorobenzene
Concen: 42.764 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:284 Resp: 207521
Ion Ratio Lower Upper
284 100
142 34.7 26.9 40.3
249 31.7 25.4 38.0





#69

Atrazine

Concen: 54.518 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

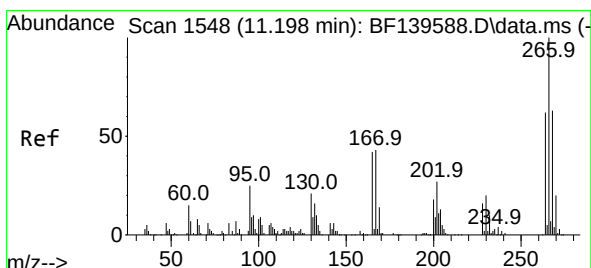
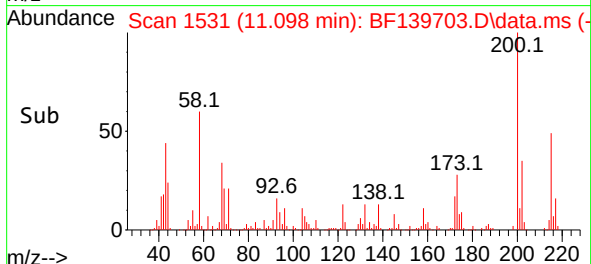
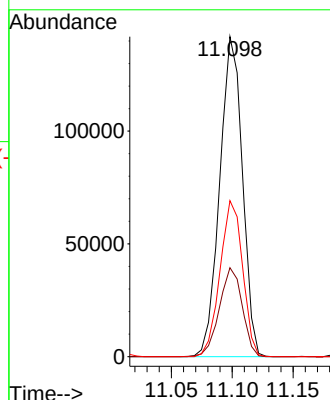
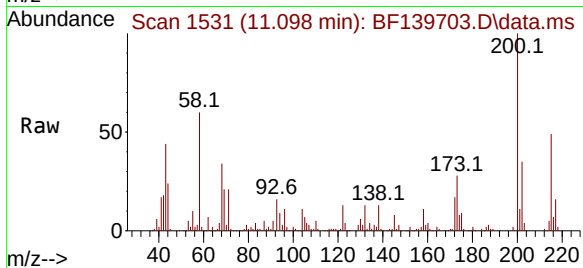
PB163952BS

Tgt Ion:200 Resp: 18390
 Ion Ratio Lower Upper
 200 100
 173 27.8 6.7 46.7
 215 48.7 27.5 67.5

Manual Integrations

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



#70

Pentachlorophenol

Concen: 84.174 ng

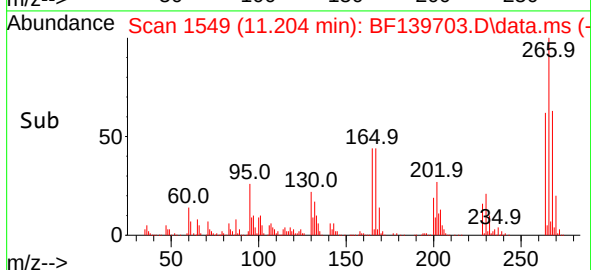
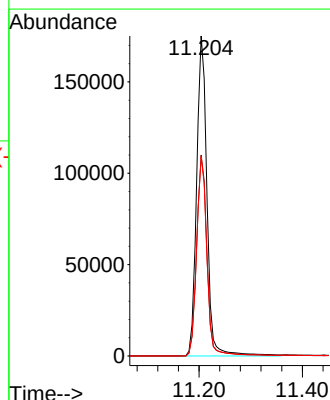
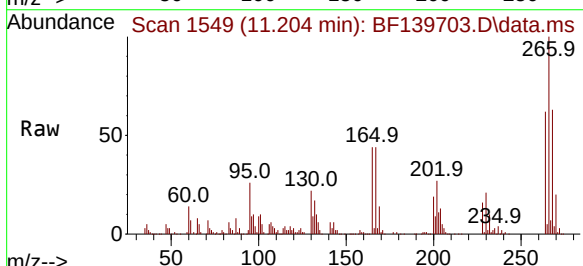
RT: 11.204 min Scan# 1549

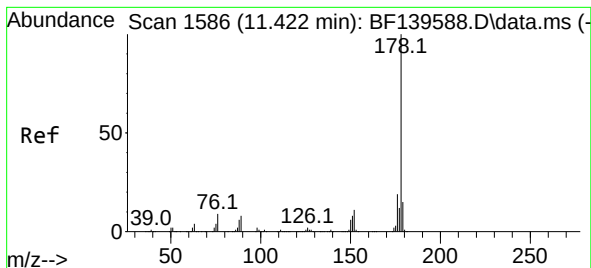
Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

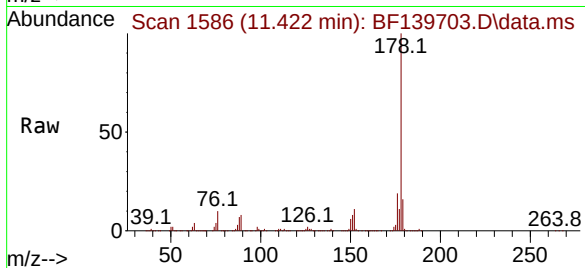
Tgt Ion:266 Resp: 243222
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.0 75.0
 264 62.4 49.3 73.9





#71
Phenanthrene
Concen: 45.597 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

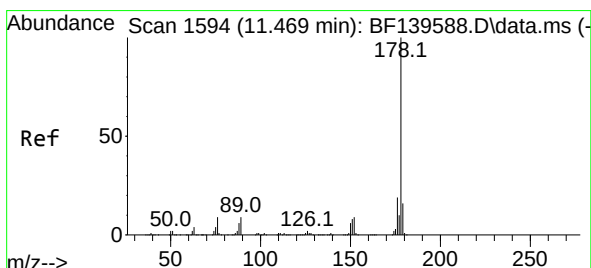
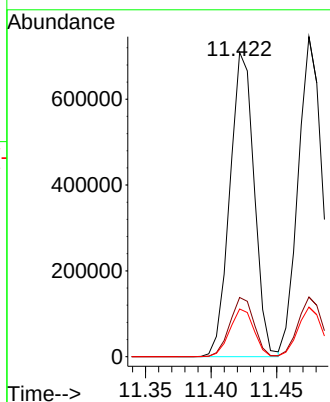
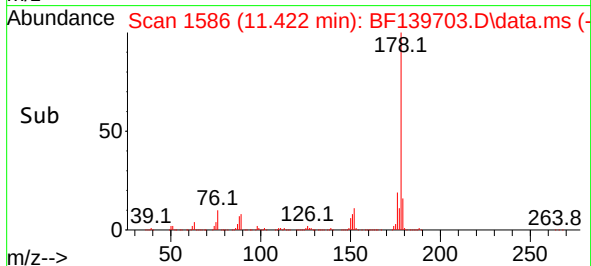
Instrument :
BNA_F
ClientSampleId :
PB163952BS



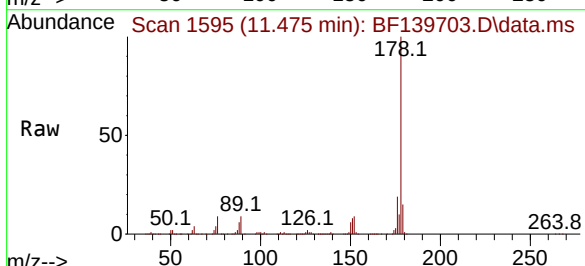
Tgt Ion:178 Resp: 916990
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.3 18.5

Manual Integrations
APPROVED

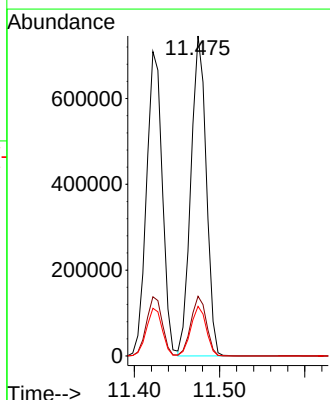
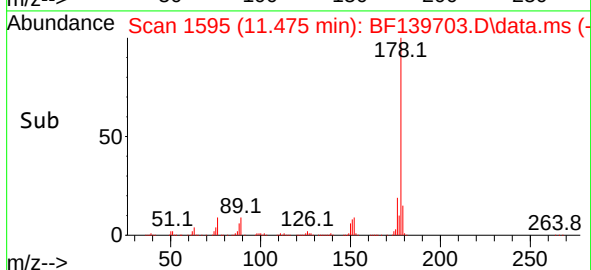
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

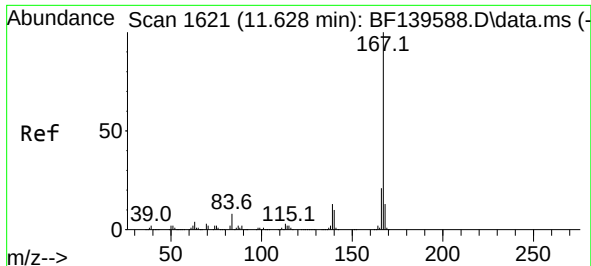


#72
Anthracene
Concen: 46.931 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



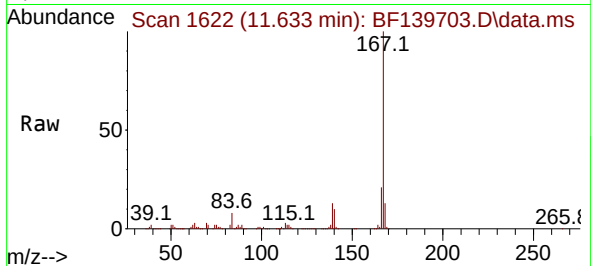
Tgt Ion:178 Resp: 933735
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 45.433 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139703.D
 Acq: 08 Oct 2024 10:38

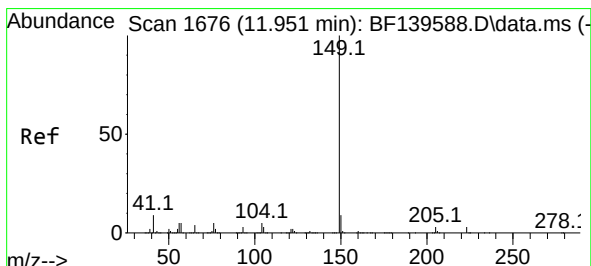
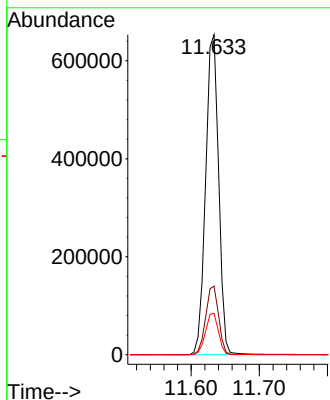
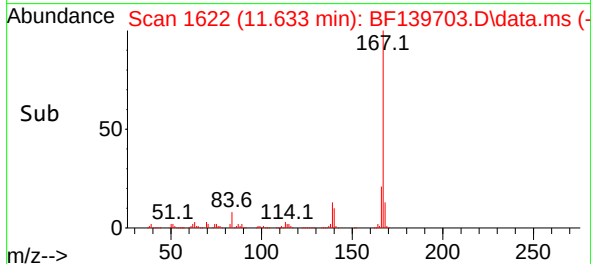
Instrument :
 BNA_F
 ClientSampleId :
 PB163952BS



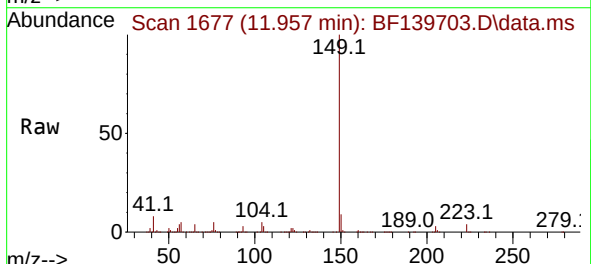
Tgt Ion:167 Resp: 868170
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.9 10.3 15.5

Manual Integrations
 APPROVED

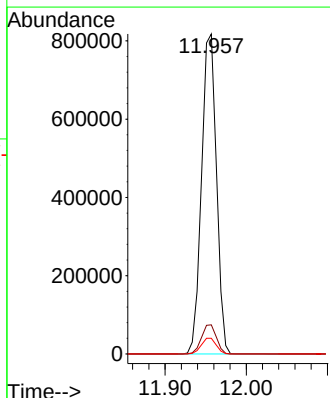
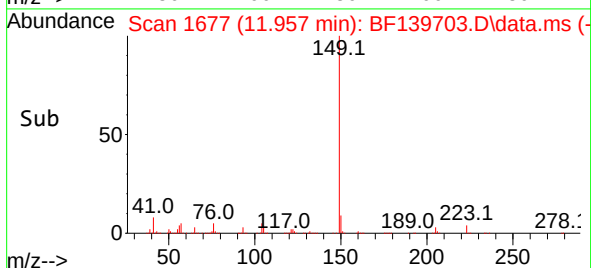
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

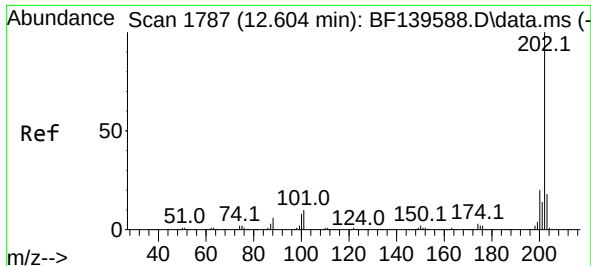


#74
 Di-n-butylphthalate
 Concen: 44.819 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.006 min
 Lab File: BF139703.D
 Acq: 08 Oct 2024 10:38



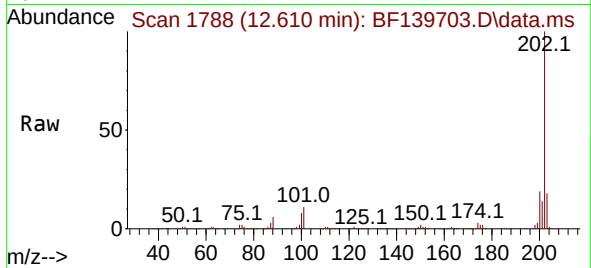
Tgt Ion:149 Resp: 1041459
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 45.703 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

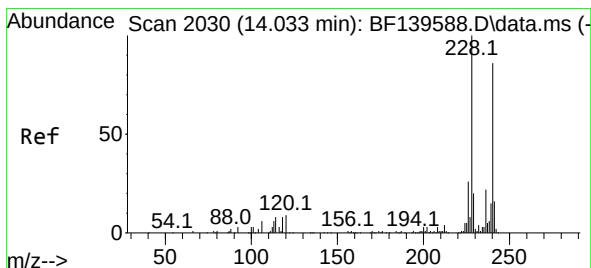
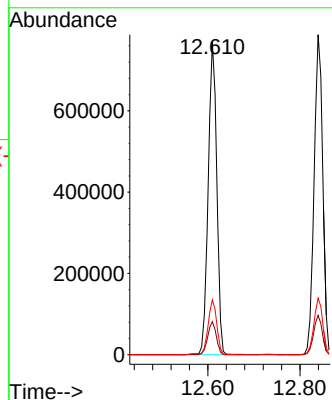
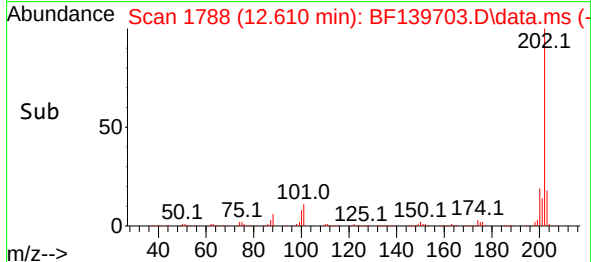
Instrument :
BNA_F
ClientSampleId :
PB163952BS



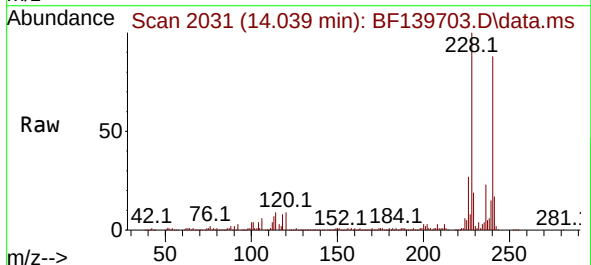
Tgt Ion:202 Resp: 1004744
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.6 0.0 37.7

Manual Integrations
APPROVED

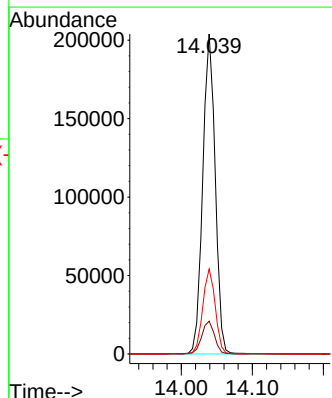
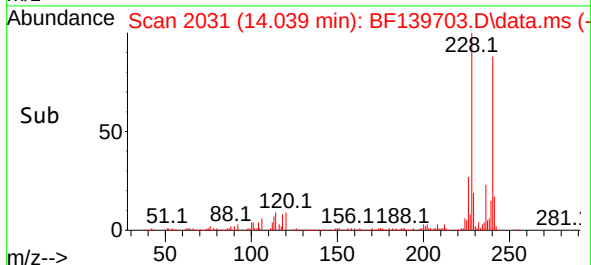
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

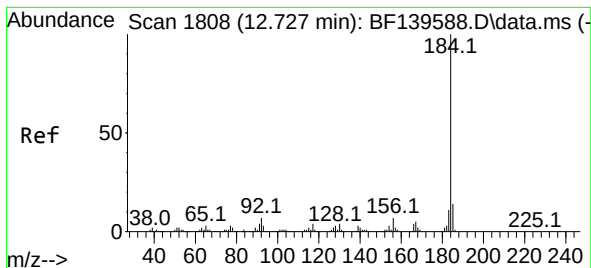


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38



Tgt Ion:240 Resp: 249491
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.5 20.3 30.5





#77

Benzidine

Concen: 67.914 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

Tgt Ion:184 Resp: 298870

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

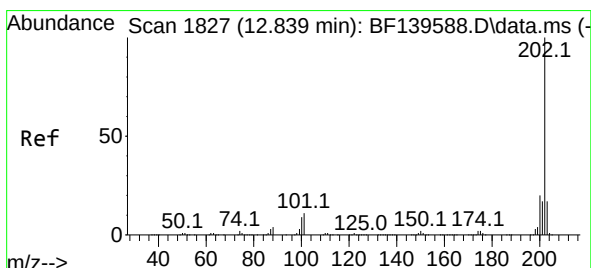
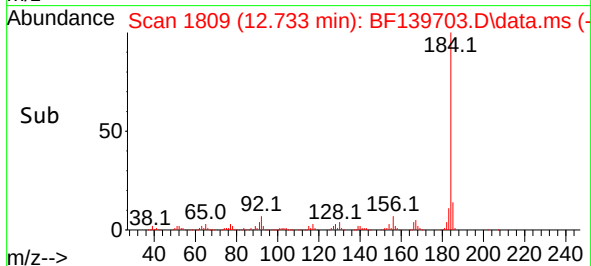
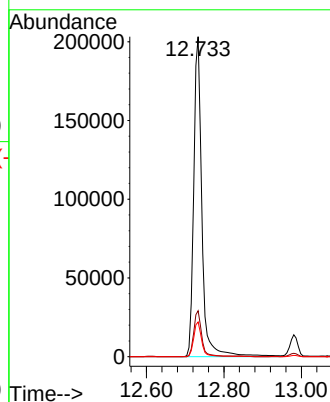
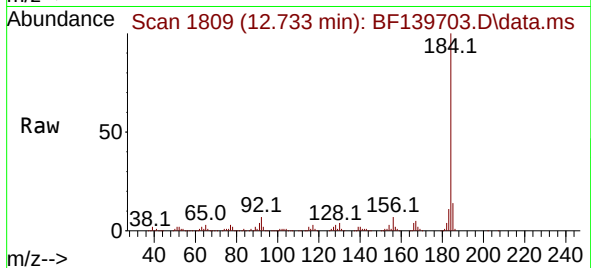
183 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#78

Pyrene

Concen: 45.874 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

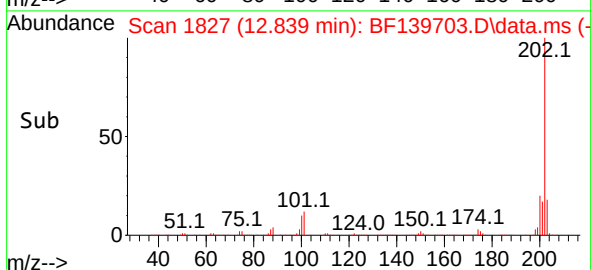
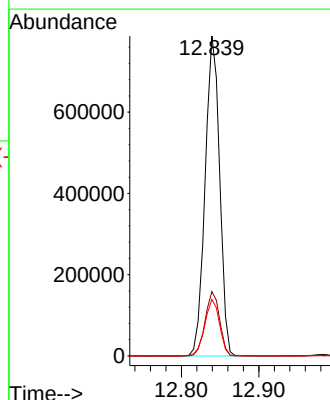
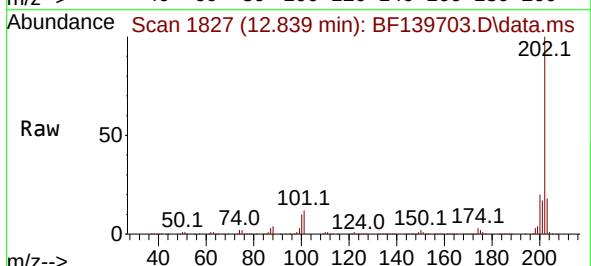
Tgt Ion:202 Resp: 1023646

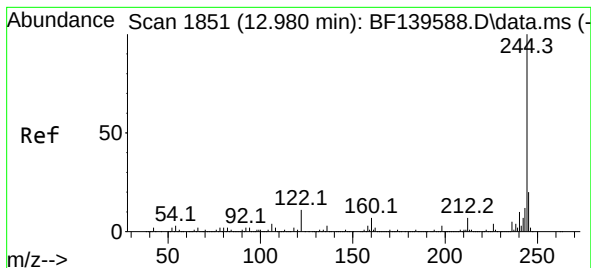
Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.6

203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 90.816 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139703.D

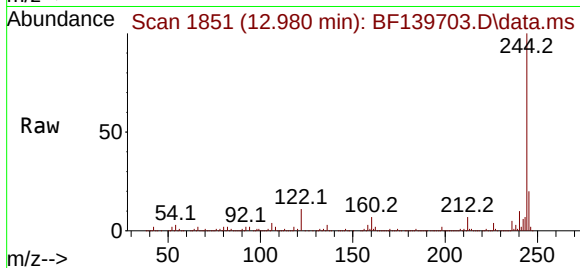
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS



Tgt Ion:244 Resp: 1380869

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

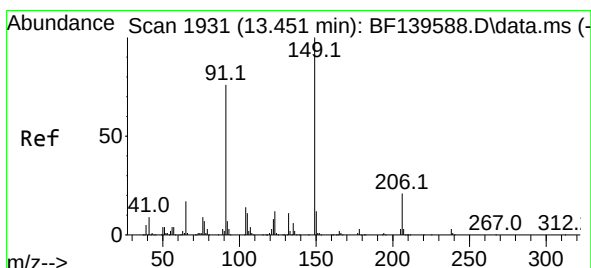
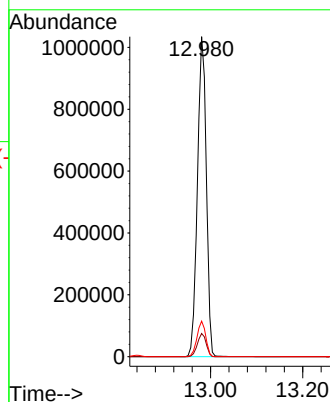
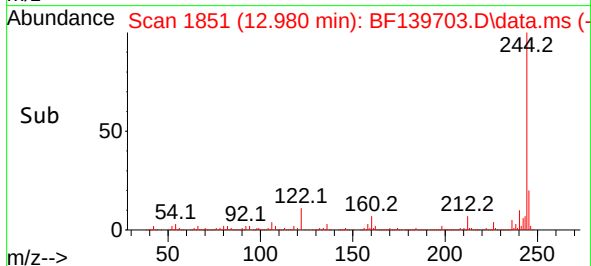
122 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#80

Butylbenzylphthalate

Concen: 48.743 ng

RT: 13.451 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

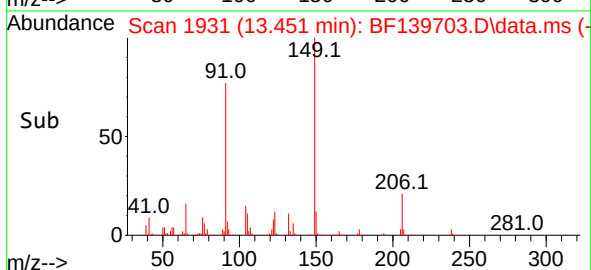
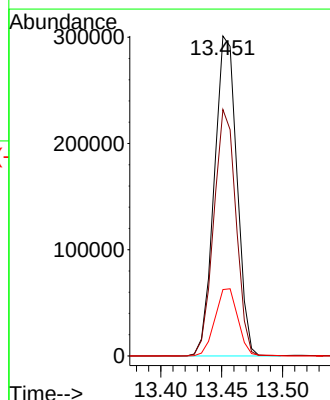
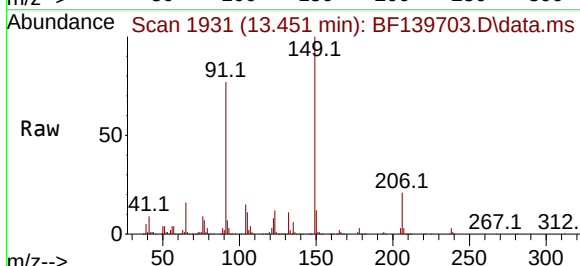
Tgt Ion:149 Resp: 389049

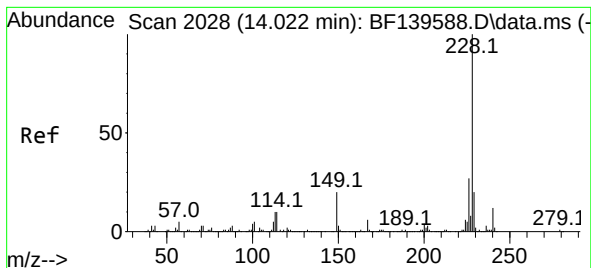
Ion Ratio Lower Upper

149 100

91 77.0 61.0 91.4

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.281 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

Tgt Ion:228 Resp: 75914

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

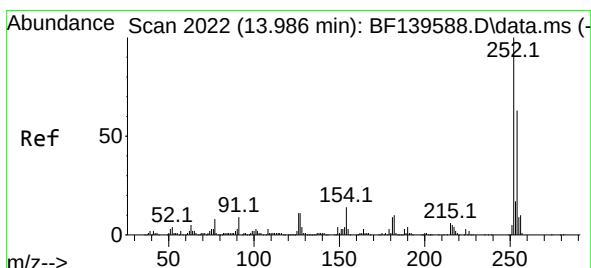
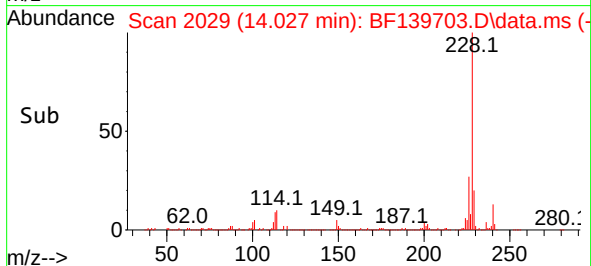
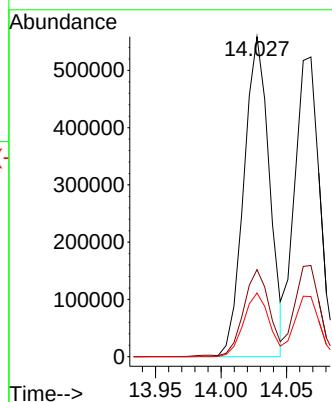
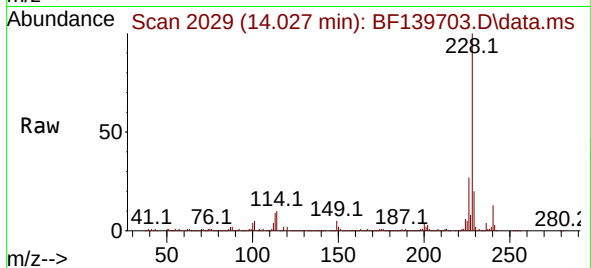
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#82

3,3'-Dichlorobenzidine

Concen: 34.537 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

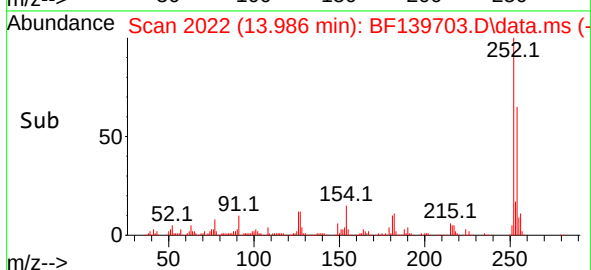
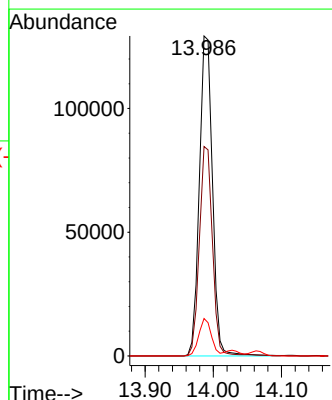
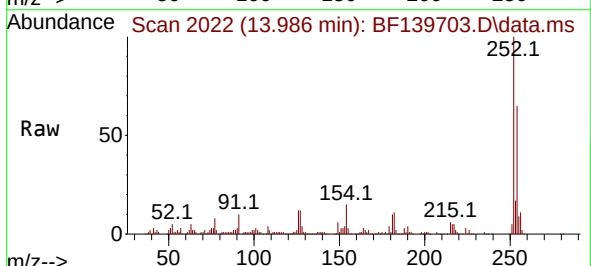
Tgt Ion:252 Resp: 173380

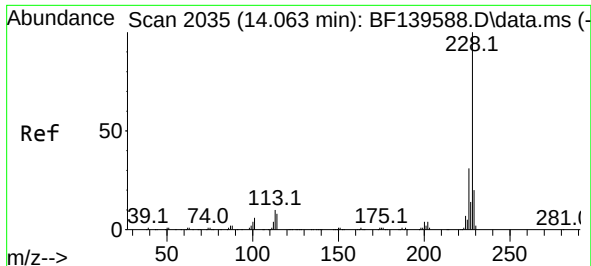
Ion Ratio Lower Upper

252 100

254 65.4 50.5 75.7

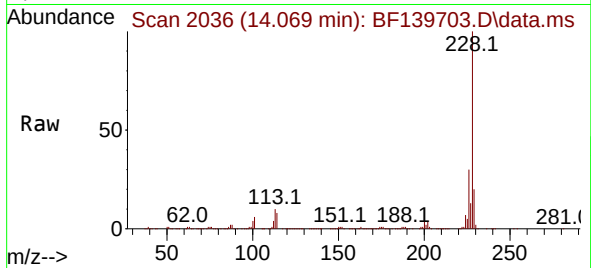
126 11.7 8.8 13.2





#83
Chrysene
Concen: 46.117 ng
RT: 14.069 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

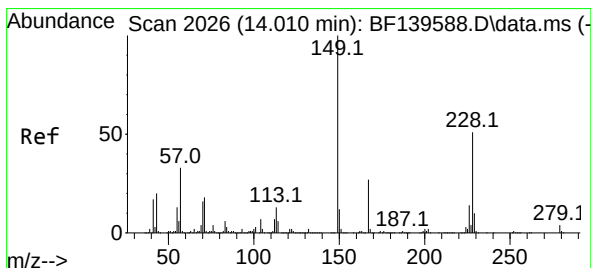
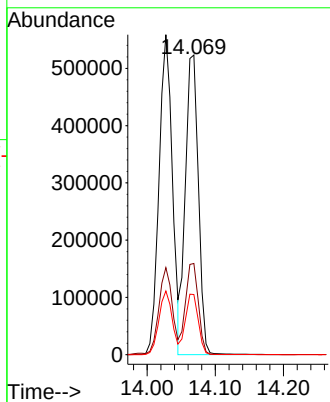
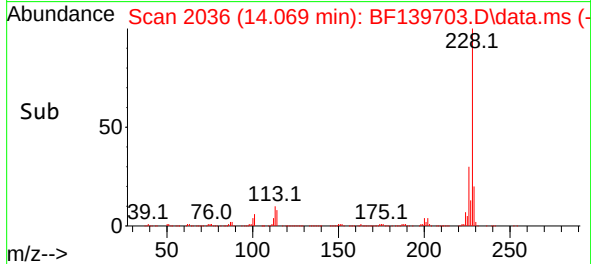
Instrument :
BNA_F
ClientSampleId :
PB163952BS



Tgt Ion:228 Resp: 691609
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.1 15.7 23.5

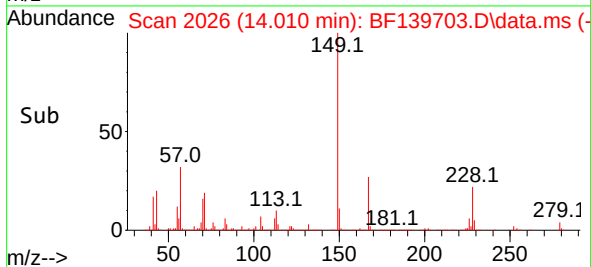
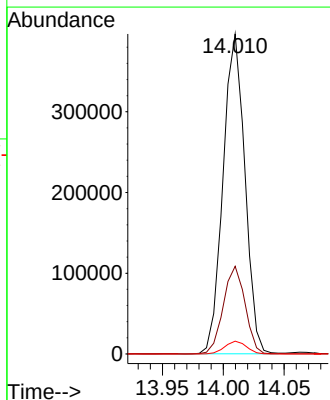
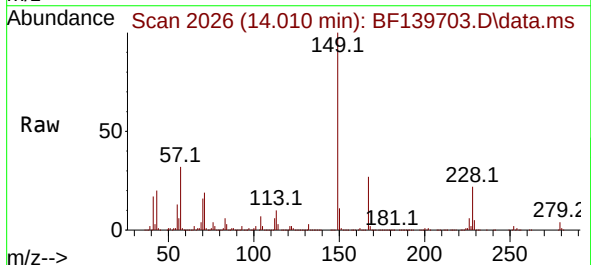
Manual Integrations
APPROVED

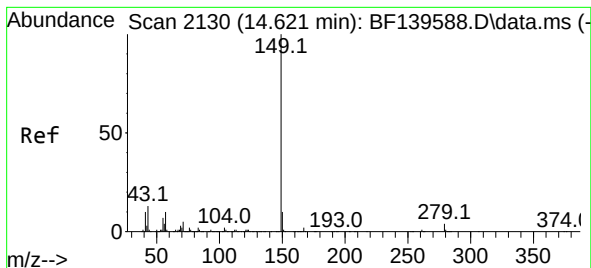
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.619 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:149 Resp: 494538
Ion Ratio Lower Upper
149 100
167 27.4 21.7 32.5
279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 46.033 ng

RT: 14.621 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

Tgt Ion:149 Resp: 67401

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

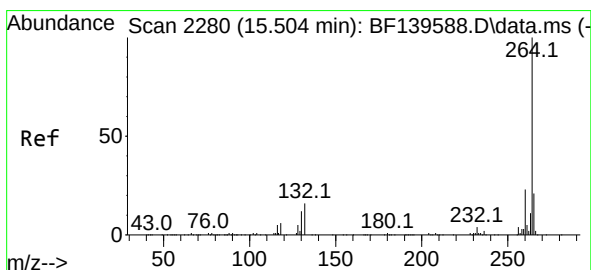
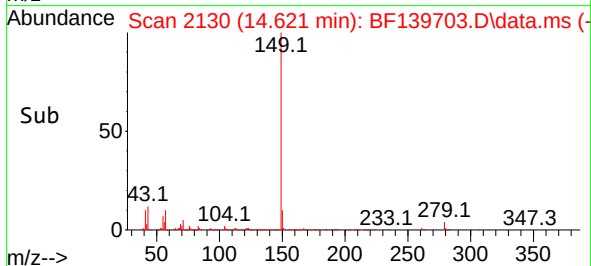
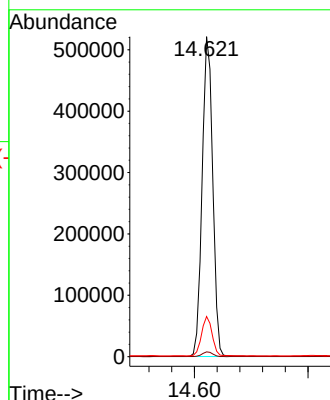
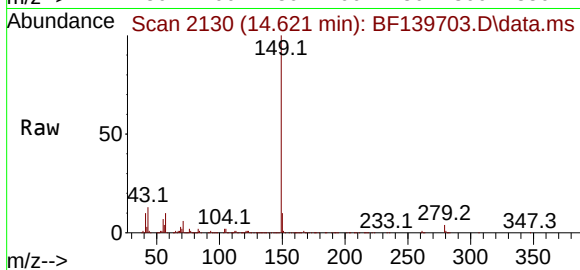
43 12.2 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

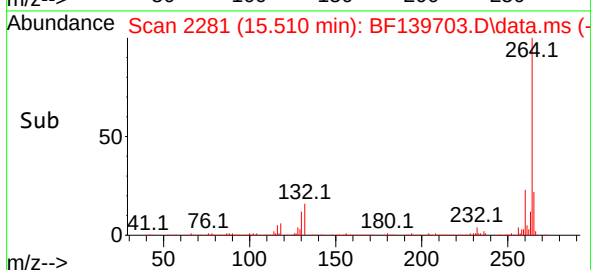
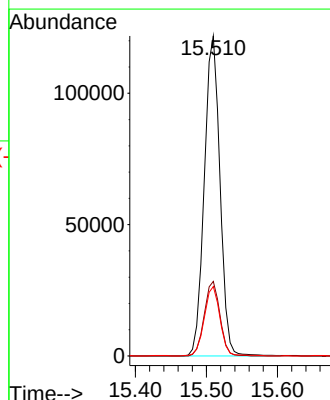
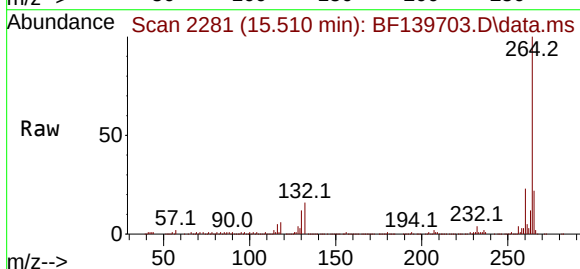
Tgt Ion:264 Resp: 187304

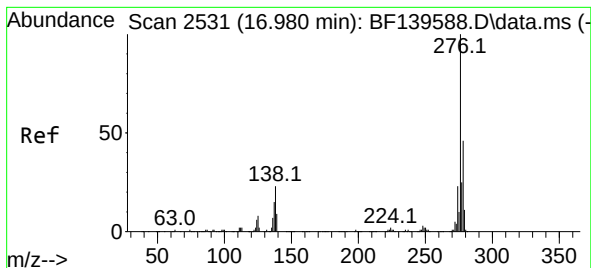
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.728 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB163952BS

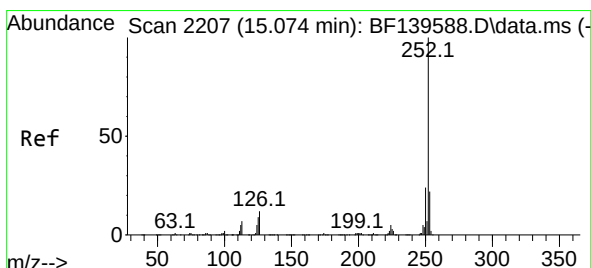
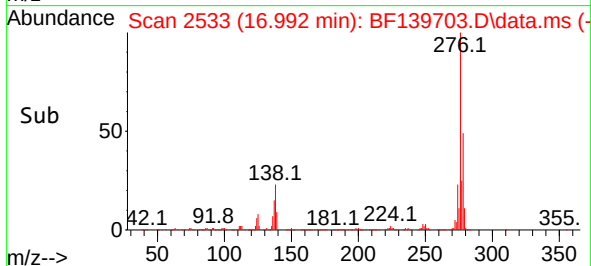
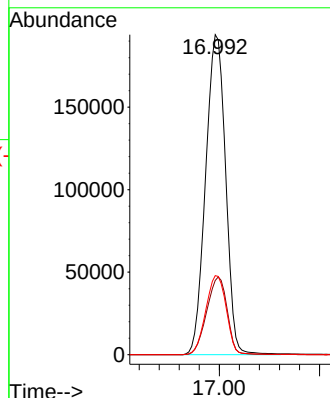
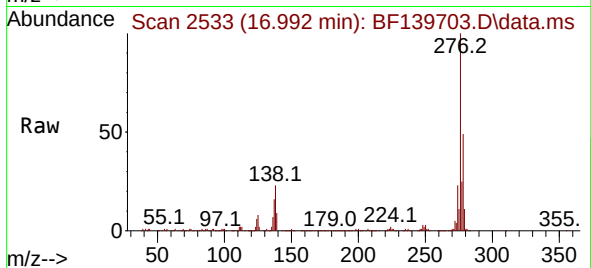
Tgt Ion:276 Resp: 53719
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.4 29.0
 277 25.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#88

Benzo(b)fluoranthene

Concen: 41.831 ng

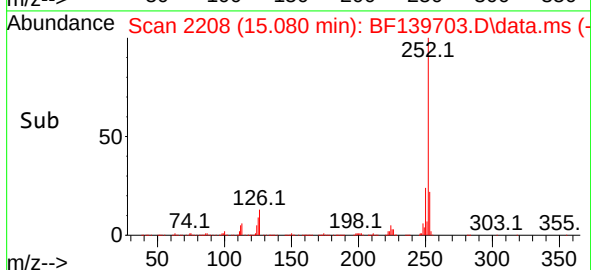
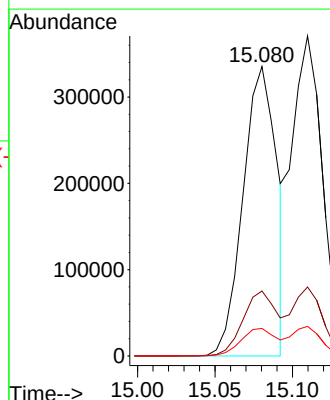
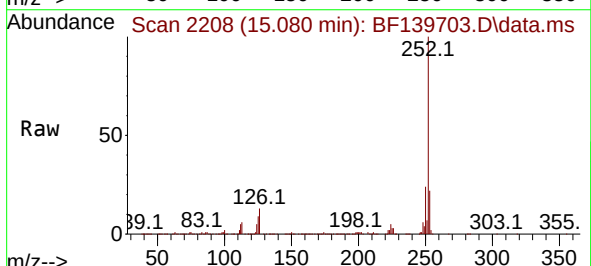
RT: 15.080 min Scan# 2208

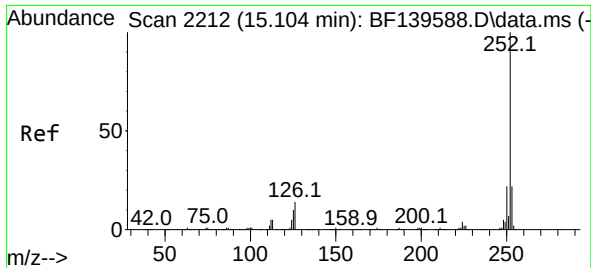
Delta R.T. 0.006 min

Lab File: BF139703.D

Acq: 08 Oct 2024 10:38

Tgt Ion:252 Resp: 506608
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 9.5 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 49.206 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

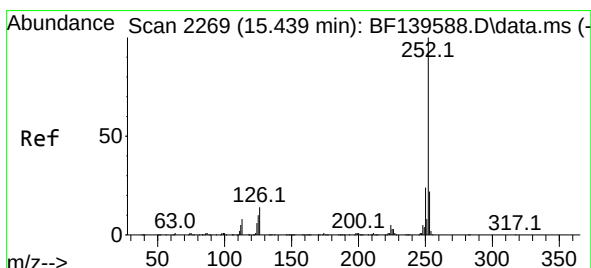
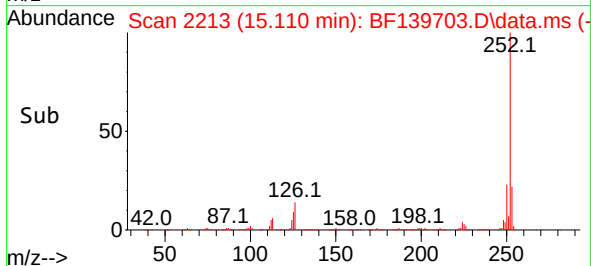
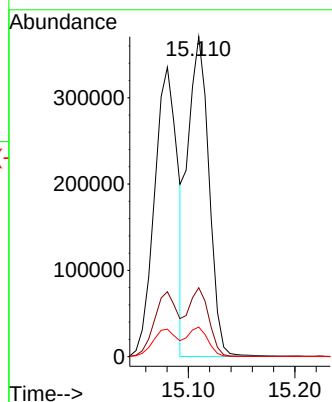
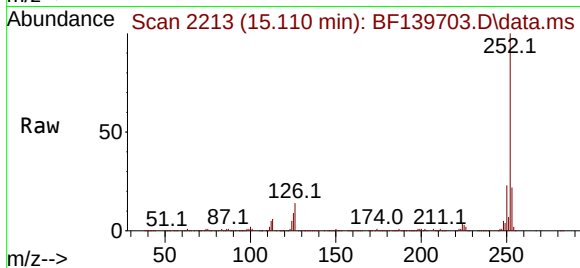
PB163952BS

Tgt Ion:252 Resp: 505500
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.2 7.6 11.4

Manual Integrations

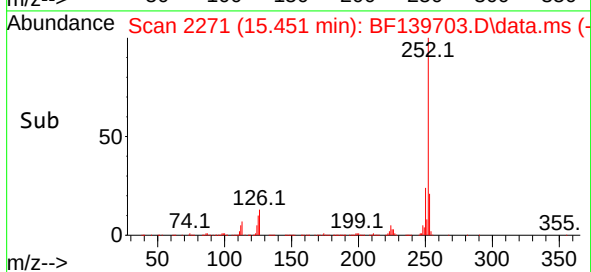
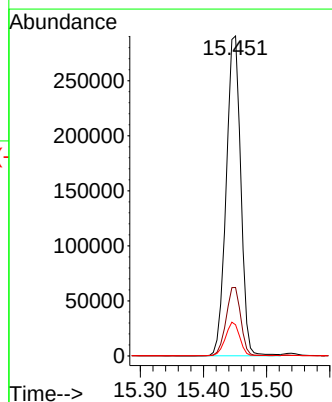
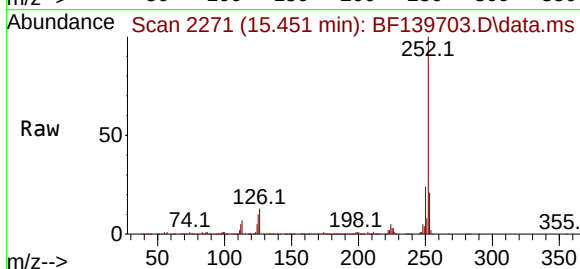
APPROVED

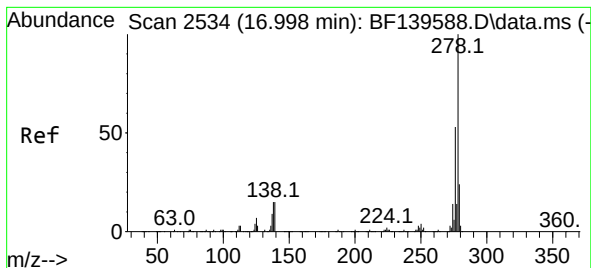
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#90
Benzo(a)pyrene
Concen: 48.537 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:252 Resp: 463497
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.8 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 48.084 ng
RT: 17.010 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Instrument :

BNA_F

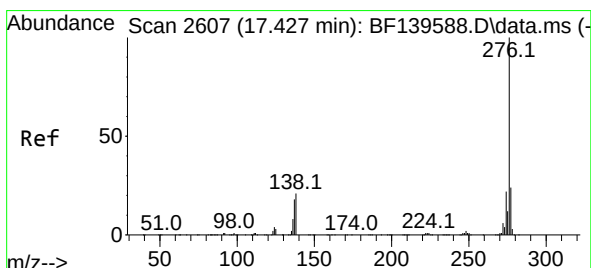
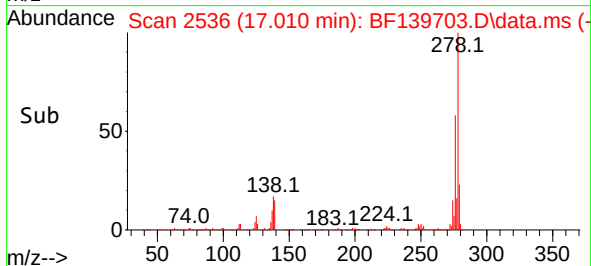
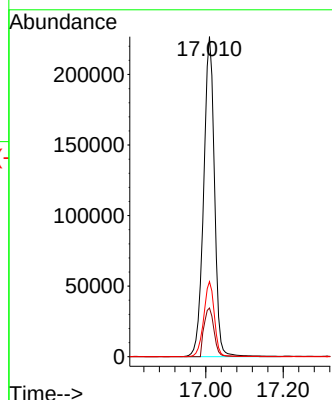
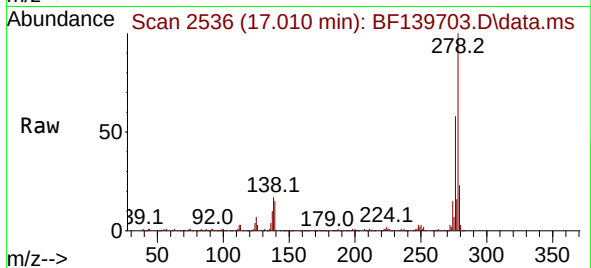
ClientSampleId :

PB163952BS

Tgt Ion:278 Resp: 43966
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.4
279 23.5 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.294 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.012 min
Lab File: BF139703.D
Acq: 08 Oct 2024 10:38

Tgt Ion:276 Resp: 415357
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 21.2 17.0 25.6

