

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139533.D
 Acq On : 25 Sep 2024 17:08
 Operator : RC/JU
 Sample : PB163665BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163665BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 25 17:29:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66799	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	243770	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	131975	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	253697	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	122817	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	141578	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	602345	147.103	ng	0.01
7) Phenol-d6	6.516	99	779765	145.084	ng	0.01
23) Nitrobenzene-d5	7.439	82	517983	99.894	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	202229	143.932	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	917486	97.503	ng	0.00
79) Terphenyl-d14	12.980	244	838169	112.017	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	75035	45.675	ng	97
3) Pyridine	3.457	79	198785	54.882	ng	97
4) n-Nitrosodimethylamine	3.416	42	145124	46.227	ng	# 82
6) Aniline	6.540	93	251783	62.077	ng	# 79
8) 2-Chlorophenol	6.663	128	219917	52.175	ng	98
9) Benzaldehyde	6.428	77	32015	10.310	ng	96
10) Phenol	6.528	94	284500	51.973	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	211224	50.769	ng	99
12) 1,3-Dichlorobenzene	6.822	146	231585	48.311	ng	98
13) 1,4-Dichlorobenzene	6.898	146	235174	48.548	ng	98
14) 1,2-Dichlorobenzene	7.045	146	227331	49.665	ng	98
15) Benzyl Alcohol	7.022	79	205226	47.861	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	379769	59.229	ng	97
17) 2-Methylphenol	7.134	107	174309	52.050	ng	98
18) Hexachloroethane	7.386	117	87424	47.383	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	159307	50.019	ng	98
20) 3+4-Methylphenols	7.287	107	221682	48.520	ng	# 86
22) Acetophenone	7.287	105	302448	47.459	ng	97
24) Nitrobenzene	7.463	77	251829	47.187	ng	97
25) Isophorone	7.698	82	426033	51.951	ng	99
26) 2-Nitrophenol	7.775	139	114314	54.980	ng	91
27) 2,4-Dimethylphenol	7.810	122	172744m	62.985	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	245689	52.568	ng	98
29) 2,4-Dichlorophenol	8.016	162	176621	50.692	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	191980	47.289	ng	99
31) Naphthalene	8.181	128	638978	50.210	ng	100
32) Benzoic acid	7.934	122	119909	46.718	ng	91
33) 4-Chloroaniline	8.234	127	102201	26.251	ng	96
34) Hexachlorobutadiene	8.298	225	123247	44.685	ng	99
35) Caprolactam	8.598	113	63051m	58.828	ng	
36) 4-Chloro-3-methylphenol	8.716	107	202045	50.740	ng	97
37) 2-Methylnaphthalene	8.875	142	405357	50.182	ng	100
38) 1-Methylnaphthalene	8.969	142	379288	47.827	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	190278	48.648	ng	98
41) Hexachlorocyclopentadiene	9.022	237	231088	169.212	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	132351	52.011	ng	99

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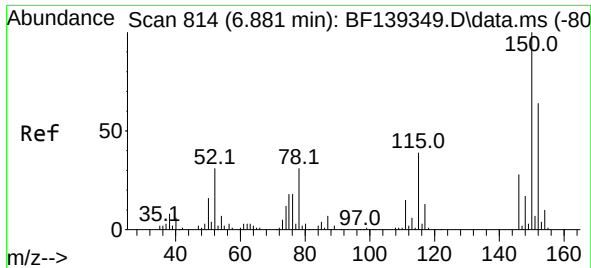
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138739	51.687	ng	97
46) 1,1'-Biphenyl	9.333	154	504180	49.657	ng	99
47) 2-Chloronaphthalene	9.363	162	383539	50.522	ng	99
48) 2-Nitroaniline	9.457	65	150875	53.433	ng	100
49) Acenaphthylene	9.775	152	636307	55.682	ng	99
50) Dimethylphthalate	9.639	163	452581	52.248	ng	100
51) 2,6-Dinitrotoluene	9.698	165	100505	52.376	ng	96
52) Acenaphthene	9.951	154	456813	57.276	ng	100
53) 3-Nitroaniline	9.869	138	75409	39.322	ng	92
54) 2,4-Dinitrophenol	9.980	184	117085	109.501	ng	# 84
55) Dibenzofuran	10.122	168	574416	51.673	ng	96
56) 4-Nitrophenol	10.033	139	159362	100.428	ng	# 84
57) 2,4-Dinitrotoluene	10.104	165	142062	54.836	ng	95
58) Fluorene	10.463	166	459032	50.610	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	118482	53.359	ng	96
60) Diethylphthalate	10.333	149	455967	51.009	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	216279	49.066	ng	95
62) 4-Nitroaniline	10.486	138	107500	51.362	ng	# 85
63) Azobenzene	10.616	77	460287	52.353	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	75217	56.175	ng	96
66) n-Nitrosodiphenylamine	10.575	169	393156	53.006	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	129987	51.704	ng	96
68) Hexachlorobenzene	11.010	284	145405	49.280	ng	99
69) Atrazine	11.098	200	123529	69.956	ng	99
70) Pentachlorophenol	11.204	266	164064	92.667	ng	98
71) Phenanthrene	11.427	178	652052	53.273	ng	100
72) Anthracene	11.480	178	662477	55.358	ng	100
73) Carbazole	11.633	167	586109	51.172	ng	99
74) Di-n-butylphthalate	11.957	149	654618	51.306	ng	100
75) Fluoranthene	12.610	202	615961	47.124	ng	98
77) Benzidine	12.733	184	152485	86.658	ng	99
78) Pyrene	12.839	202	613460	58.173	ng	100
80) Butylbenzylphthalate	13.457	149	187232	52.161	ng	98
81) Benzo(a)anthracene	14.027	228	439951	54.079	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	110036	46.186	ng	98
83) Chrysene	14.063	228	409097	54.659	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	224510	49.167	ng	100
85) Di-n-octyl phthalate	14.627	149	363397	54.038	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	490243	58.233	ng	96
88) Benzo(b)fluoranthene	15.080	252	416602	47.712	ng	99
89) Benzo(k)fluoranthene	15.110	252	426128m	52.930	ng	
90) Benzo(a)pyrene	15.451	252	413129	57.050	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	391503	56.278	ng	98
92) Benzo(g,h,i)perylene	17.439	276	366776	53.250	ng	# 97

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



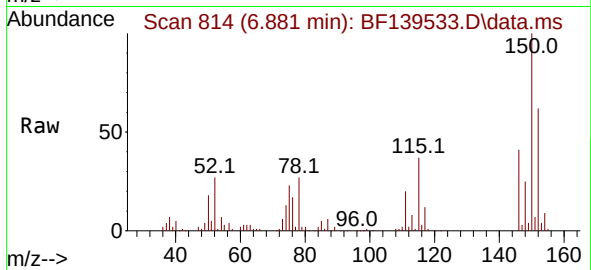
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139533.D
 Acq: 25 Sep 2024 17:08

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PB163665BS

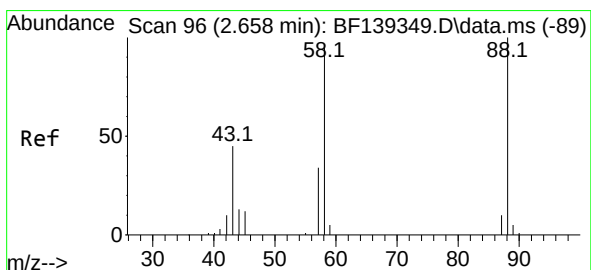
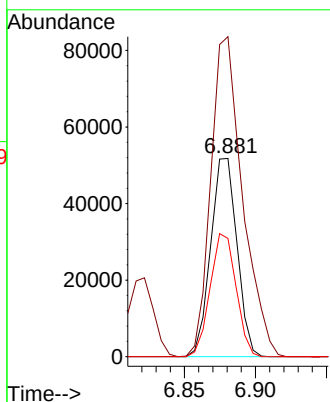
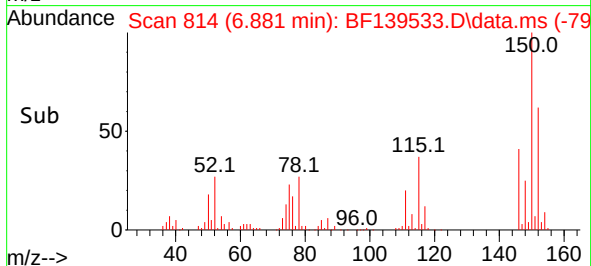


Tgt Ion:152 Resp: 66799
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.1 186.1
 115 59.6 48.1 72.1

Manual Integrations

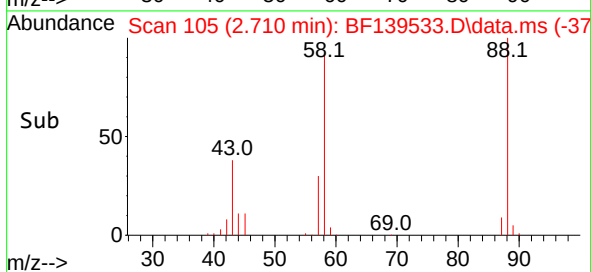
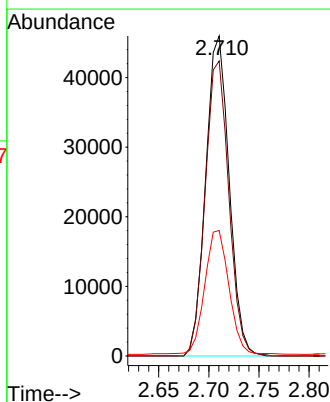
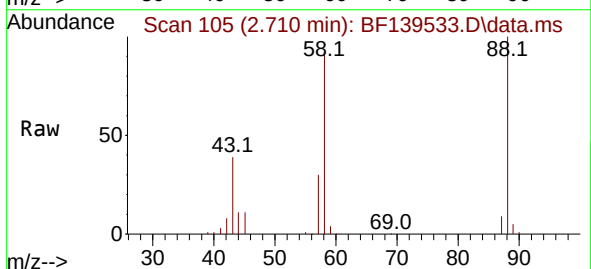
APPROVED

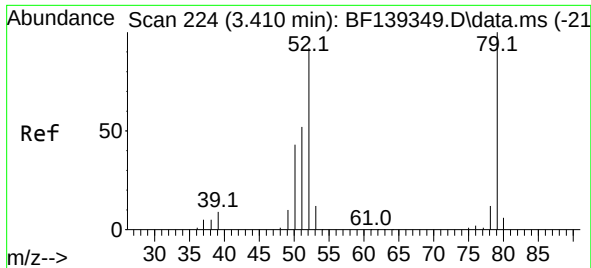
Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



#2
 1,4-Dioxane
 Concen: 45.675 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.053 min
 Lab File: BF139533.D
 Acq: 25 Sep 2024 17:08

Tgt Ion: 88 Resp: 75035
 Ion Ratio Lower Upper
 88 100
 58 92.7 74.8 112.2
 43 40.4 36.4 54.6





#3

Pyridine

Concen: 54.882 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion: 79 Resp: 19878

Ion Ratio Lower Upper

79 100

52 91.5 73.8 110.8

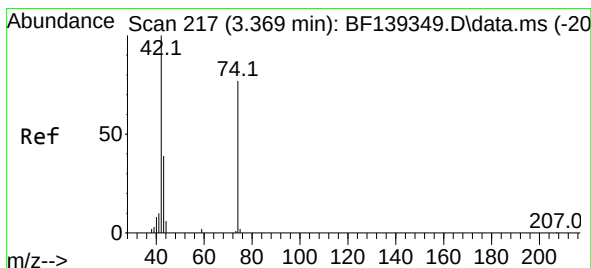
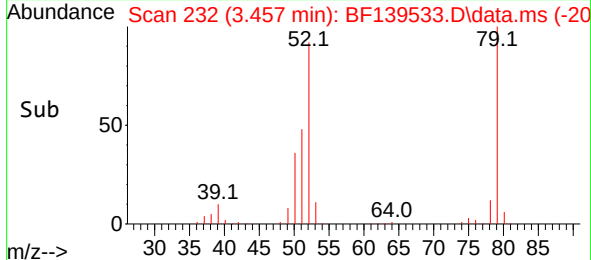
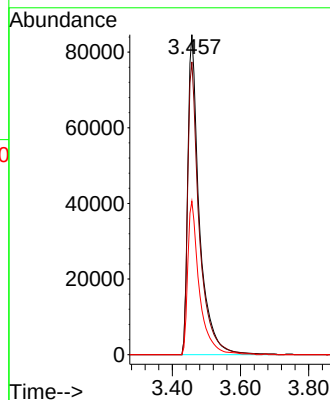
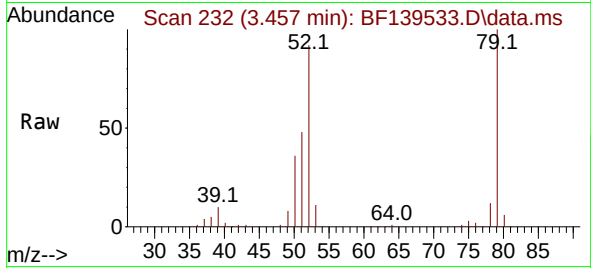
51 47.9 41.8 62.6

Manual Integrations

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Supervised By :mohammad ahmed 09/27/2024



#4

n-Nitrosodimethylamine

Concen: 46.227 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.047 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

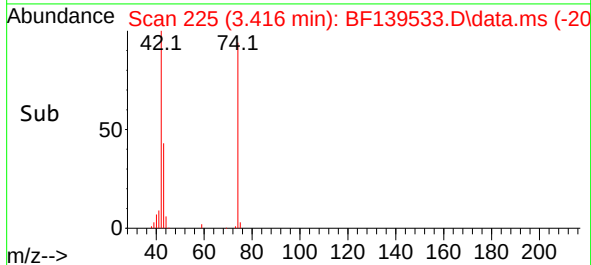
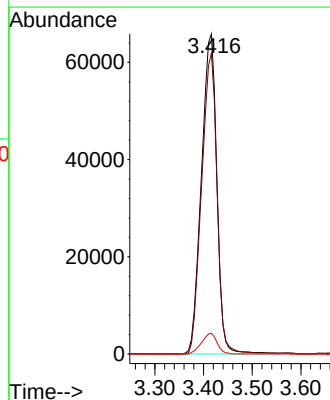
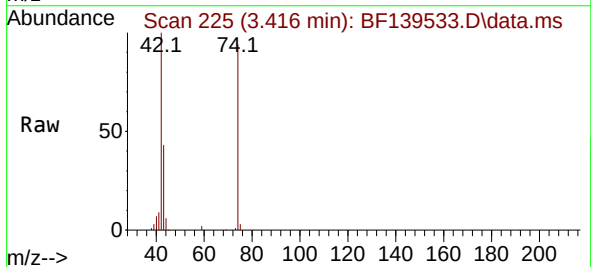
Tgt Ion: 42 Resp: 145124

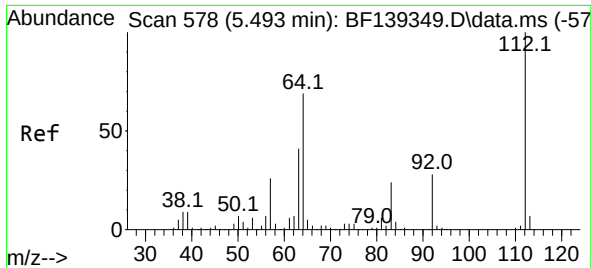
Ion Ratio Lower Upper

42 100

74 94.0 61.8 92.8

44 6.4 4.8 7.2





#5
2-Fluorophenol
Concen: 147.103 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

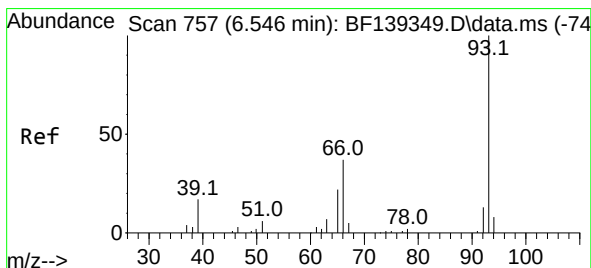
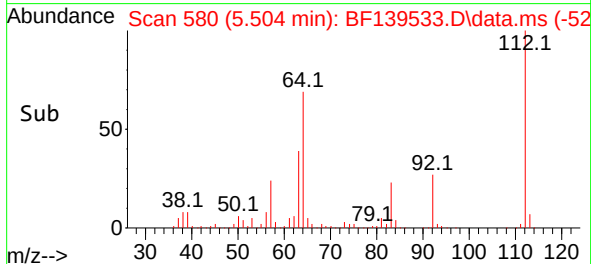
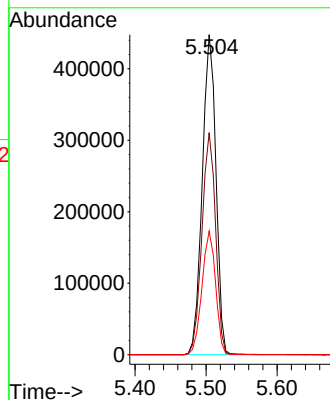
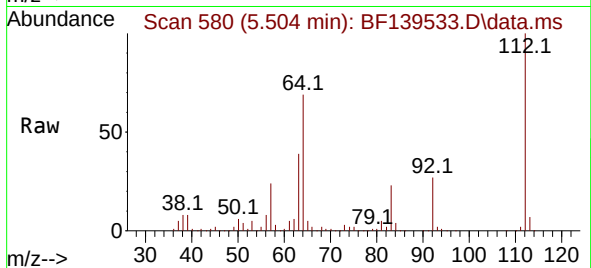
PB163665BS

Tgt Ion:112 Resp: 60234
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 38.6 33.0 49.4

Manual Integrations

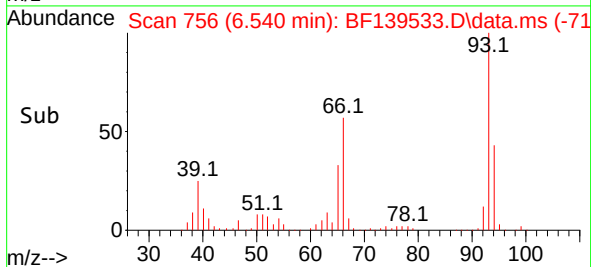
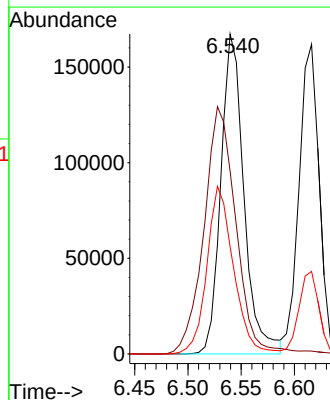
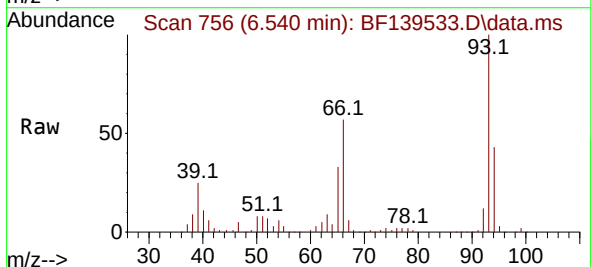
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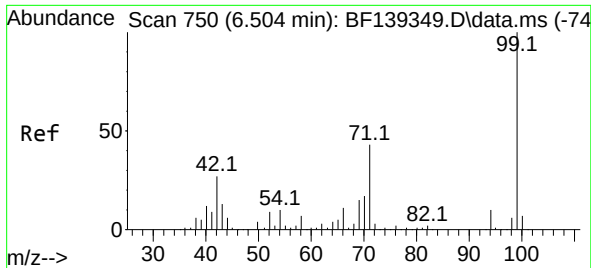
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#6
Aniline
Concen: 62.077 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

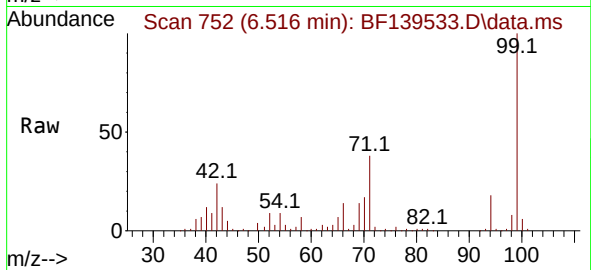
Tgt Ion: 93 Resp: 251783
Ion Ratio Lower Upper
93 100
66 57.1 35.4 53.0#
65 33.5 18.2 27.4#





#7
Phenol-d6
Concen: 145.084 ng
RT: 6.516 min Scan# 715
Delta R.T. 0.012 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

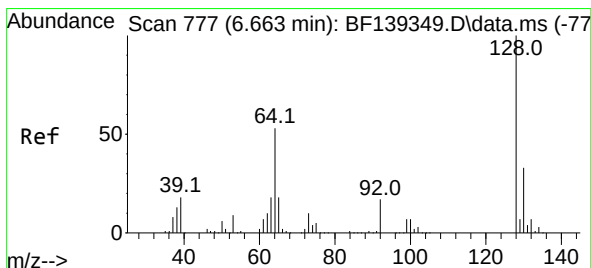
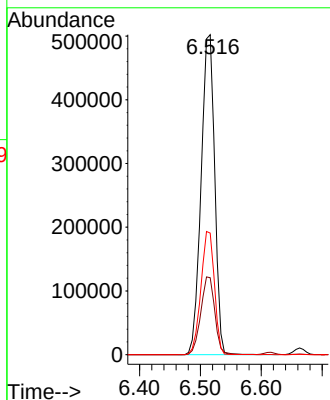
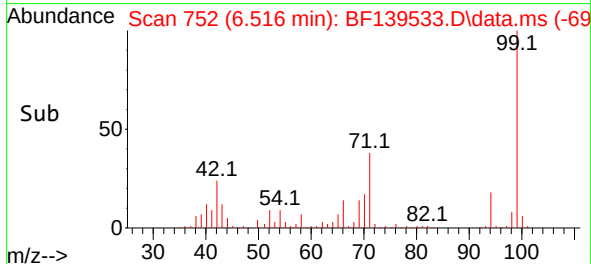
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Tgt Ion: 99 Resp: 77976
Ion Ratio Lower Upper
99 100
42 24.1 21.9 32.9
71 38.0 34.6 52.0

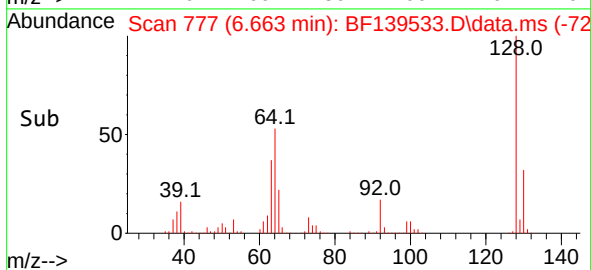
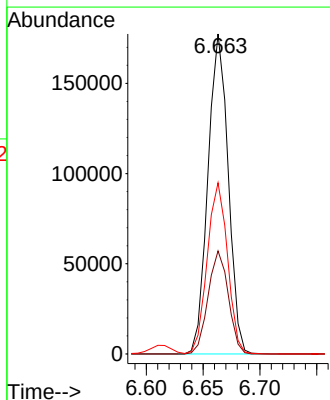
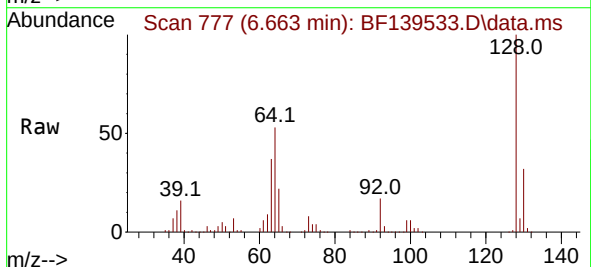
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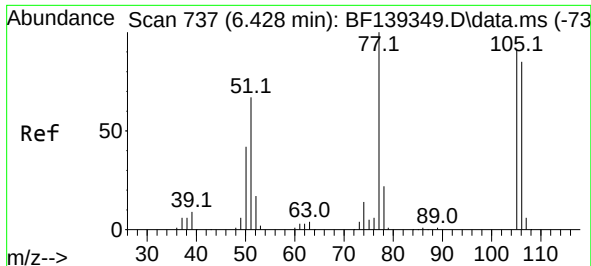
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#8
2-Chlorophenol
Concen: 52.175 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139533.D
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Tgt Ion:128 Resp: 219917
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 53.5 35.1 75.1





#9

Benzaldehyde

Concen: 10.310 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

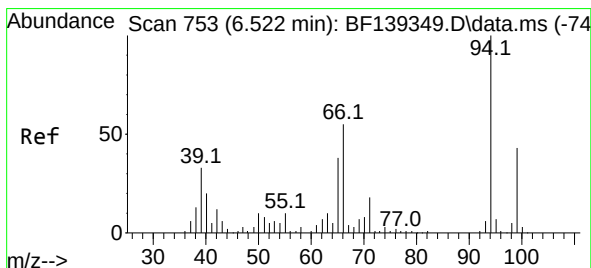
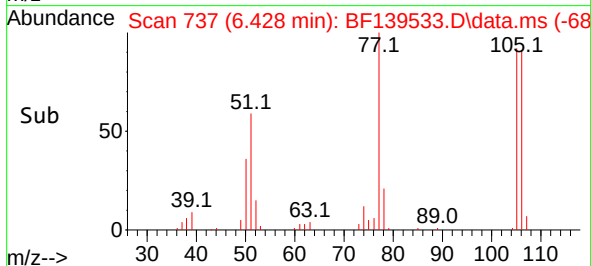
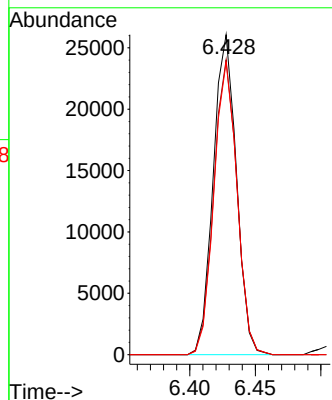
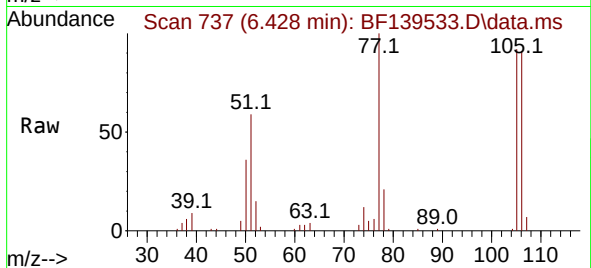
Tgt Ion: 77	Resp: 3201
Ion Ratio	Lower Upper
77 100	
105 92.2	71.0 111.0
106 91.4	64.9 104.9

Manual Integrations

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Supervised By :mohammad ahmed 09/27/2024



#10

Phenol

Concen: 51.973 ng

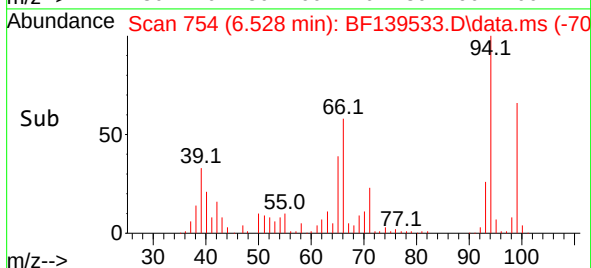
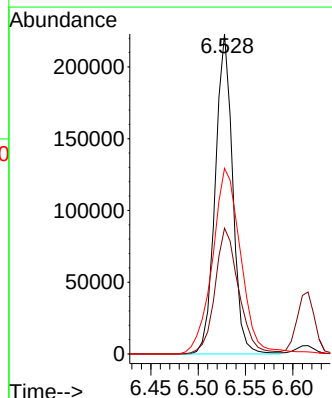
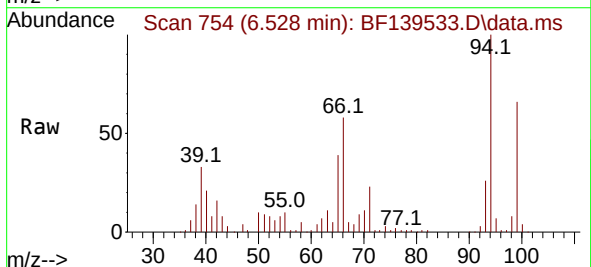
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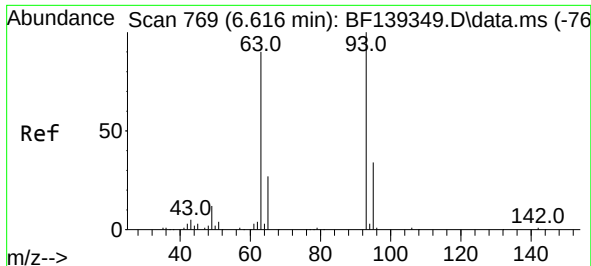
Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Tgt Ion: 94	Resp: 284500
Ion Ratio	Lower Upper
94 100	
65 39.3	17.6 57.6
66 58.0	35.2 75.2





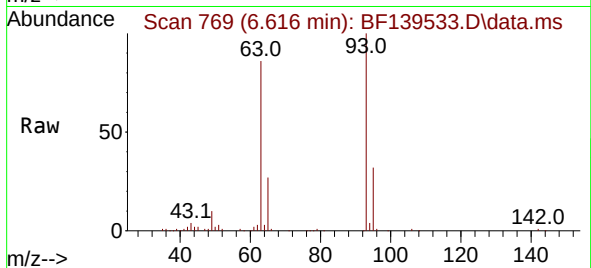
#11
bis(2-Chloroethyl)ether
Concen: 50.769 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

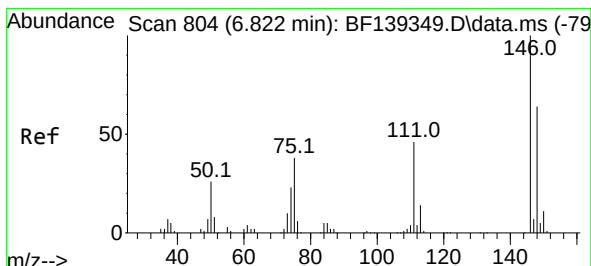
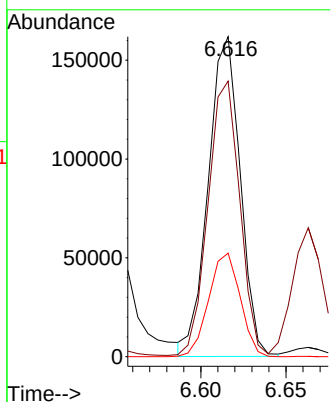
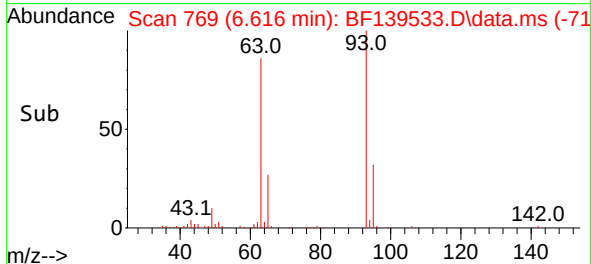
PB163665BS



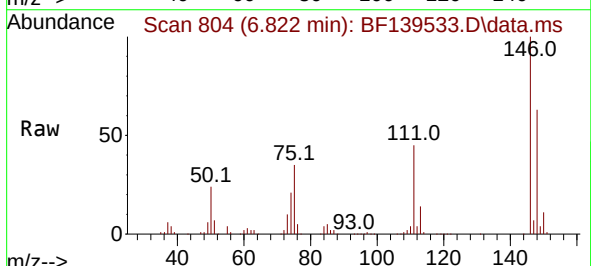
Tgt Ion: 93 Resp: 211224
Ion Ratio Lower Upper
93 100
63 86.1 65.3 105.3
95 32.4 12.4 52.4

Manual Integrations
APPROVED

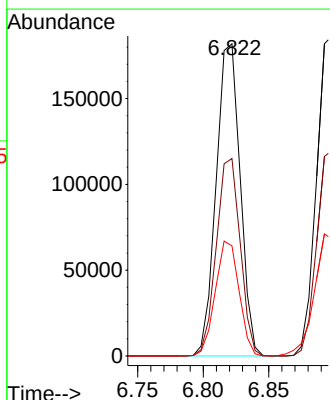
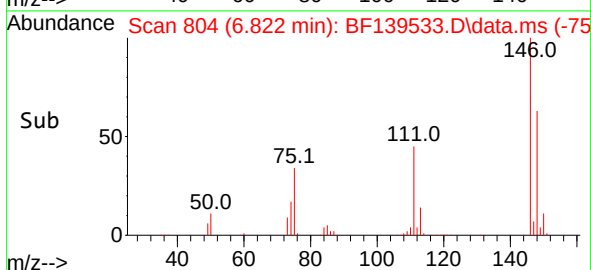
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

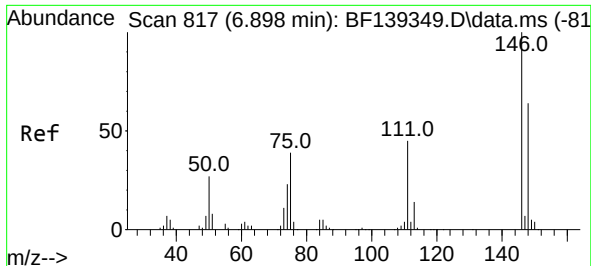


#12
1,3-Dichlorobenzene
Concen: 48.311 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



Tgt Ion:146 Resp: 231585
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 35.3 30.6 46.0





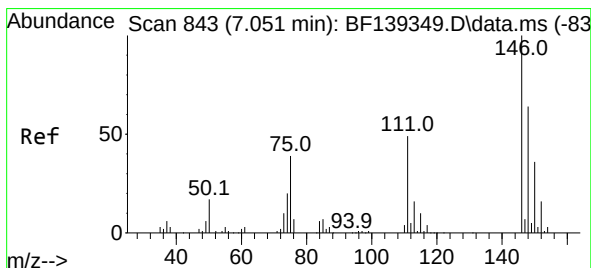
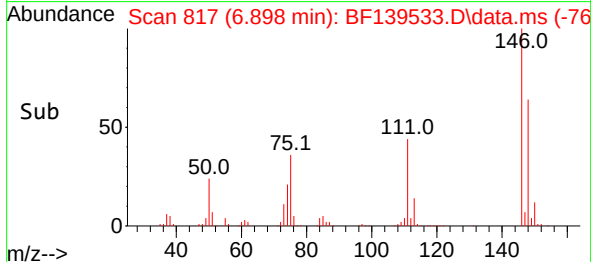
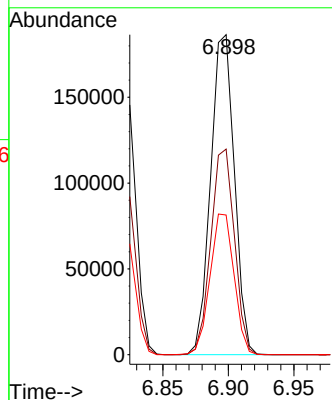
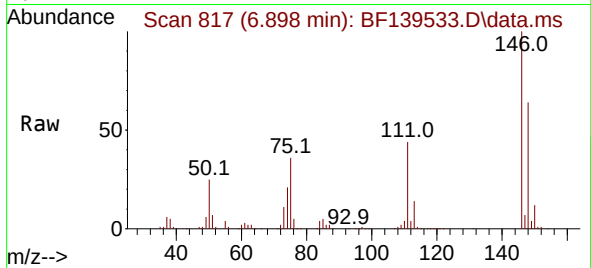
#13
1,4-Dichlorobenzene
Concen: 48.548 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :
BNA_F
ClientSampleId :
PB163665BS

Tgt Ion:146 Resp: 235174
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 43.7 36.3 54.5

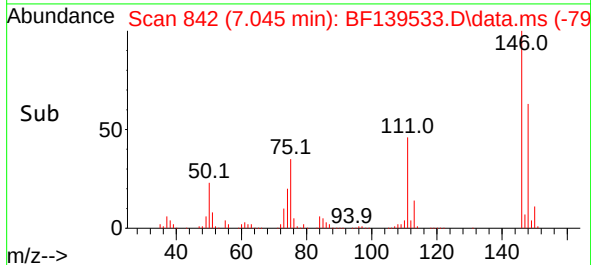
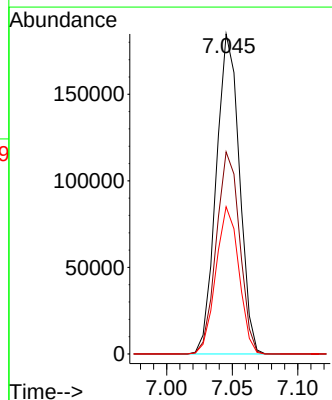
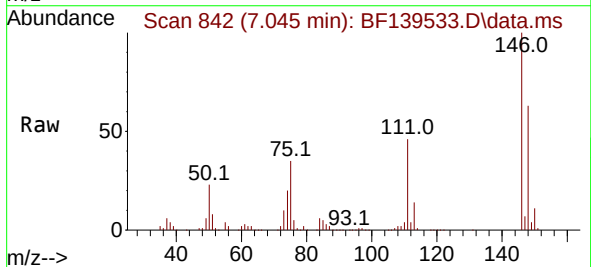
Manual Integrations
APPROVED

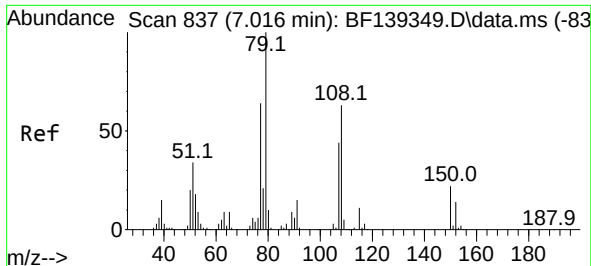
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#14
1,2-Dichlorobenzene
Concen: 49.665 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

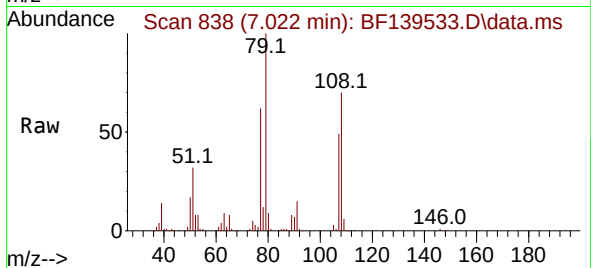
Tgt Ion:146 Resp: 227331
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
111 46.0 38.9 58.3





#15
Benzyl Alcohol
Concen: 47.861 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

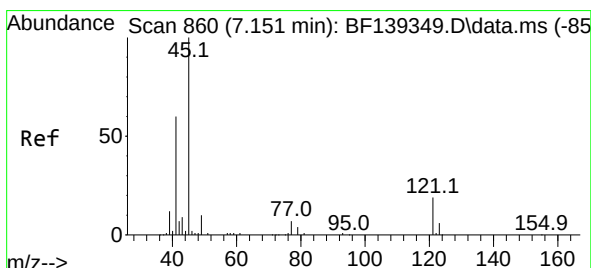
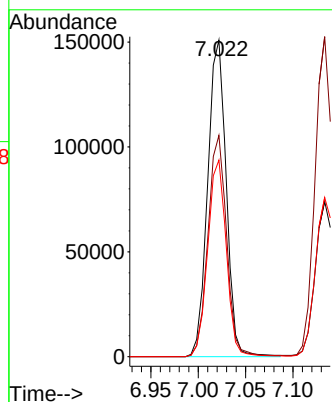
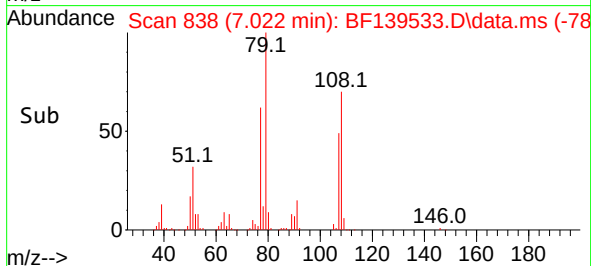
Instrument :
BNA_F
ClientSampleId :
PB163665BS



Tgt Ion: 79 Resp: 205220
Ion Ratio Lower Upper
79 100
108 69.9 50.4 75.6
77 62.1 51.4 77.2

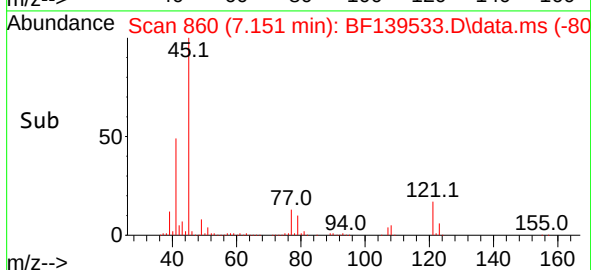
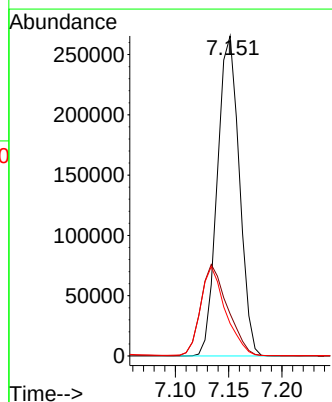
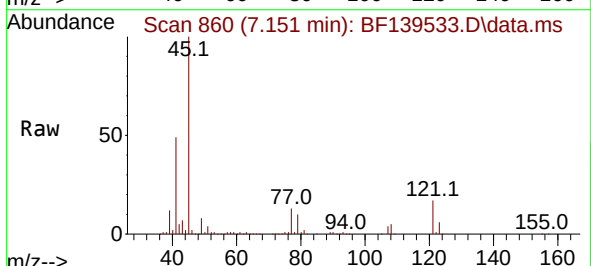
Manual Integrations
APPROVED

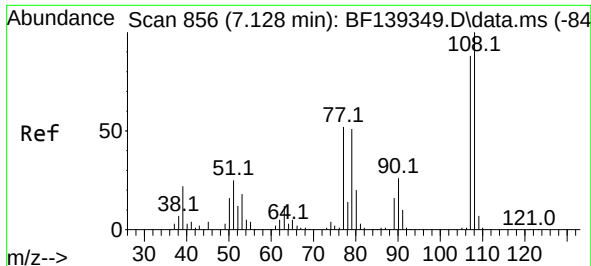
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.229 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion: 45 Resp: 379769
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.0
79 10.1 0.0 29.1





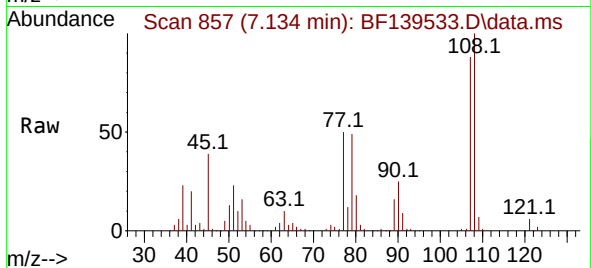
#17
2-Methylphenol
Concen: 52.050 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

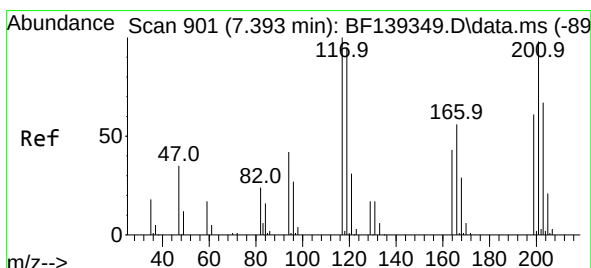
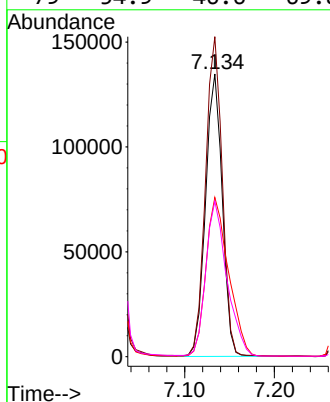
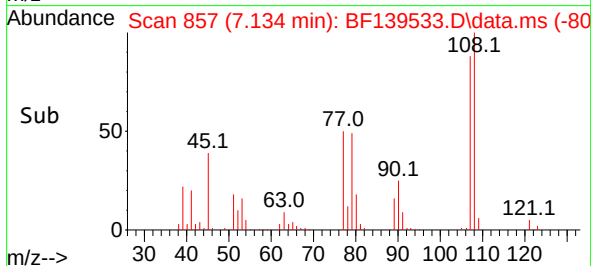


Tgt Ion:107 Resp: 174309
Ion Ratio Lower Upper
107 100
108 113.2 90.5 135.7
77 56.3 47.1 70.7
79 54.9 46.6 69.8

Manual Integrations

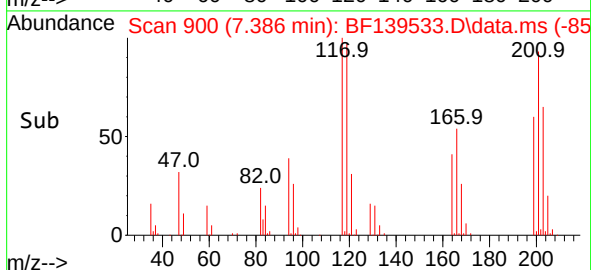
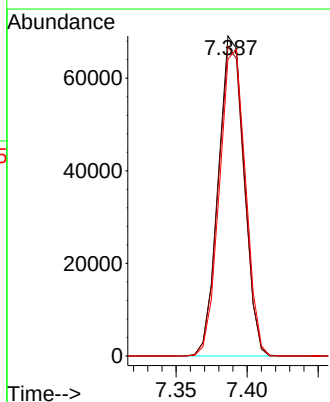
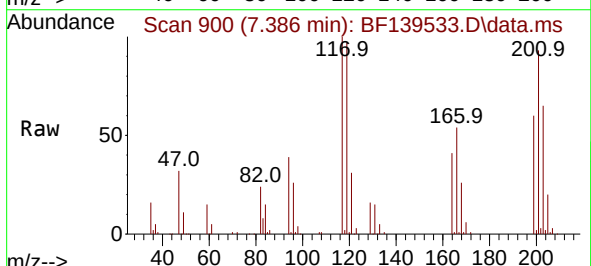
APPROVED

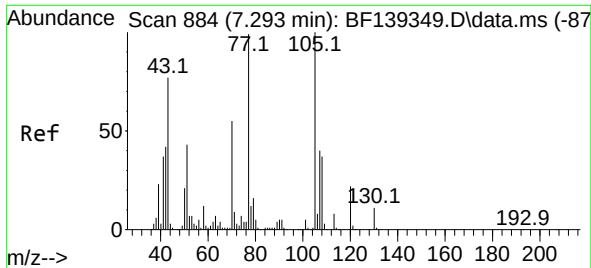
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#18
Hexachloroethane
Concen: 47.383 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:117 Resp: 87424
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 92.8 78.6 118.0





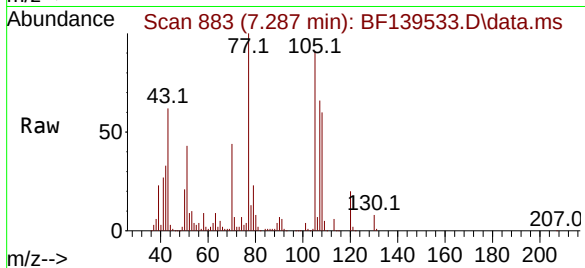
#19
n-Nitroso-di-n-propylamine
Concen: 50.019 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



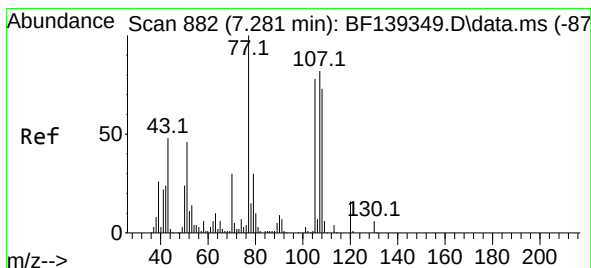
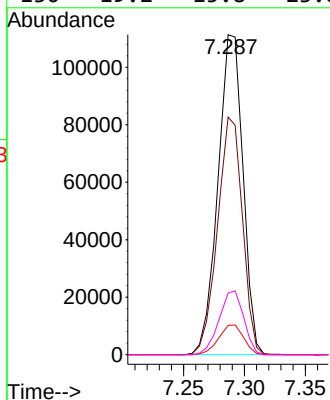
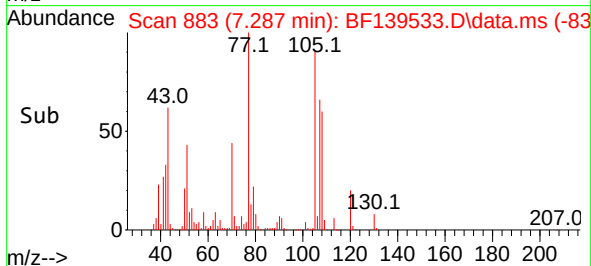
Tgt Ion: 70 Resp: 15930
Ion Ratio Lower Upper
70 100
42 74.3 61.2 91.8
101 9.1 7.5 11.3
130 19.2 15.8 23.8

Manual Integrations

APPROVED

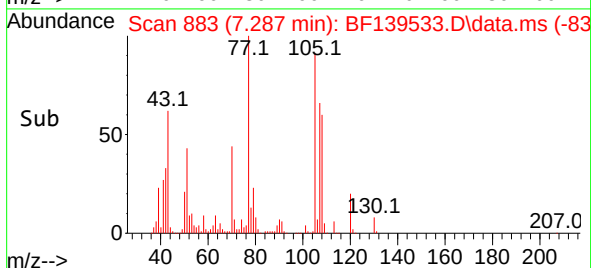
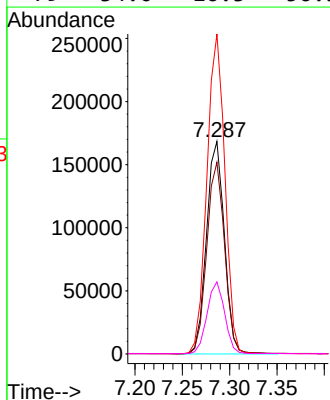
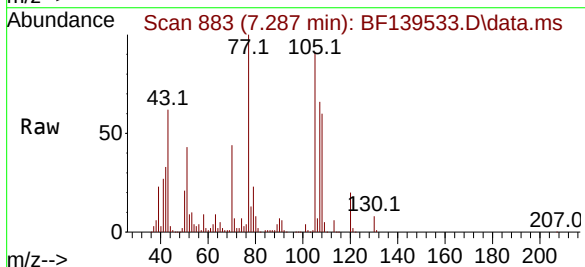
Reviewed By :Yogesh Patel 09/26/2024

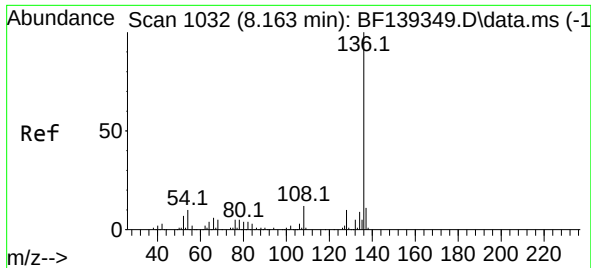
Supervised By :mohammad ahmed 09/27/2024



#20
3+4-Methylphenols
Concen: 48.520 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:107 Resp: 221682
Ion Ratio Lower Upper
107 100
108 90.2 68.6 108.6
77 150.6 101.6 141.6#
79 34.0 16.3 56.3





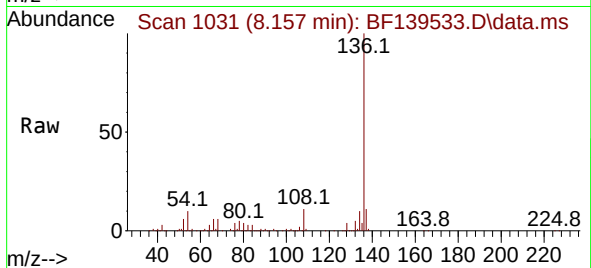
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



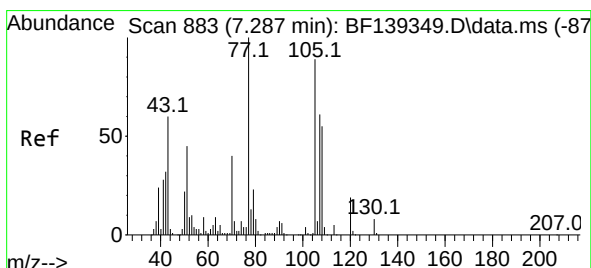
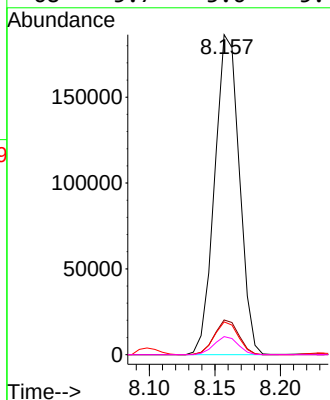
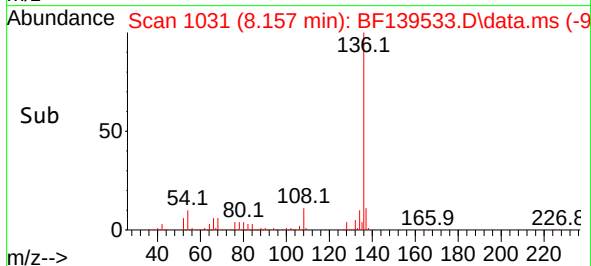
Tgt Ion:136 Resp: 243770
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.2 7.8 11.8
68 5.7 3.6 5.4#

Manual Integrations

APPROVED

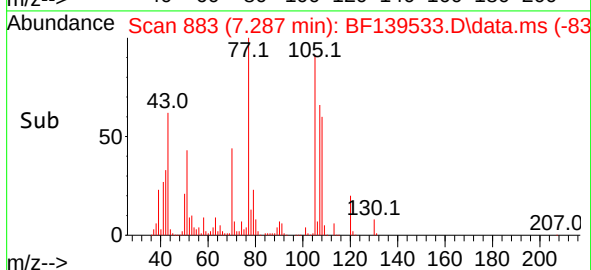
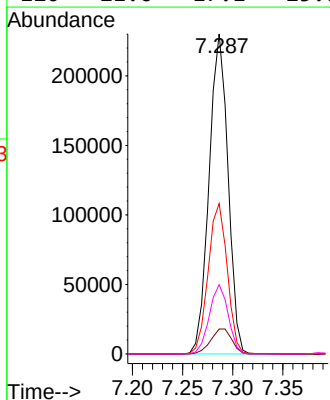
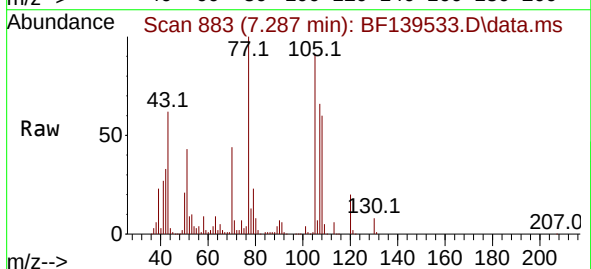
Reviewed By :Yogesh Patel 09/26/2024

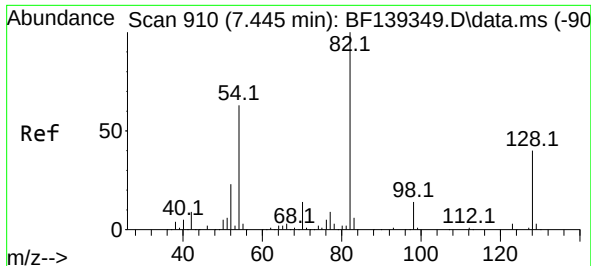
Supervised By :mohammad ahmed 09/27/2024



#22
Acetophenone
Concen: 47.459 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:105 Resp: 302448
Ion Ratio Lower Upper
105 100
71 7.8 5.9 8.9
51 47.0 40.0 60.0
120 21.6 17.1 25.7





#23

Nitrobenzene-d5

Concen: 99.894 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion: 82 Resp: 51798

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

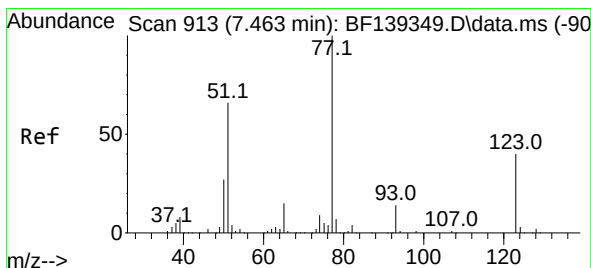
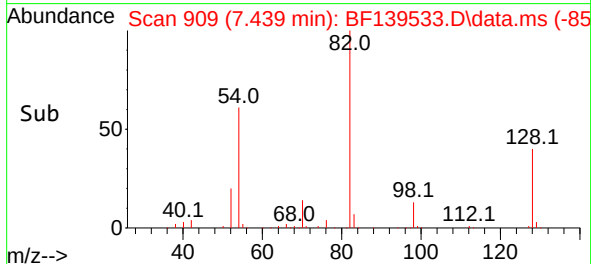
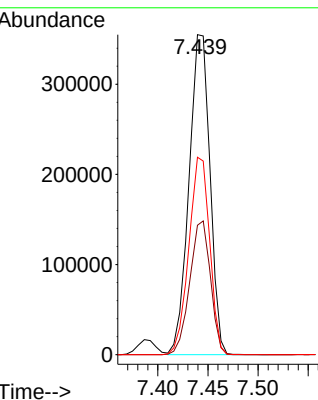
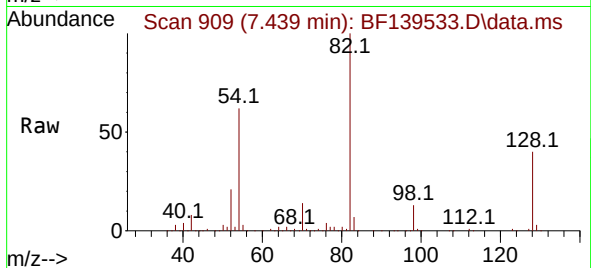
54 61.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#24

Nitrobenzene

Concen: 47.187 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

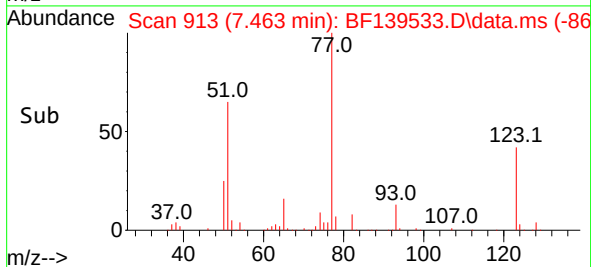
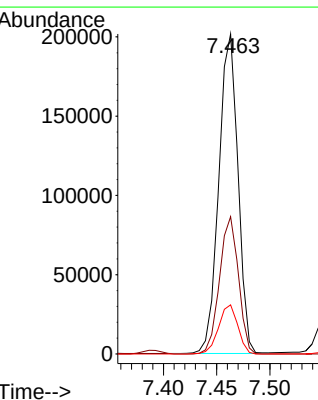
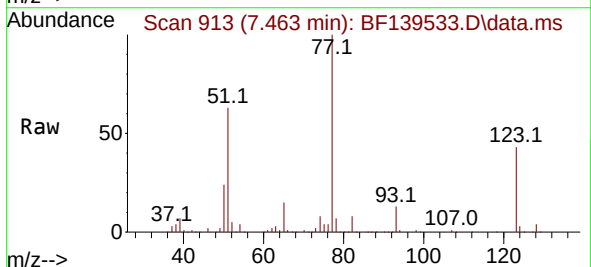
Tgt Ion: 77 Resp: 251829

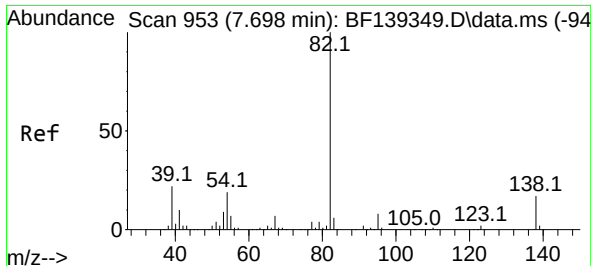
Ion Ratio Lower Upper

77 100

123 42.9 32.2 48.4

65 15.3 12.2 18.4





#25
Isophorone
Concen: 51.951 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

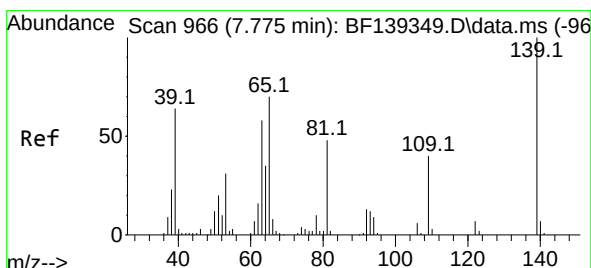
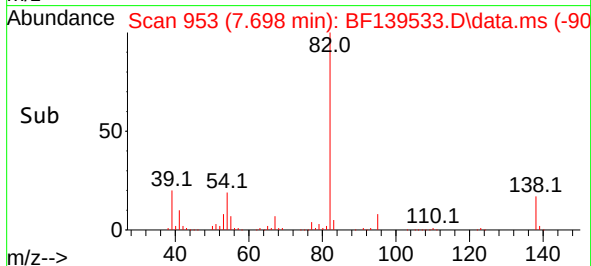
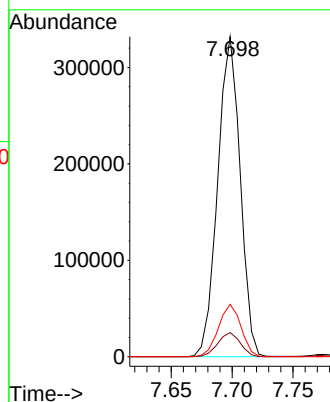
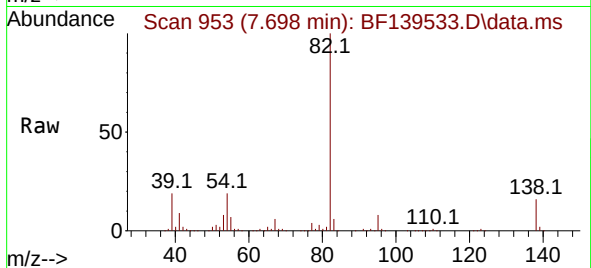
ClientSampleId :

PB163665BS

Tgt Ion: 82 Resp: 42603
Ion Ratio Lower Upper
82 100
95 7.5 6.7 10.1
138 16.4 13.3 19.9

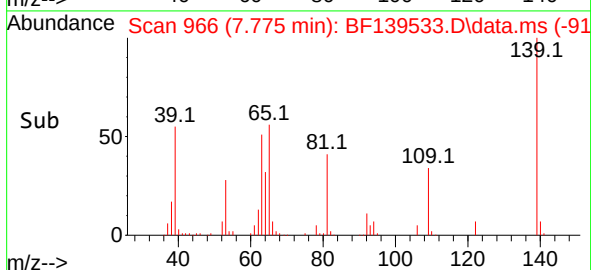
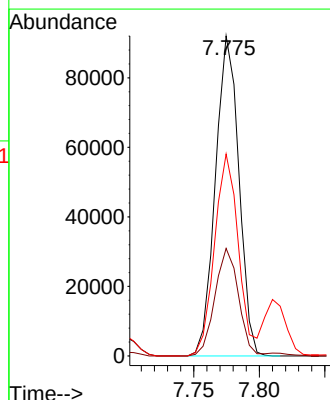
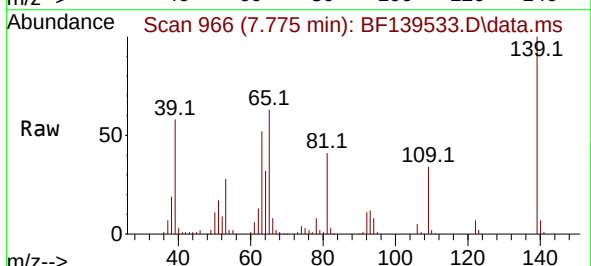
Manual Integrations
APPROVED

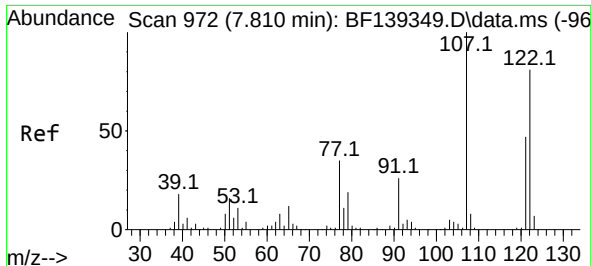
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#26
2-Nitrophenol
Concen: 54.980 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:139 Resp: 114314
Ion Ratio Lower Upper
139 100
109 33.6 32.2 48.2
65 63.1 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 62.985 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion:122 Resp: 172744

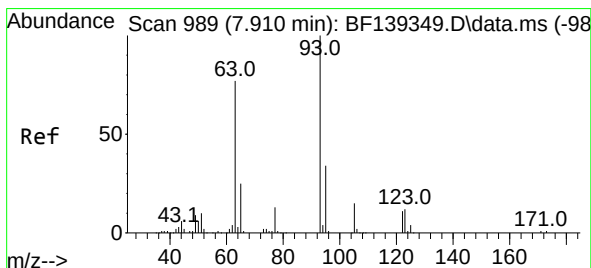
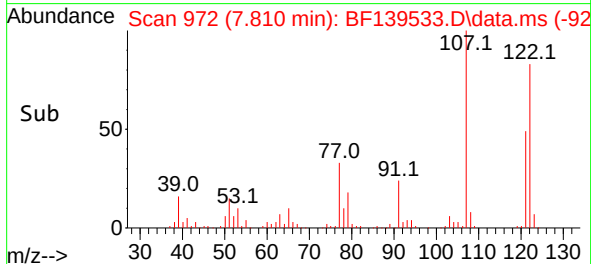
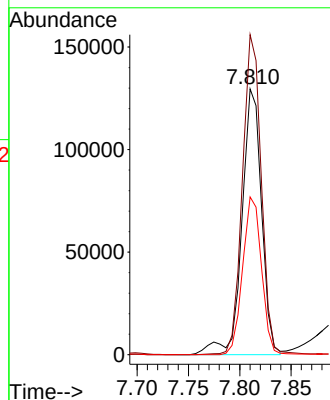
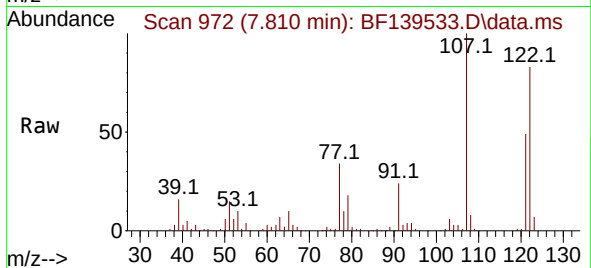
Ion	Ratio	Lower	Upper
122	100		
107	120.4	99.1	148.7
121	59.4	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 52.568 ng

RT: 7.910 min Scan# 989

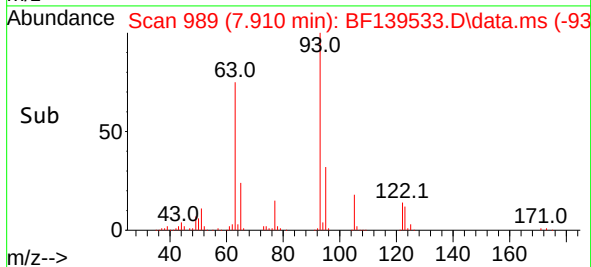
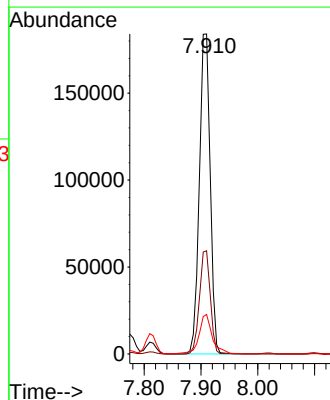
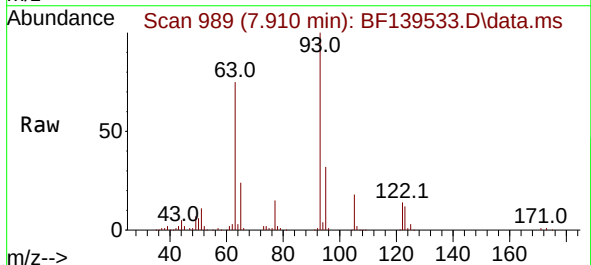
Delta R.T. -0.000 min

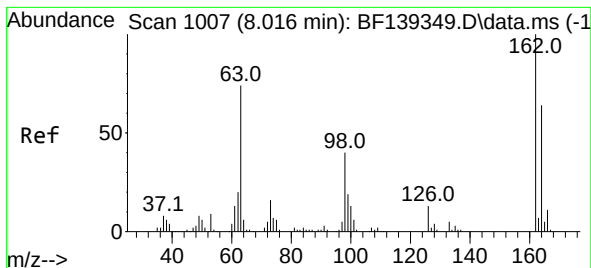
Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Tgt Ion: 93 Resp: 245689

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.9	40.3
123	12.3	10.0	15.0





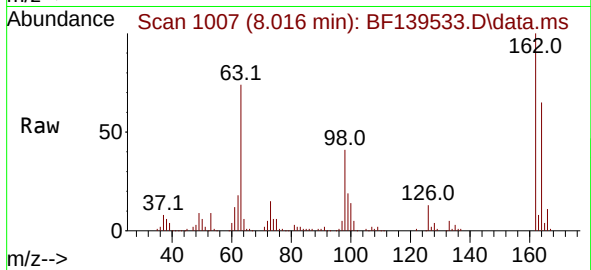
#29
2,4-Dichlorophenol
Concen: 50.692 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



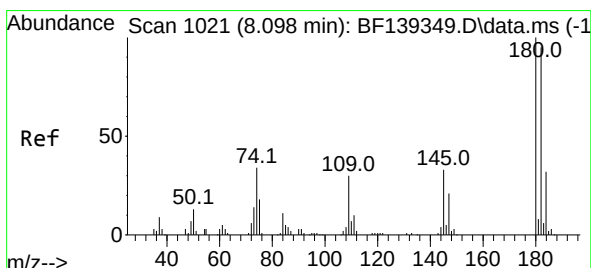
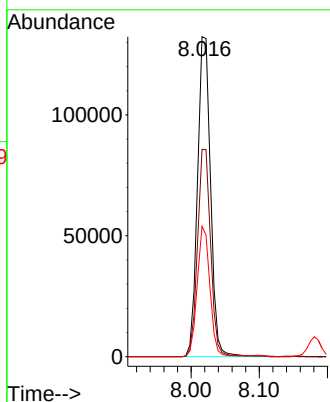
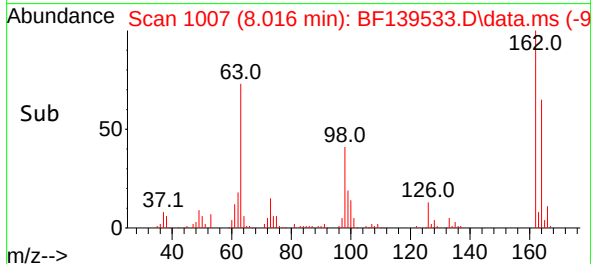
Tgt Ion:162 Resp: 17662
Ion Ratio Lower Upper
162 100
164 64.8 43.6 83.6
98 40.7 19.7 59.7

Manual Integrations

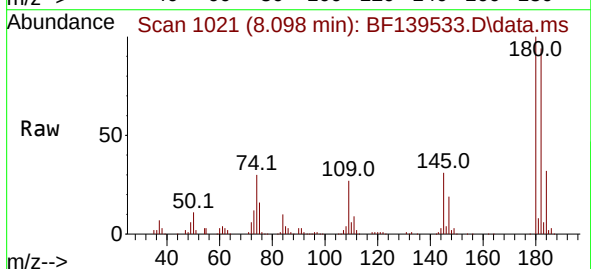
APPROVED

Reviewed By :Yogesh Patel 09/26/2024

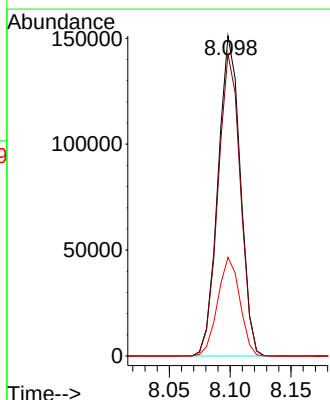
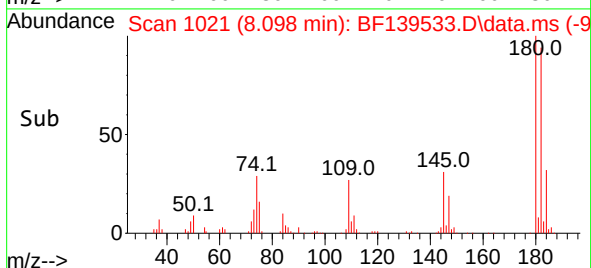
Supervised By :mohammad ahmed 09/27/2024

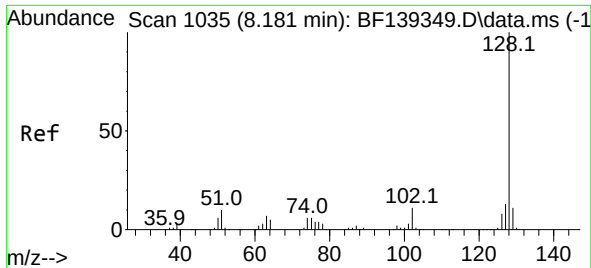


#30
1,2,4-Trichlorobenzene
Concen: 47.289 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



Tgt Ion:180 Resp: 191980
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 30.8 26.5 39.7





#31
Naphthalene
Concen: 50.210 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

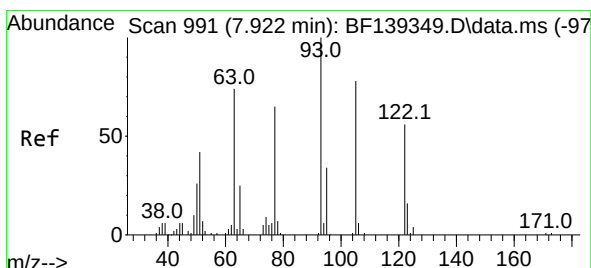
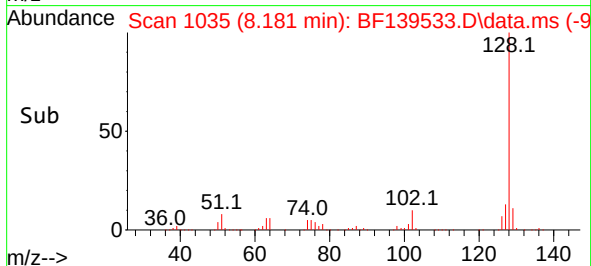
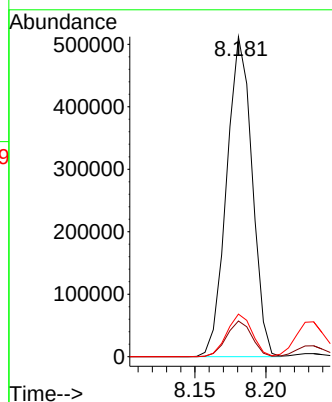
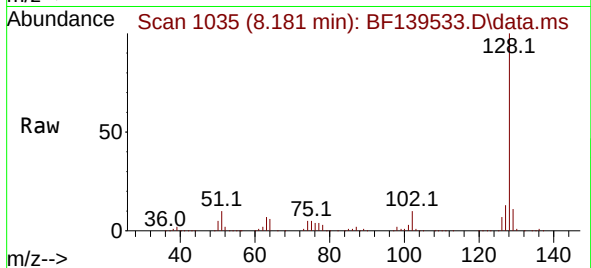
PB163665BS

Tgt Ion:128 Resp: 638978
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.6 16.0

Manual Integrations

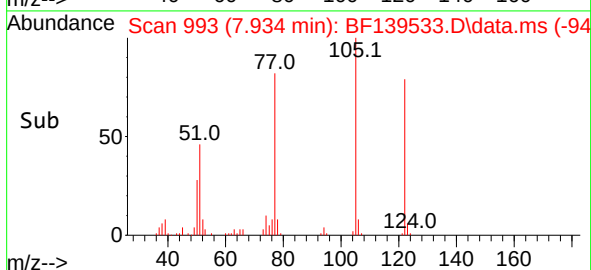
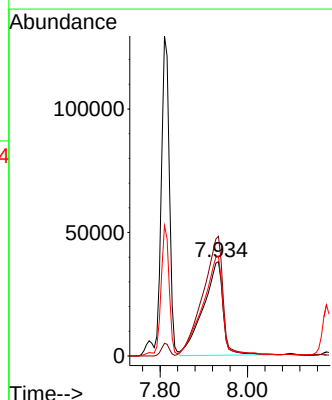
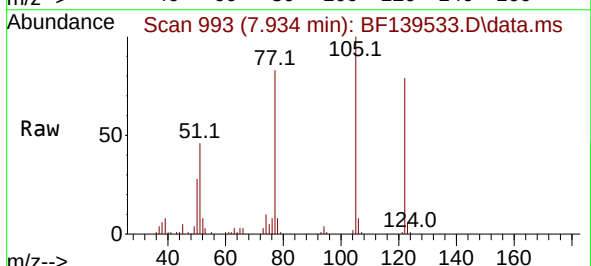
APPROVED

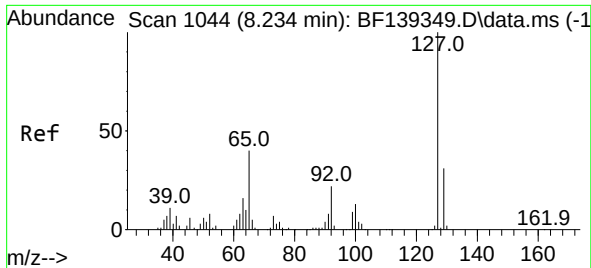
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#32
Benzoic acid
Concen: 46.718 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:122 Resp: 119909
Ion Ratio Lower Upper
122 100
105 127.0 117.1 157.1
77 105.4 95.4 135.4





#33
4-Chloroaniline
Concen: 26.251 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

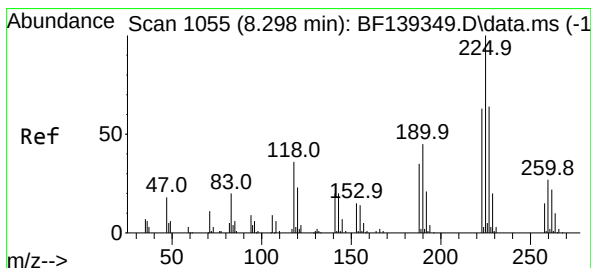
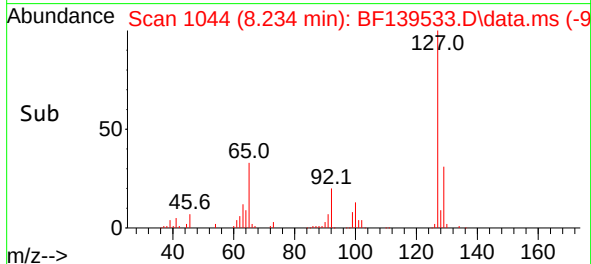
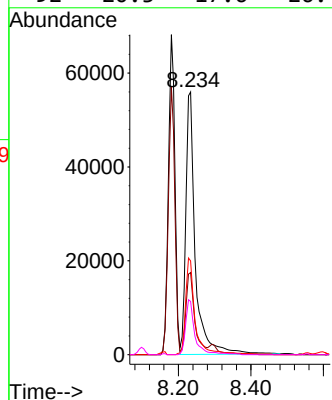
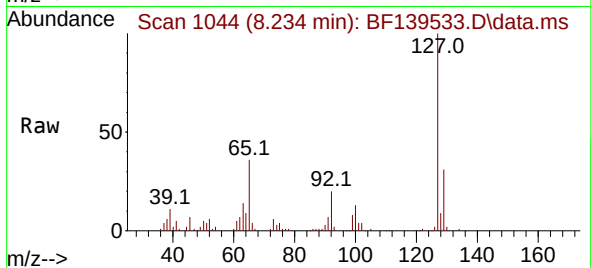
PB163665BS

Tgt Ion:127 Resp: 10220
Ion Ratio Lower Upper
127 100
129 31.3 25.5 38.3
65 35.7 31.5 47.3
92 20.3 17.6 26.4

Manual Integrations

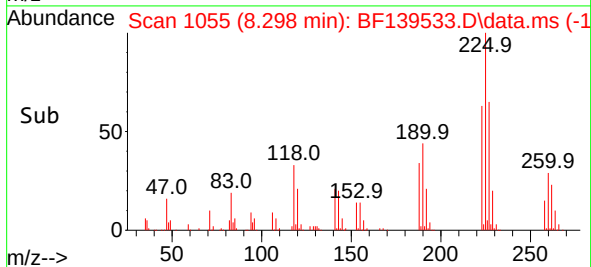
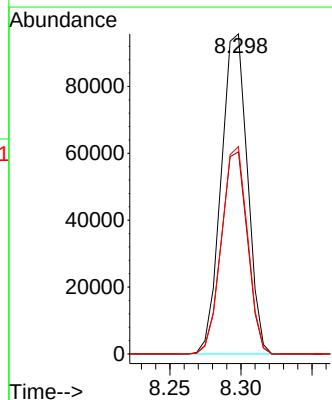
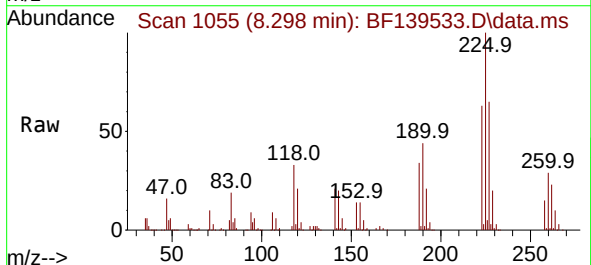
APPROVED

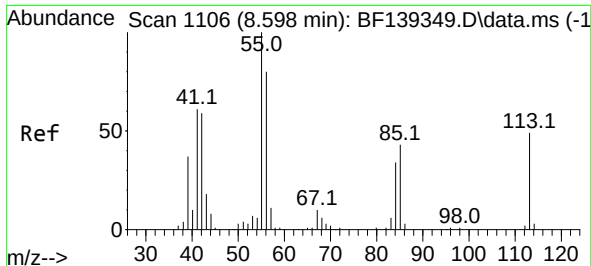
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#34
Hexachlorobutadiene
Concen: 44.685 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:225 Resp: 123247
Ion Ratio Lower Upper
225 100
223 63.1 50.1 75.1
227 64.8 51.0 76.6





#35
Caprolactam
Concen: 58.828 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

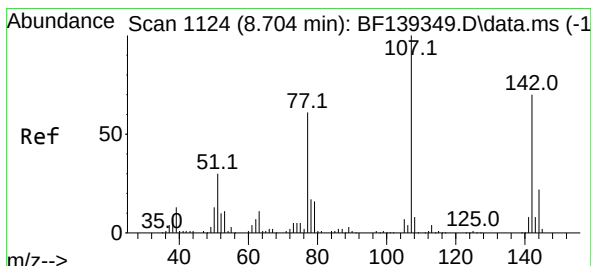
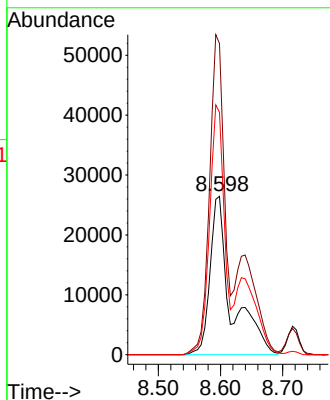
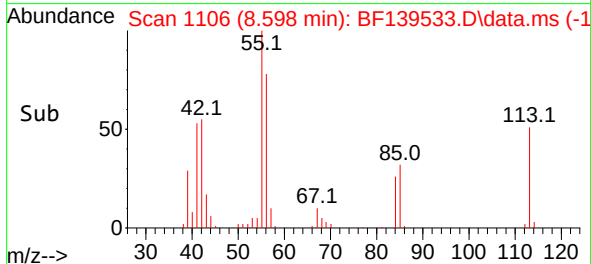
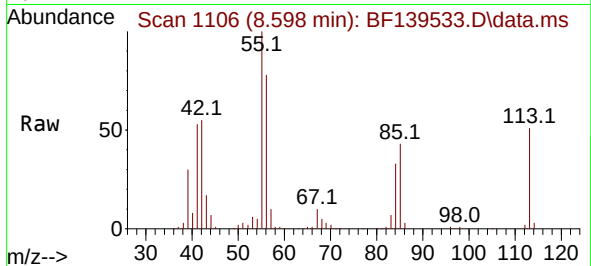
ClientSampleId :

PB163665BS

Tgt Ion:113 Resp: 6305
Ion Ratio Lower Upper
113 100
55 196.5 186.1 226.1
56 153.0 144.9 184.9

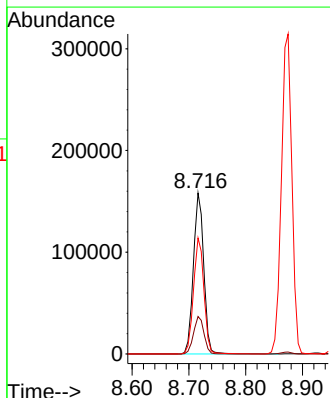
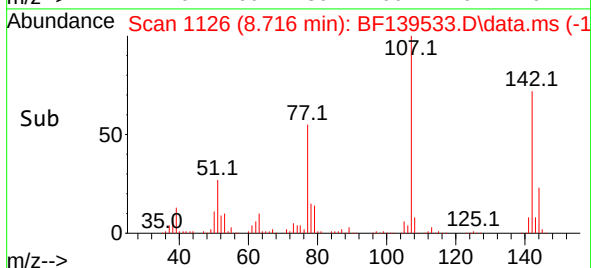
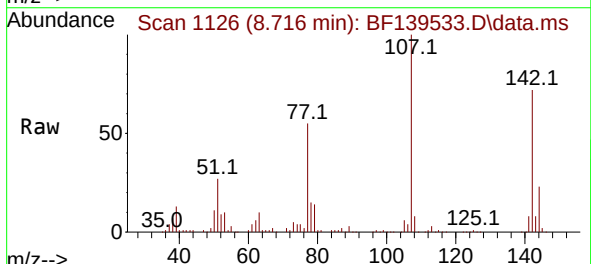
Manual Integrations
APPROVED

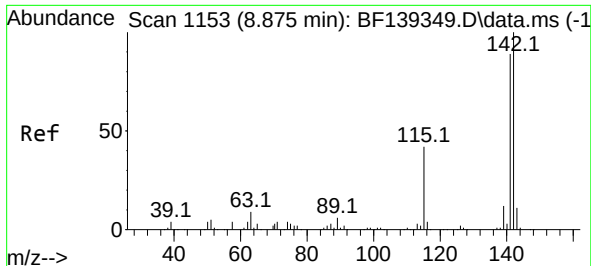
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#36
4-Chloro-3-methylphenol
Concen: 50.740 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:107 Resp: 202045
Ion Ratio Lower Upper
107 100
144 23.3 17.5 26.3
142 72.0 55.8 83.8





#37

2-Methylnaphthalene

Concen: 50.182 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion:142 Resp: 40535

Ion Ratio Lower Upper

142 100

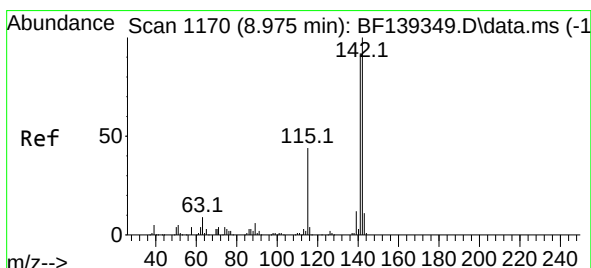
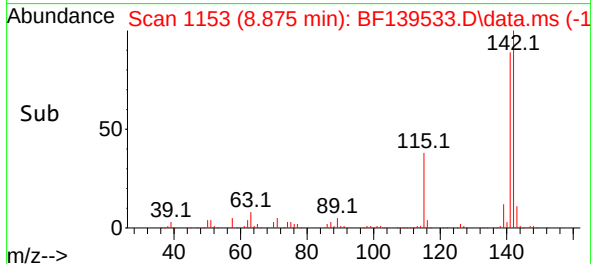
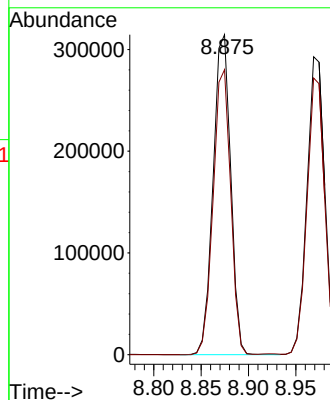
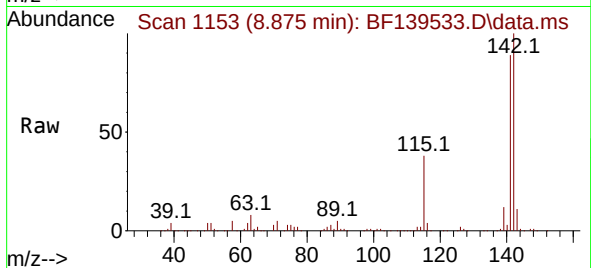
141 89.0 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#38

1-Methylnaphthalene

Concen: 47.827 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139533.D

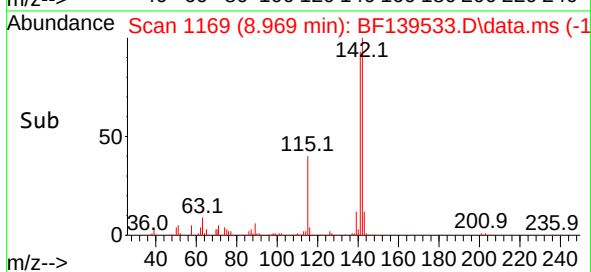
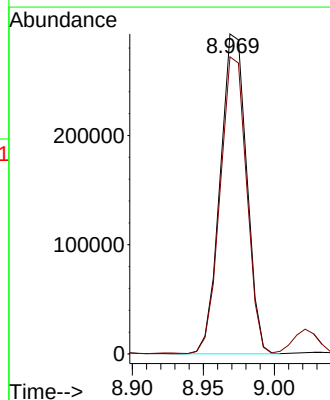
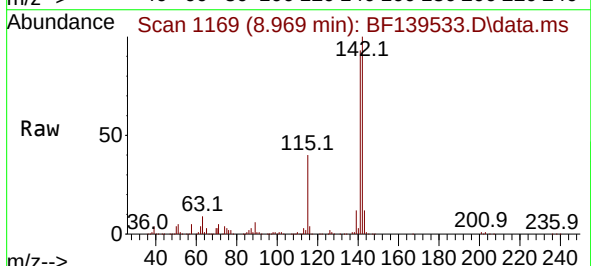
Acq: 25 Sep 2024 17:08

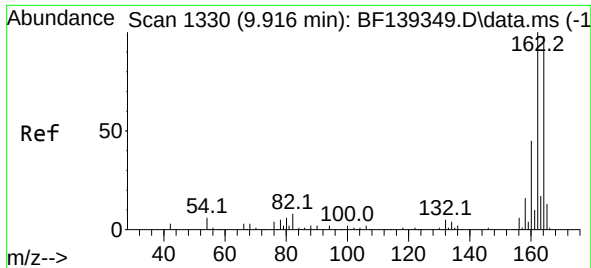
Tgt Ion:142 Resp: 379288

Ion Ratio Lower Upper

142 100

141 92.8 73.2 109.8





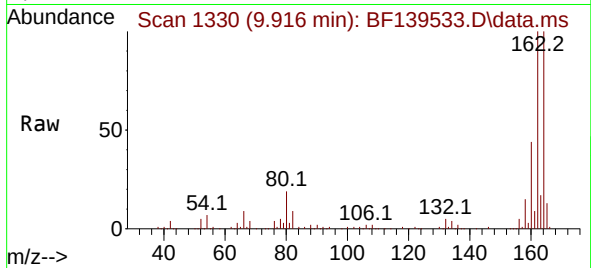
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



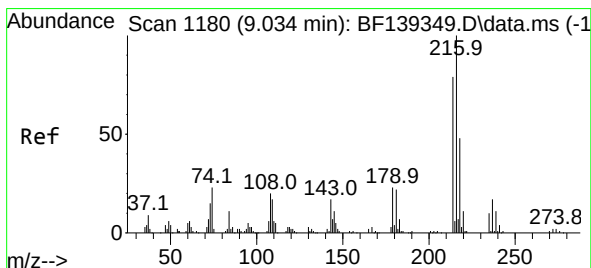
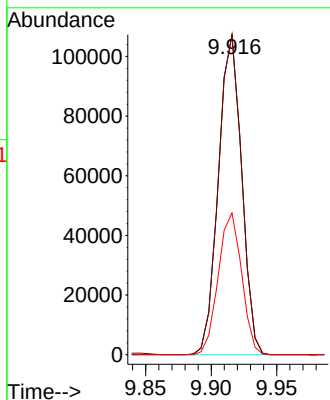
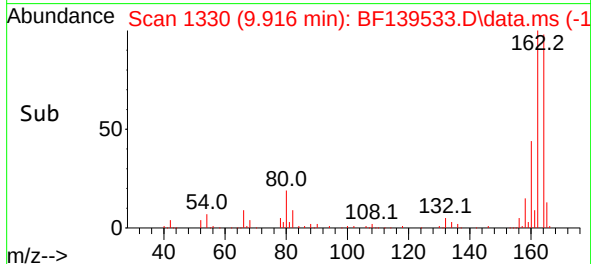
Tgt Ion:164 Resp: 131978
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 44.3 36.4 54.6

Manual Integrations

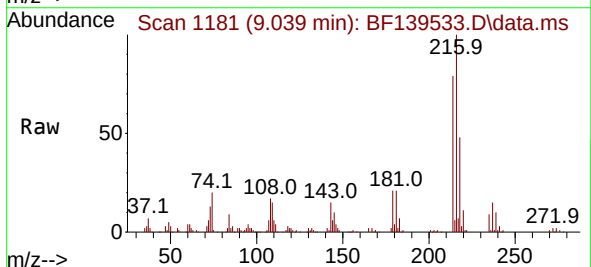
APPROVED

Reviewed By :Yogesh Patel 09/26/2024

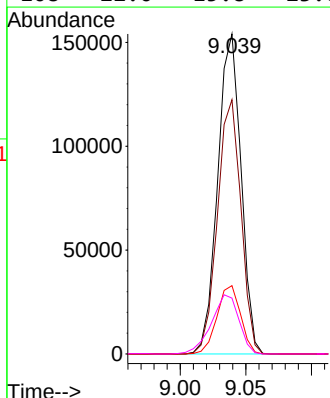
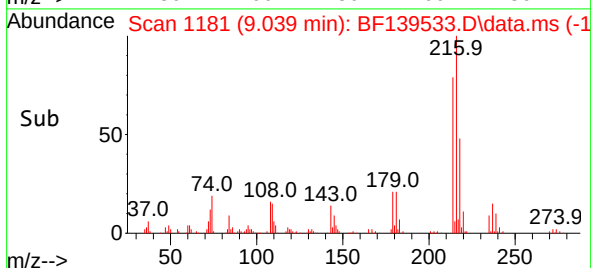
Supervised By :mohammad ahmed 09/27/2024

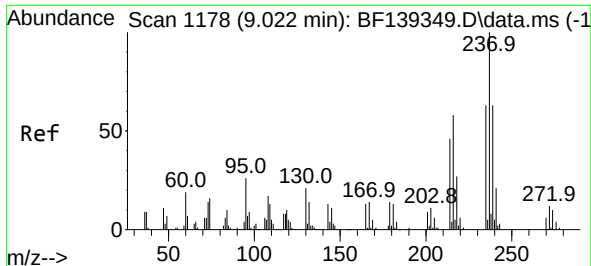


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.648 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



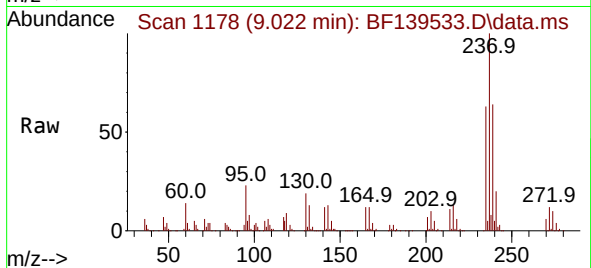
Tgt Ion:216 Resp: 190278
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.0
179 21.6 18.2 27.2
108 22.0 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 169.212 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

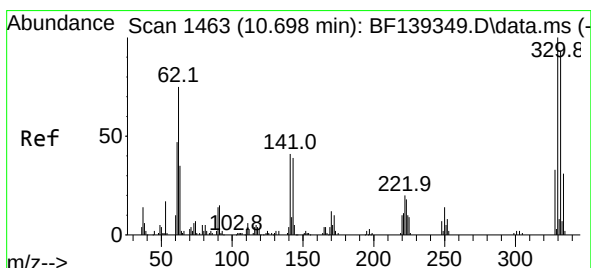
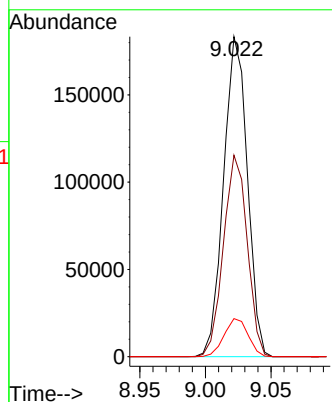
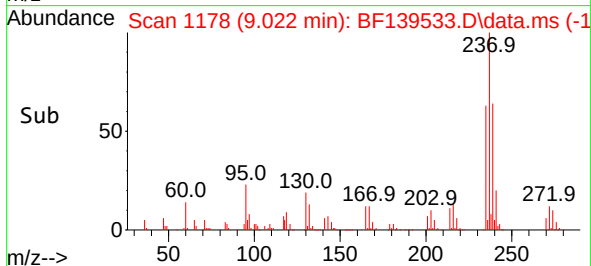
Instrument :
BNA_F
ClientSampleId :
PB163665BS



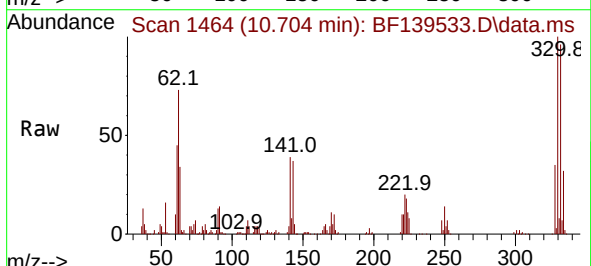
Tgt Ion: 237 Resp: 231088
Ion Ratio Lower Upper
237 100
235 63.0 42.7 82.7
272 11.9 0.0 32.5

Manual Integrations
APPROVED

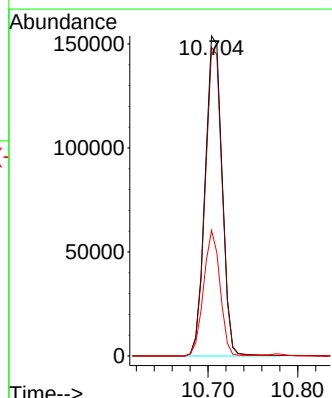
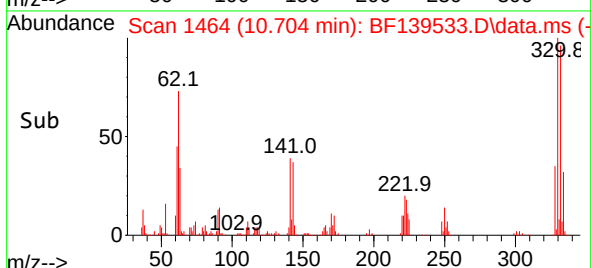
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

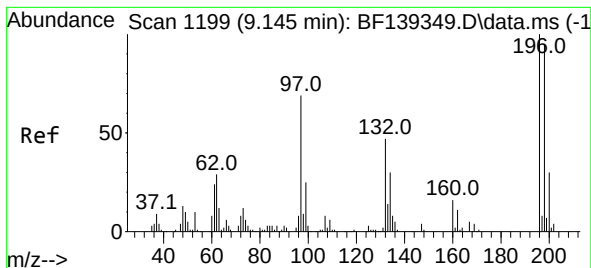


#42
2,4,6-Tribromophenol
Concen: 143.932 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



Tgt Ion: 330 Resp: 202229
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 37.9 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 52.011 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

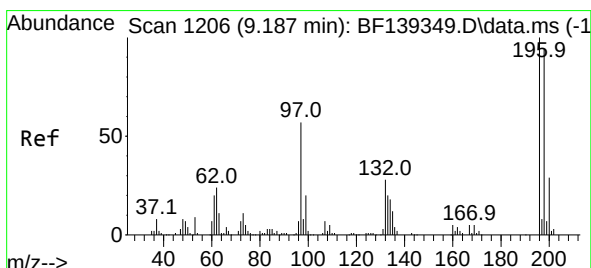
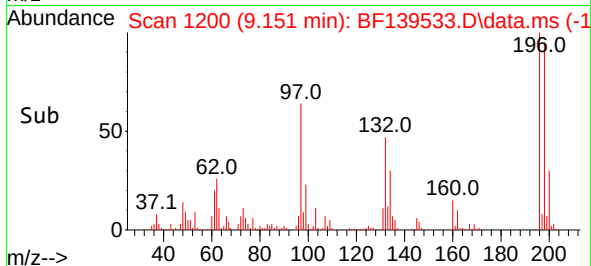
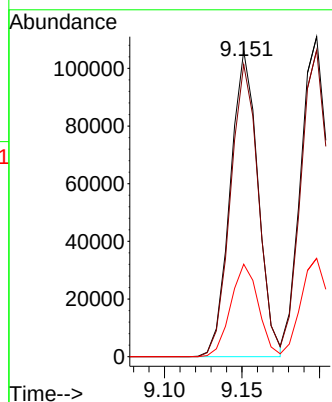
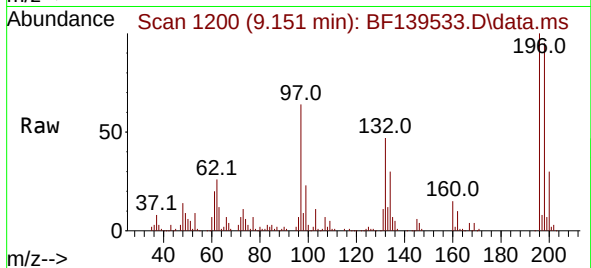
PB163665BS

Tgt Ion:196 Resp: 13235
Ion Ratio Lower Upper
196 100
198 95.5 75.8 113.6
200 30.2 24.1 36.1

Manual Integrations

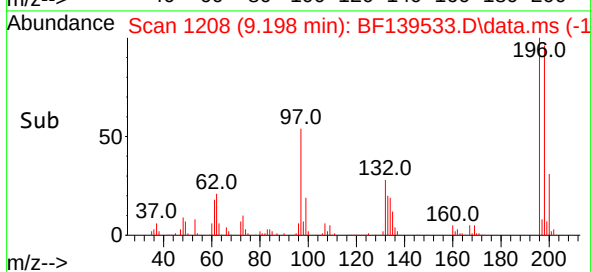
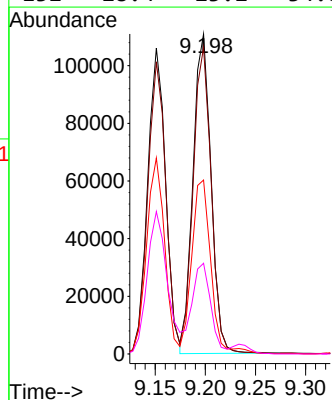
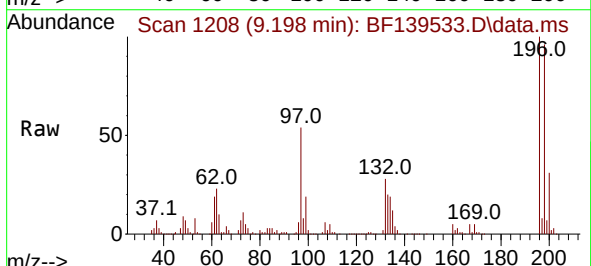
APPROVED

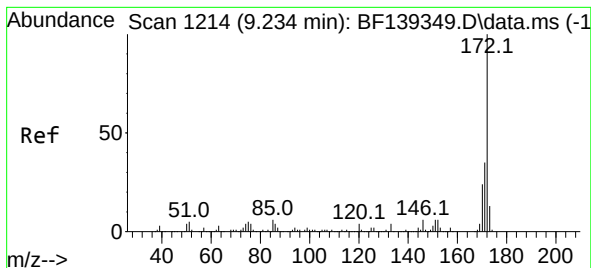
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#44
2,4,5-Trichlorophenol
Concen: 51.687 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:196 Resp: 138739
Ion Ratio Lower Upper
196 100
198 95.8 74.8 112.2
97 54.3 47.3 70.9
132 28.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 97.503 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion:172 Resp: 917480

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

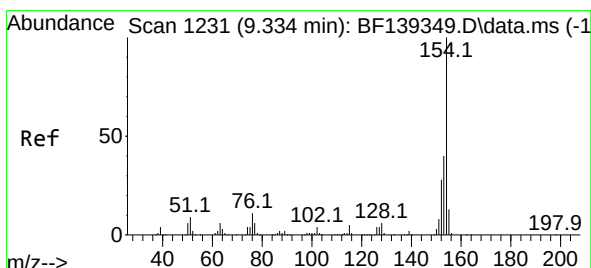
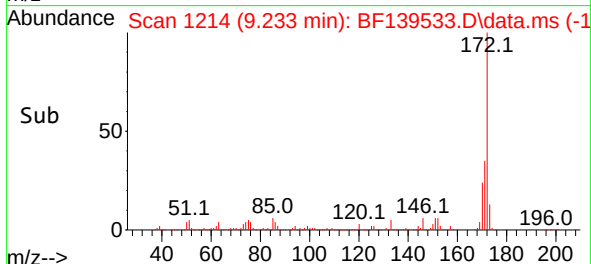
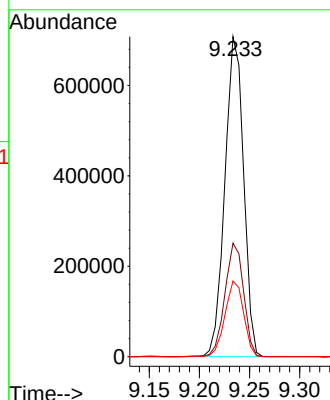
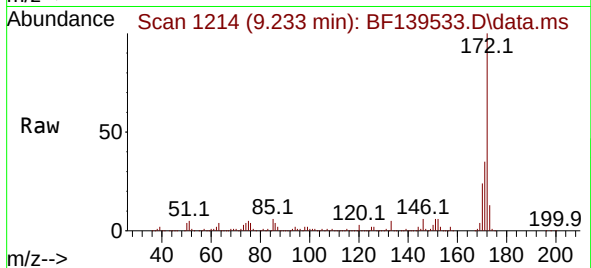
170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#46

1,1'-Biphenyl

Concen: 49.657 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

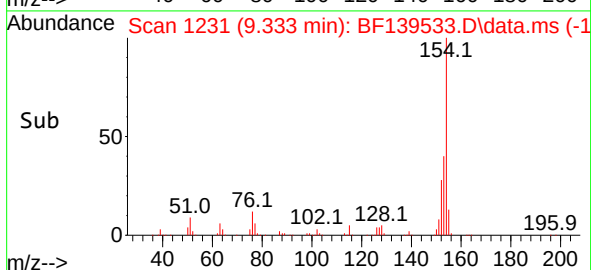
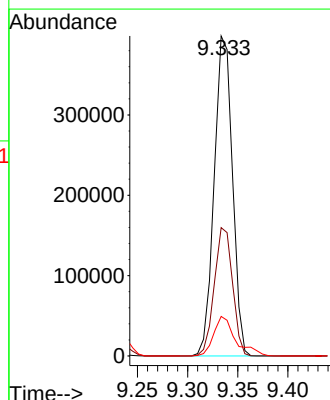
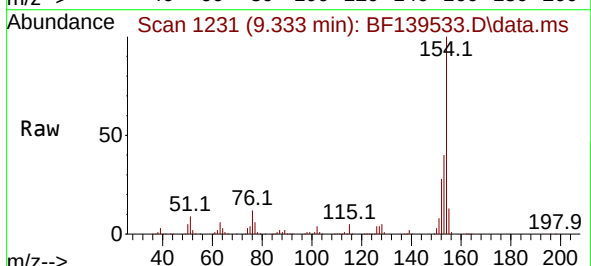
Tgt Ion:154 Resp: 504180

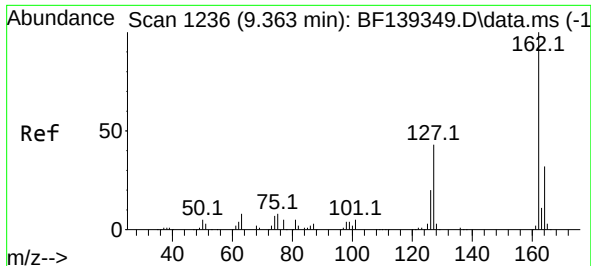
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 12.3 0.0 31.1





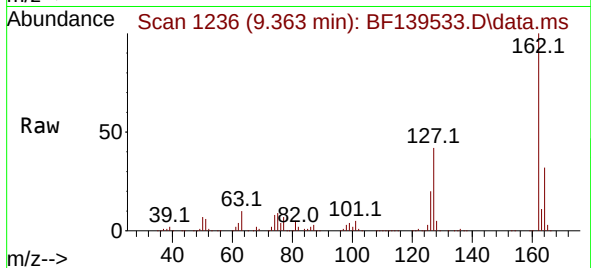
#47
2-Chloronaphthalene
Concen: 50.522 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



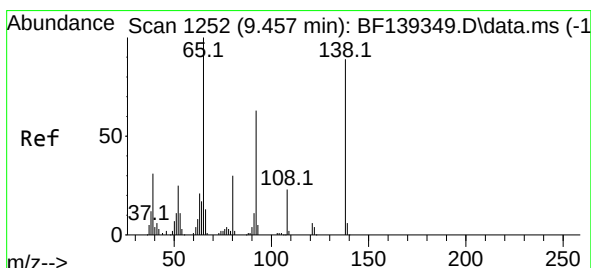
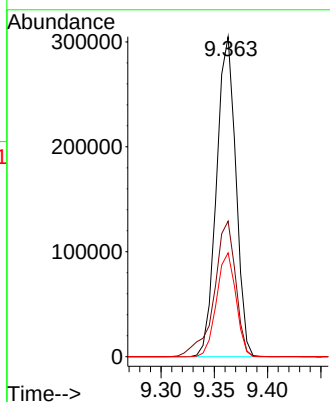
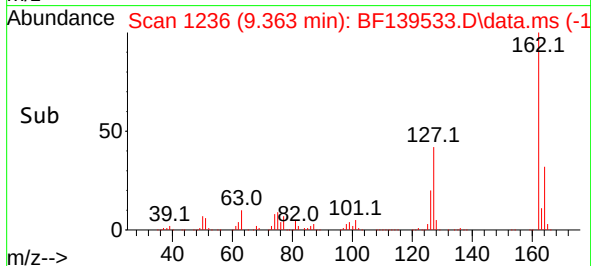
Tgt Ion:162 Resp: 383539
Ion Ratio Lower Upper
162 100
127 42.3 35.0 52.4
164 32.5 25.8 38.6

Manual Integrations

APPROVED

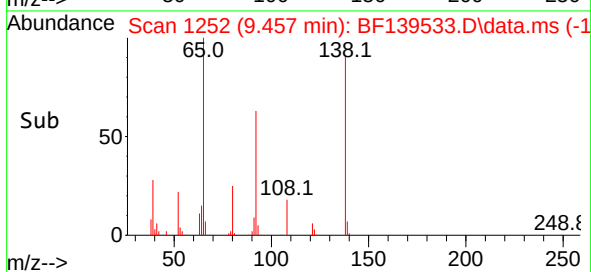
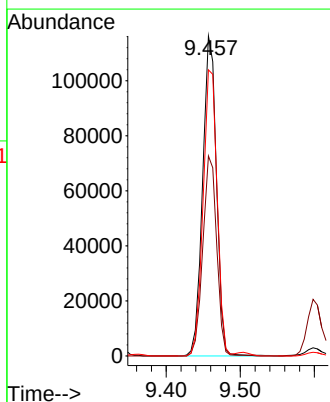
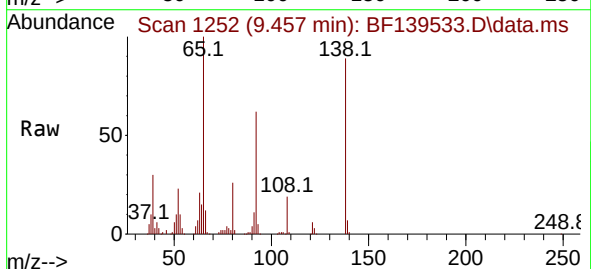
Reviewed By :Yogesh Patel 09/26/2024

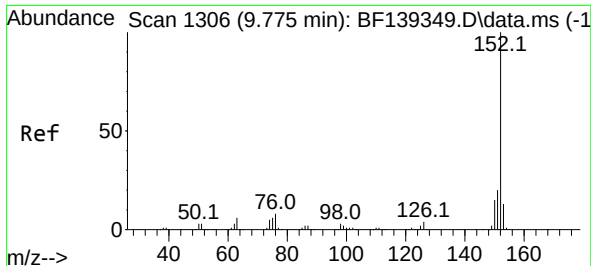
Supervised By :mohammad ahmed 09/27/2024



#48
2-Nitroaniline
Concen: 53.433 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion: 65 Resp: 150875
Ion Ratio Lower Upper
65 100
92 62.5 50.3 75.5
138 89.4 71.3 106.9





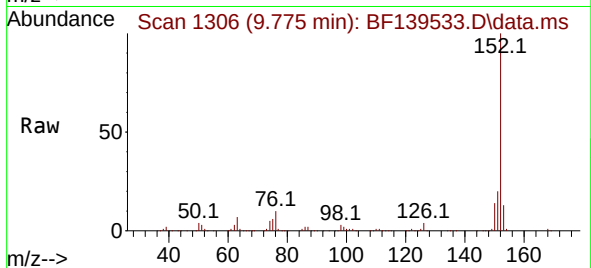
#49
Acenaphthylene
Concen: 55.682 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



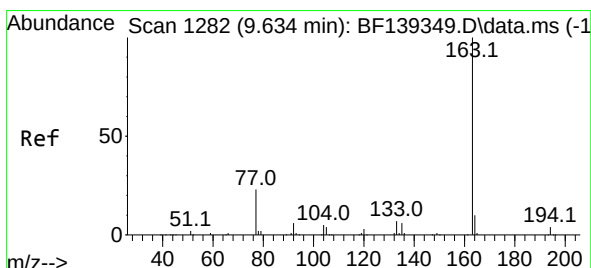
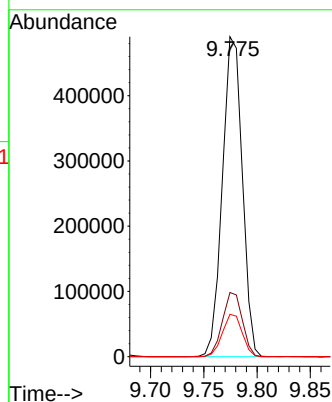
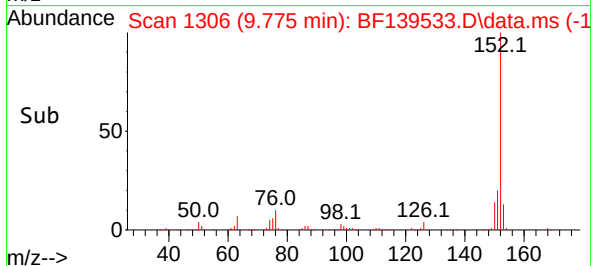
Tgt Ion:152 Resp: 636307
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.3 15.5

Manual Integrations

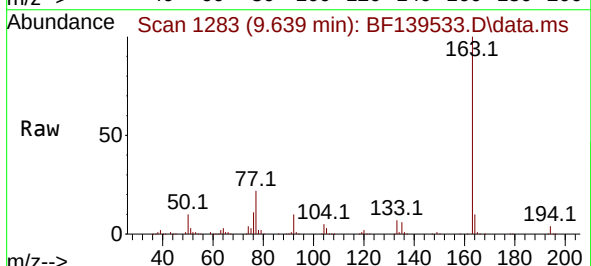
APPROVED

Reviewed By :Yogesh Patel 09/26/2024

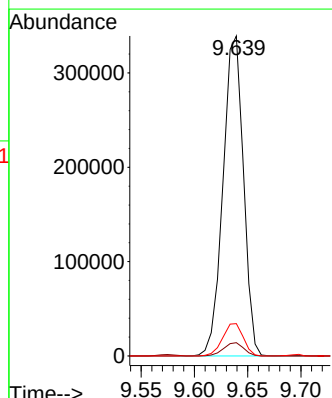
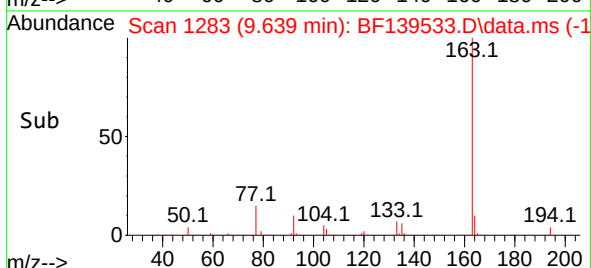
Supervised By :mohammad ahmed 09/27/2024

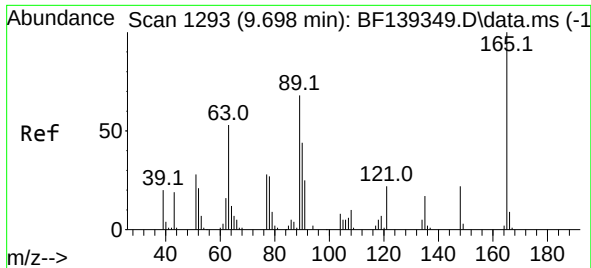


#50
Dimethylphthalate
Concen: 52.248 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



Tgt Ion:163 Resp: 452581
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.376 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

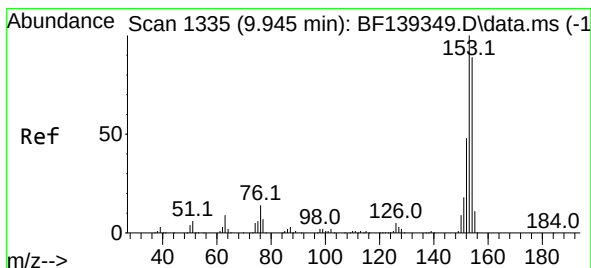
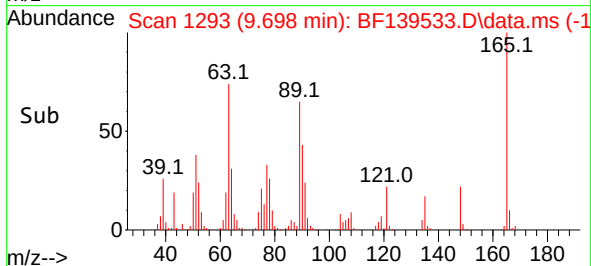
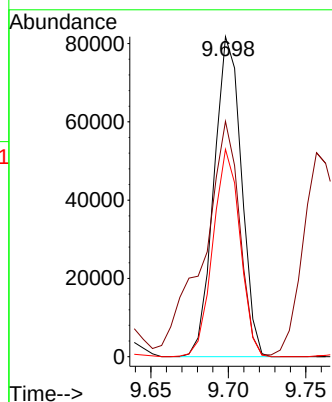
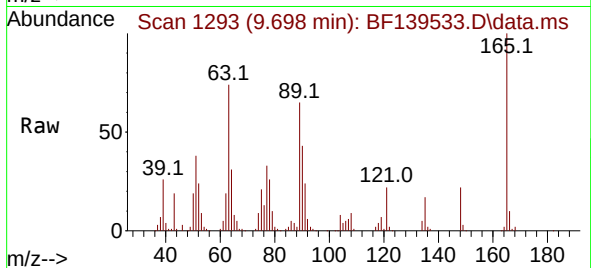
ClientSampleId :

PB163665BS

Tgt Ion:165 Resp: 100500
Ion Ratio Lower Upper
165 100
63 73.6 60.9 91.3
89 64.8 54.7 82.1

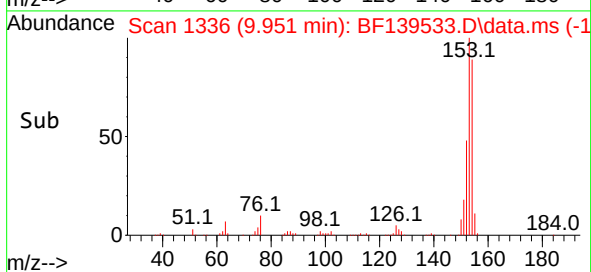
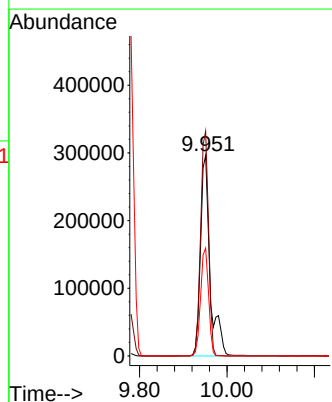
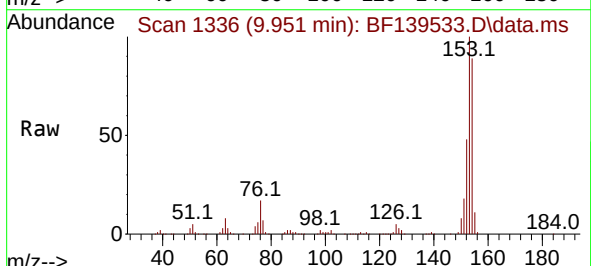
Manual Integrations
APPROVED

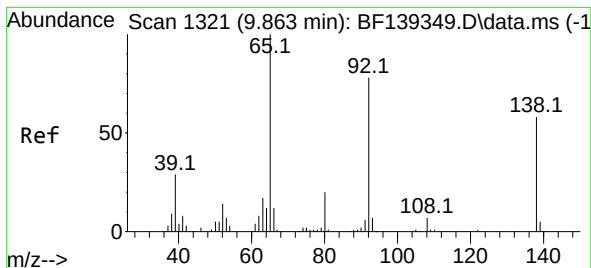
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#52
Acenaphthene
Concen: 57.276 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:154 Resp: 456813
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 53.8 42.6 64.0





#53

3-Nitroaniline

Concen: 39.322 ng

RT: 9.869 min Scan# 1321

Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion:138 Resp: 75409

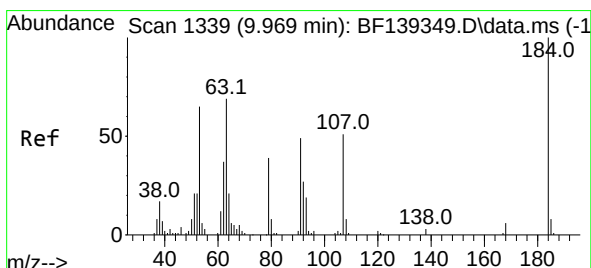
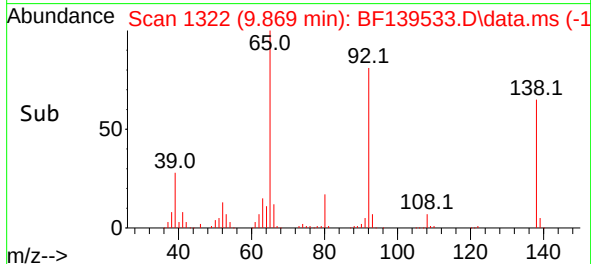
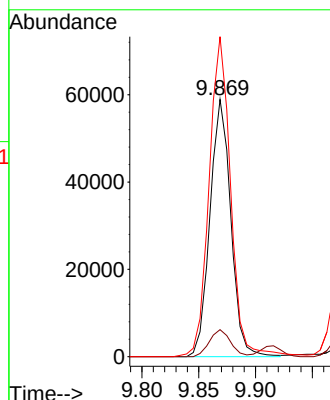
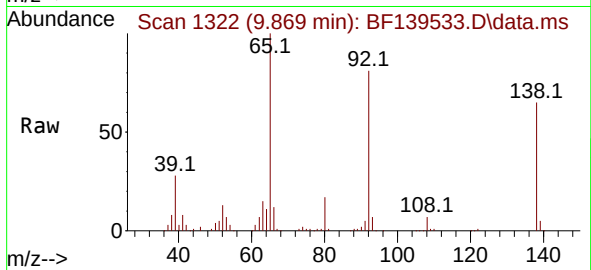
Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.8
92	124.4	107.4	161.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#54

2,4-Dinitrophenol

Concen: 109.501 ng

RT: 9.980 min Scan# 1341

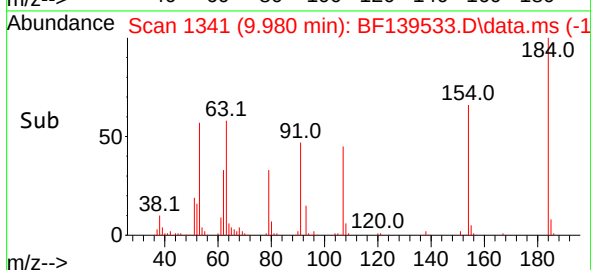
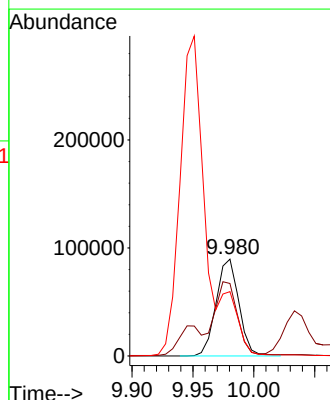
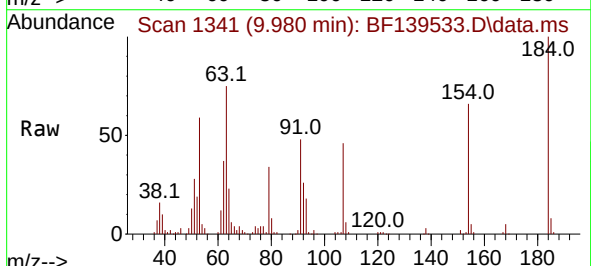
Delta R.T. 0.011 min

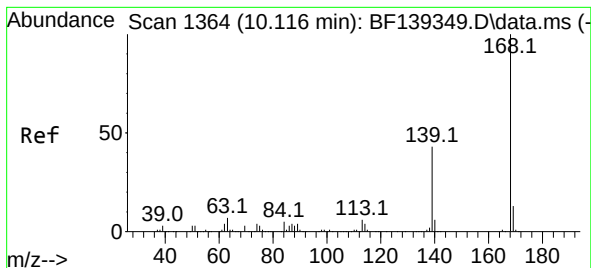
Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Tgt Ion:184 Resp: 117085

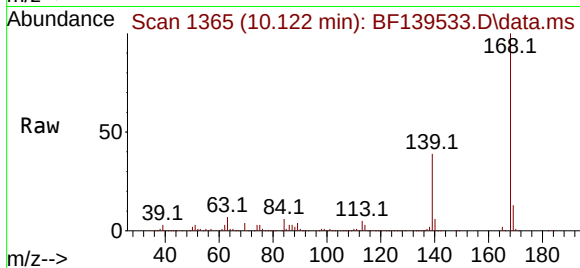
Ion	Ratio	Lower	Upper
184	100		
63	74.8	69.3	103.9
154	66.4	67.5	101.3





#55
Dibenzenofuran
Concen: 51.673 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

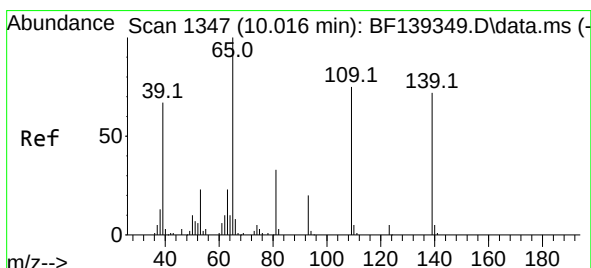
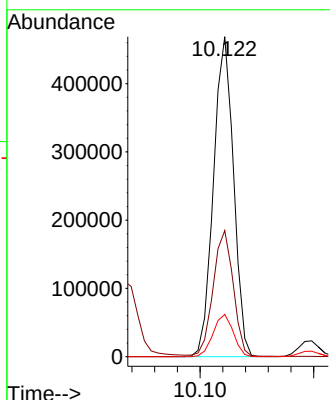
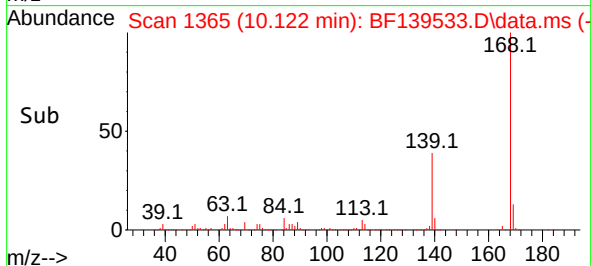
Instrument :
BNA_F
ClientSampleId :
PB163665BS



Tgt Ion:168 Resp: 574410
Ion Ratio Lower Upper
168 100
139 39.4 34.1 51.1
169 13.2 10.5 15.7

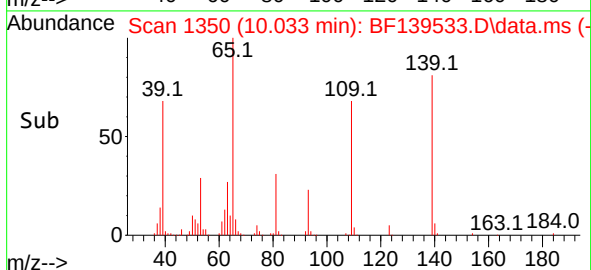
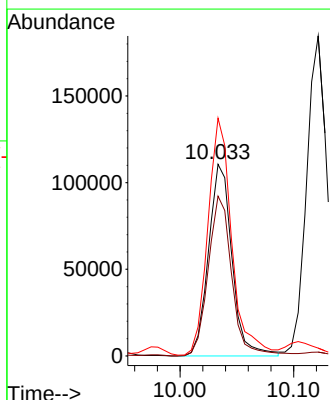
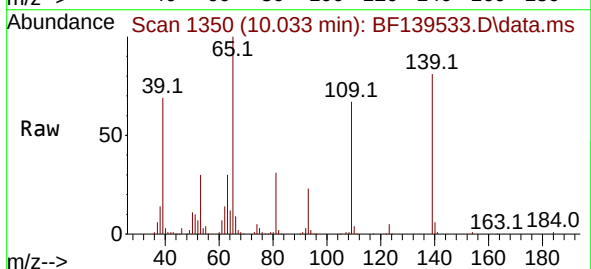
Manual Integrations
APPROVED

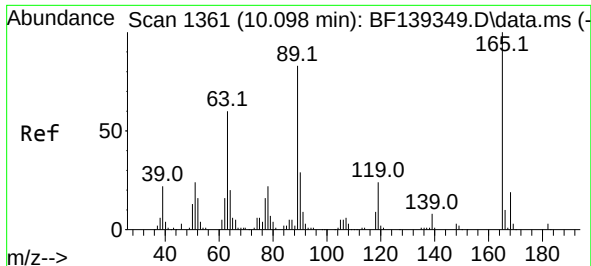
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#56
4-Nitrophenol
Concen: 100.428 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:139 Resp: 159362
Ion Ratio Lower Upper
139 100
109 83.4 84.1 124.1#
65 124.1 120.0 160.0





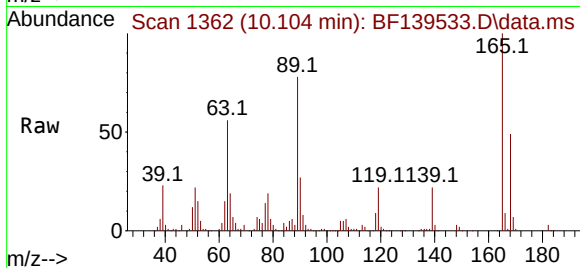
#57
2,4-Dinitrotoluene
Concen: 54.836 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

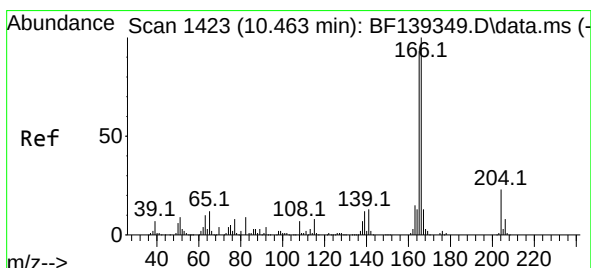
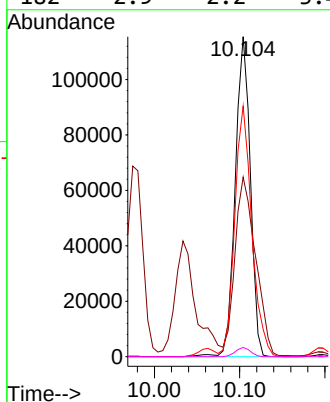
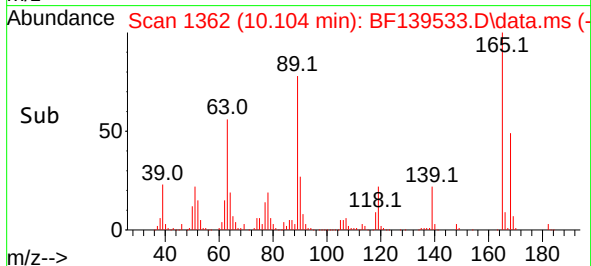


Tgt Ion:165 Resp: 142062
Ion Ratio Lower Upper
165 100
63 56.1 47.8 71.6
89 78.3 66.7 100.1
182 2.9 2.2 3.4

Manual Integrations

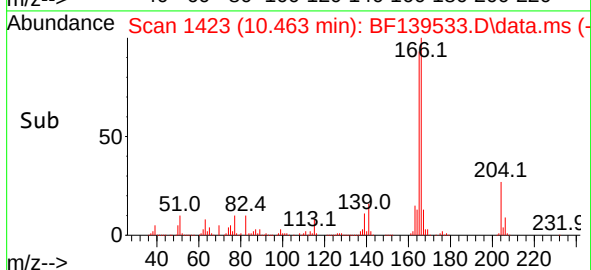
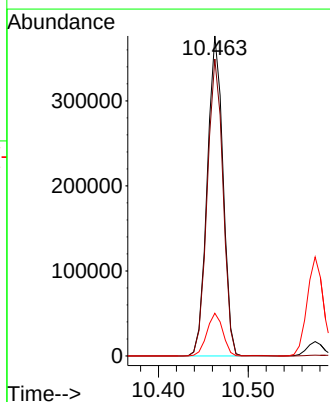
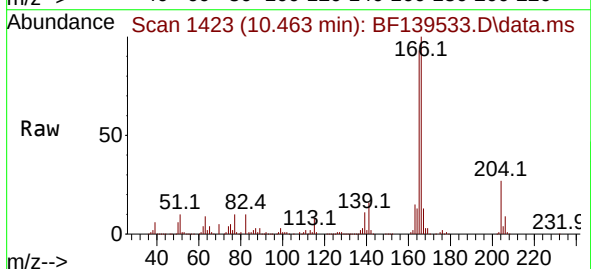
APPROVED

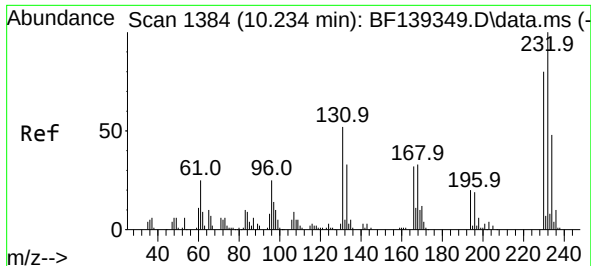
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#58
Fluorene
Concen: 50.610 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

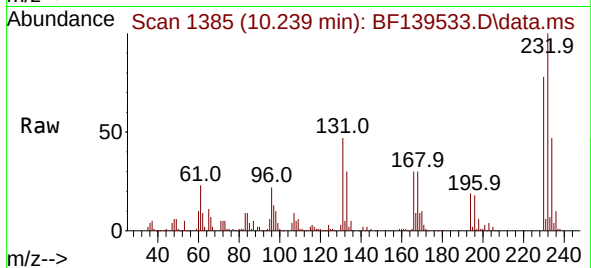
Tgt Ion:166 Resp: 459032
Ion Ratio Lower Upper
166 100
165 92.8 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.359 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

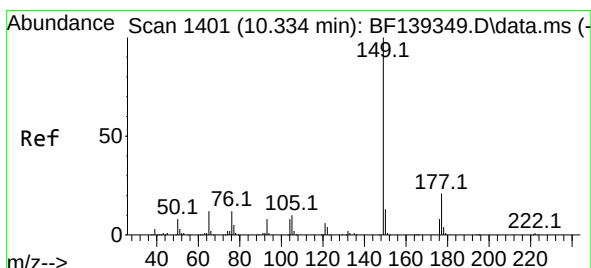
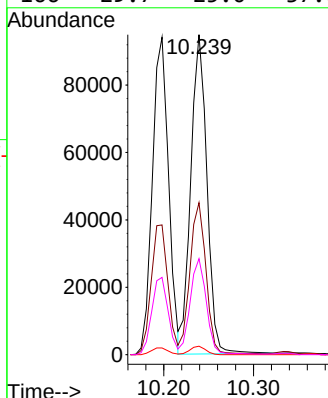
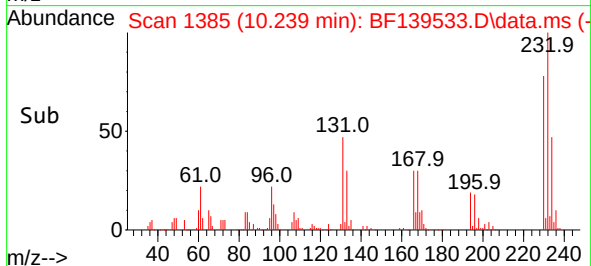
Instrument :
BNA_F
ClientSampleId :
PB163665BS



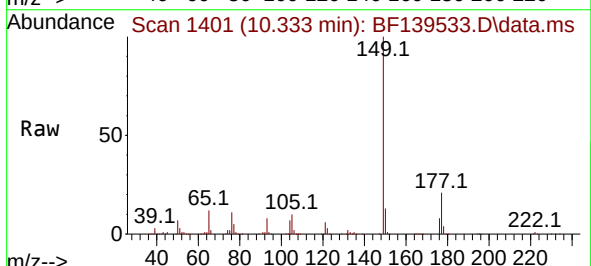
Tgt Ion:232 Resp: 11848
Ion Ratio Lower Upper
232 100
131 48.0 40.7 61.1
130 2.6 2.2 3.2
166 29.7 25.0 37.6

Manual Integrations
APPROVED

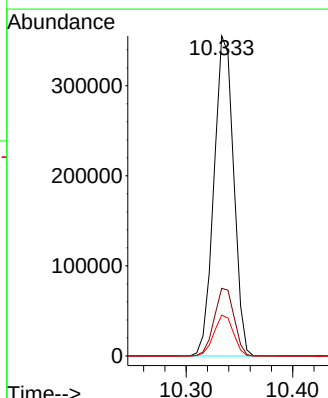
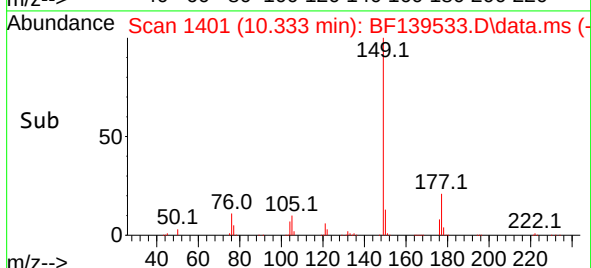
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

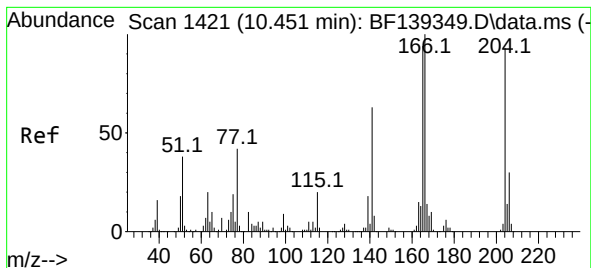


#60
Diethylphthalate
Concen: 51.009 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



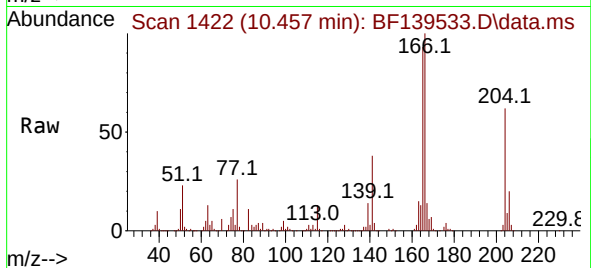
Tgt Ion:149 Resp: 455967
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.8 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 49.066 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

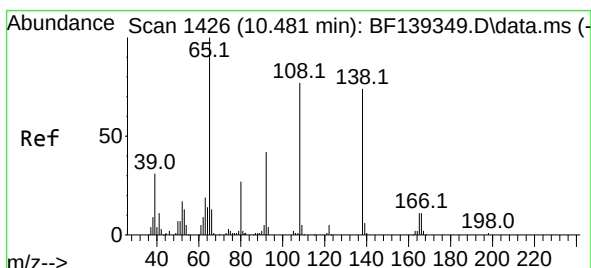
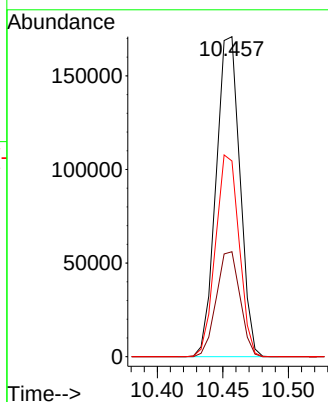
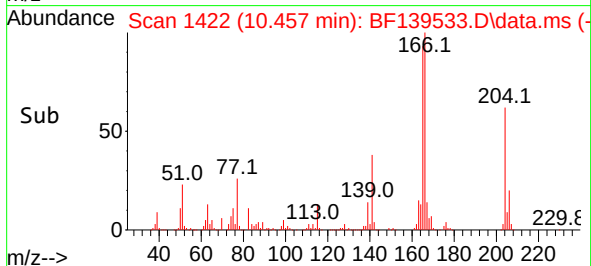
Instrument :
BNA_F
ClientSampleId :
PB163665BS



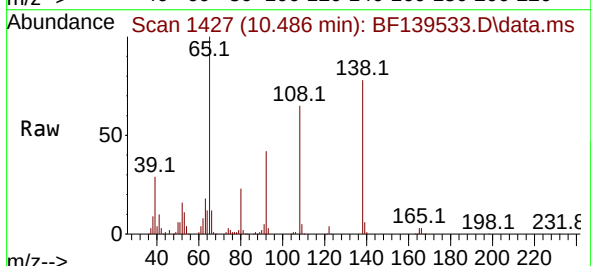
Tgt Ion:204 Resp: 216279
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 61.1 53.9 80.9

Manual Integrations
APPROVED

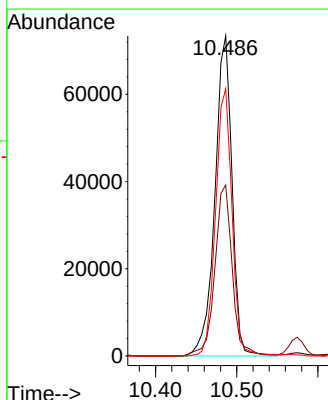
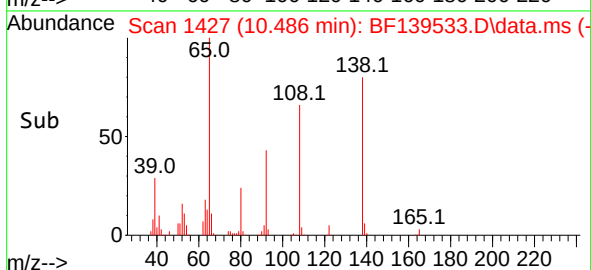
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

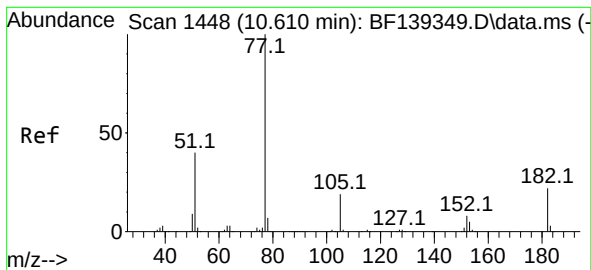


#62
4-Nitroaniline
Concen: 51.362 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



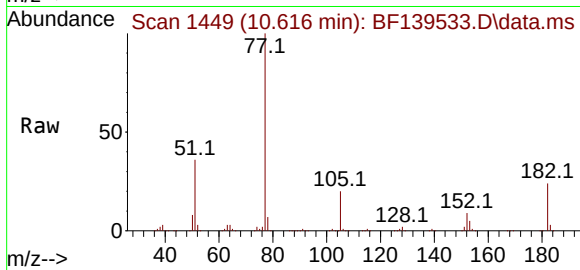
Tgt Ion:138 Resp: 107500
Ion Ratio Lower Upper
138 100
92 53.5 37.0 77.0
108 83.5 84.4 124.4#





#63
Azobenzene
Concen: 52.353 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

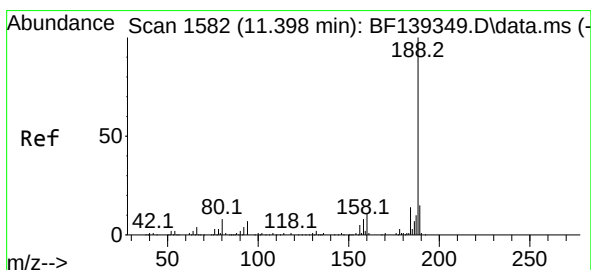
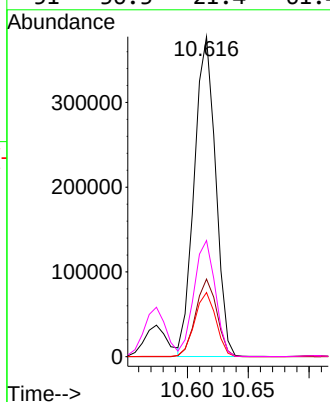
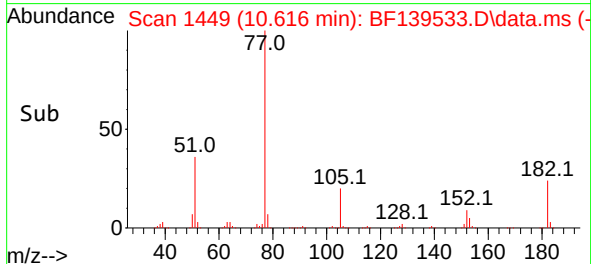
Instrument :
BNA_F
ClientSampleId :
PB163665BS



Tgt Ion: 77 Resp: 46028
Ion Ratio Lower Upper
77 100
182 24.2 1.8 41.8
105 20.0 0.0 38.6
51 36.3 21.4 61.4

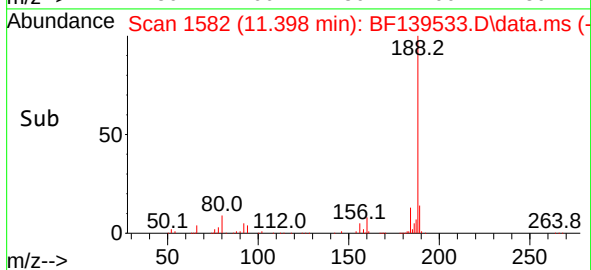
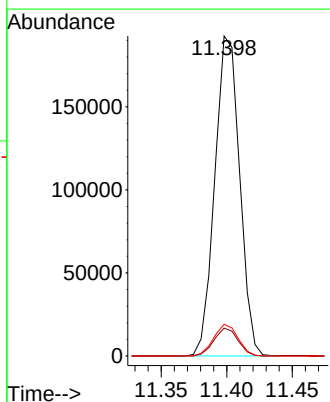
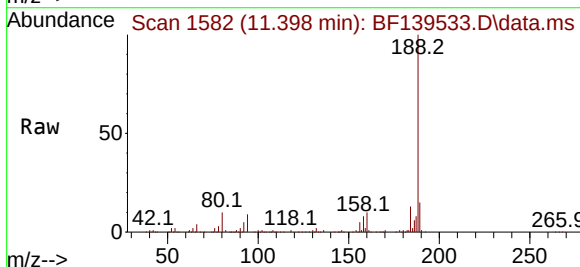
Manual Integrations
APPROVED

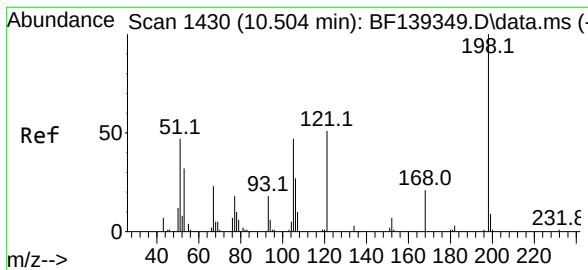
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

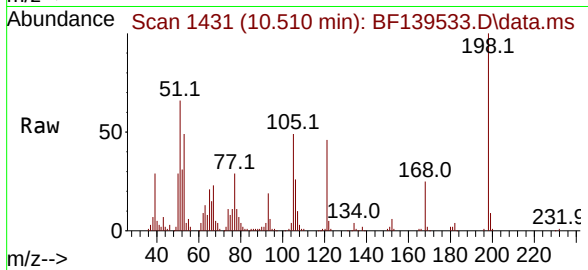
Tgt Ion:188 Resp: 253697
Ion Ratio Lower Upper
188 100
94 8.7 5.5 8.3#
80 9.9 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 56.175 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

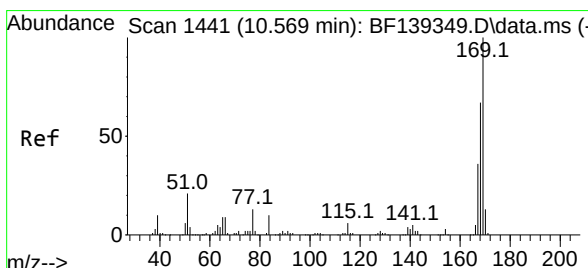
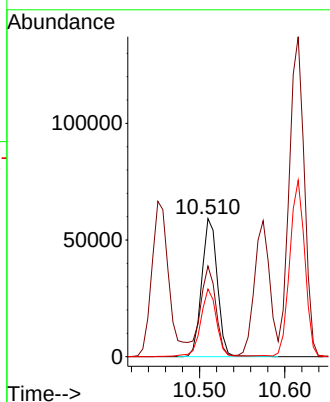
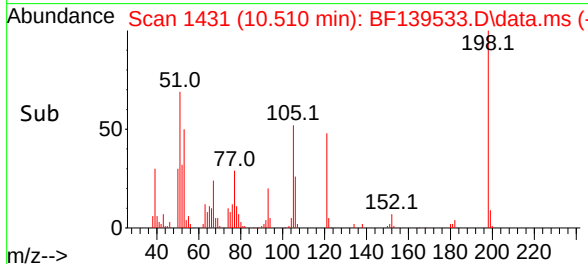
Instrument :
BNA_F
ClientSampleId :
PB163665BS



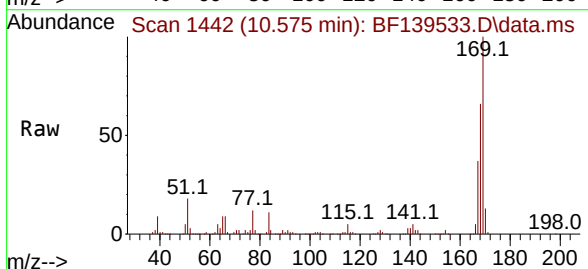
Tgt Ion:198 Resp: 7521
Ion Ratio Lower Upper
198 100
51 65.6 50.4 90.4
105 49.0 28.3 68.3

Manual Integrations
APPROVED

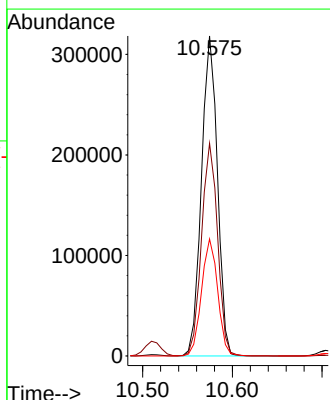
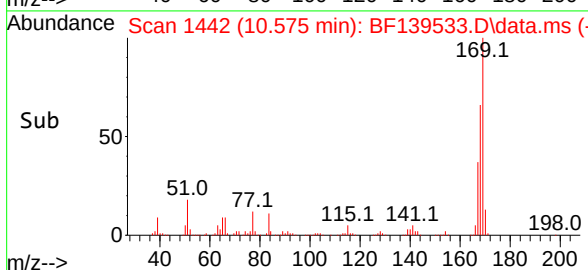
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

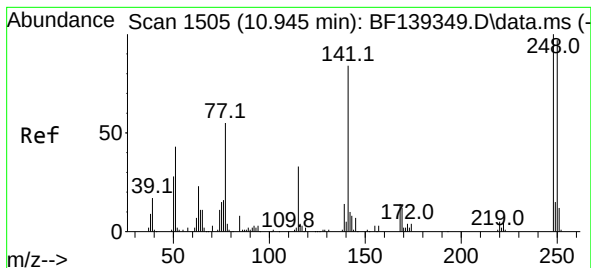


#66
n-Nitrosodiphenylamine
Concen: 53.006 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



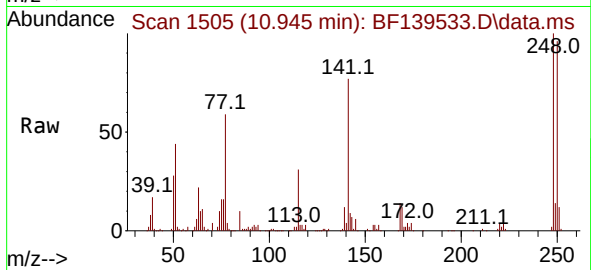
Tgt Ion:169 Resp: 393156
Ion Ratio Lower Upper
169 100
168 66.5 53.6 80.4
167 36.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 51.704 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

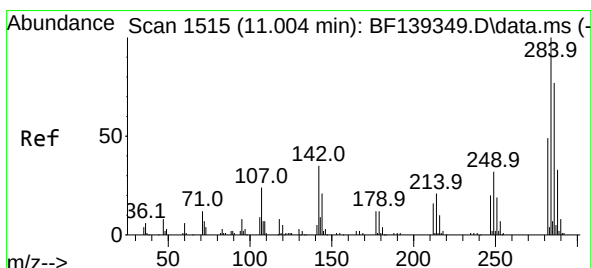
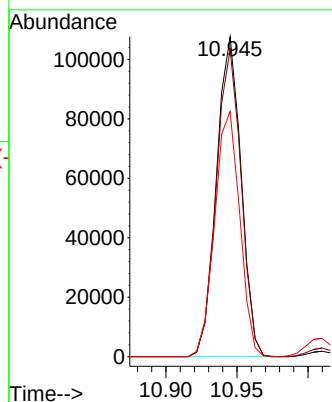
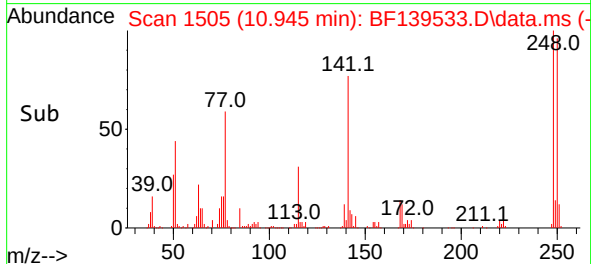
Instrument :
BNA_F
ClientSampleId :
PB163665BS



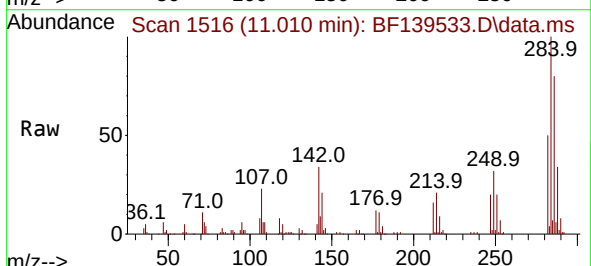
Tgt Ion:248 Resp: 12998
Ion Ratio Lower Upper
248 100
250 96.0 77.6 116.4
141 76.6 66.9 100.3

Manual Integrations
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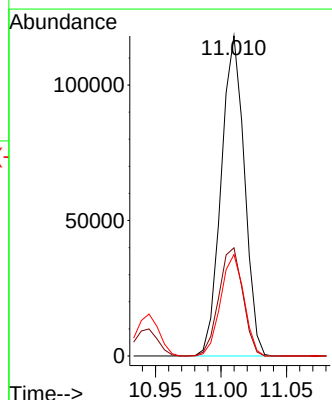
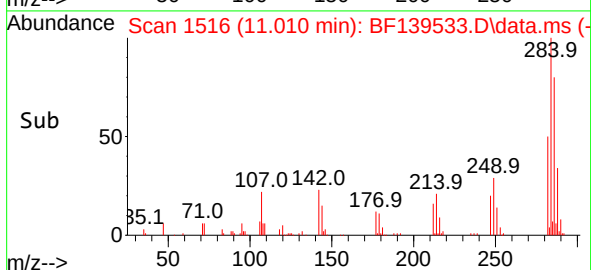
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

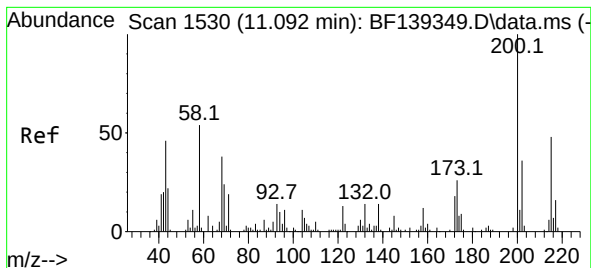


#68
Hexachlorobenzene
Concen: 49.280 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



Tgt Ion:284 Resp: 145405
Ion Ratio Lower Upper
284 100
142 33.8 28.0 42.0
249 31.7 25.3 37.9





#69

Atrazine

Concen: 69.956 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion:200 Resp: 123529

Ion Ratio Lower Upper

200 100

173 28.0 6.1 46.1

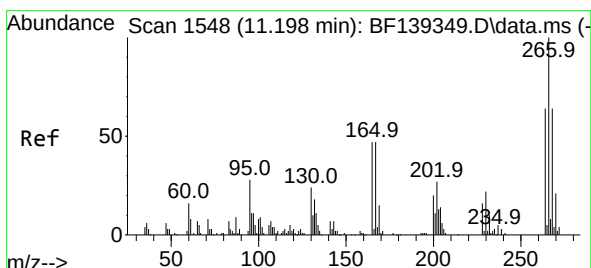
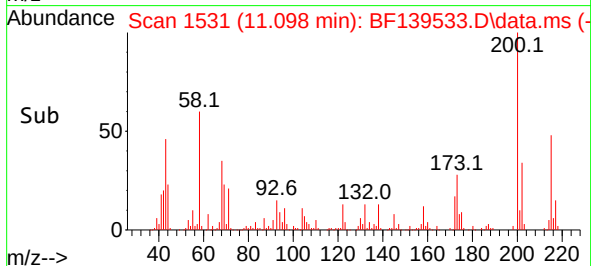
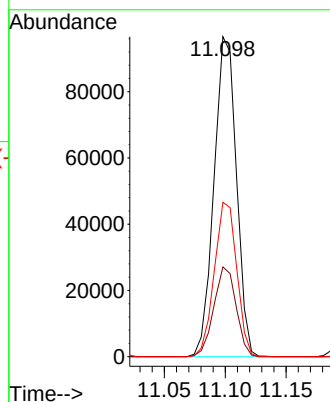
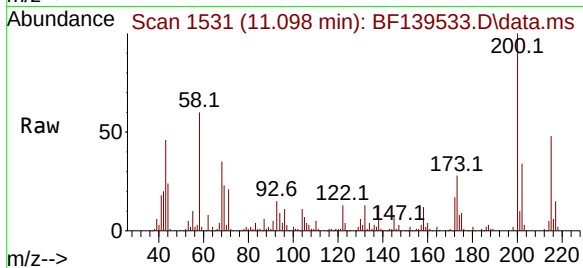
215 48.3 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#70

Pentachlorophenol

Concen: 92.667 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

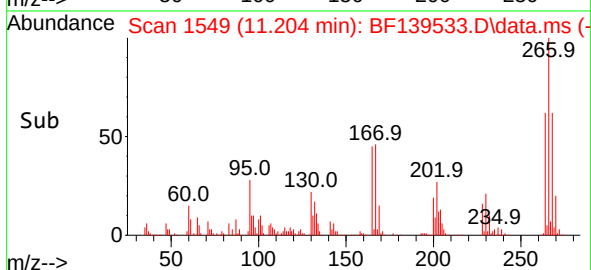
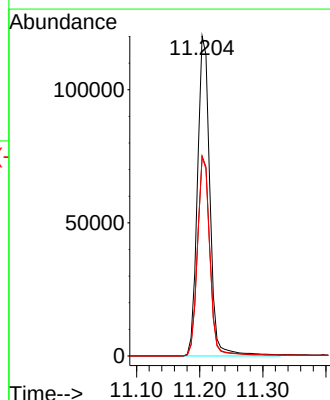
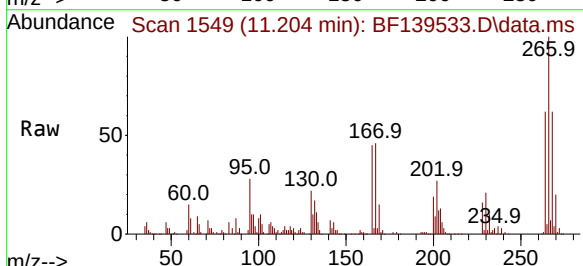
Tgt Ion:266 Resp: 164064

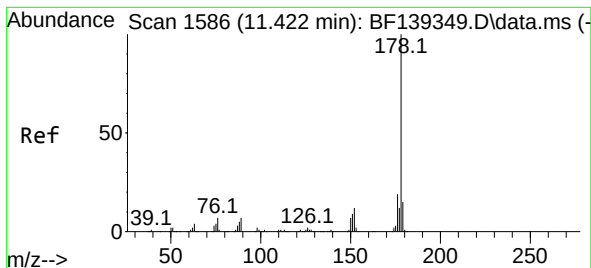
Ion Ratio Lower Upper

266 100

268 62.4 51.1 76.7

264 62.2 51.4 77.0





#71

Phenanthrene

Concen: 53.273 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion:178 Resp: 652052

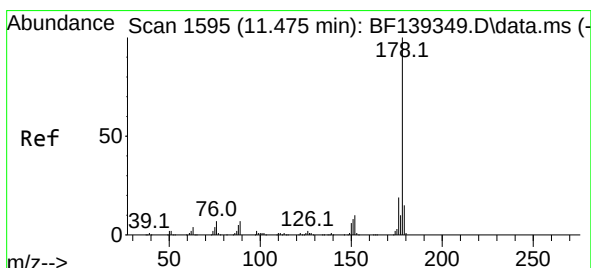
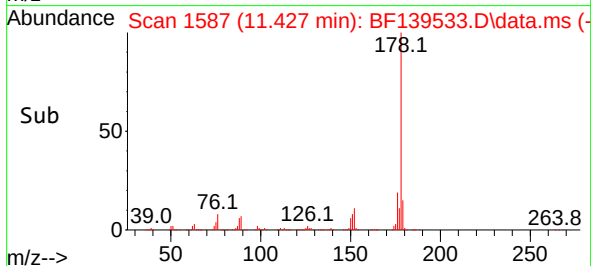
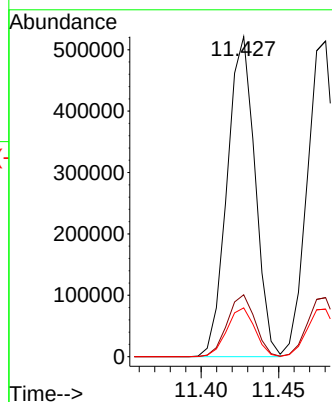
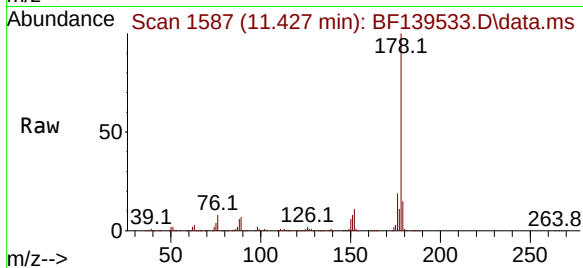
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.2	12.2	18.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#72

Anthracene

Concen: 55.358 ng

RT: 11.480 min Scan# 1596

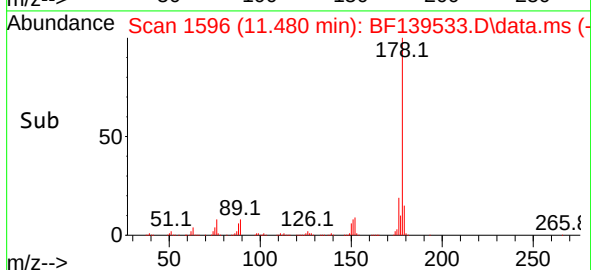
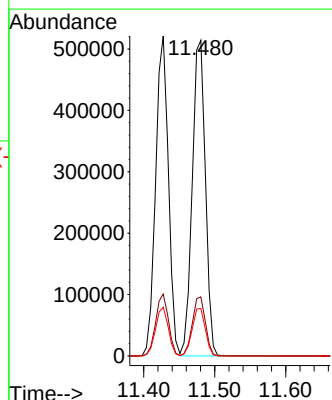
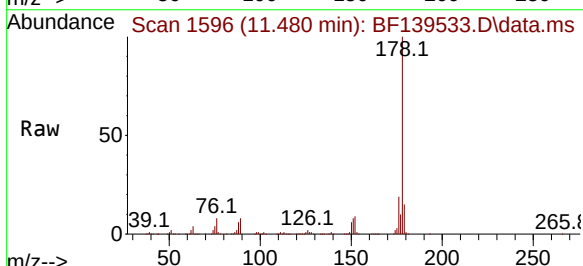
Delta R.T. 0.006 min

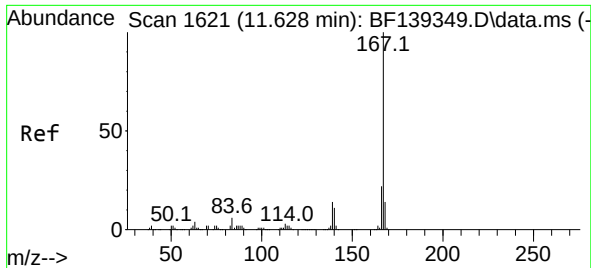
Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Tgt Ion:178 Resp: 662477

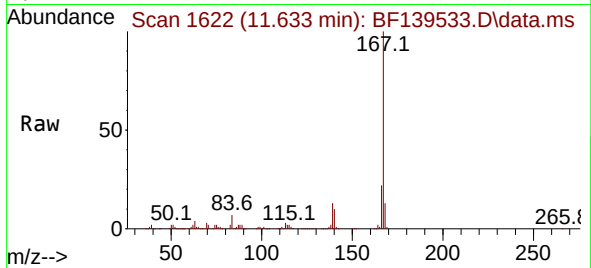
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.1	12.0	18.0





#73
Carbazole
Concen: 51.172 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

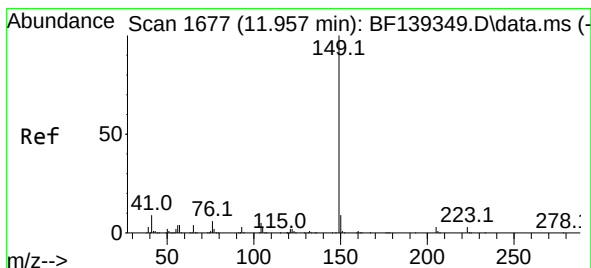
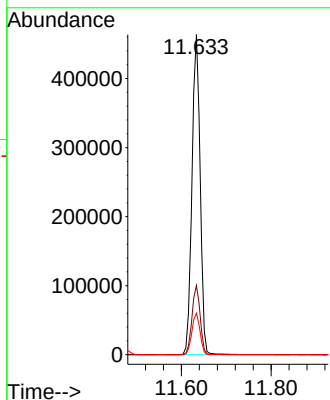
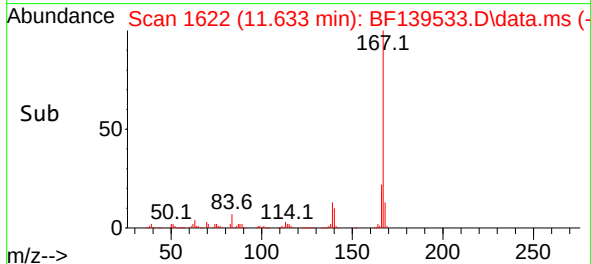
Instrument :
BNA_F
ClientSampleId :
PB163665BS



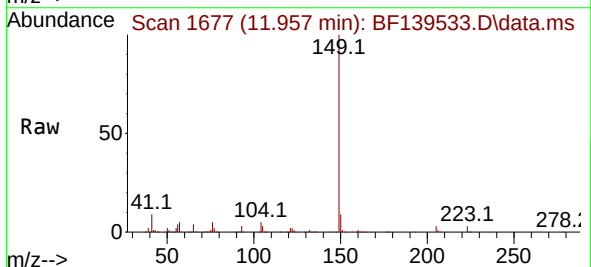
Tgt Ion:167 Resp: 586109
Ion Ratio Lower Upper
167 100
166 21.6 17.5 26.3
139 13.0 10.9 16.3

Manual Integrations
APPROVED

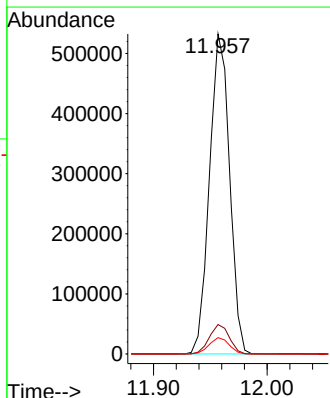
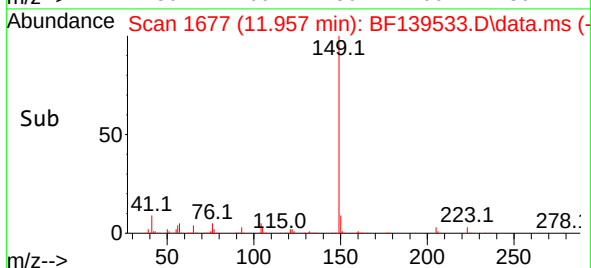
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

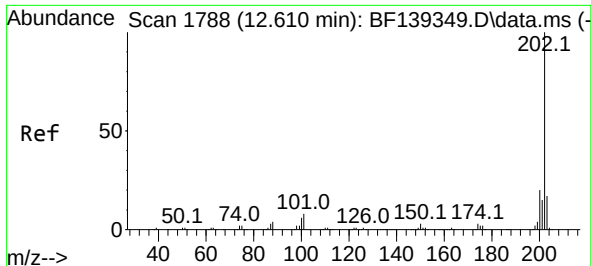


#74
Di-n-butylphthalate
Concen: 51.306 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



Tgt Ion:149 Resp: 654618
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.1 4.3 6.5





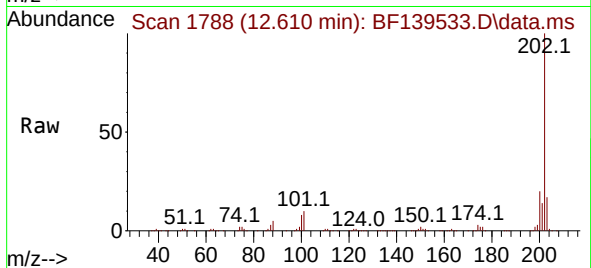
#75
Fluoranthene
Concen: 47.124 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



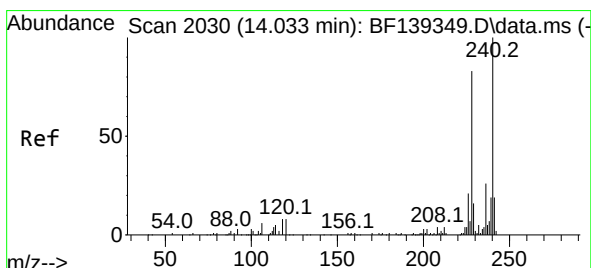
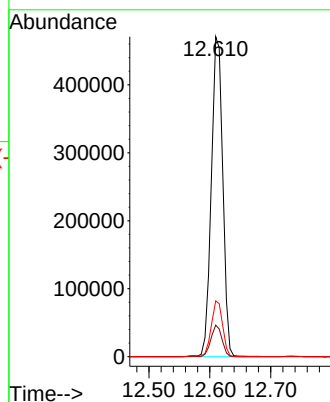
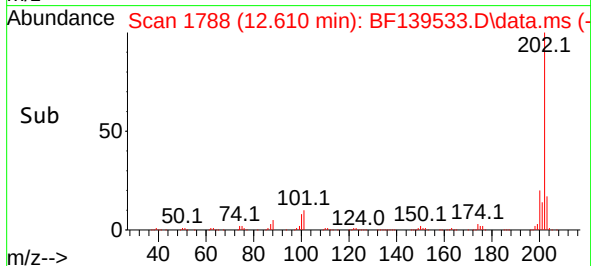
Tgt Ion:202 Resp: 61596
Ion Ratio Lower Upper
202 100
101 9.9 0.0 27.7
203 17.4 0.0 37.4

Manual Integrations

APPROVED

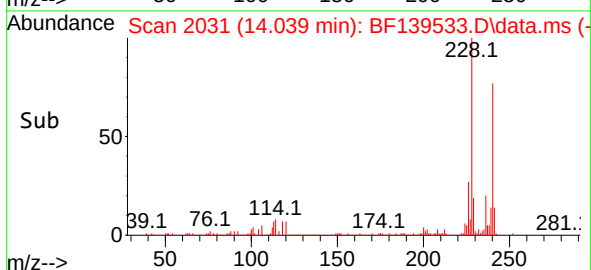
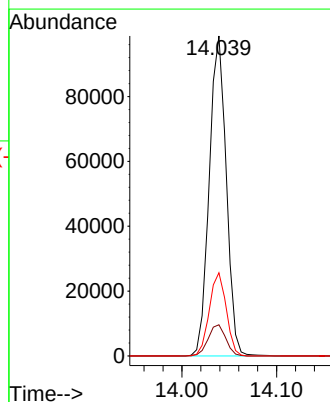
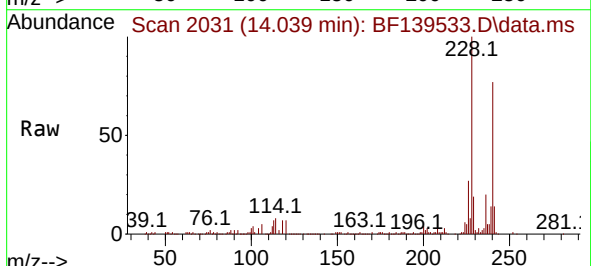
Reviewed By :Yogesh Patel 09/26/2024

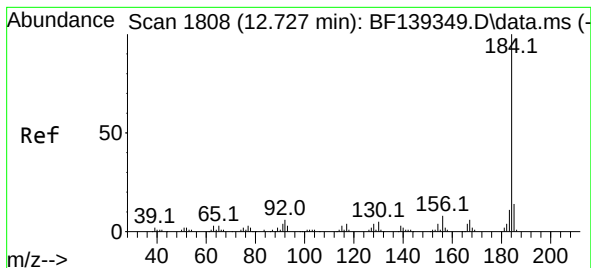
Supervised By :mohammad ahmed 09/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:240 Resp: 122817
Ion Ratio Lower Upper
240 100
120 9.8 6.2 9.2#
236 26.0 20.9 31.3





#77

Benzidine

Concen: 86.658 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139533.D

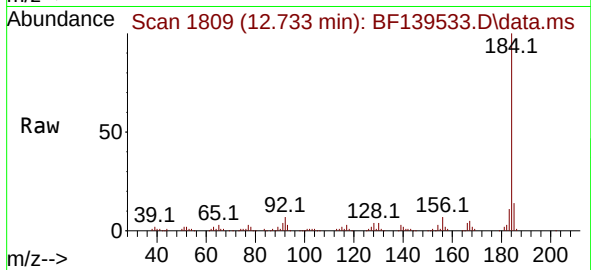
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



Tgt Ion:184 Resp: 15248

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

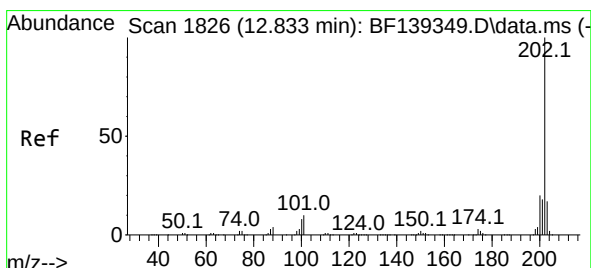
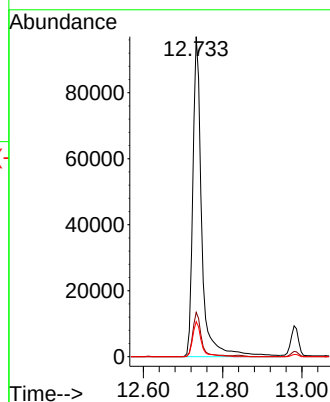
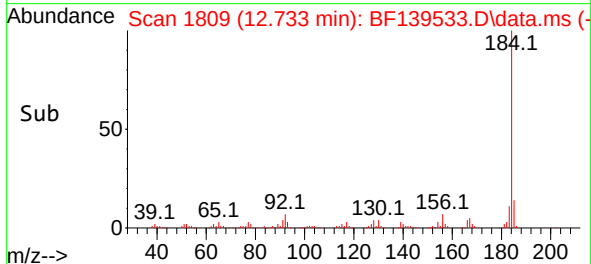
183 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#78

Pyrene

Concen: 58.173 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

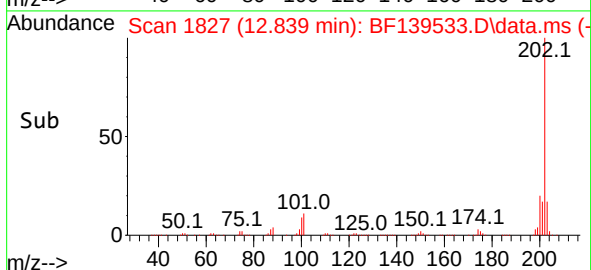
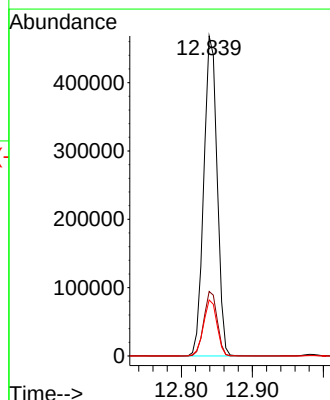
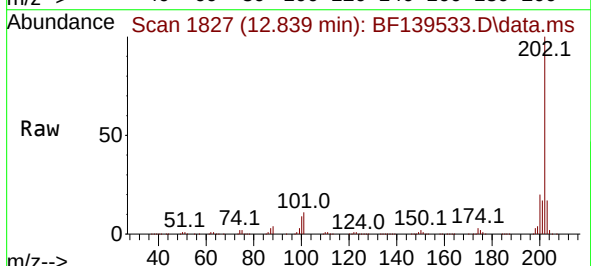
Tgt Ion:202 Resp: 613460

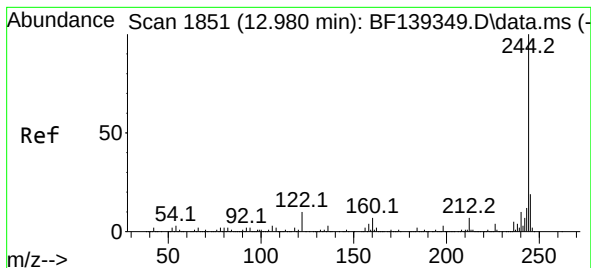
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 112.017 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139533.D

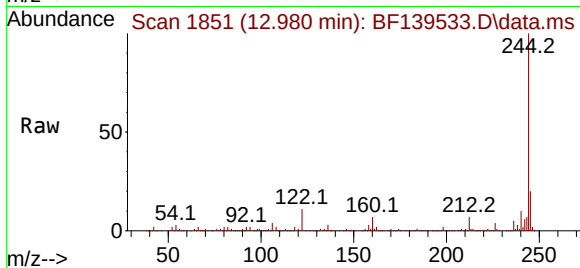
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



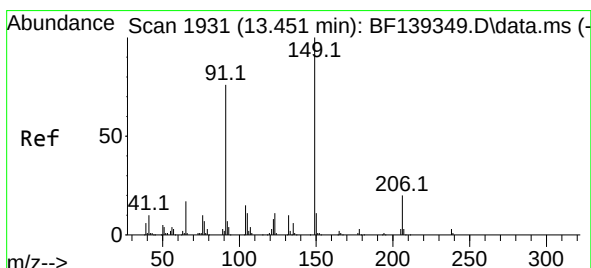
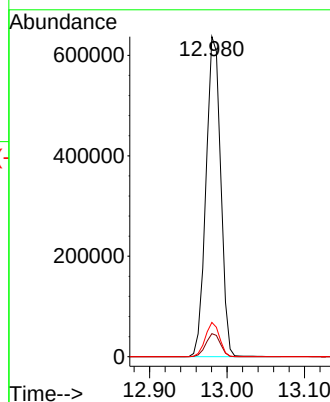
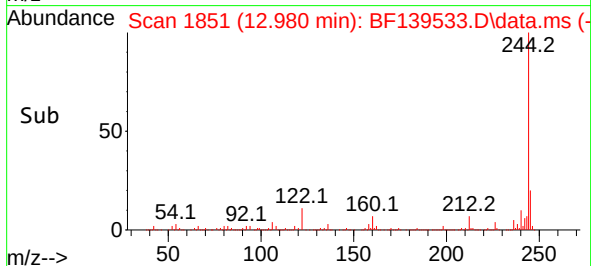
Tgt Ion:	244	Resp:	838169
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	10.7	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#80

Butylbenzylphthalate

Concen: 52.161 ng

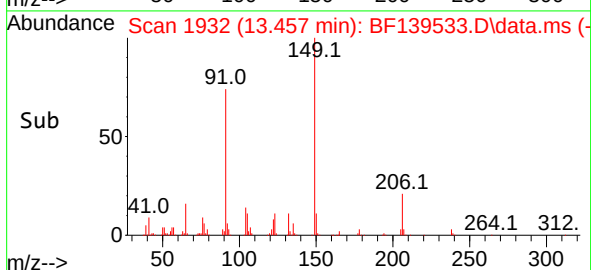
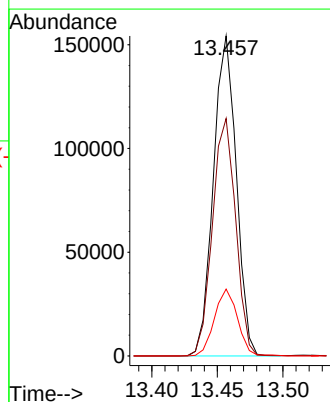
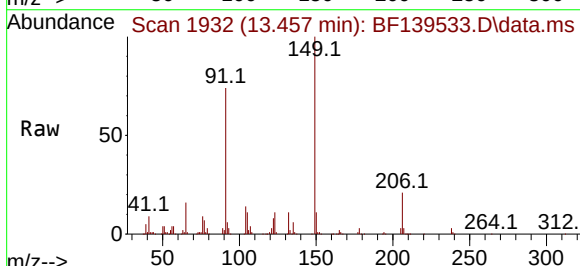
RT: 13.457 min Scan# 1932

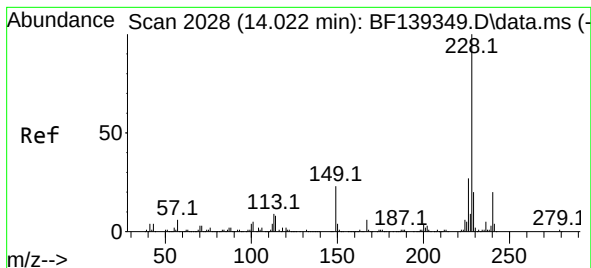
Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Tgt Ion:	149	Resp:	187232
Ion Ratio	Lower	Upper	
149	100		
91	74.2	60.9	91.3
206	20.9	15.8	23.8





#81

Benzo(a)anthracene

Concen: 54.079 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139533.D

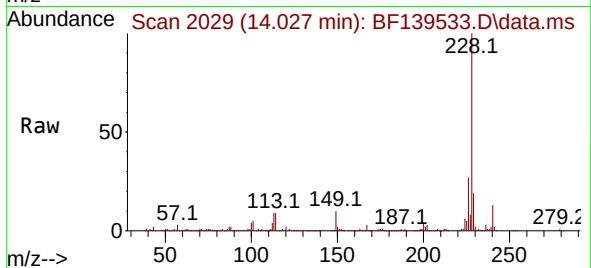
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



Tgt Ion:228 Resp: 43995

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

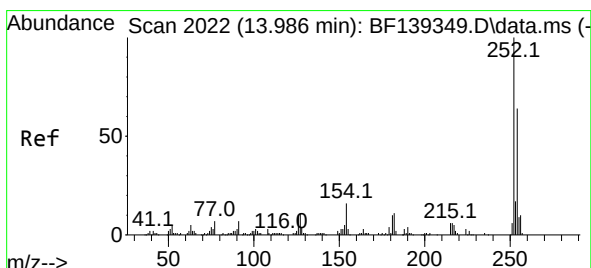
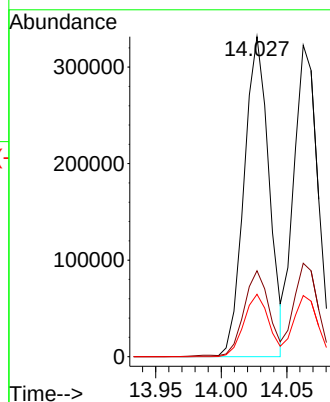
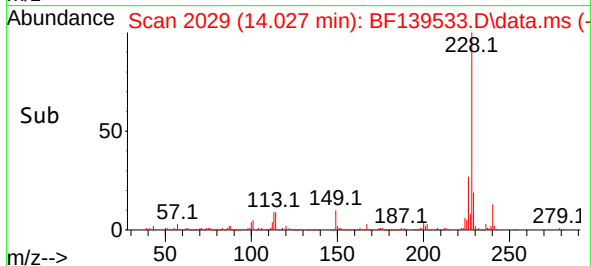
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 46.186 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

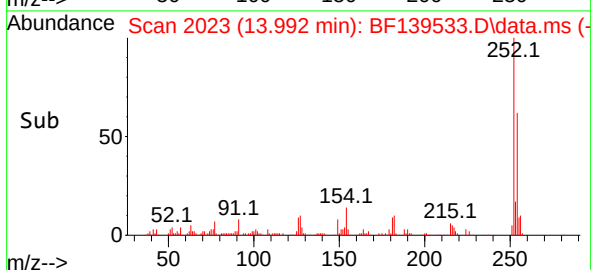
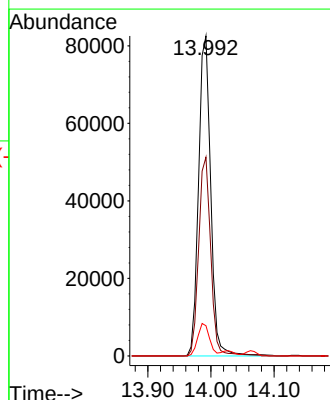
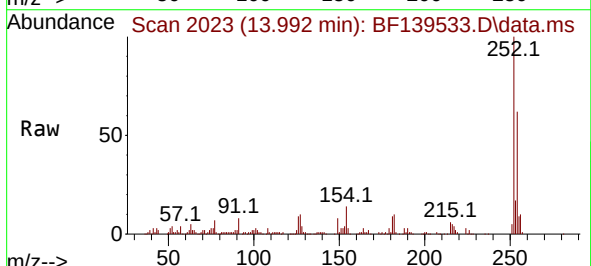
Tgt Ion:252 Resp: 110036

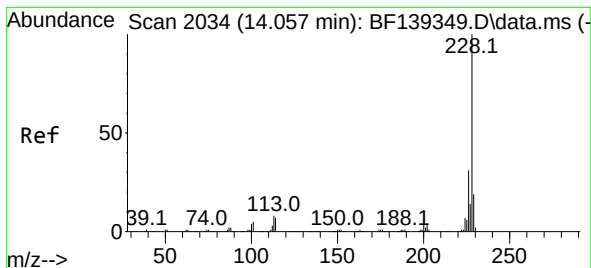
Ion Ratio Lower Upper

252 100

254 62.1 51.4 77.2

126 9.5 7.7 11.5





#83

Chrysene

Concen: 54.659 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

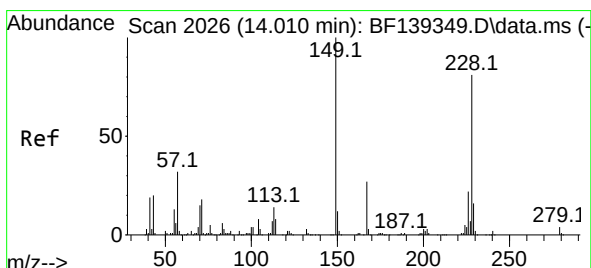
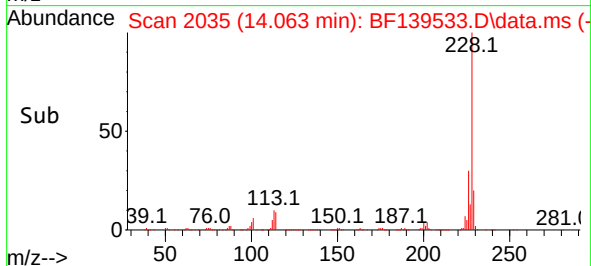
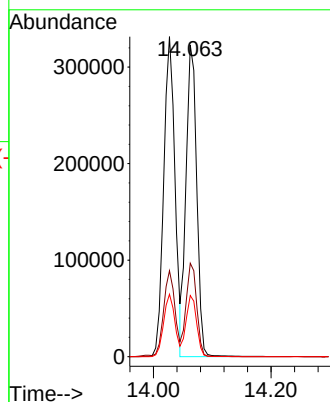
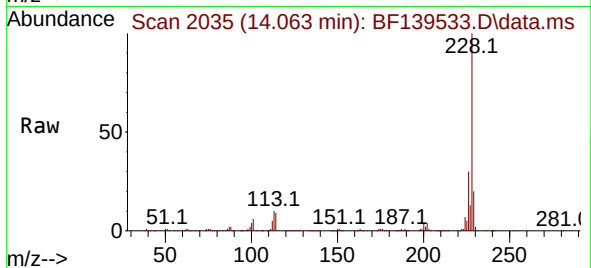
Tgt Ion:	228	Resp:	40909
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	19.6	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.167 ng

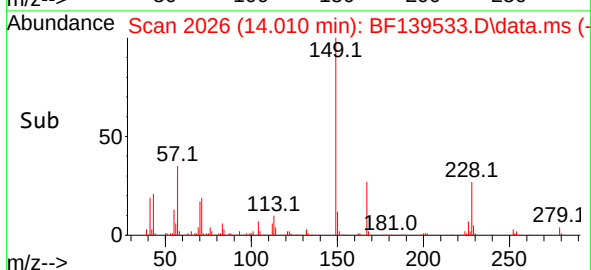
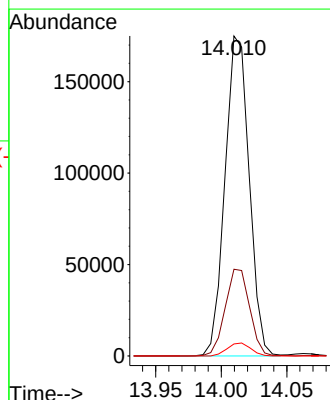
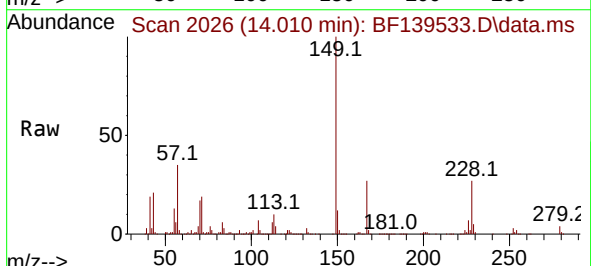
RT: 14.010 min Scan# 2026

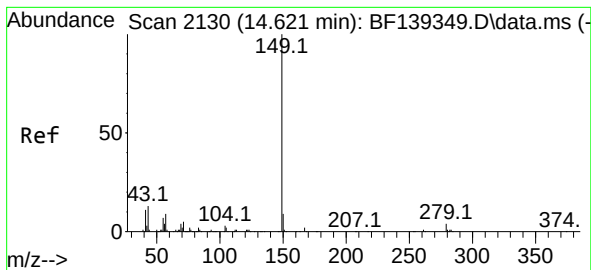
Delta R.T. -0.000 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Tgt Ion:	149	Resp:	224510
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.6	32.4
279	3.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 54.038 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Tgt Ion:149 Resp: 36339

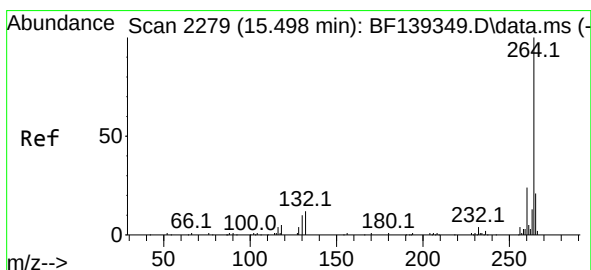
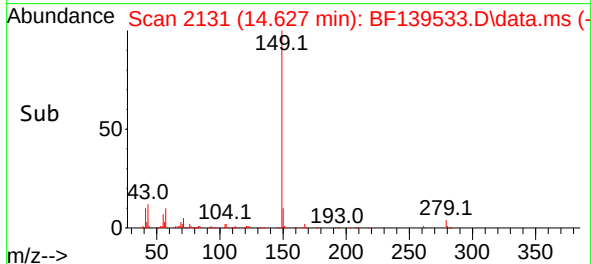
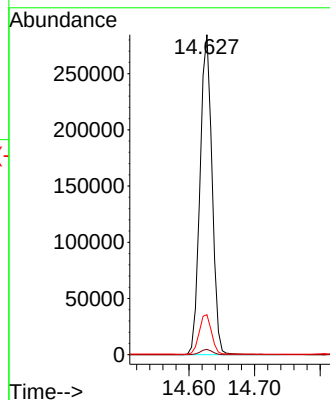
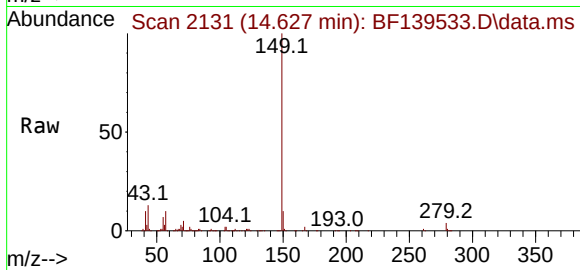
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.8	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

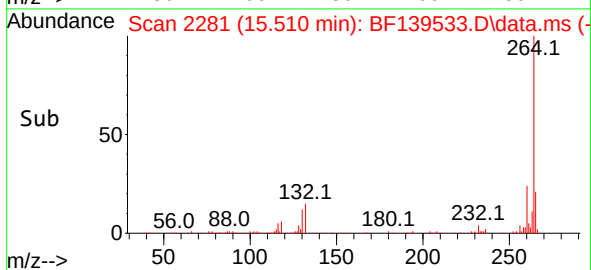
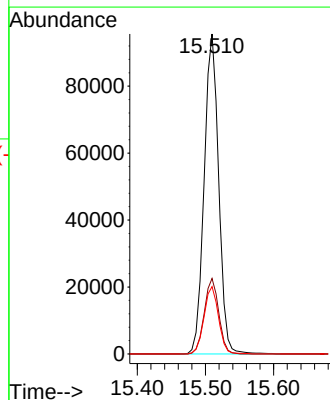
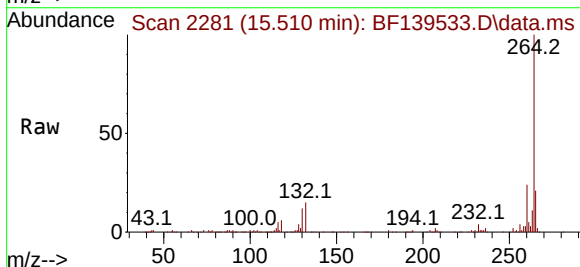
Delta R.T. 0.012 min

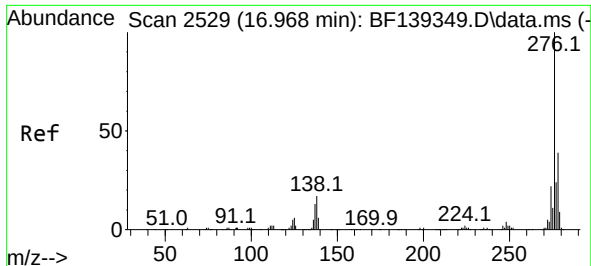
Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Tgt Ion:264 Resp: 141578

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	16.6	25.0





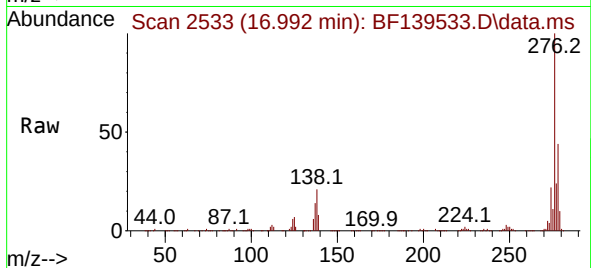
#87
Indeno(1,2,3-cd)pyrene
Concen: 58.233 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

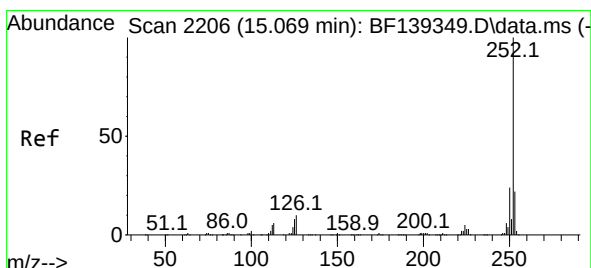
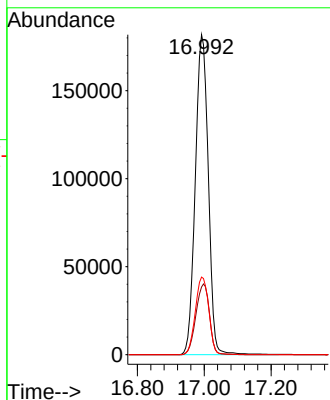
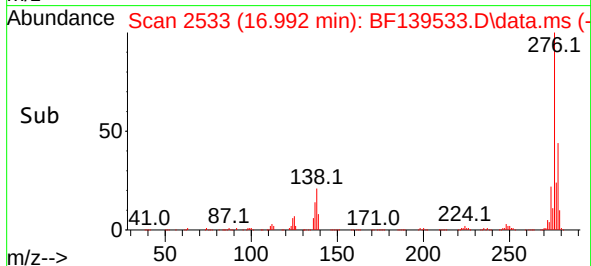


Tgt Ion:276 Resp: 49024
Ion Ratio Lower Upper
276 100
138 23.0 15.4 23.2
277 25.1 20.4 30.6

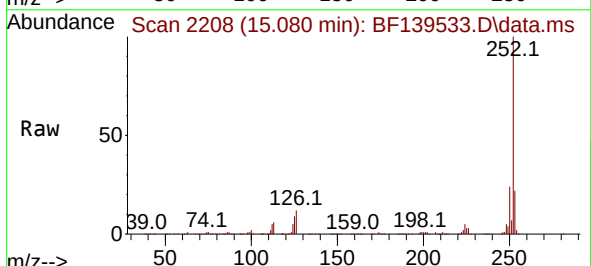
Manual Integrations

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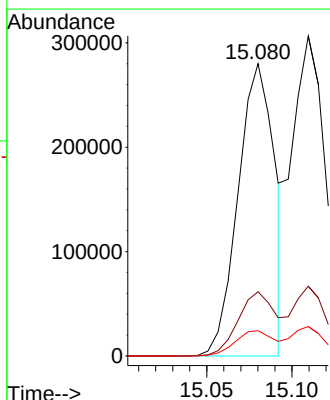
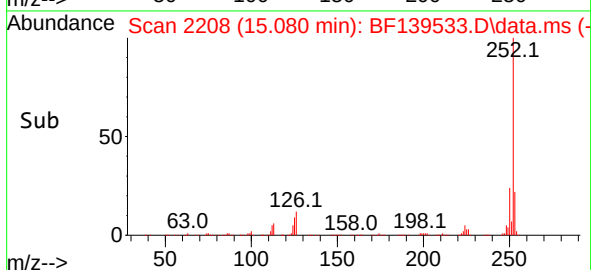
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

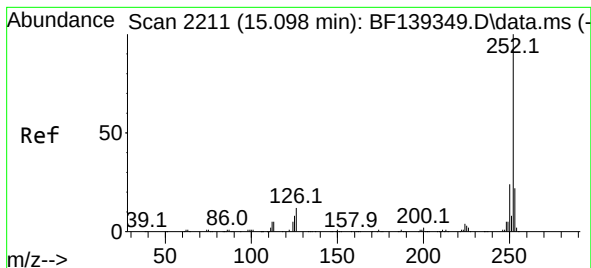


#88
Benzo(b)fluoranthene
Concen: 47.712 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08



Tgt Ion:252 Resp: 416602
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 52.930 ng m

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139533.D

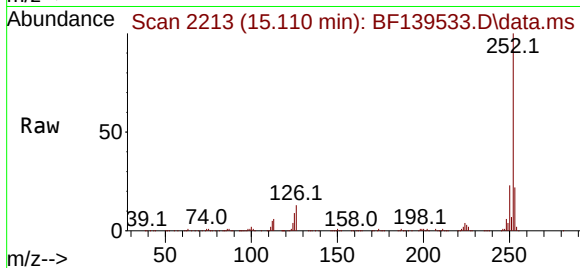
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS



Tgt Ion:252 Resp: 426128

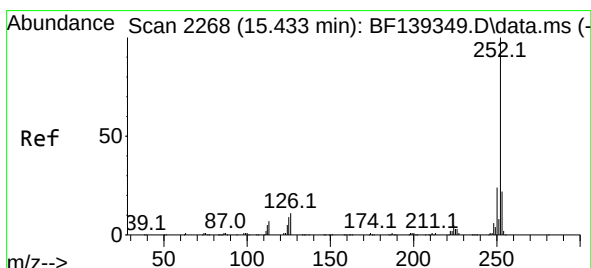
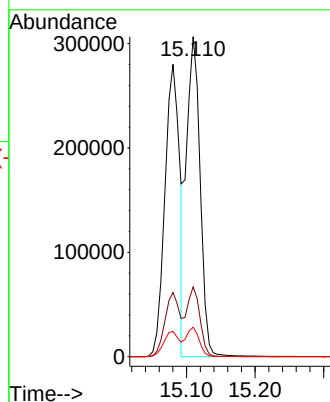
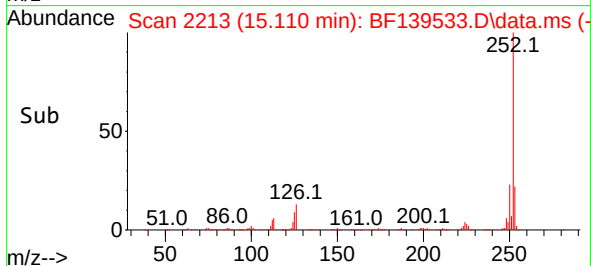
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	9.2	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#90

Benzo(a)pyrene

Concen: 57.050 ng

RT: 15.451 min Scan# 2271

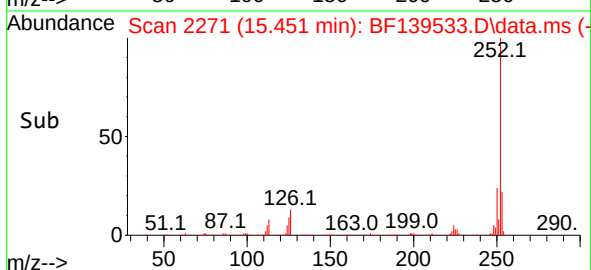
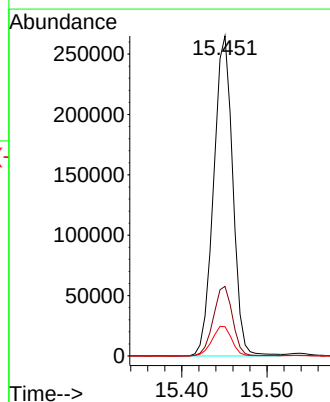
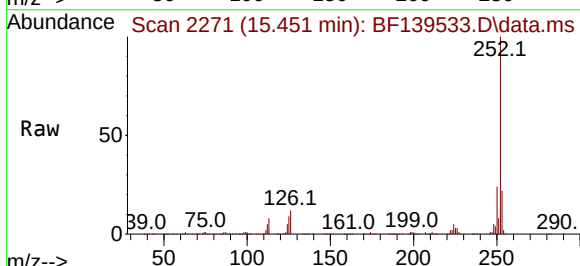
Delta R.T. 0.017 min

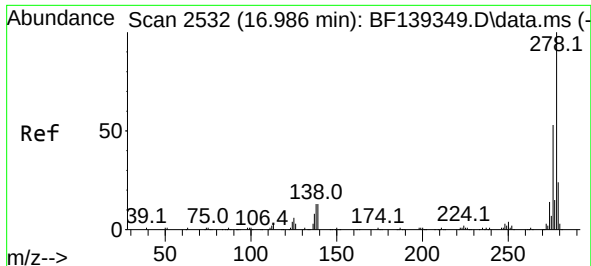
Lab File: BF139533.D

Acq: 25 Sep 2024 17:08

Tgt Ion:252 Resp: 413129

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.2	6.8	10.2





#91
Dibenzo(a,h)anthracene
Concen: 56.278 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB163665BS

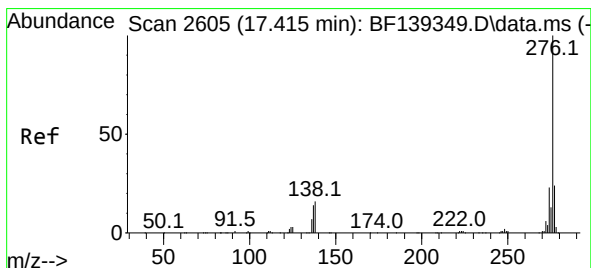
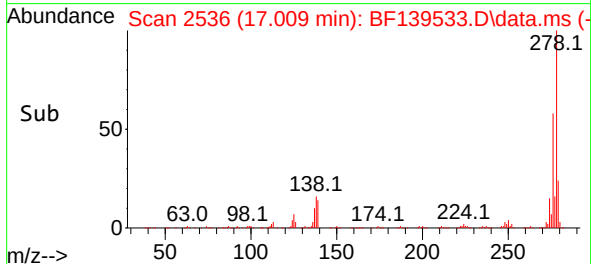
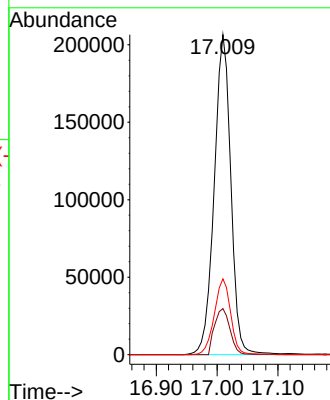
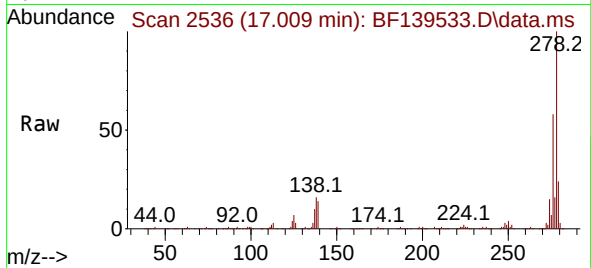
Tgt Ion:278 Resp: 391500
Ion Ratio Lower Upper
278 100
139 14.4 10.2 15.2
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024



#92
Benzo(g,h,i)perylene
Concen: 53.250 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.023 min
Lab File: BF139533.D
Acq: 25 Sep 2024 17:08

Tgt Ion:276 Resp: 366776
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 19.6 13.0 19.6#

