

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139317.D
 Acq On : 11 Sep 2024 11:20
 Operator : RC/JU
 Sample : PB163259BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163259BS

Quant Time: Sep 11 11:42:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	118819	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	444485	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	246640	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	454571	20.000	ng	0.00
76) Chrysene-d12	14.045	240	232797	20.000	ng	0.00
86) Perylene-d12	15.515	264	216721	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	915256	128.860	ng	0.01
7) Phenol-d6	6.516	99	1221986	128.874	ng	0.00
23) Nitrobenzene-d5	7.451	82	804803	94.195	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	322090	151.232	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1499918	93.875	ng	0.00
79) Terphenyl-d14	12.992	244	1472037	102.094	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.798	88	111913	33.835	ng	98
3) Pyridine	3.528	79	299957	37.569	ng	99
4) n-Nitrosodimethylamine	3.493	42	217909	42.029	ng	99
6) Aniline	6.545	93	385493	44.211	ng	# 88
8) 2-Chlorophenol	6.669	128	344303	46.774	ng	98
9) Benzaldehyde	6.434	77	84306	14.688	ng	99
10) Phenol	6.534	94	448884	44.882	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	331061	46.203	ng	100
12) 1,3-Dichlorobenzene	6.828	146	356386	42.774	ng	100
13) 1,4-Dichlorobenzene	6.904	146	360635	43.244	ng	99
14) 1,2-Dichlorobenzene	7.051	146	345175	44.379	ng	100
15) Benzyl Alcohol	7.022	79	332791	48.126	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	618391	45.336	ng	96
17) 2-Methylphenol	7.133	107	276302	45.951	ng	98
18) Hexachloroethane	7.398	117	134898	45.291	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	262984	48.156	ng	98
20) 3+4-Methylphenols	7.286	107	349975	46.182	ng	96
22) Acetophenone	7.292	105	471379	44.515	ng	98
24) Nitrobenzene	7.469	77	390059	43.012	ng	99
25) Isophorone	7.704	82	705481	48.296	ng	100
26) 2-Nitrophenol	7.781	139	176751	49.624	ng	98
27) 2,4-Dimethylphenol	7.816	122	285607	56.225	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	404290	46.454	ng	99
29) 2,4-Dichlorophenol	8.022	162	288610	47.452	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	303645	43.712	ng	100
31) Naphthalene	8.186	128	1007983	44.781	ng	100
32) Benzoic acid	7.933	122	199270	43.067	ng	97
33) 4-Chloroaniline	8.233	127	256247	32.878	ng	99
34) Hexachlorobutadiene	8.304	225	200457	45.541	ng	98
35) Caprolactam	8.604	113	90058m	47.829	ng	
36) 4-Chloro-3-methylphenol	8.716	107	318198	48.009	ng	99
37) 2-Methylnaphthalene	8.880	142	666196	47.305	ng	98
38) 1-Methylnaphthalene	8.980	142	617162	44.559	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	310428	44.486	ng	98
41) Hexachlorocyclopentadiene	9.033	237	398203	177.563	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	221877	48.597	ng	99

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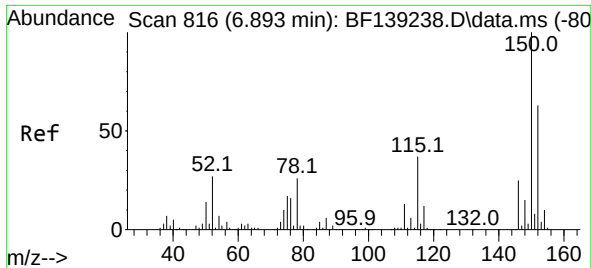
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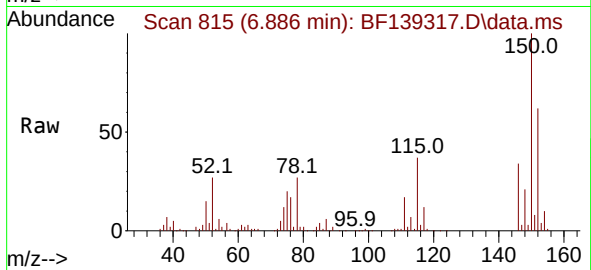
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	225268	47.083	ng	99
46) 1,1'-Biphenyl	9.345	154	816935	44.706	ng	99
47) 2-Chloronaphthalene	9.369	162	620144	44.944	ng	100
48) 2-Nitroaniline	9.463	65	229129	48.211	ng	97
49) Acenaphthylene	9.786	152	1000585	48.146	ng	99
50) Dimethylphthalate	9.645	163	727045	48.635	ng	99
51) 2,6-Dinitrotoluene	9.710	165	157415	46.417	ng	98
52) Acenaphthene	9.957	154	722772	52.436	ng	99
53) 3-Nitroaniline	9.874	138	126509	35.012	ng	95
54) 2,4-Dinitrophenol	9.980	184	178204	98.385	ng	# 72
55) Dibenzofuran	10.127	168	923940	46.753	ng	99
56) 4-Nitrophenol	10.039	139	270847	101.559	ng	97
57) 2,4-Dinitrotoluene	10.110	165	210992	48.881	ng	97
58) Fluorene	10.474	166	714771	46.650	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	191697	50.900	ng	99
60) Diethylphthalate	10.345	149	724564	49.252	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	348108	47.112	ng	98
62) 4-Nitroaniline	10.492	138	165634	48.157	ng	98
63) Azobenzene	10.621	77	741570	47.828	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	111993	53.320	ng	92
66) n-Nitrosodiphenylamine	10.586	169	620892	46.924	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	208492	47.273	ng	97
68) Hexachlorobenzene	11.016	284	231519	45.855	ng	97
69) Atrazine	11.110	200	198169	64.914	ng	100
70) Pentachlorophenol	11.210	266	280036	96.017	ng	99
71) Phenanthrene	11.433	178	1009081	47.518	ng	99
72) Anthracene	11.486	178	1025146	49.418	ng	100
73) Carbazole	11.639	167	924121	47.664	ng	100
74) Di-n-butylphthalate	11.968	149	1070727	53.936	ng	100
75) Fluoranthene	12.621	202	1037754	48.745	ng	100
77) Benzidine	12.739	184	279885	59.709	ng	99
78) Pyrene	12.851	202	1051919	46.776	ng	100
80) Butylbenzylphthalate	13.468	149	343727	64.928	ng	98
81) Benzo(a)anthracene	14.033	228	734668	49.422	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	169569	42.953	ng	99
83) Chrysene	14.074	228	647805	46.692	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	395954	63.723	ng	100
85) Di-n-octyl phthalate	14.639	149	611576	51.408	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	663398	48.999	ng	97
88) Benzo(b)fluoranthene	15.086	252	638707	51.175	ng	100
89) Benzo(k)fluoranthene	15.115	252	519519	46.424	ng	100
90) Benzo(a)pyrene	15.456	252	554330	52.305	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	540817	48.472	ng	99
92) Benzo(g,h,i)perylene	17.450	276	503293	43.701	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.007 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

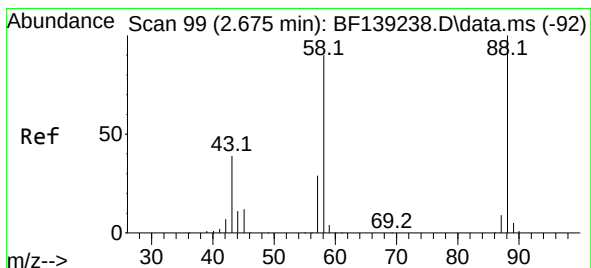
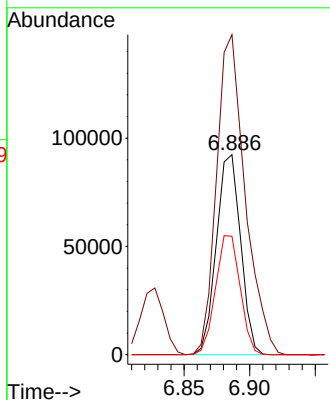
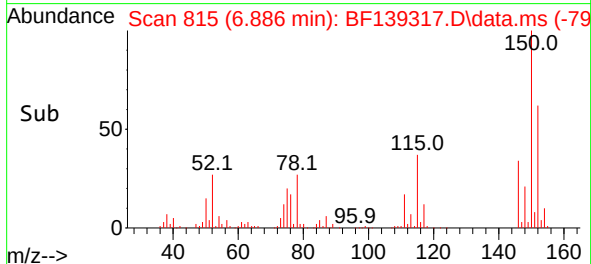
Instrument :
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ClientSampleId :
PB163259BS



Tgt Ion:152 Resp: 118819
Ion Ratio Lower Upper
152 100
150 160.1 127.0 190.4
115 59.2 46.9 70.3

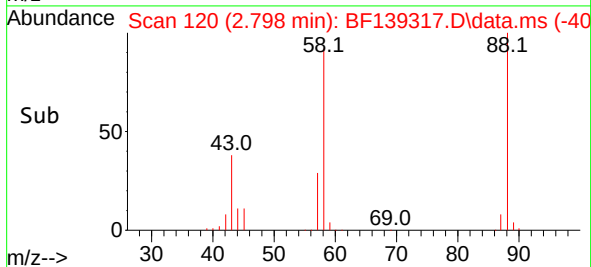
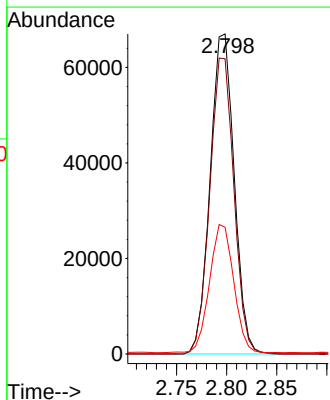
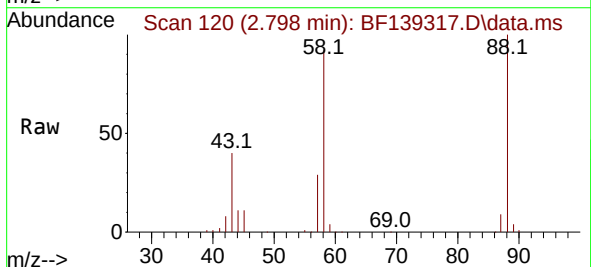
Manual Integrations
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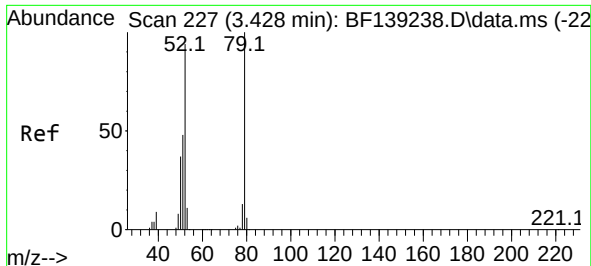
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#2
1,4-Dioxane
Concen: 33.835 ng
RT: 2.798 min Scan# 120
Delta R.T. 0.123 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

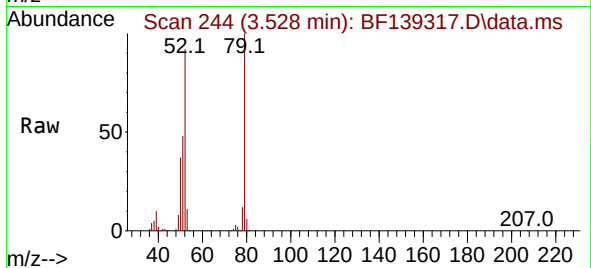
Tgt Ion: 88 Resp: 111913
Ion Ratio Lower Upper
88 100
58 92.7 72.5 108.7
43 40.3 31.4 47.2





#3
Pyridine
Concen: 37.569 ng
RT: 3.528 min Scan# 244
Delta R.T. 0.100 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

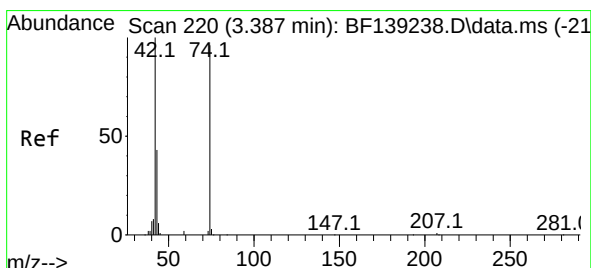
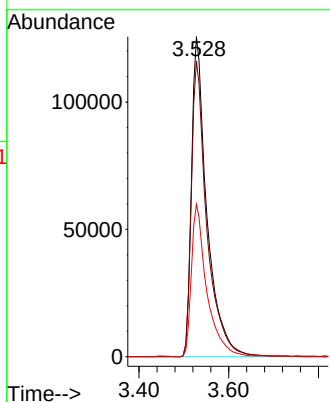
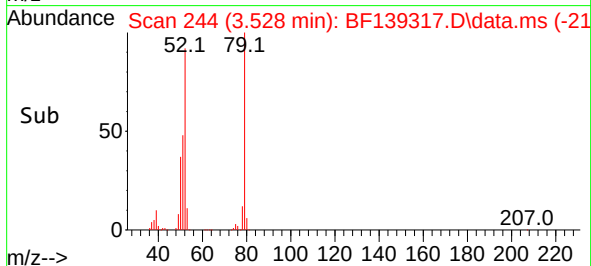
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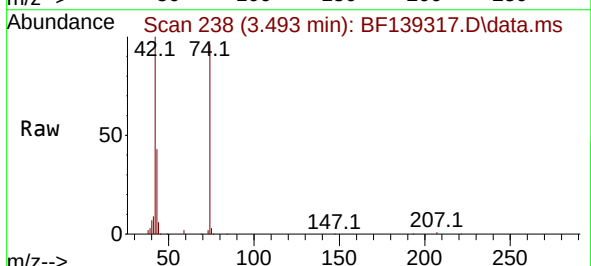
Tgt Ion: 79 Resp: 29995
Ion Ratio Lower Upper
79 100
52 92.3 75.3 112.9
51 47.6 38.2 57.2

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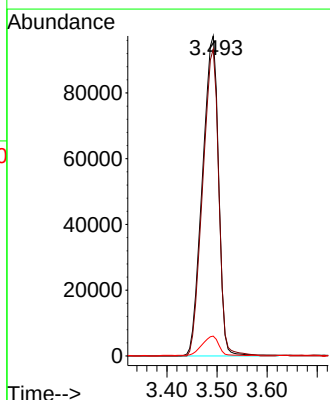
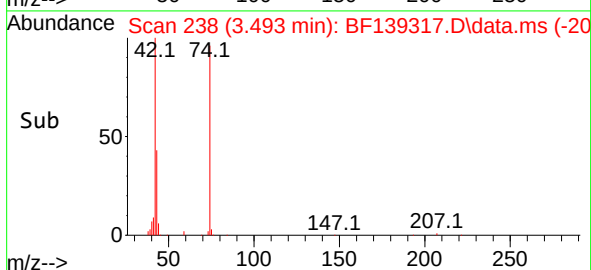
Reviewed By :Jagrut Upadhyay 09/12/2024
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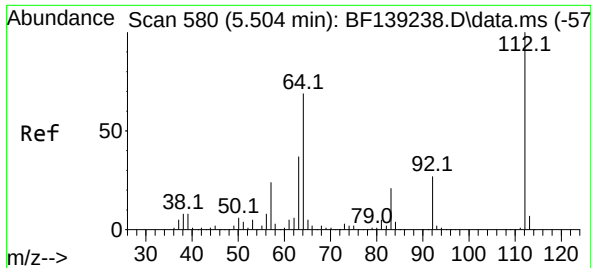


#4
n-Nitrosodimethylamine
Concen: 42.029 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.106 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion: 42 Resp: 217909
Ion Ratio Lower Upper
42 100
74 95.9 77.2 115.8
44 6.2 5.1 7.7





#5
2-Fluorophenol
Concen: 128.860 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

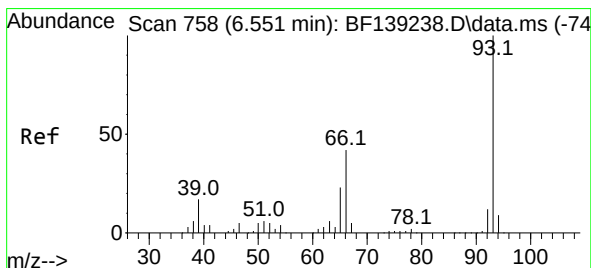
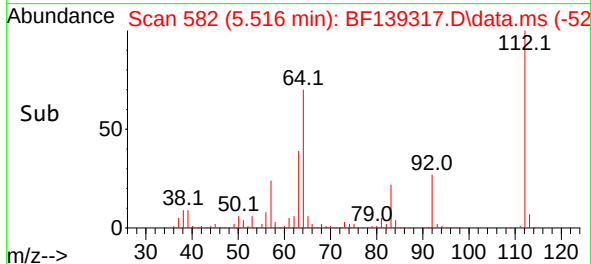
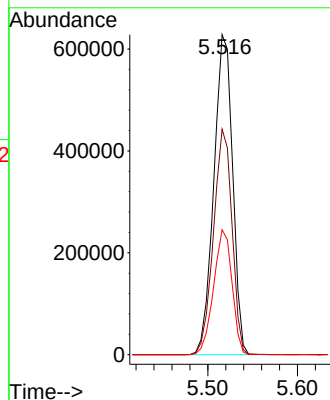
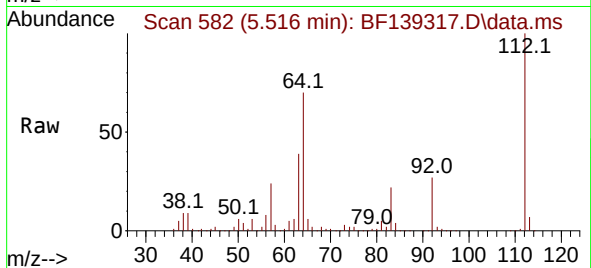
PB163259BS

Tgt Ion:112 Resp: 915250
Ion Ratio Lower Upper
112 100
64 70.5 55.0 82.4
63 39.1 29.9 44.9

Manual Integrations

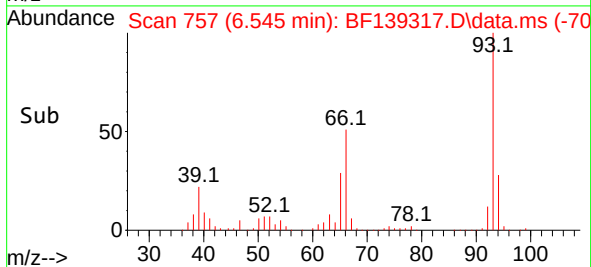
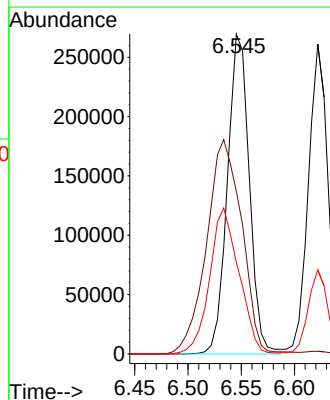
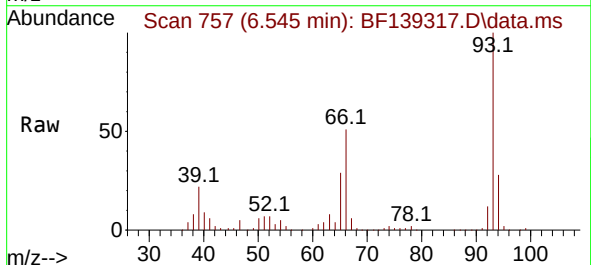
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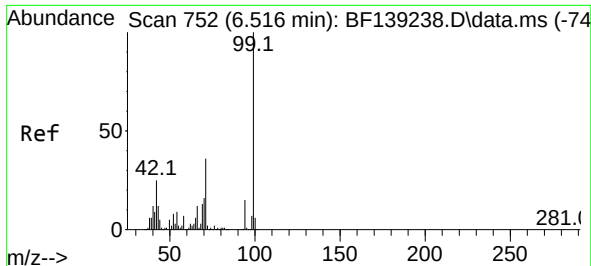
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#6
Aniline
Concen: 44.211 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

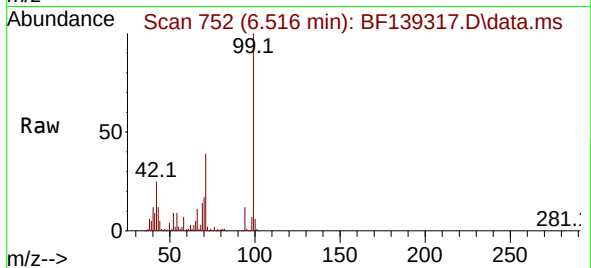
Tgt Ion: 93 Resp: 385493
Ion Ratio Lower Upper
93 100
66 50.8 34.4 51.6
65 28.5 18.2 27.4





#7
Phenol-d6
Concen: 128.874 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

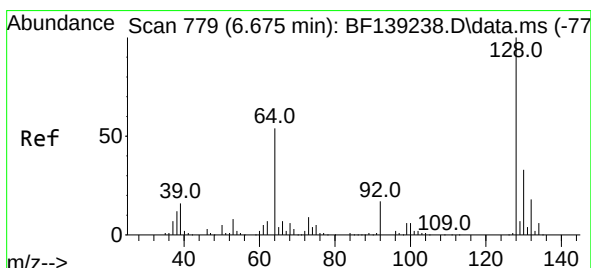
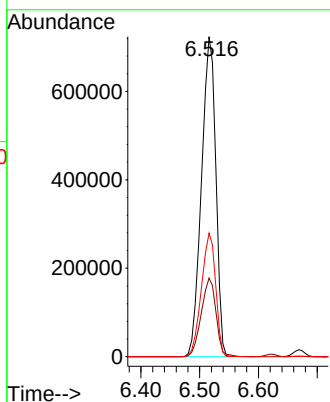
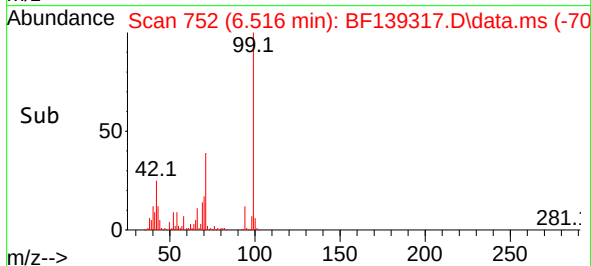
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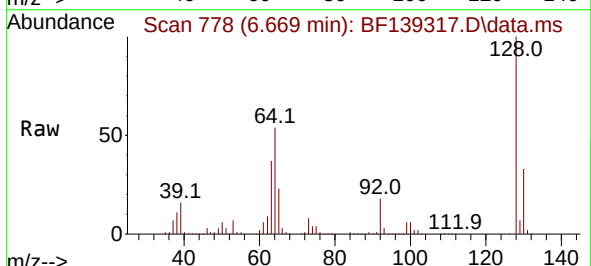
Tgt Ion: 99 Resp: 122198
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 38.6 28.8 43.2

Manual Integrations
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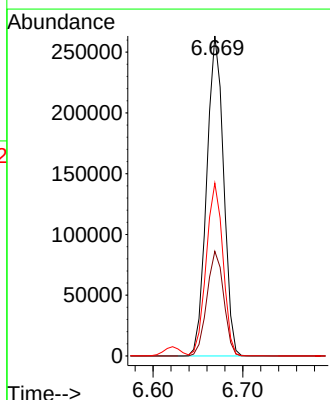
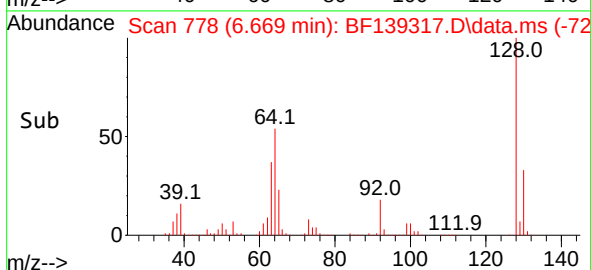
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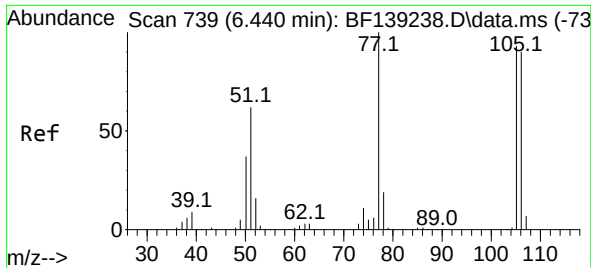


#8
2-Chlorophenol
Concen: 46.774 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion:128 Resp: 344303
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 54.0 36.6 76.6





#9
Benzaldehyde
Concen: 14.688 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

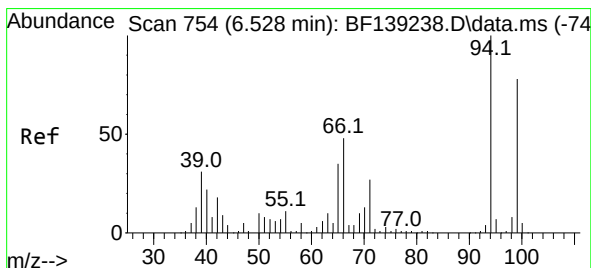
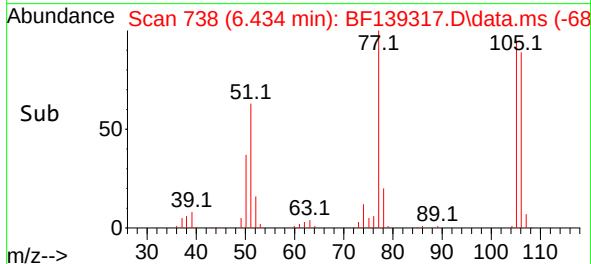
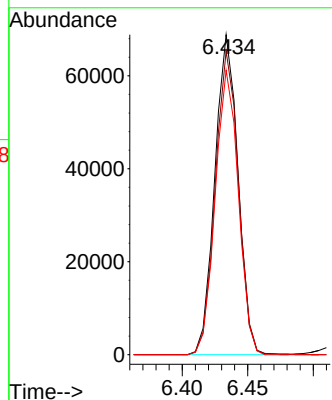
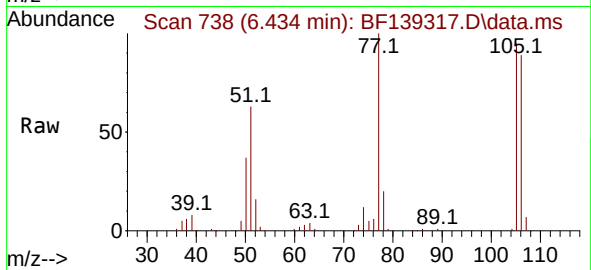
PB163259BS

Tgt Ion: 77 Resp: 84300
Ion Ratio Lower Upper
77 100
105 94.8 72.9 112.9
106 88.9 69.6 109.6

Manual Integrations

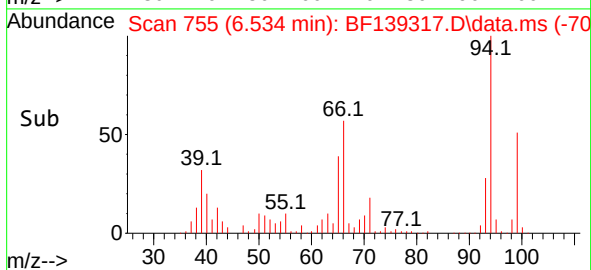
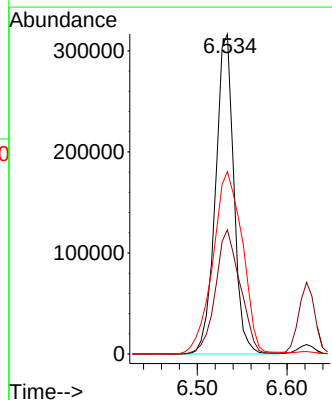
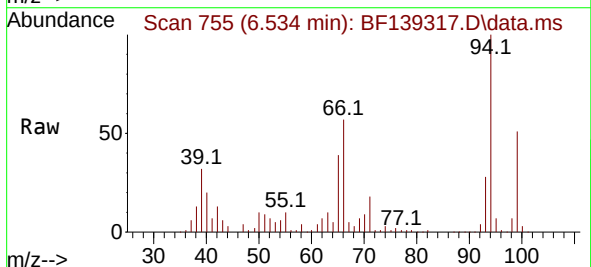
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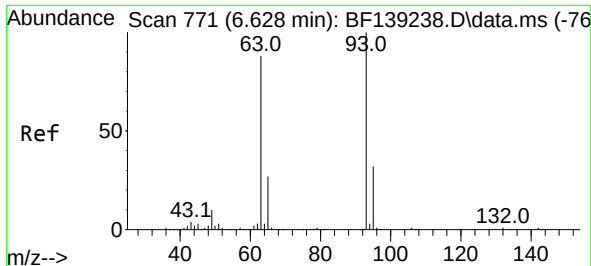
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#10
Phenol
Concen: 44.882 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion: 94 Resp: 448884
Ion Ratio Lower Upper
94 100
65 38.8 14.7 54.7
66 57.0 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 46.203 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

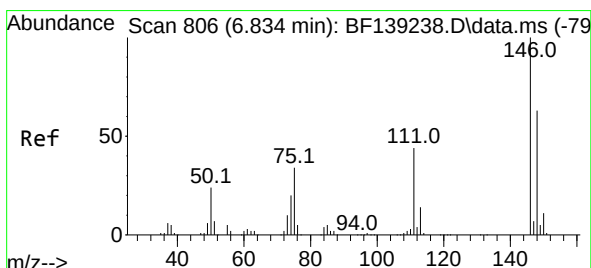
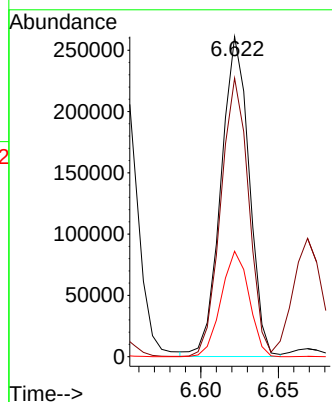
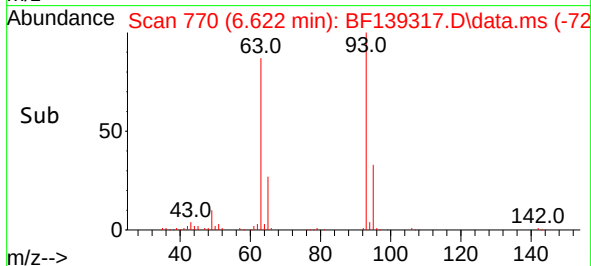
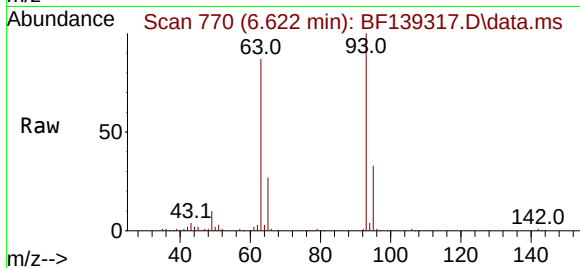
ClientSampleId :

PB163259BS

Tgt Ion: 93 Resp: 33106
Ion Ratio Lower Upper
93 100
63 87.1 67.1 107.1
95 33.0 12.2 52.2

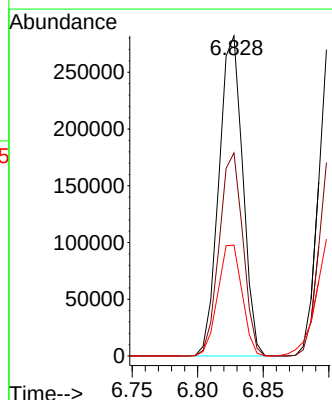
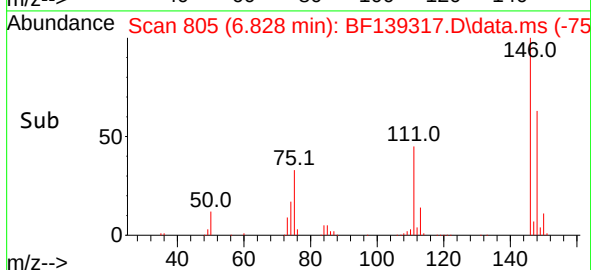
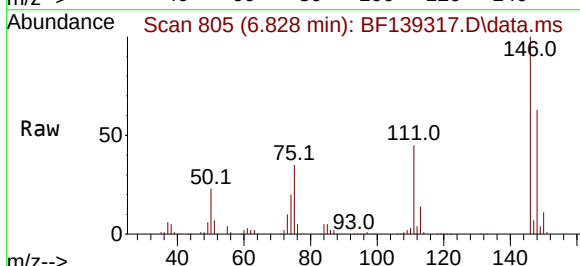
Manual Integrations
APPROVED

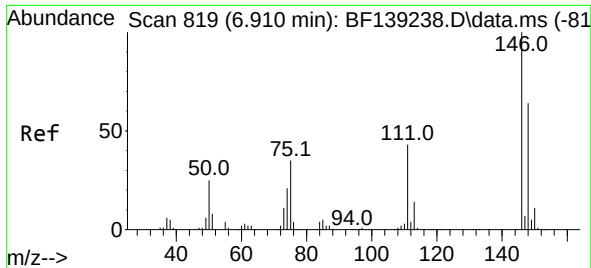
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#12
1,3-Dichlorobenzene
Concen: 42.774 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:146 Resp: 356386
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
75 34.7 27.3 40.9





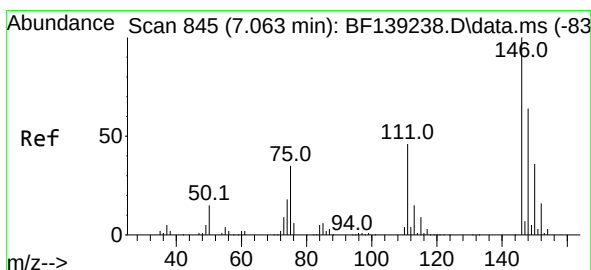
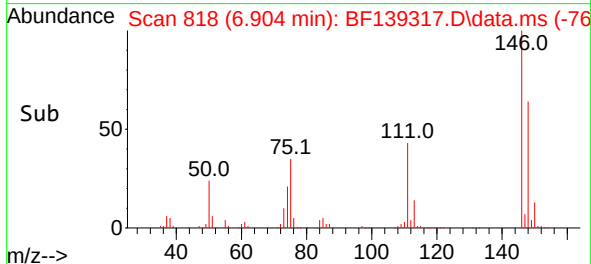
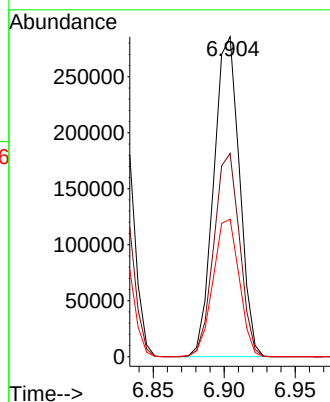
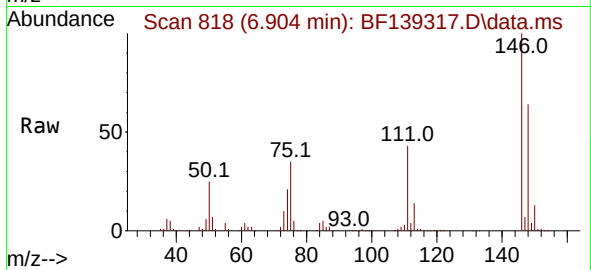
#13
1,4-Dichlorobenzene
Concen: 43.244 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB163259BS

Tgt Ion:146 Resp: 36063
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 43.0 34.6 51.8

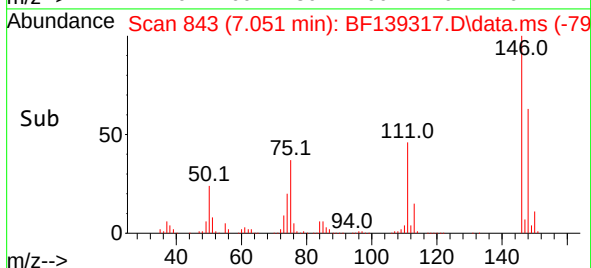
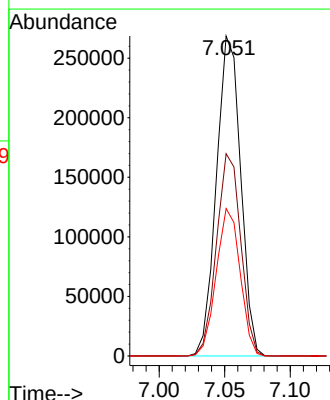
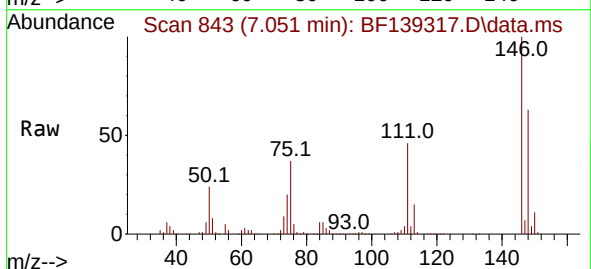
Manual Integrations
APPROVED

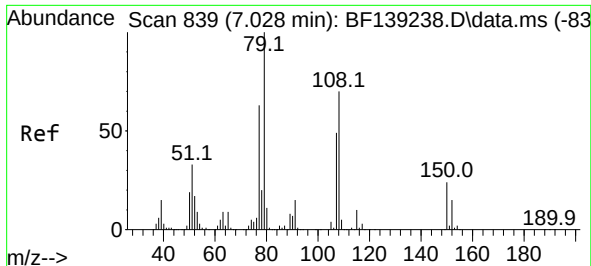
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#14
1,2-Dichlorobenzene
Concen: 44.379 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

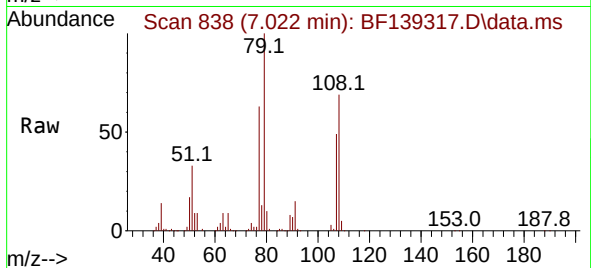
Tgt Ion:146 Resp: 345175
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
111 46.0 36.6 55.0





#15
Benzyl Alcohol
Concen: 48.126 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

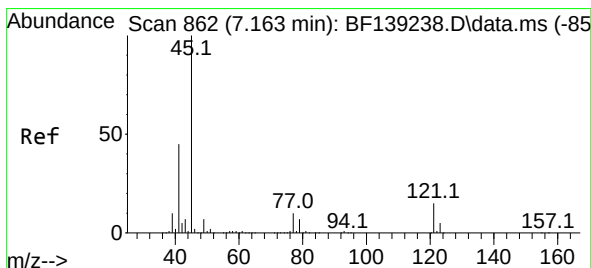
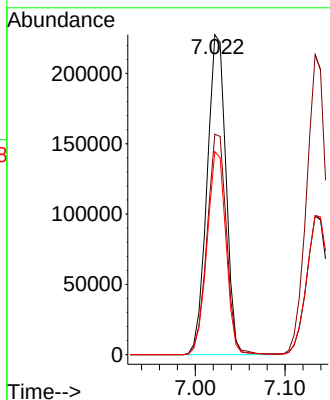
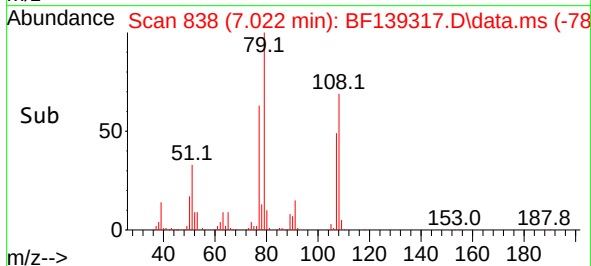
Instrument :
BNA_F
ClientSampleId :
PB163259BS



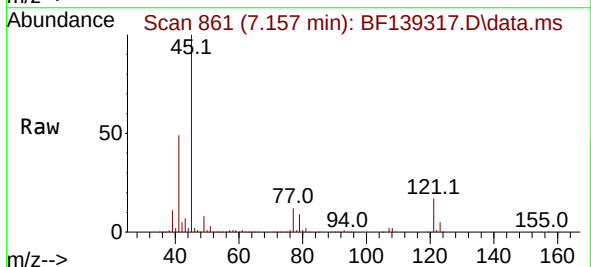
Tgt Ion: 79 Resp: 33279
Ion Ratio Lower Upper
79 100
108 68.9 56.1 84.1
77 63.5 50.6 76.0

Manual Integrations
APPROVED

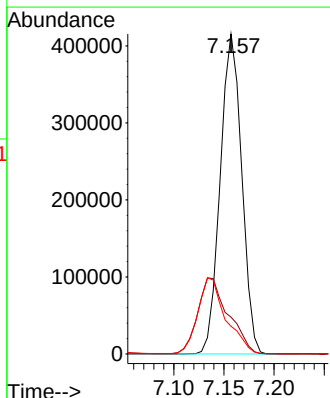
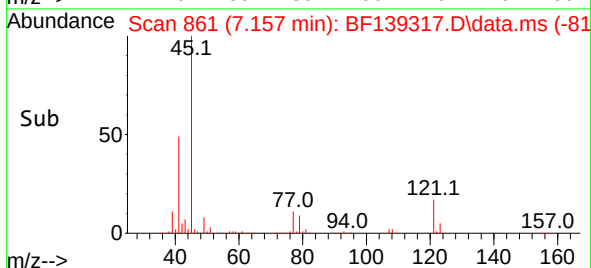
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

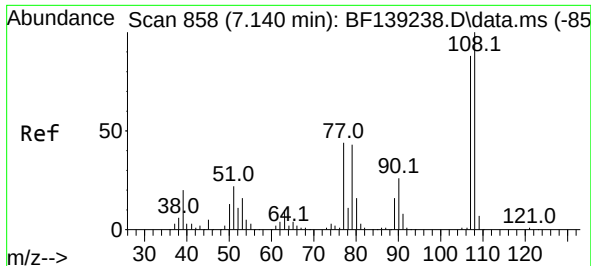


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.336 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion: 45 Resp: 618391
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.0
79 8.7 0.0 27.6





#17
2-Methylphenol
Concen: 45.951 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

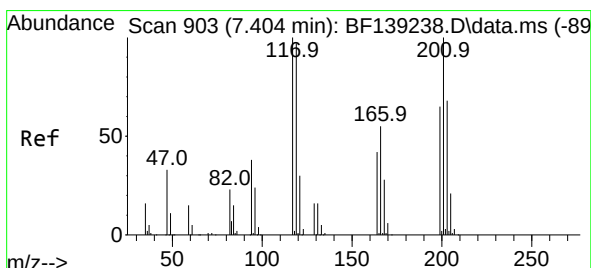
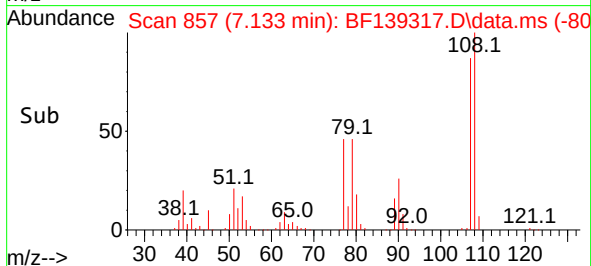
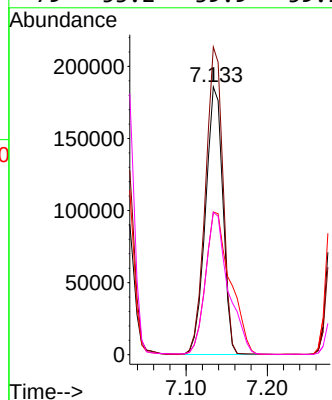
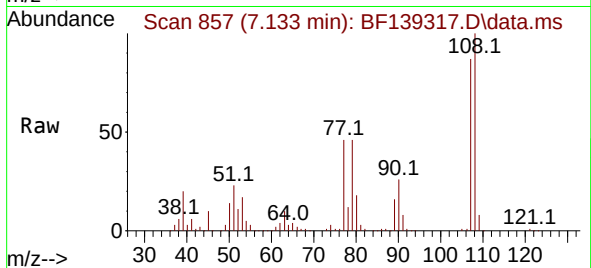
PB163259BS

Tgt Ion:107 Resp: 27630
Ion Ratio Lower Upper
107 100
108 114.8 91.4 137.2
77 53.3 40.1 60.1
79 53.2 39.9 59.9

Manual Integrations

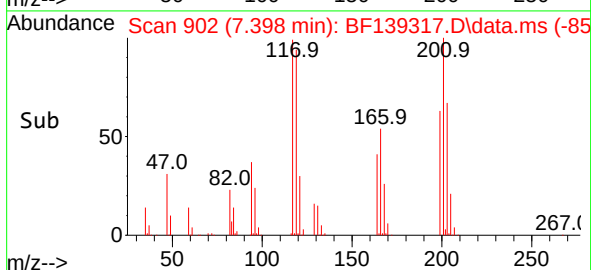
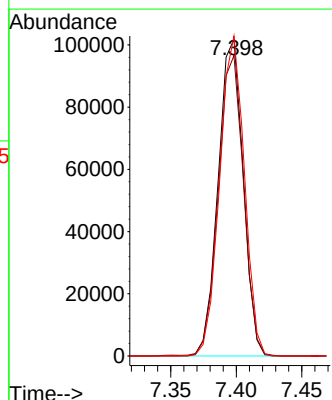
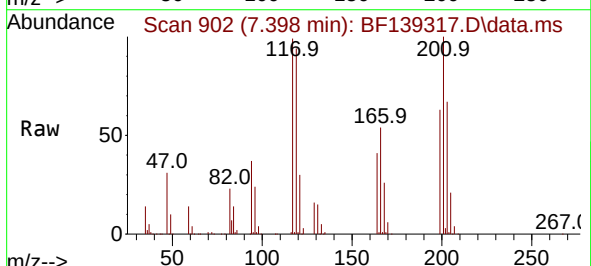
APPROVED

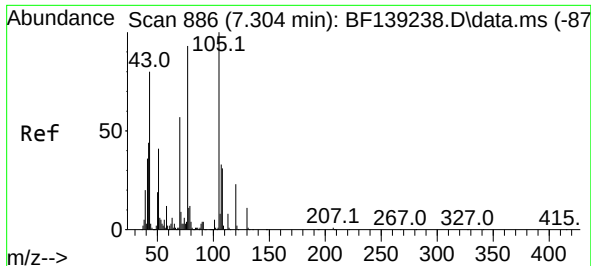
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#18
Hexachloroethane
Concen: 45.291 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

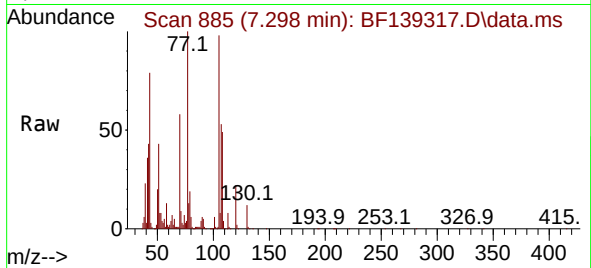
Tgt Ion:117 Resp: 134898
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.2
201 101.0 80.0 120.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.156 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

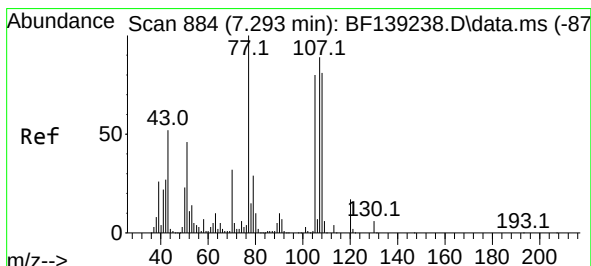
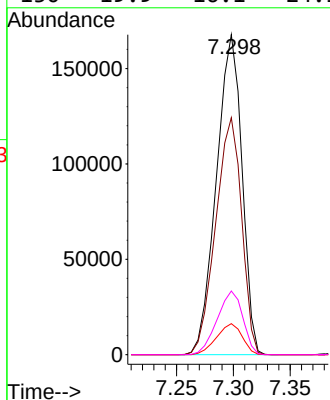
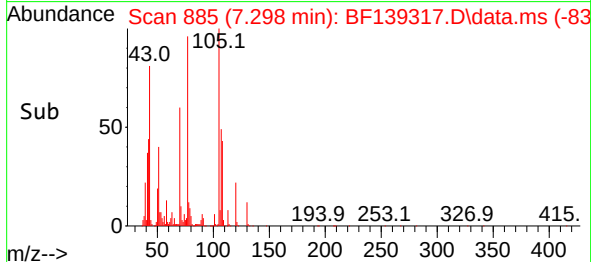
Instrument :
BNA_F
ClientSampleId :
PB163259BS



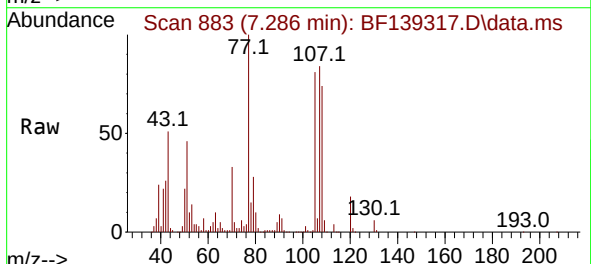
Tgt Ion: 70 Resp: 262984
Ion Ratio Lower Upper
70 100
42 74.0 61.0 91.6
101 9.7 7.2 10.8
130 19.9 16.1 24.1

Manual Integrations
APPROVED

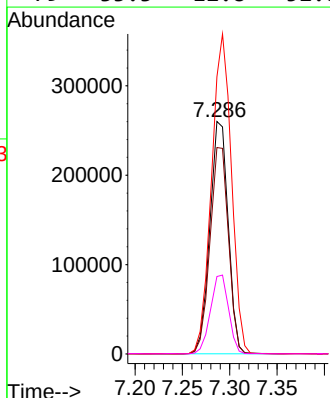
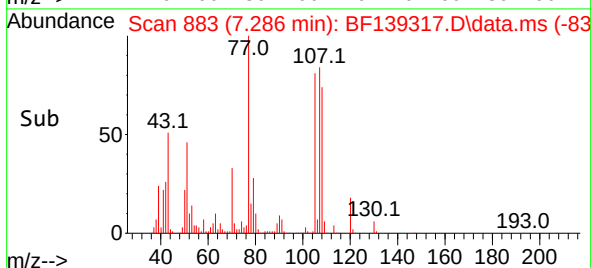
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

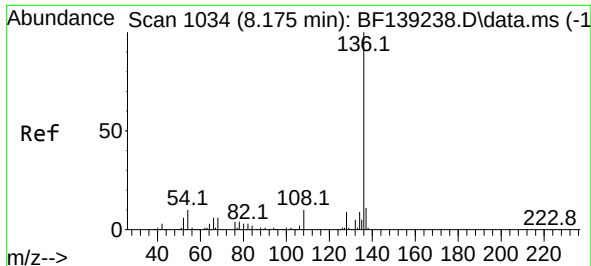


#20
3+4-Methylphenols
Concen: 46.182 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion:107 Resp: 349975
Ion Ratio Lower Upper
107 100
108 88.8 70.4 110.4
77 119.2 92.2 132.2
79 33.3 12.8 52.8





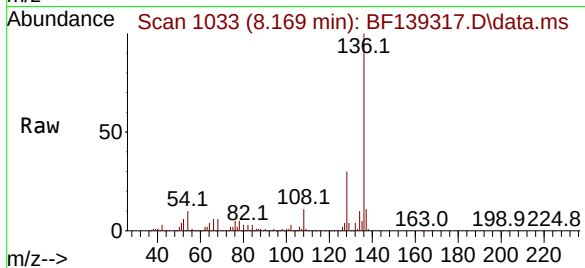
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

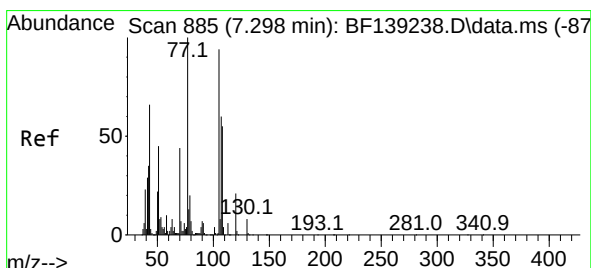
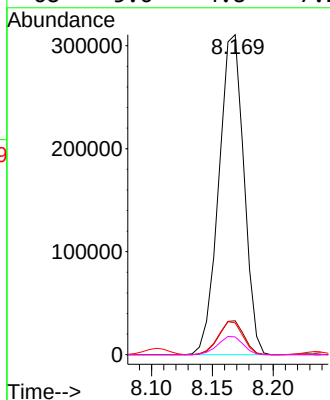
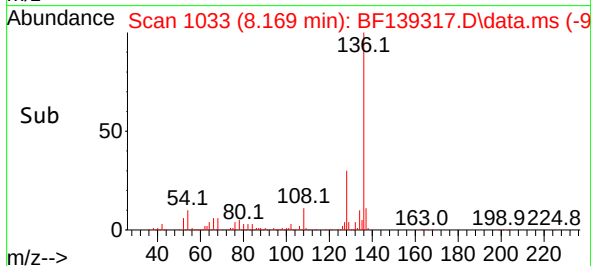


Tgt Ion:136 Resp: 444485
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.9 8.4 12.6
68 5.6 4.8 7.2

Manual Integrations

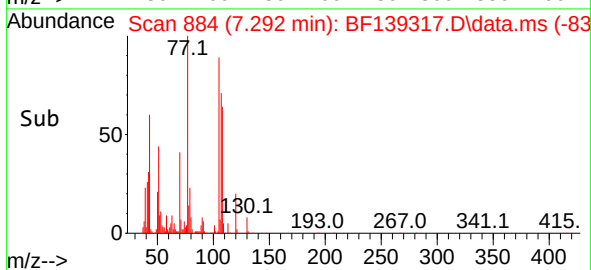
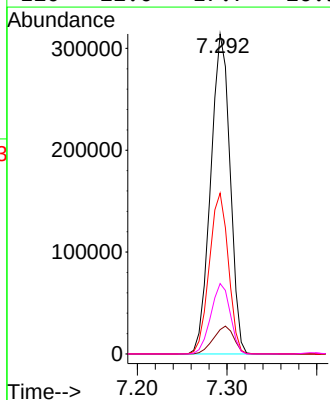
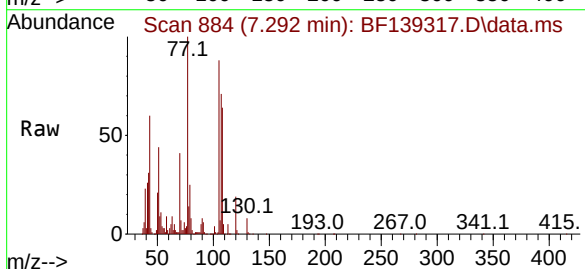
APPROVED

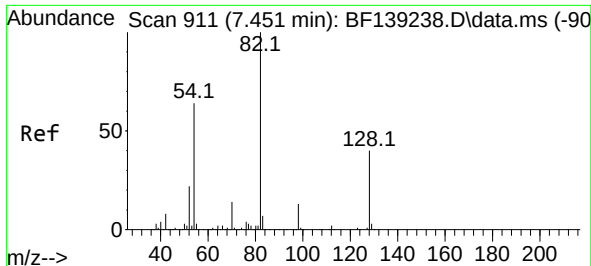
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#22
Acetophenone
Concen: 44.515 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:105 Resp: 471379
Ion Ratio Lower Upper
105 100
71 7.6 6.2 9.2
51 50.3 38.2 57.2
120 22.0 17.7 26.5





#23
Nitrobenzene-d5
Concen: 94.195 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

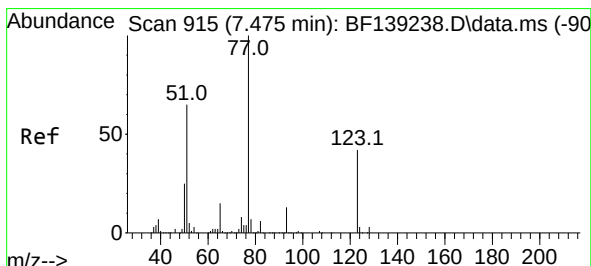
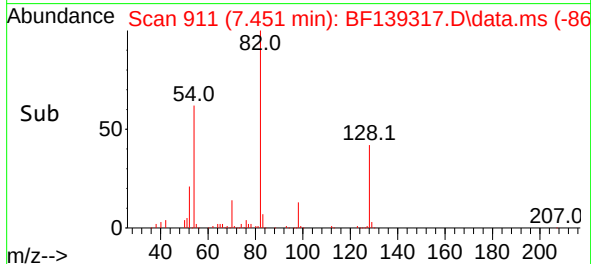
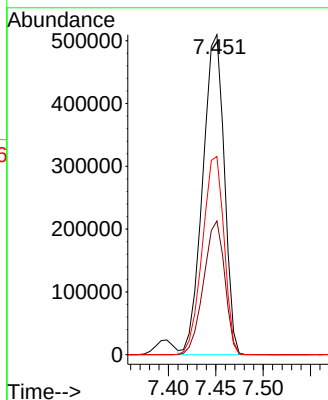
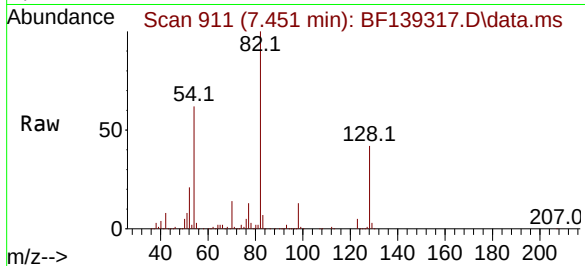
ClientSampleId :

PB163259BS

Tgt Ion: 82 Resp: 80480
Ion Ratio Lower Upper
82 100
128 41.8 32.3 48.5
54 62.0 51.2 76.8

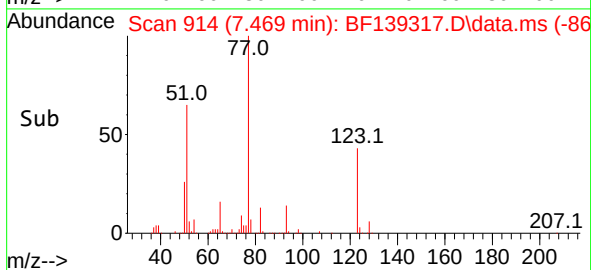
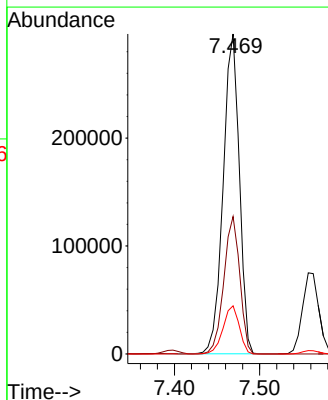
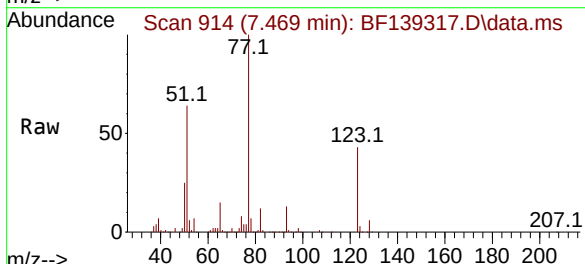
Manual Integrations
APPROVED

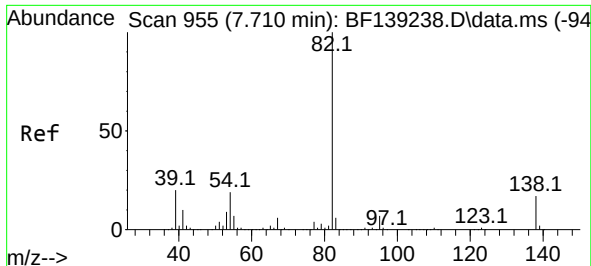
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#24
Nitrobenzene
Concen: 43.012 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

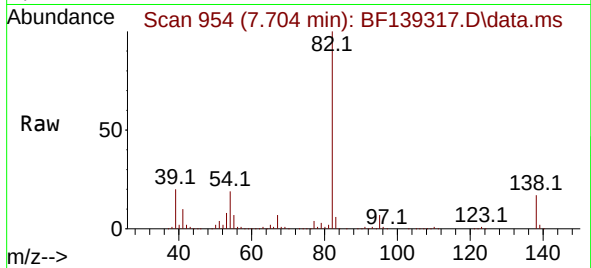
Tgt Ion: 77 Resp: 390059
Ion Ratio Lower Upper
77 100
123 42.9 34.0 51.0
65 15.1 12.1 18.1





#25
Isophorone
Concen: 48.296 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

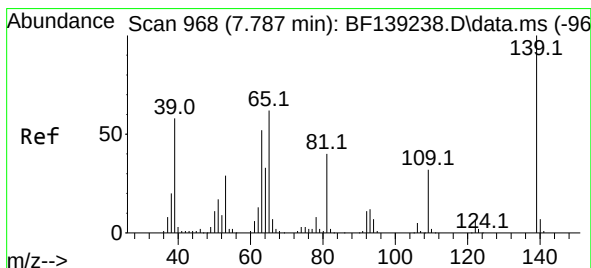
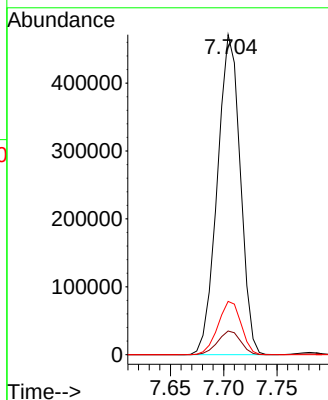
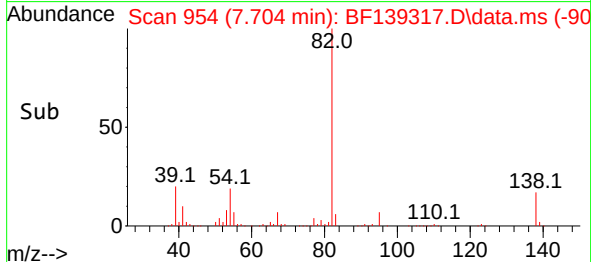
Instrument :
BNA_F
ClientSampleId :
PB163259BS



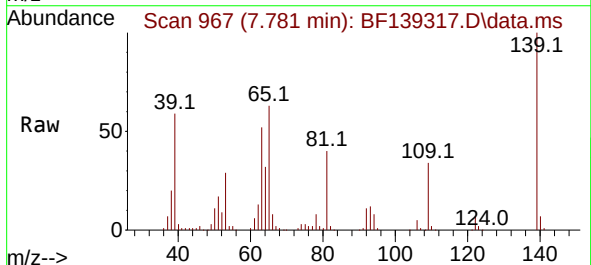
Tgt Ion: 82 Resp: 70548
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.6 13.4 20.0

Manual Integrations
APPROVED

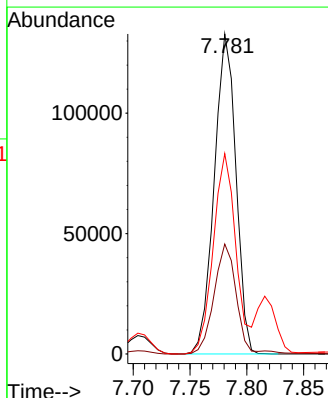
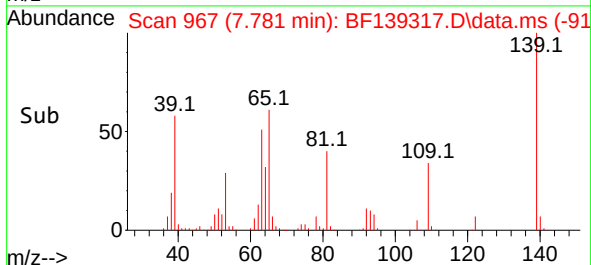
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

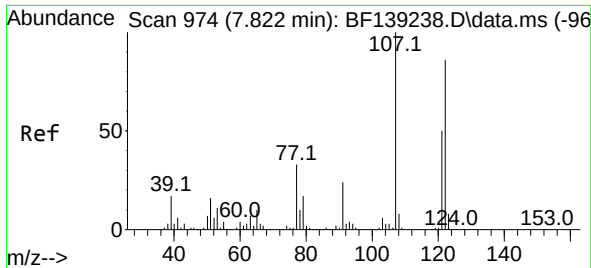


#26
2-Nitrophenol
Concen: 49.624 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion:139 Resp: 176751
Ion Ratio Lower Upper
139 100
109 34.3 25.4 38.2
65 62.6 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 56.225 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

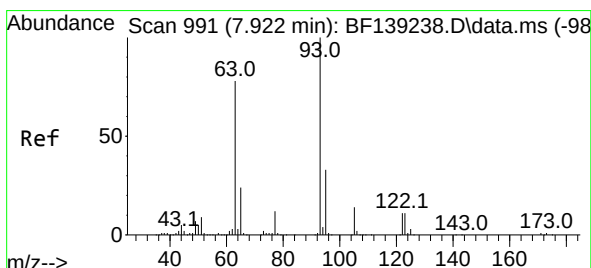
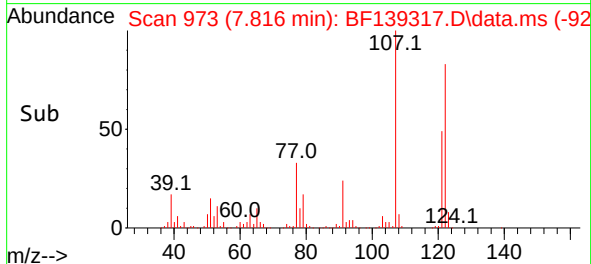
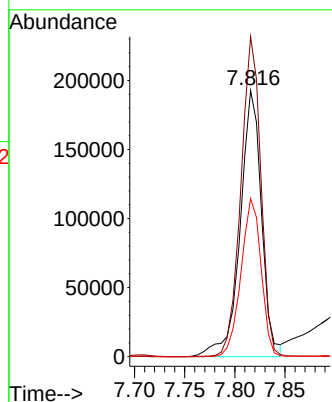
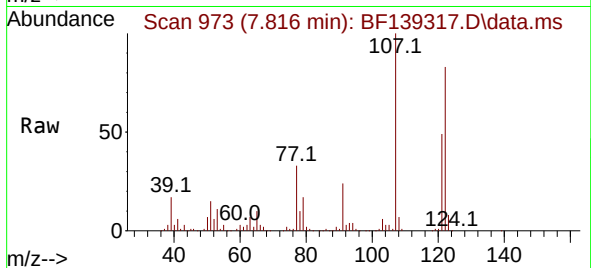
PB163259BS

Tgt Ion:122 Resp: 28560
Ion Ratio Lower Upper
122 100
107 120.2 93.4 140.2
121 59.4 46.6 70.0

Manual Integrations

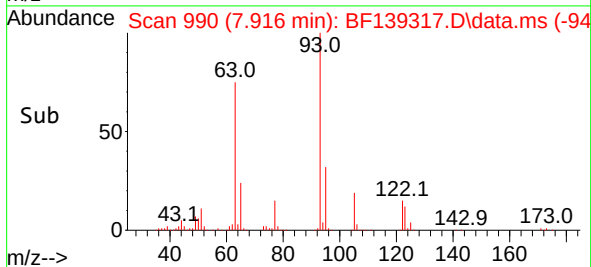
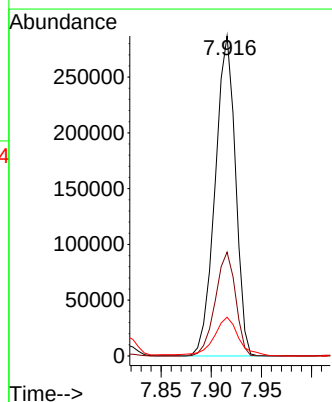
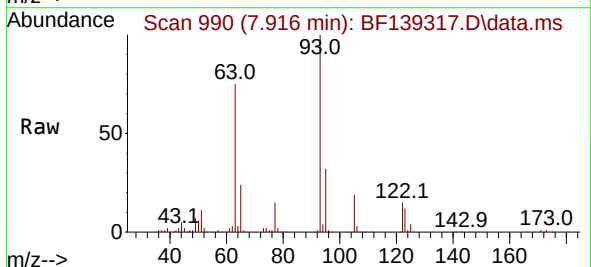
APPROVED

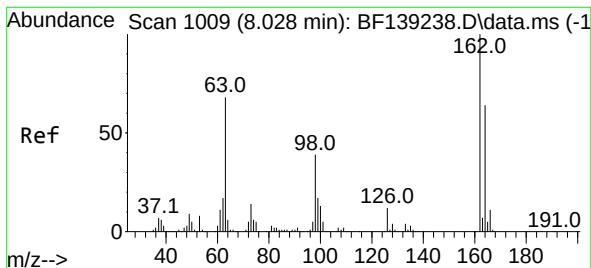
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.454 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion: 93 Resp: 404290
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.452 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

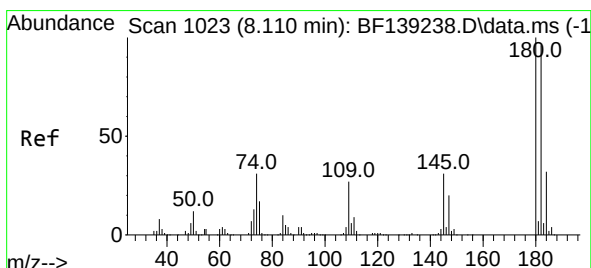
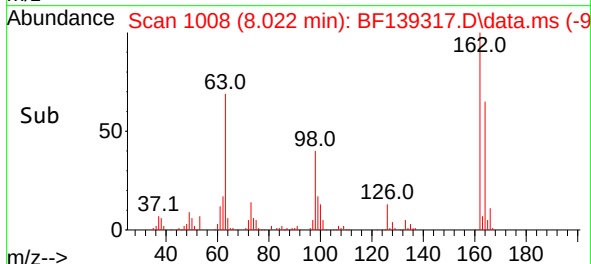
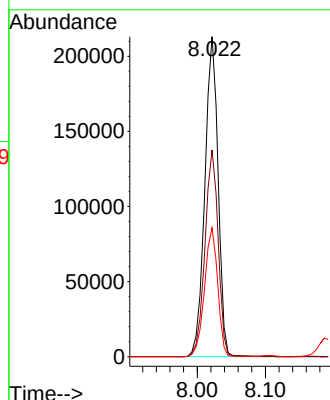
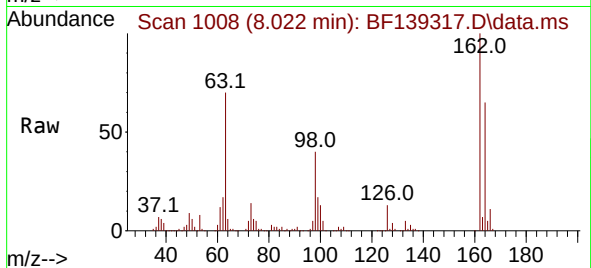
PB163259BS

Tgt Ion:162 Resp: 288610
 Ion Ratio Lower Upper
 162 100
 164 64.6 43.6 83.6
 98 40.3 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.712 ng

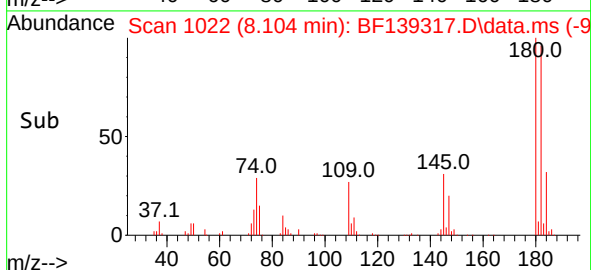
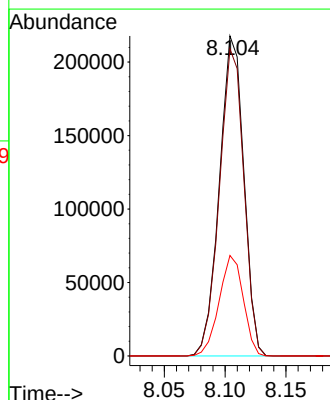
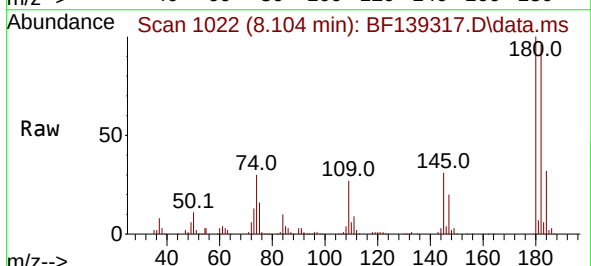
RT: 8.104 min Scan# 1022

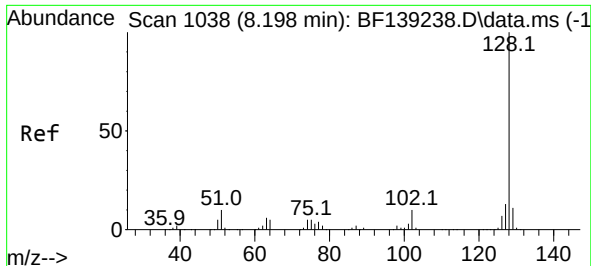
Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Tgt Ion:180 Resp: 303645
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.5 114.7
 145 31.4 25.1 37.7





#31
Naphthalene
Concen: 44.781 ng
RT: 8.186 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

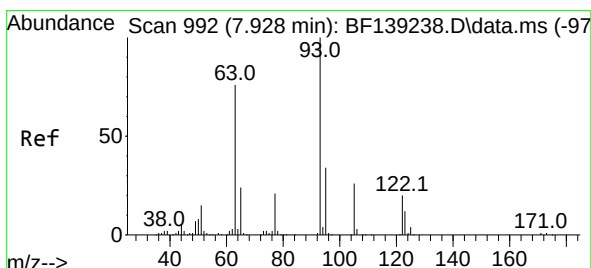
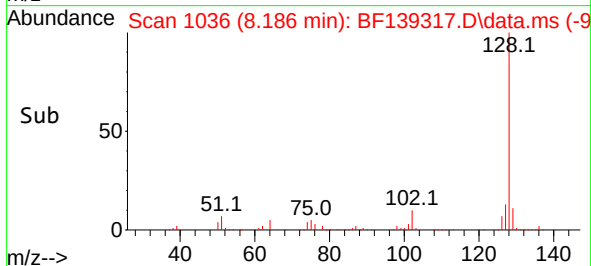
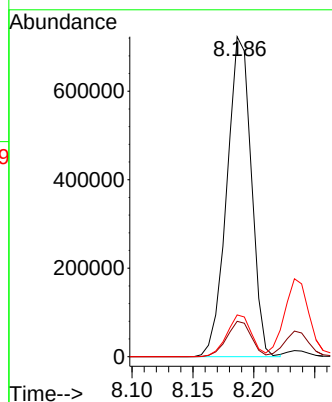
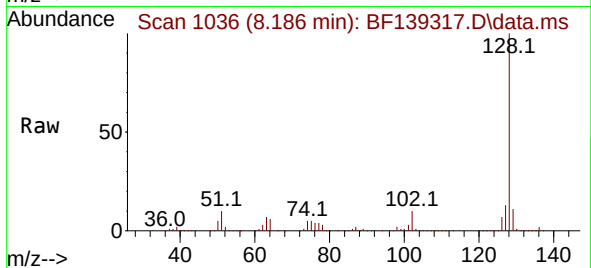
PB163259BS

Tgt Ion:128 Resp: 100798
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.6 15.8

Manual Integrations

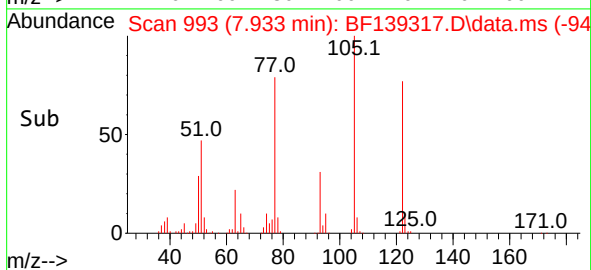
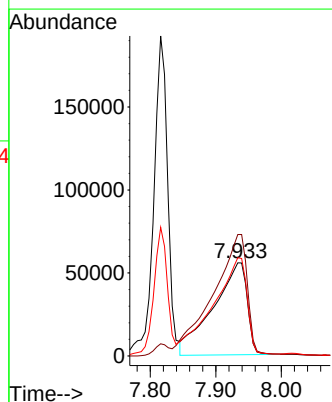
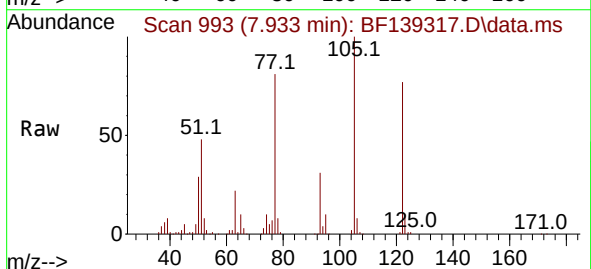
APPROVED

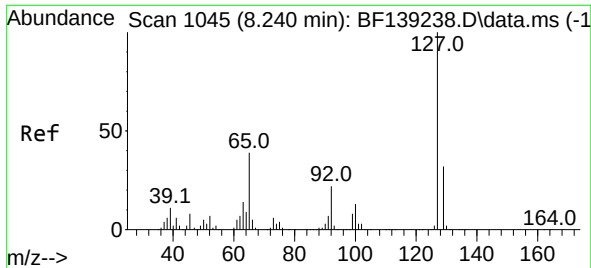
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#32
Benzoic acid
Concen: 43.067 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.005 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:122 Resp: 199270
Ion Ratio Lower Upper
122 100
105 130.3 106.3 146.3
77 105.4 84.1 124.1





#33
4-Chloroaniline
Concen: 32.878 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

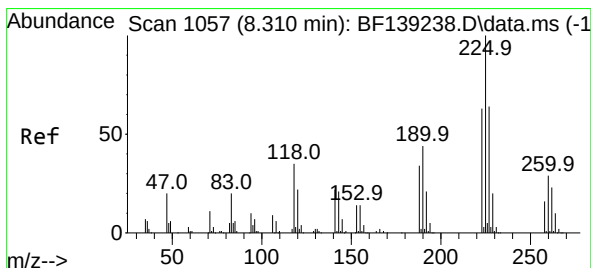
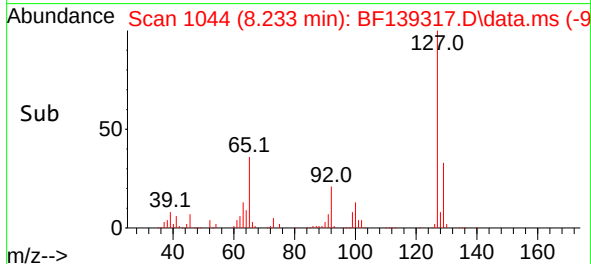
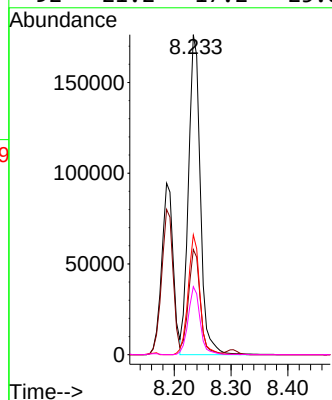
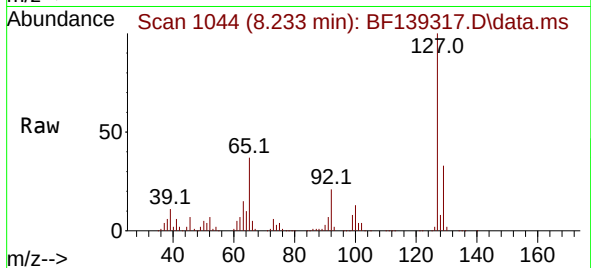
PB163259BS

Tgt Ion:	127	Resp:	25624
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.8	38.6
65	37.5	30.6	45.8
92	21.2	17.2	25.8

Manual Integrations

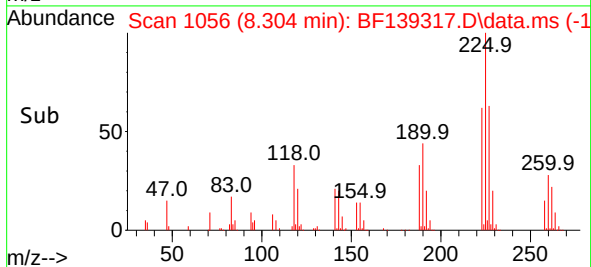
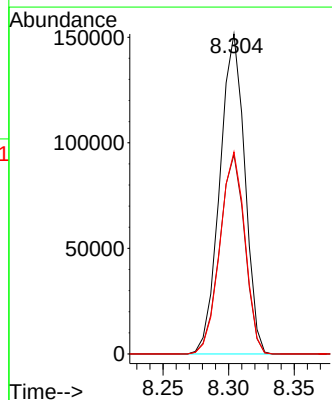
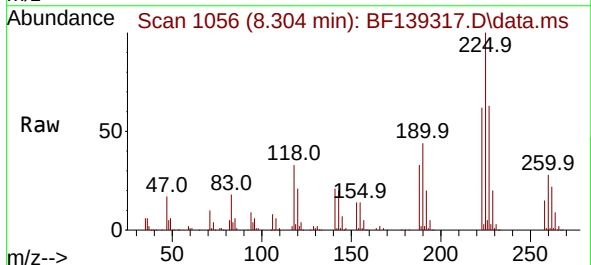
APPROVED

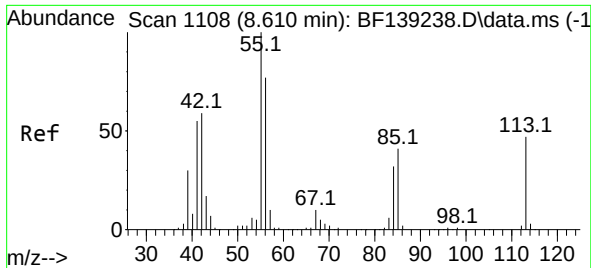
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#34
Hexachlorobutadiene
Concen: 45.541 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

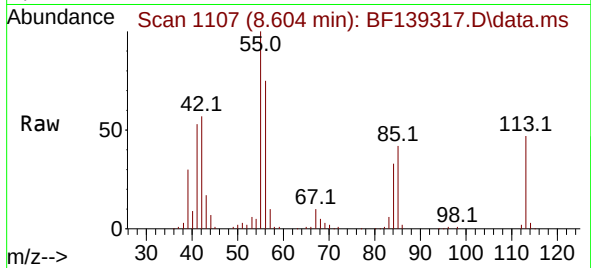
Tgt Ion:	225	Resp:	200457
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.7	76.1
227	63.1	51.5	77.3





#35
Caprolactam
Concen: 47.829 ng m
RT: 8.604 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

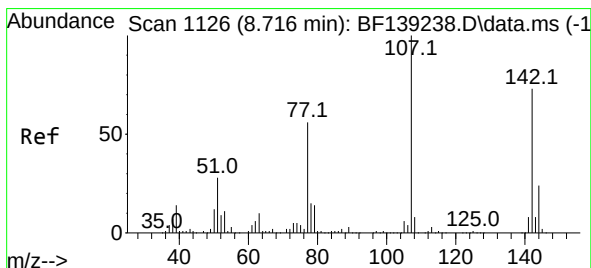
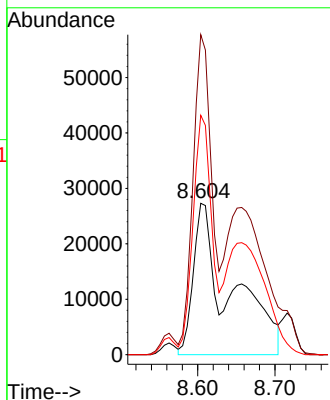
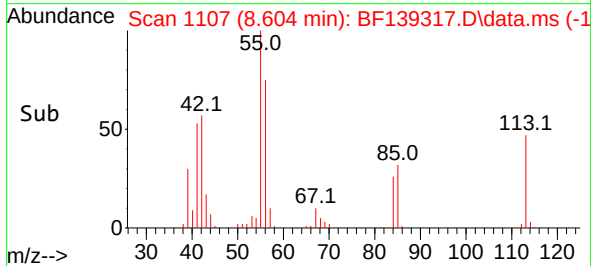
Instrument :
BNA_F
ClientSampleId :
PB163259BS



Tgt Ion:113 Resp: 90058
Ion Ratio Lower Upper
113 100
55 211.4 193.7 233.7
56 158.1 145.0 185.0

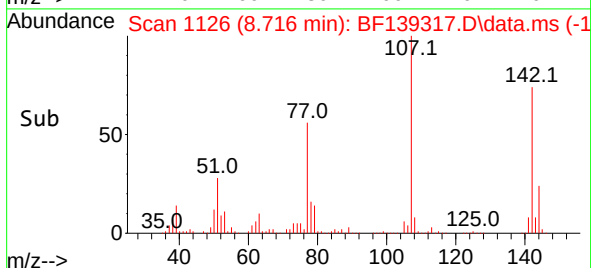
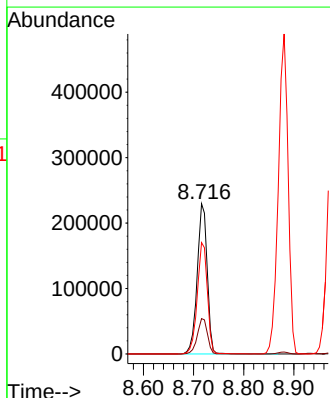
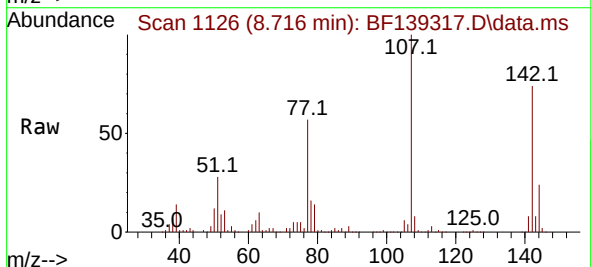
Manual Integrations
APPROVED

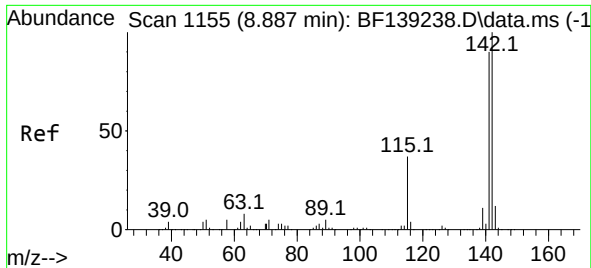
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
4-Chloro-3-methylphenol
Concen: 48.009 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:107 Resp: 318198
Ion Ratio Lower Upper
107 100
144 23.6 19.1 28.7
142 74.2 58.3 87.5





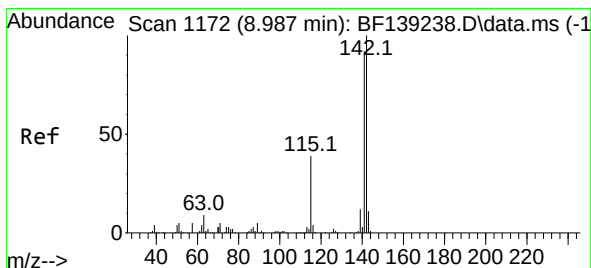
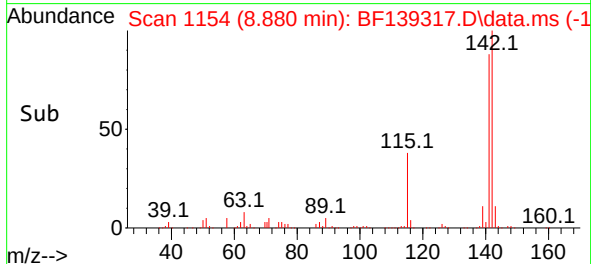
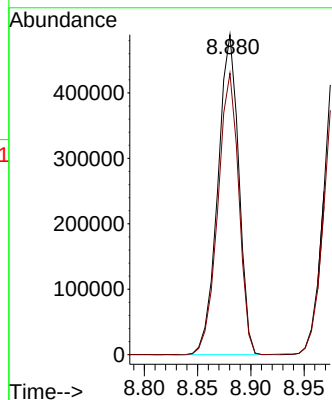
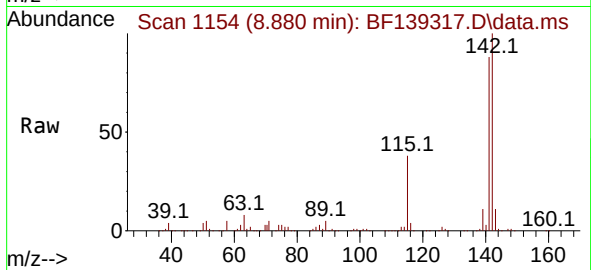
#37
2-Methylnaphthalene
Concen: 47.305 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB163259BS

Tgt Ion:142 Resp: 666190
Ion Ratio Lower Upper
142 100
141 87.9 71.6 107.4

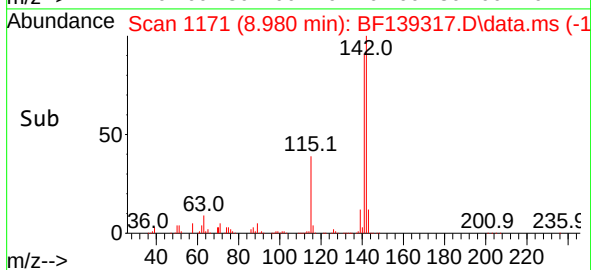
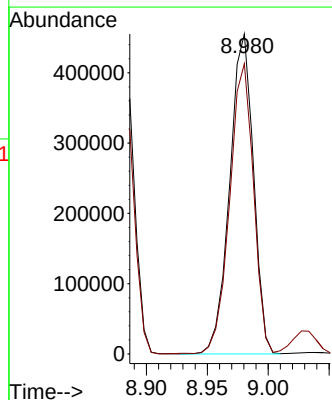
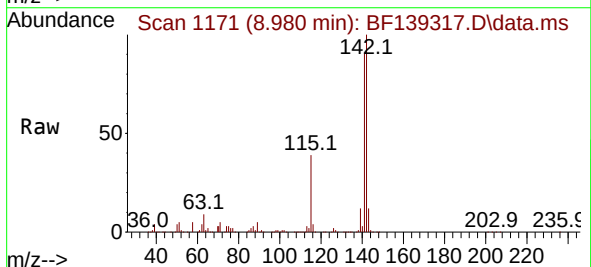
Manual Integrations
APPROVED

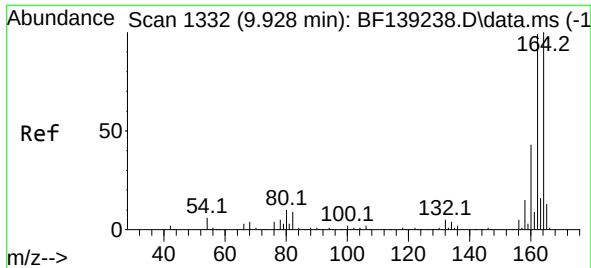
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#38
1-Methylnaphthalene
Concen: 44.559 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:142 Resp: 617162
Ion Ratio Lower Upper
142 100
141 90.7 73.5 110.3





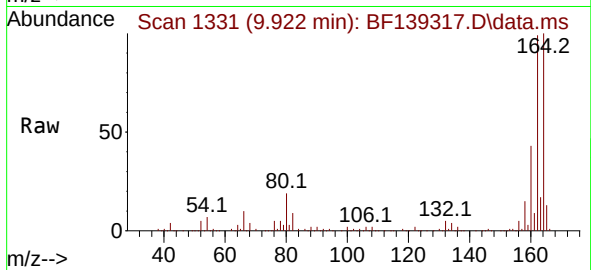
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

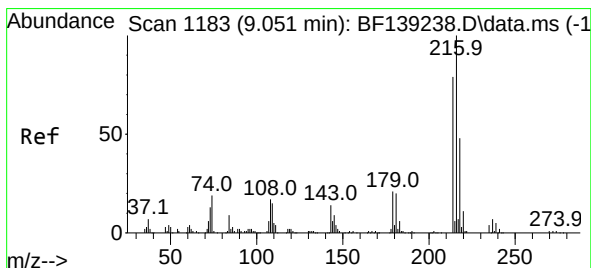
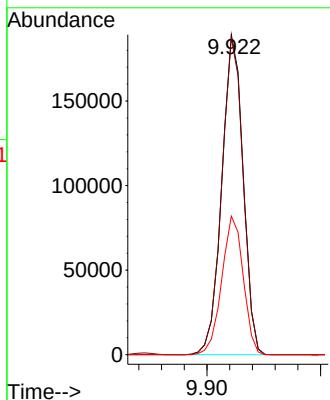
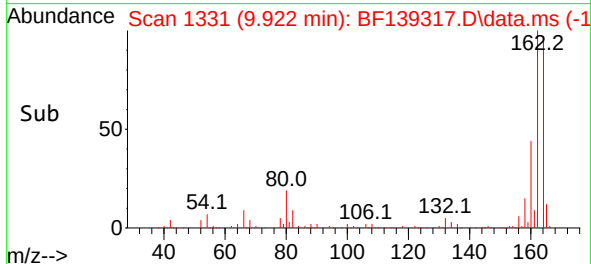


Tgt Ion:164 Resp: 246640
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 43.3 34.2 51.2

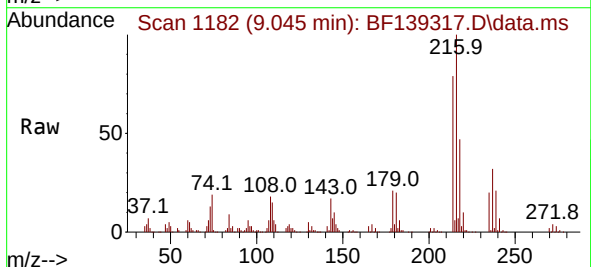
Manual Integrations

APPROVED

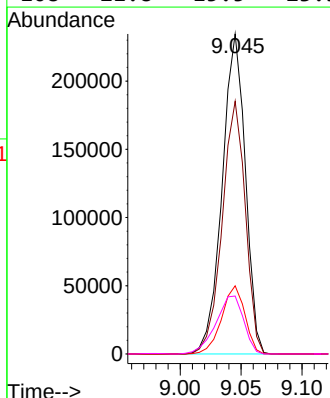
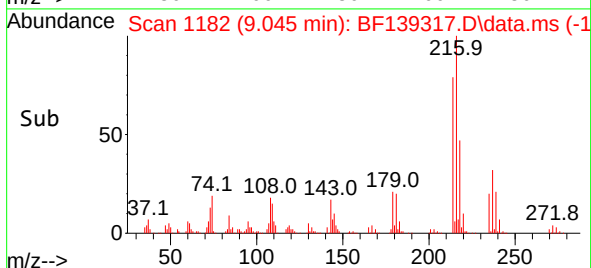
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

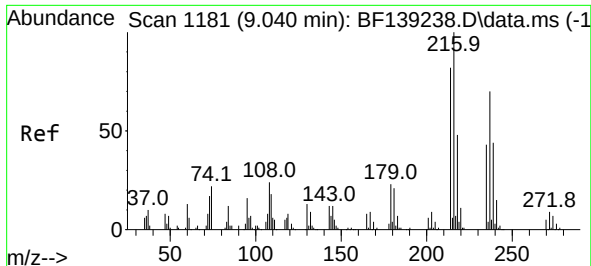


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.486 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion:216 Resp: 310428
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.8
179 21.4 16.9 25.3
108 21.8 15.5 23.3





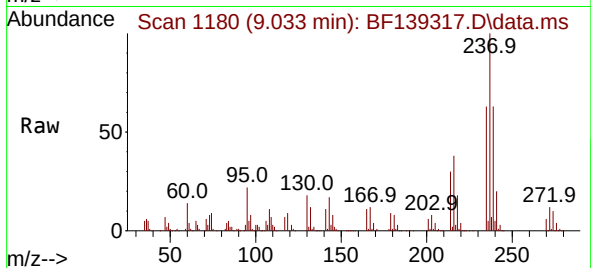
#41
Hexachlorocyclopentadiene
Concen: 177.563 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

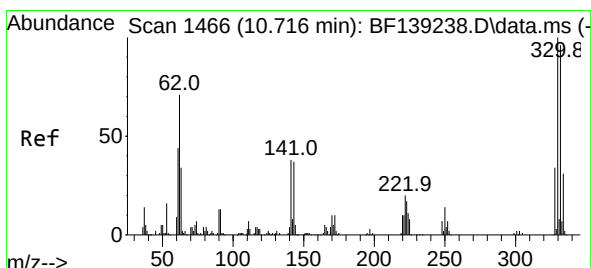
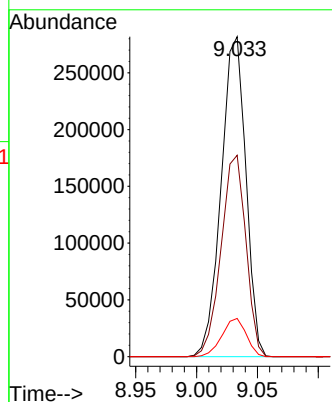
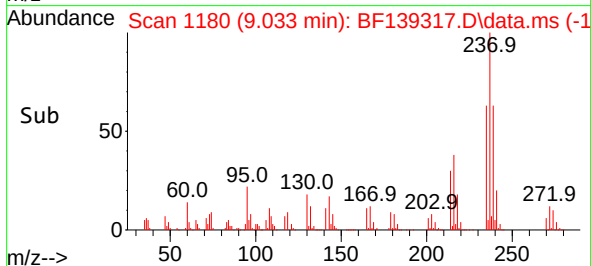


Tgt Ion:237 Resp: 398200
Ion Ratio Lower Upper
237 100
235 62.9 41.4 81.4
272 12.0 0.0 32.2

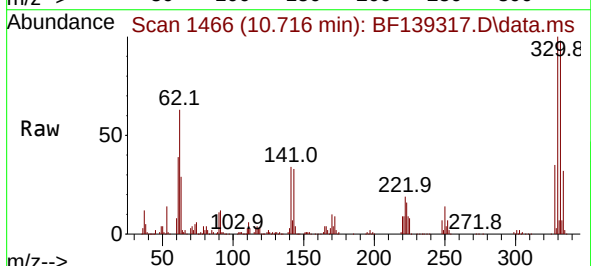
Manual Integrations

APPROVED

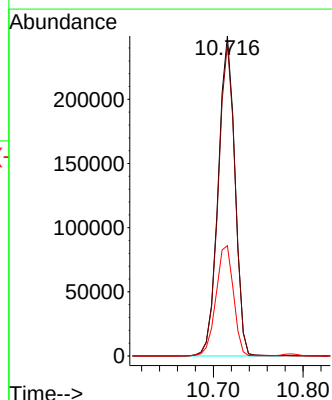
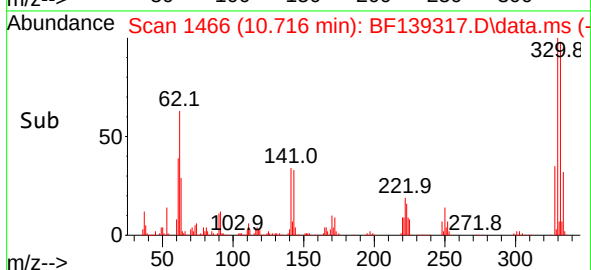
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

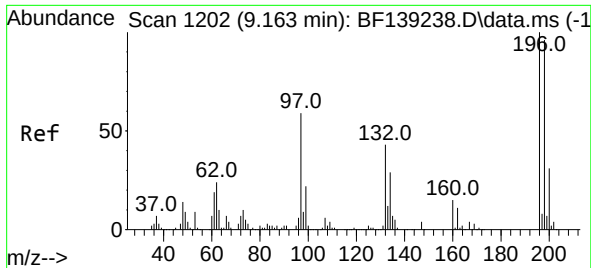


#42
2,4,6-Tribromophenol
Concen: 151.232 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion:330 Resp: 322090
Ion Ratio Lower Upper
330 100
332 97.8 76.6 115.0
141 36.0 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 48.597 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

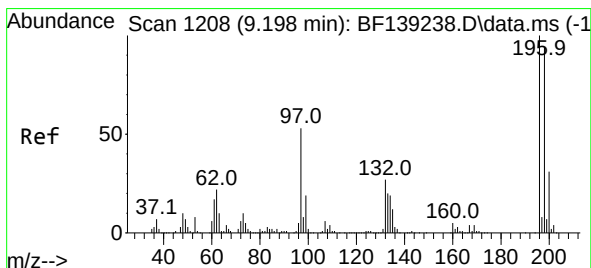
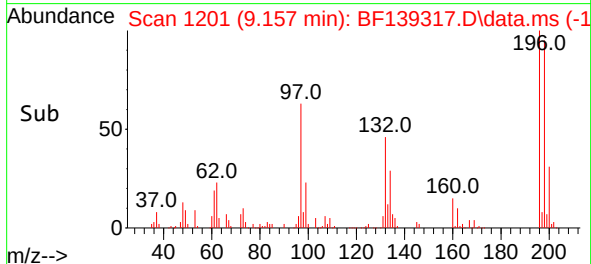
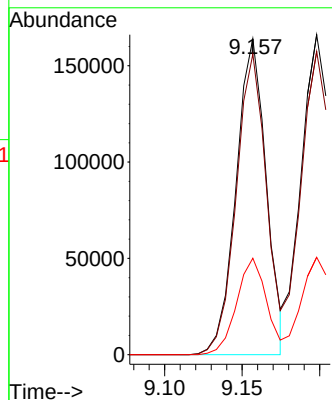
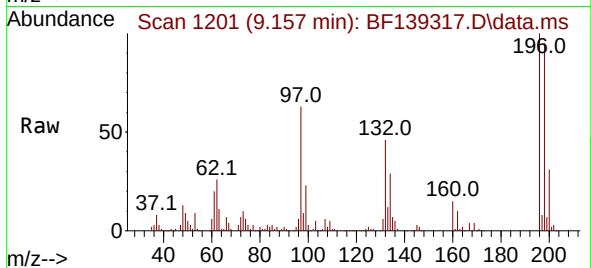
PB163259BS

Tgt Ion:196 Resp: 22187
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
200 30.5 24.7 37.1

Manual Integrations

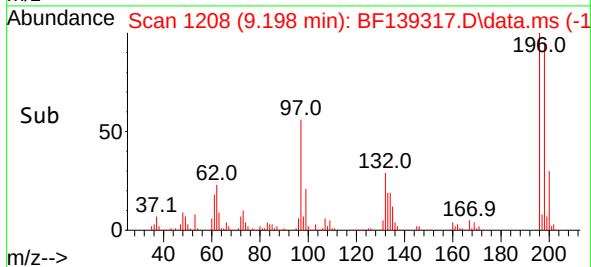
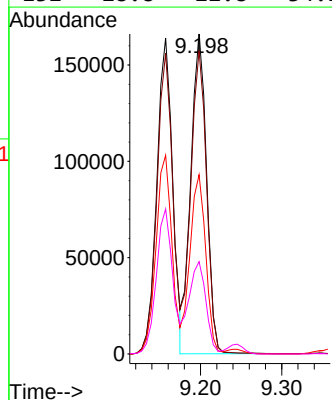
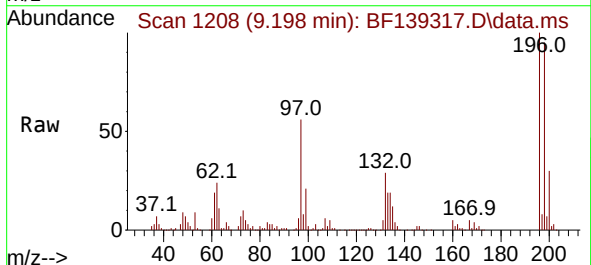
APPROVED

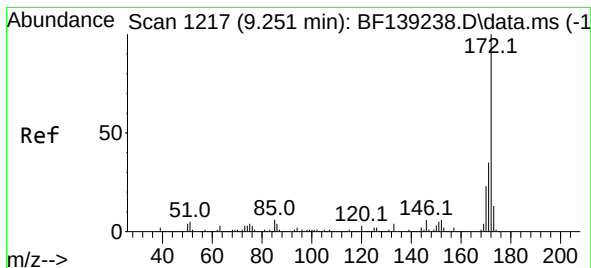
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#44
2,4,5-Trichlorophenol
Concen: 47.083 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:196 Resp: 225268
Ion Ratio Lower Upper
196 100
198 94.8 75.6 113.4
97 56.0 43.6 65.4
132 28.8 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 93.875 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

Tgt Ion:172 Resp: 1499918

Ion Ratio Lower Upper

172 100

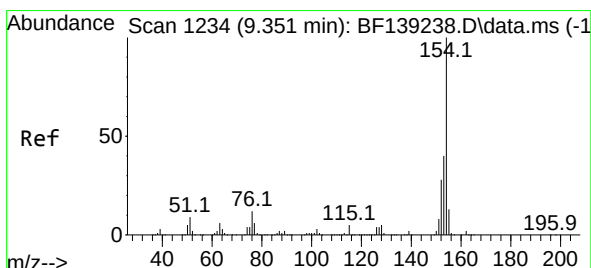
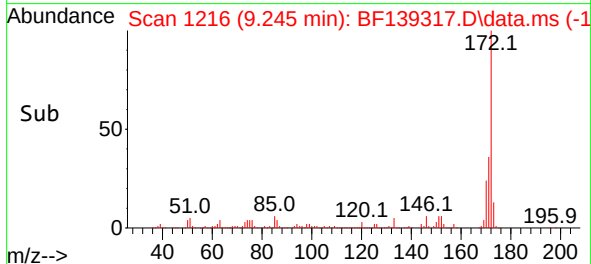
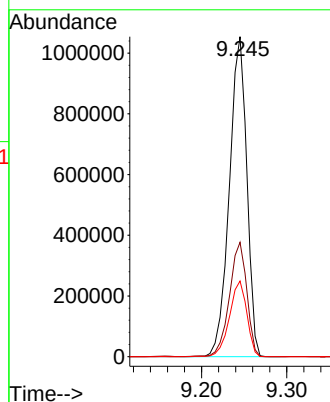
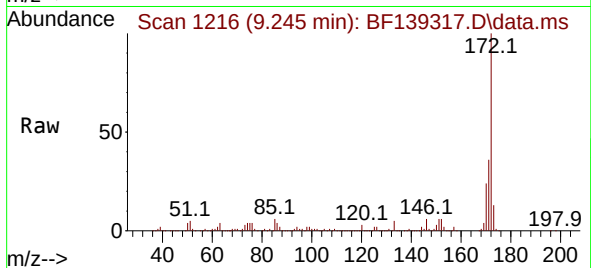
171 35.7 28.3 42.5

170 23.7 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#46

1,1'-Biphenyl

Concen: 44.706 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

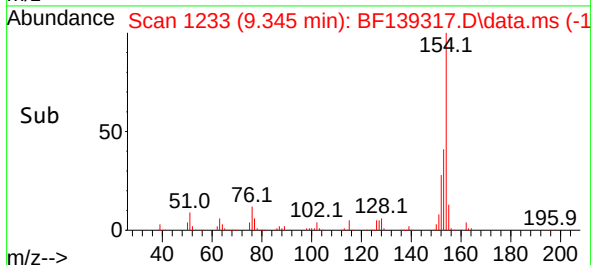
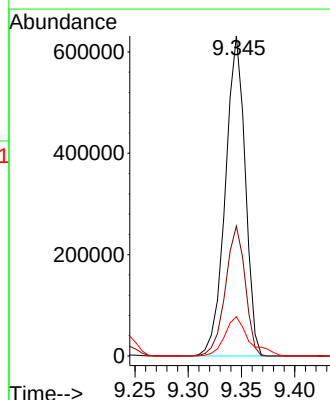
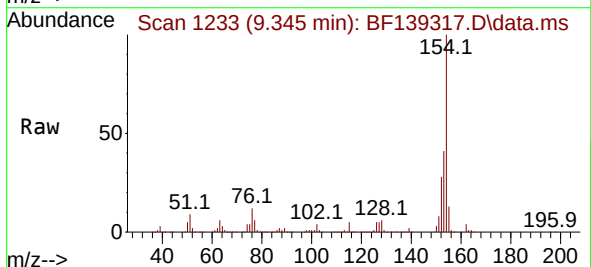
Tgt Ion:154 Resp: 816935

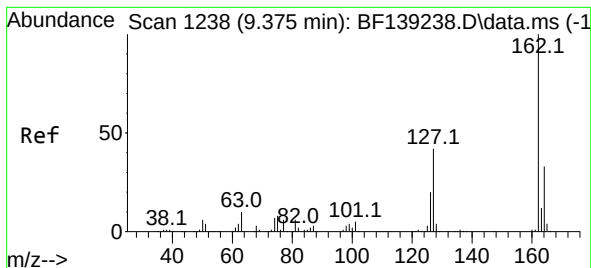
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 12.3 0.0 32.3





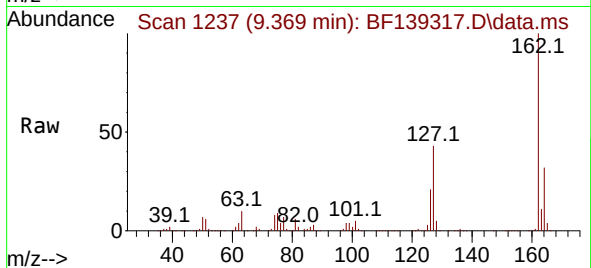
#47
2-Chloronaphthalene
Concen: 44.944 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

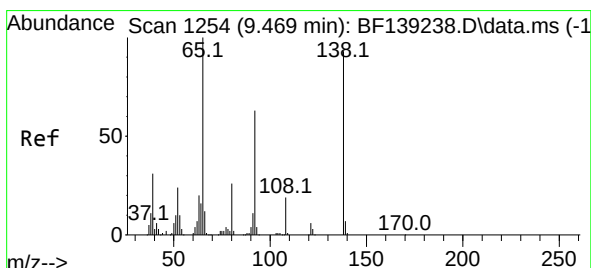
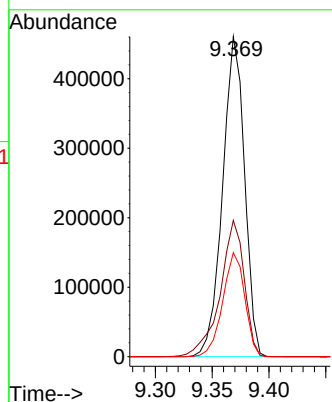
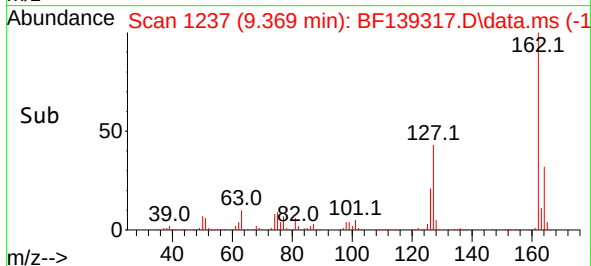


Tgt Ion:162 Resp: 62014
Ion Ratio Lower Upper
162 100
127 42.6 34.2 51.4
164 32.5 26.2 39.2

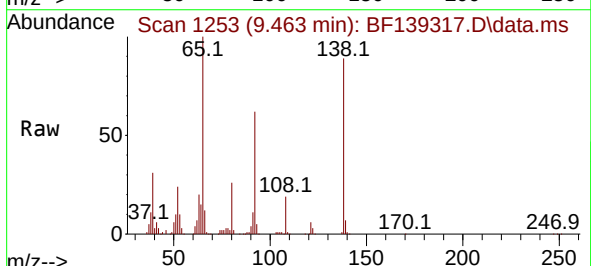
Manual Integrations

APPROVED

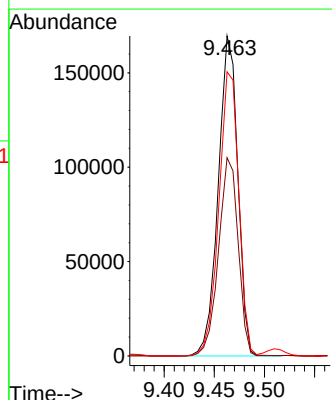
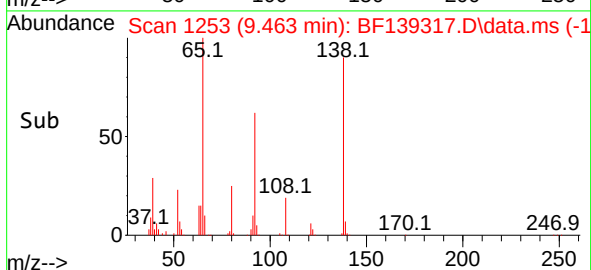
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

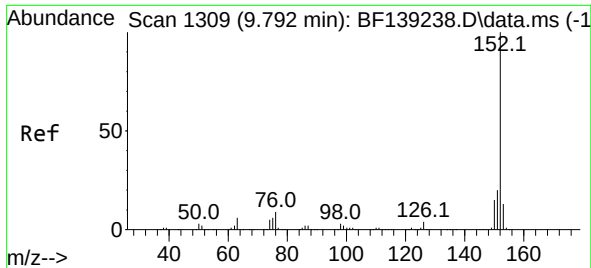


#48
2-Nitroaniline
Concen: 48.211 ng
RT: 9.463 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion: 65 Resp: 229129
Ion Ratio Lower Upper
65 100
92 61.9 50.4 75.6
138 88.8 74.2 111.4





#49
Acenaphthylene
Concen: 48.146 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

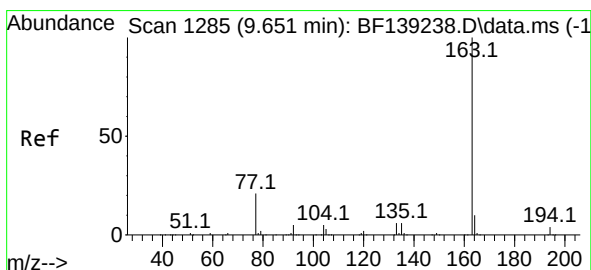
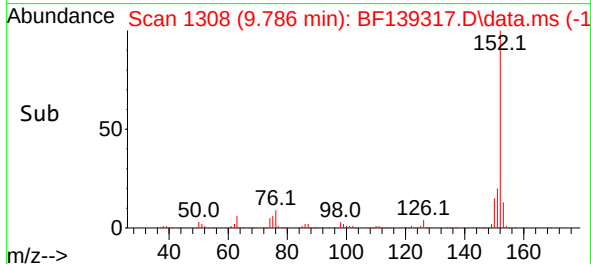
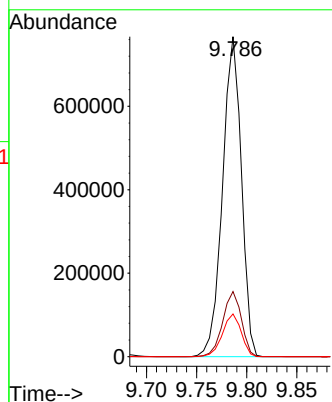
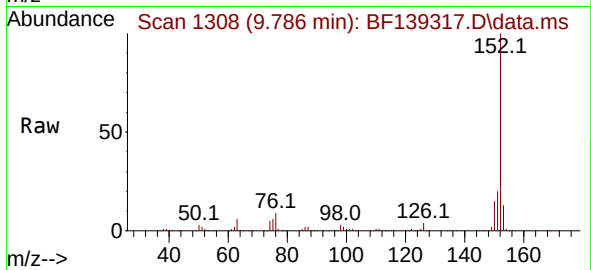
PB163259BS

Tgt Ion:152 Resp: 100058
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.3 10.4 15.6

Manual Integrations

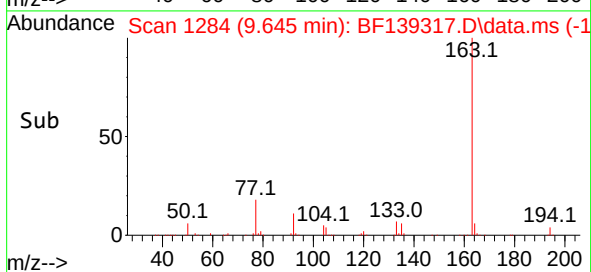
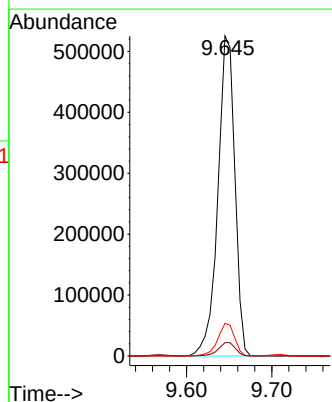
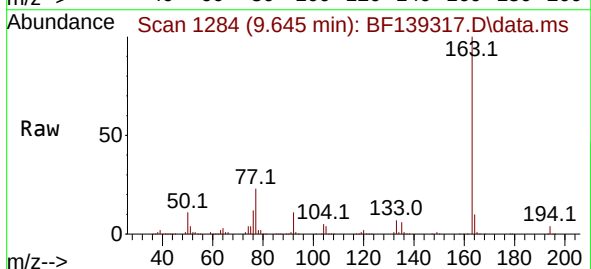
APPROVED

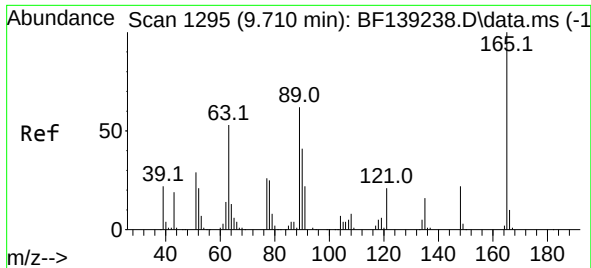
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#50
Dimethylphthalate
Concen: 48.635 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:163 Resp: 727045
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.417 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

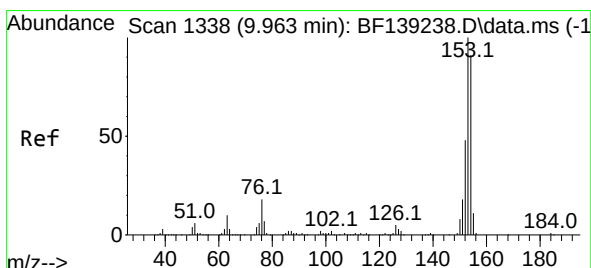
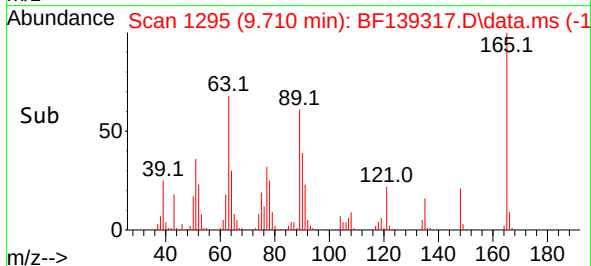
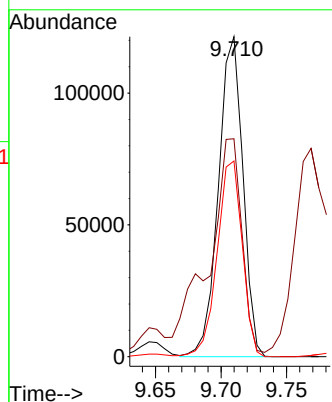
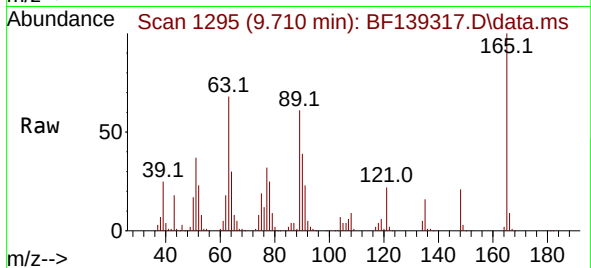
PB163259BS

Tgt Ion:165 Resp: 157415
Ion Ratio Lower Upper
165 100
63 68.1 56.1 84.1
89 61.1 49.7 74.5

Manual Integrations

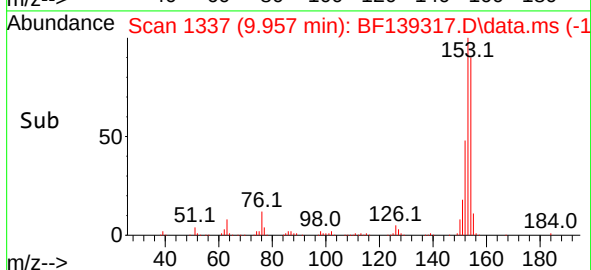
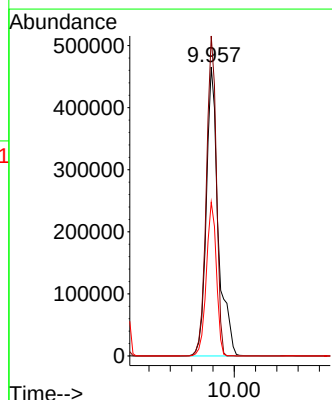
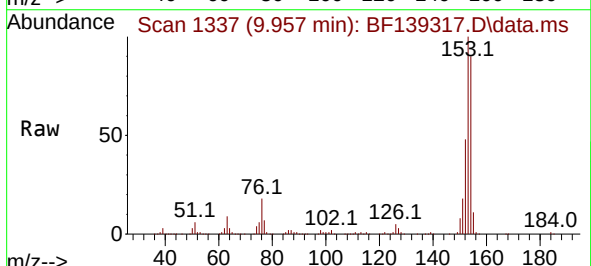
APPROVED

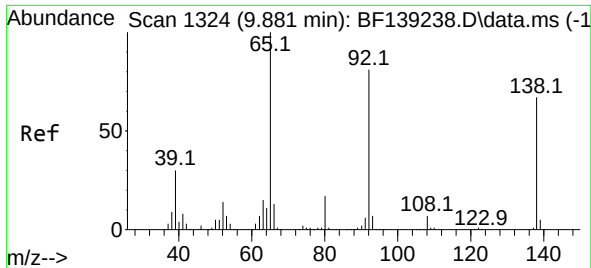
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#52
Acenaphthene
Concen: 52.436 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:154 Resp: 722772
Ion Ratio Lower Upper
154 100
153 110.8 87.8 131.6
152 53.2 41.7 62.5





#53
3-Nitroaniline
Concen: 35.012 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

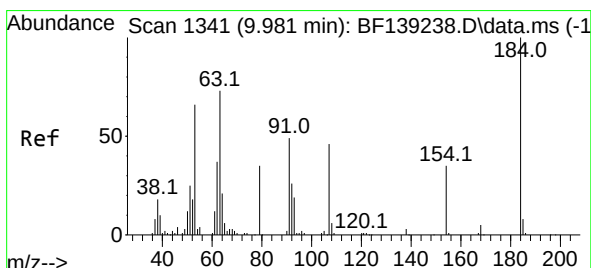
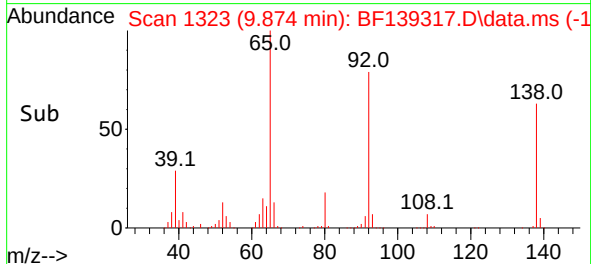
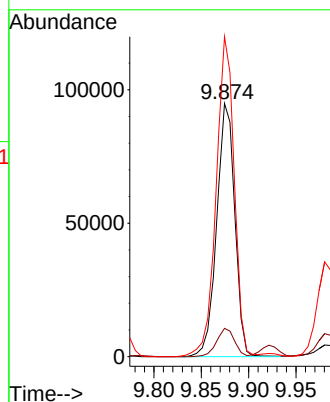
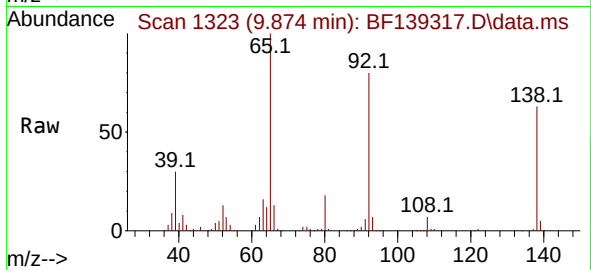
PB163259BS

Tgt Ion:138 Resp: 126509
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 126.4 96.4 144.6

Manual Integrations

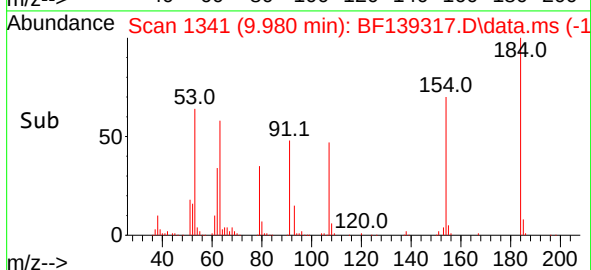
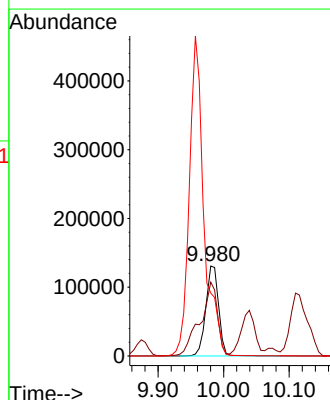
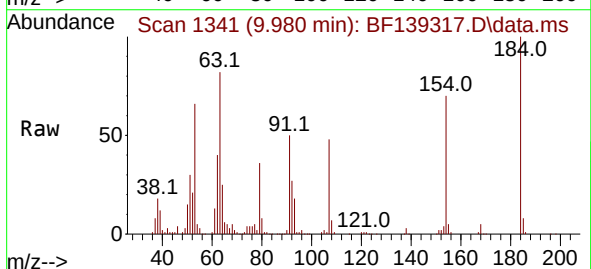
APPROVED

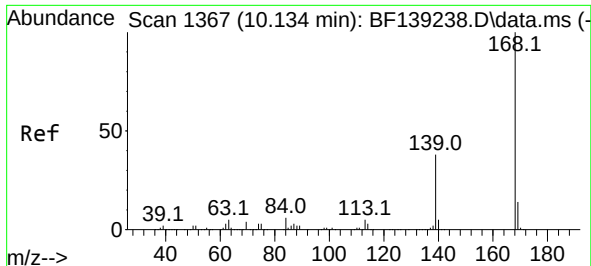
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#54
2,4-Dinitrophenol
Concen: 98.385 ng
RT: 9.980 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

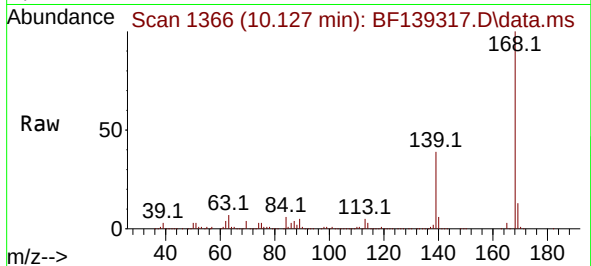
Tgt Ion:184 Resp: 178204
Ion Ratio Lower Upper
184 100
63 82.1 66.4 99.6
154 69.9 97.0 145.6#





#55
Dibenzenofuran
Concen: 46.753 ng
RT: 10.127 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

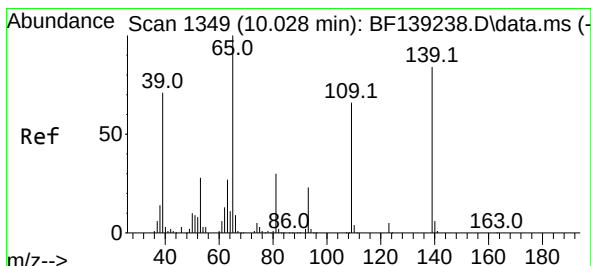
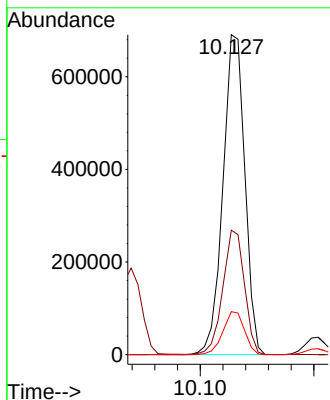
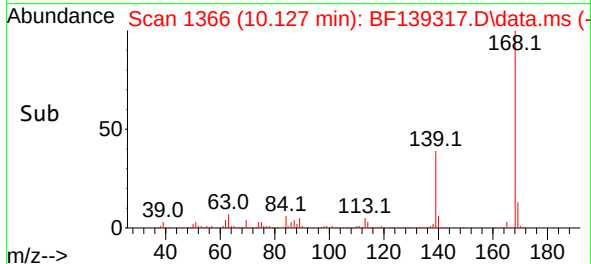
Instrument :
BNA_F
ClientSampleId :
PB163259BS



Tgt Ion:168 Resp: 923940
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.4
169 13.4 10.8 16.2

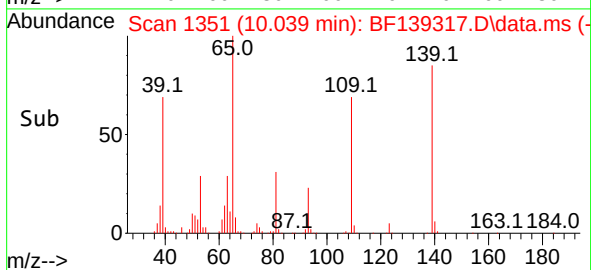
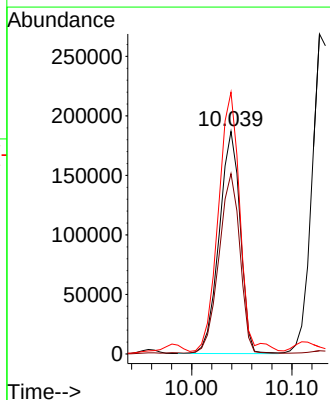
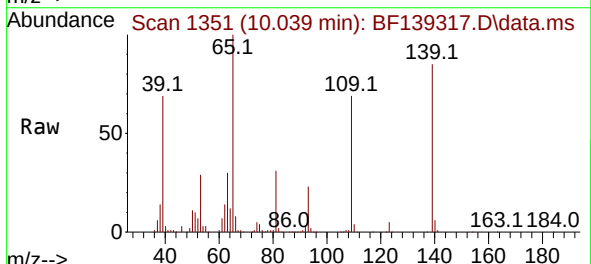
Manual Integrations
APPROVED

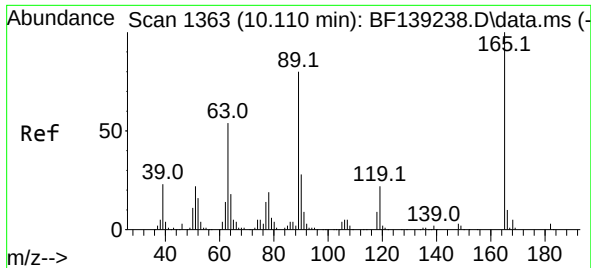
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#56
4-Nitrophenol
Concen: 101.559 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:139 Resp: 270847
Ion Ratio Lower Upper
139 100
109 81.0 58.7 98.7
65 117.6 100.3 140.3





#57
2,4-Dinitrotoluene
Concen: 48.881 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

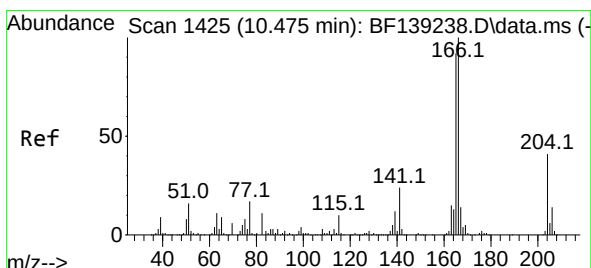
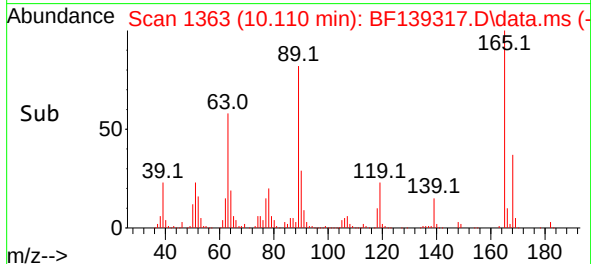
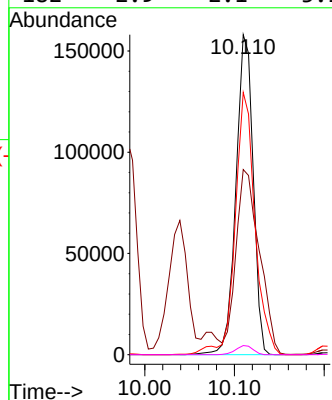
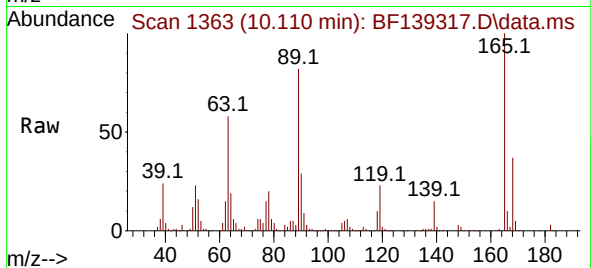
PB163259BS

Tgt Ion:165 Resp: 210992
Ion Ratio Lower Upper
165 100
63 57.8 43.4 65.0
89 81.9 64.2 96.4
182 2.9 2.1 3.1

Manual Integrations

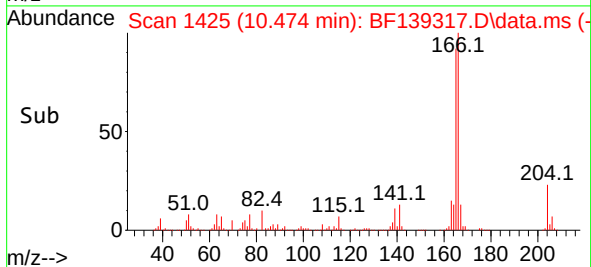
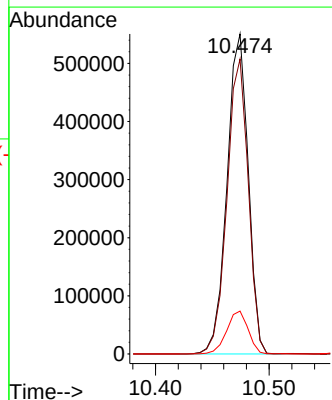
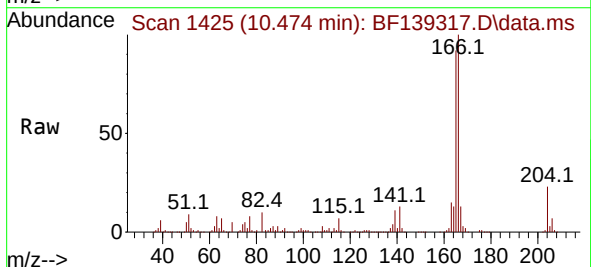
APPROVED

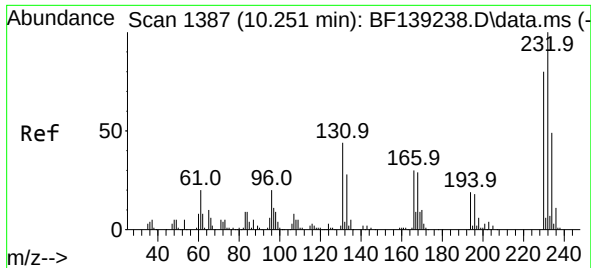
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#58
Fluorene
Concen: 46.650 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

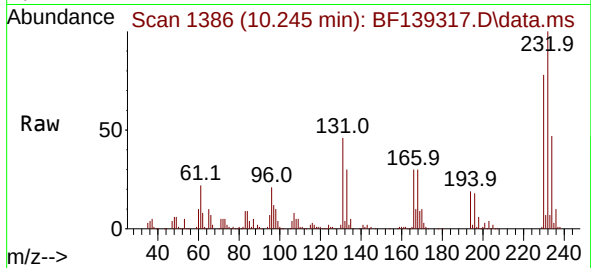
Tgt Ion:166 Resp: 714771
Ion Ratio Lower Upper
166 100
165 92.2 73.7 110.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.900 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

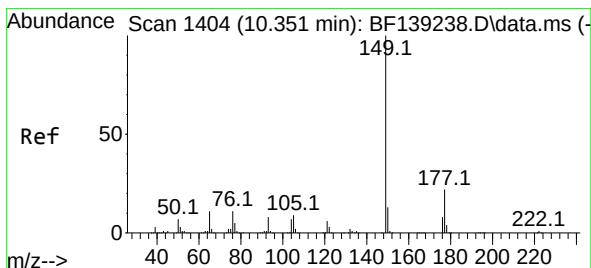
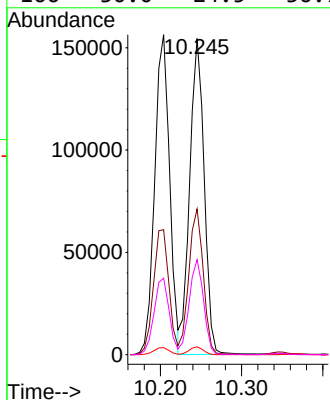
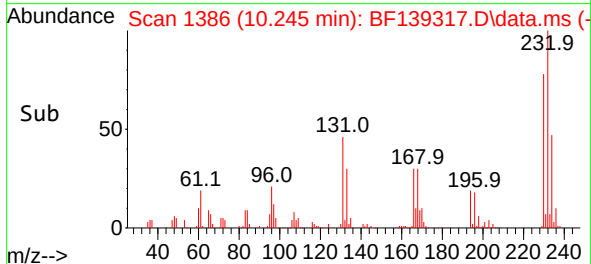
Instrument :
BNA_F
ClientSampleId :
PB163259BS



Tgt Ion:232 Resp: 19169
Ion Ratio Lower Upper
232 100
131 46.3 37.7 56.5
130 2.4 1.9 2.9
166 30.0 24.5 36.7

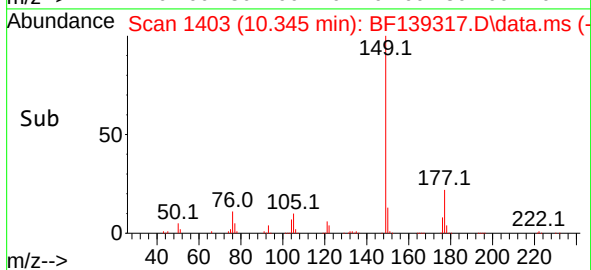
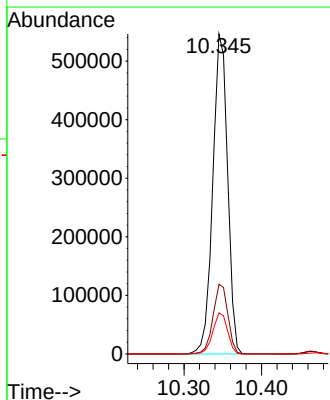
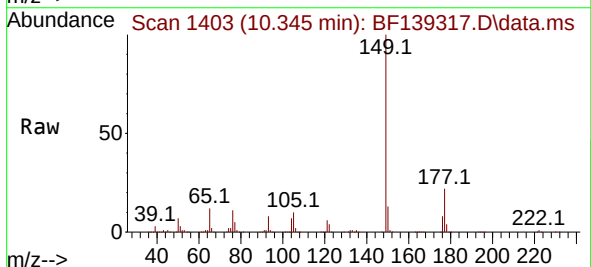
Manual Integrations
APPROVED

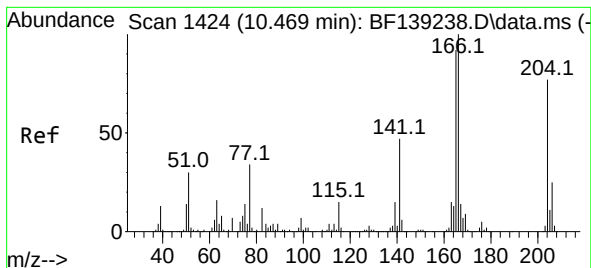
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#60
Diethylphthalate
Concen: 49.252 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

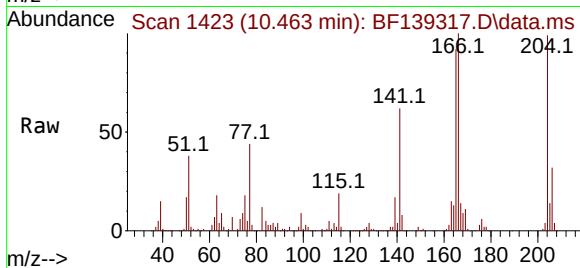
Tgt Ion:149 Resp: 724564
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.112 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

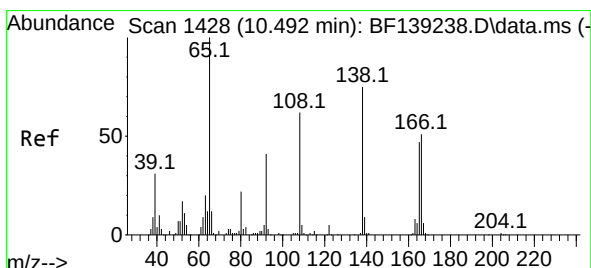
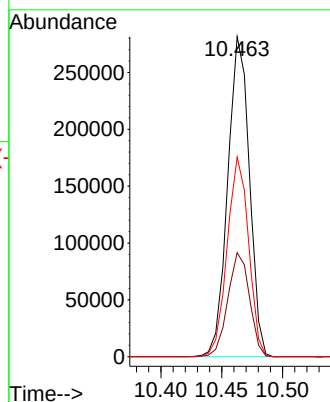
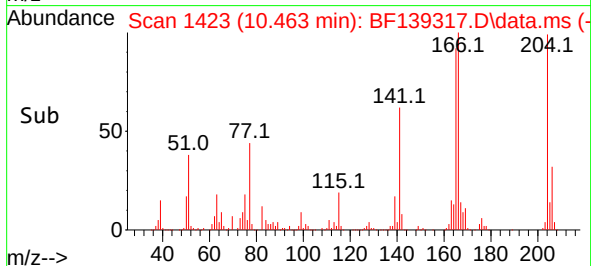
Instrument :
BNA_F
ClientSampleId :
PB163259BS



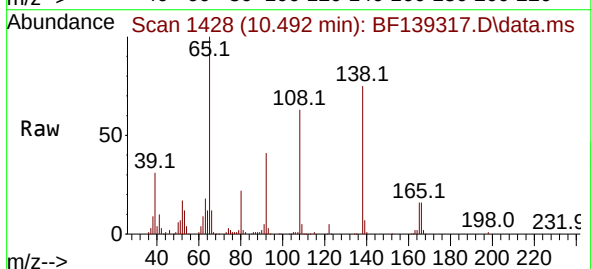
Tgt Ion:204 Resp: 348108
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 62.3 48.6 72.8

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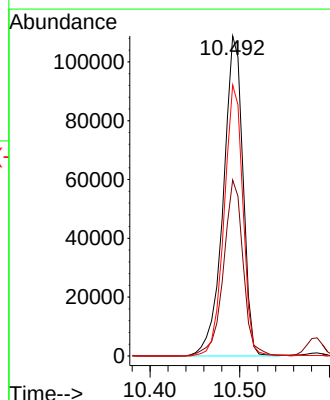
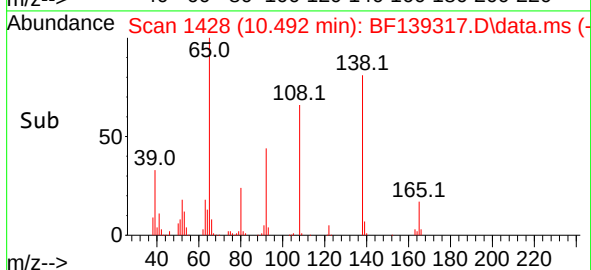
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

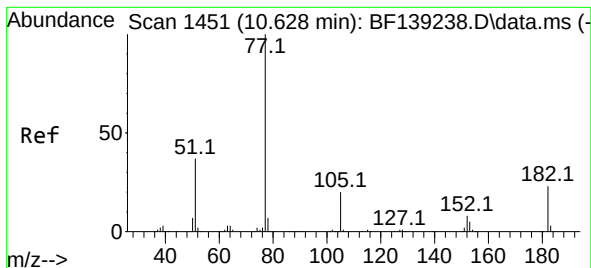


#62
4-Nitroaniline
Concen: 48.157 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion:138 Resp: 165634
Ion Ratio Lower Upper
138 100
92 55.0 34.4 74.4
108 84.7 62.7 102.7





#63

Azobenzene

Concen: 47.828 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

Tgt Ion: 77 Resp: 741570

Ion Ratio Lower Upper

77 100

182 22.9 3.0 43.0

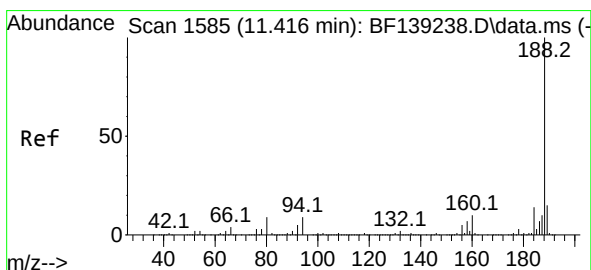
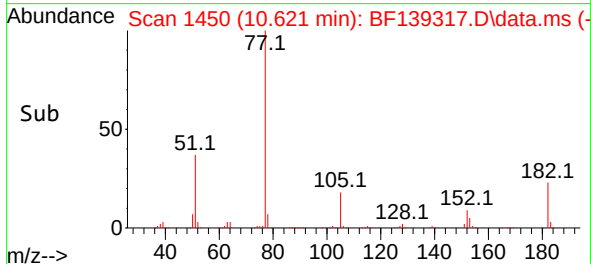
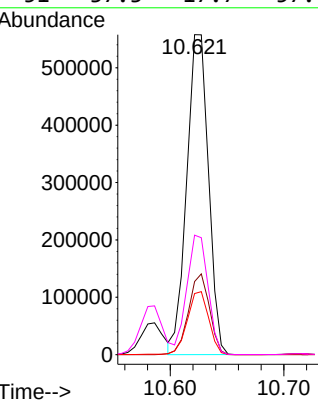
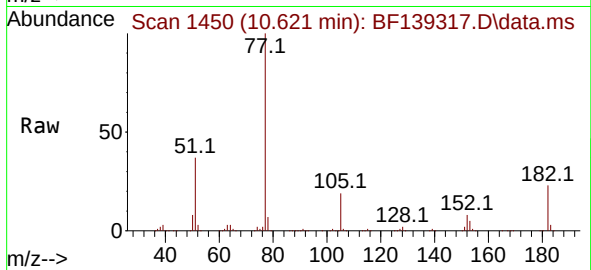
105 19.1 0.0 39.4

51 37.3 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

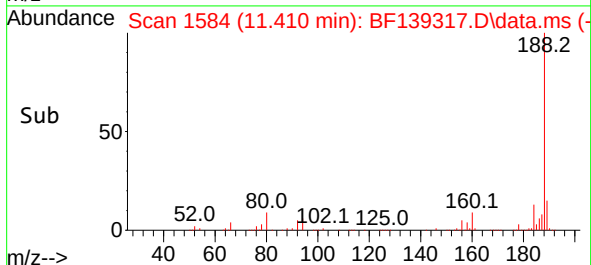
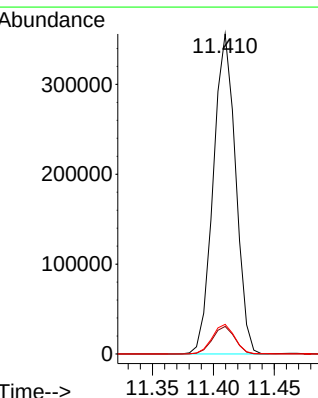
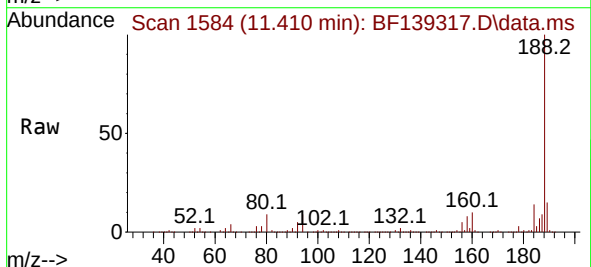
Tgt Ion:188 Resp: 454571

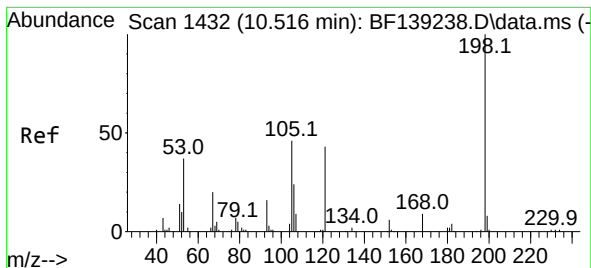
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.3 7.3 10.9





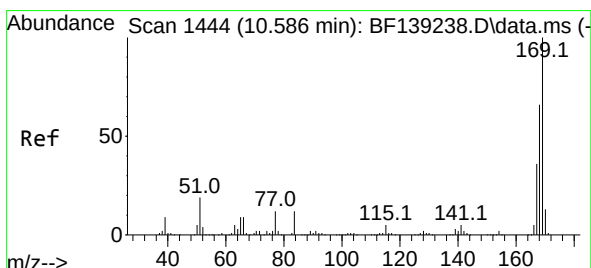
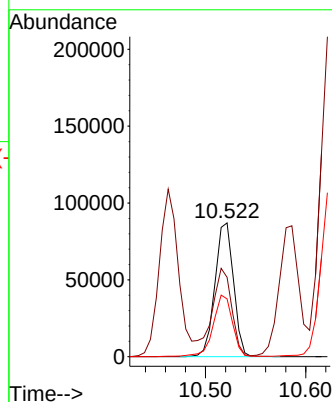
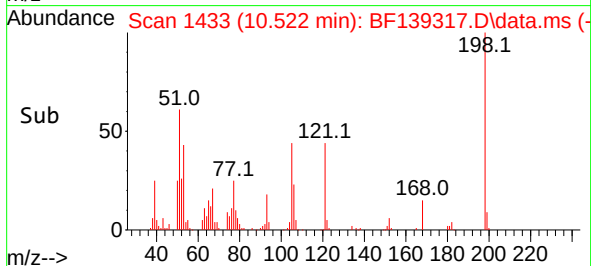
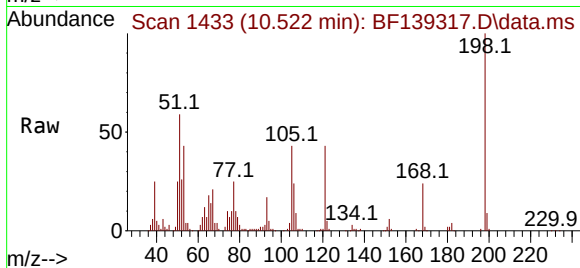
#65
4,6-Dinitro-2-methylphenol
Concen: 53.320 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.005 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB163259BS

Tgt Ion:198 Resp: 11199
Ion Ratio Lower Upper
198 100
51 59.4 47.2 87.2
105 43.2 27.1 67.1

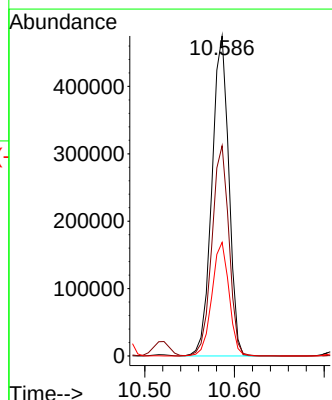
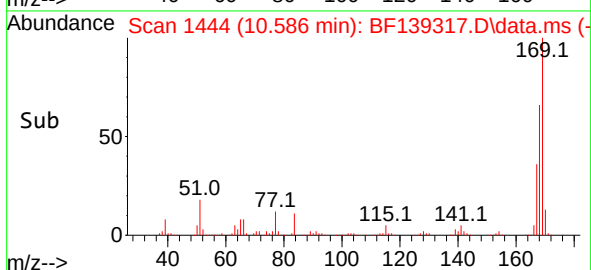
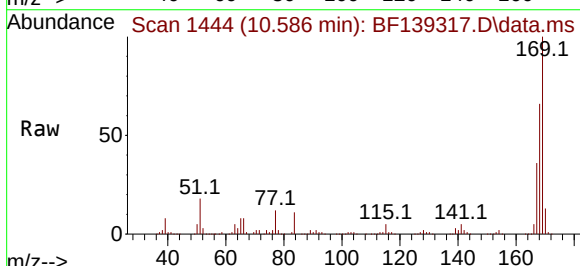
Manual Integrations
APPROVED

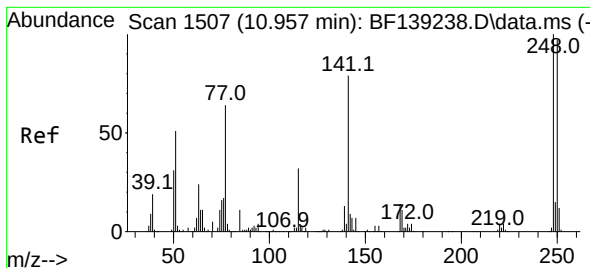
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#66
n-Nitrosodiphenylamine
Concen: 46.924 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Tgt Ion:169 Resp: 620892
Ion Ratio Lower Upper
169 100
168 65.7 53.0 79.6
167 35.5 29.0 43.6





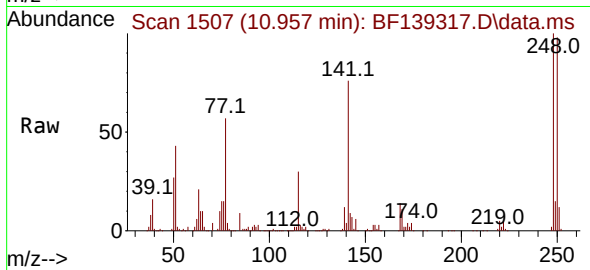
#67
4-Bromophenyl-phenylether
Concen: 47.273 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

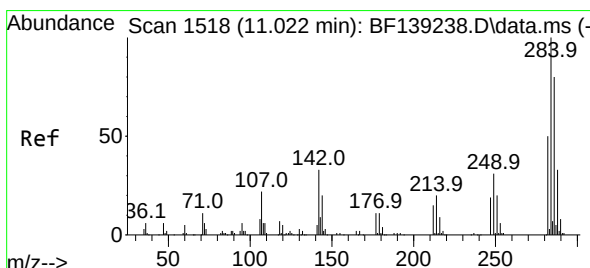
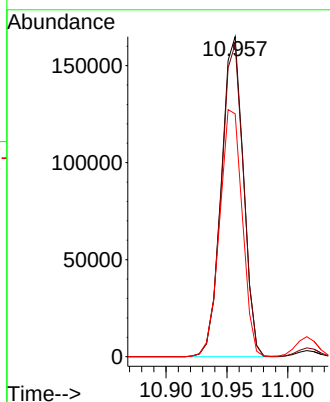
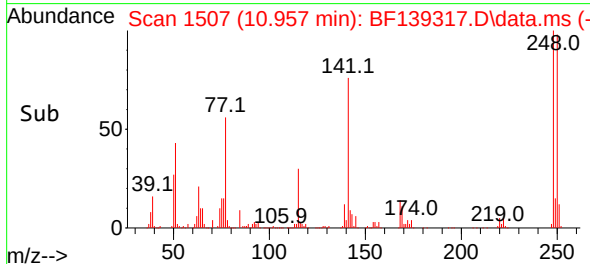


Tgt Ion:248 Resp: 208492
Ion Ratio Lower Upper
248 100
250 97.7 77.2 115.8
141 75.9 63.6 95.4

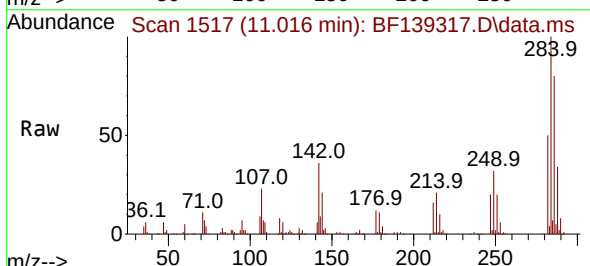
Manual Integrations

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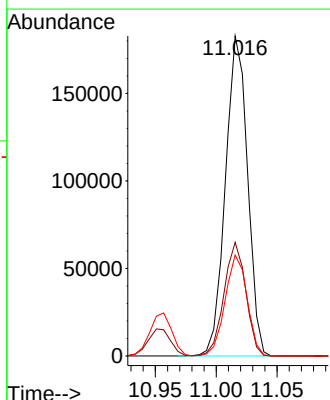
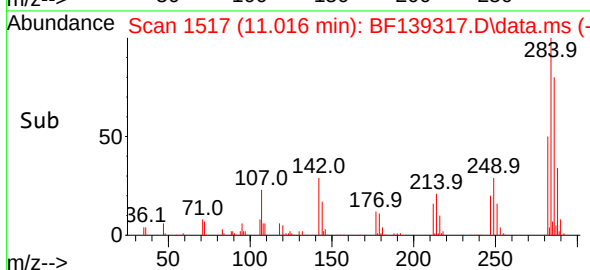
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

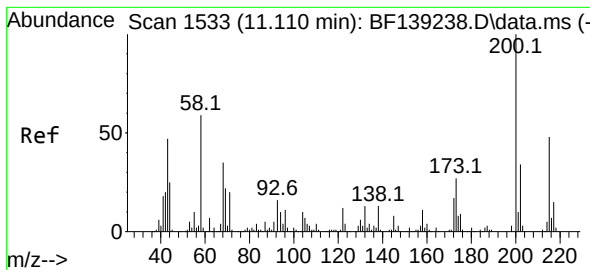


#68
Hexachlorobenzene
Concen: 45.855 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion:284 Resp: 231519
Ion Ratio Lower Upper
284 100
142 35.5 26.5 39.7
249 31.5 24.8 37.2





#69

Atrazine

Concen: 64.914 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

Tgt Ion:200 Resp: 19816

Ion Ratio Lower Upper

200 100

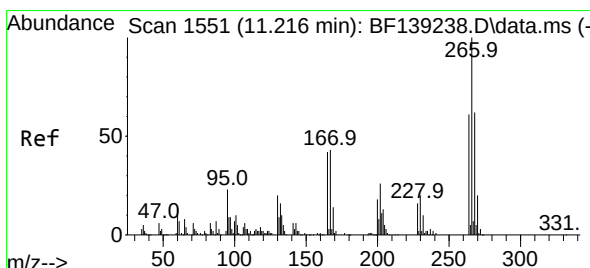
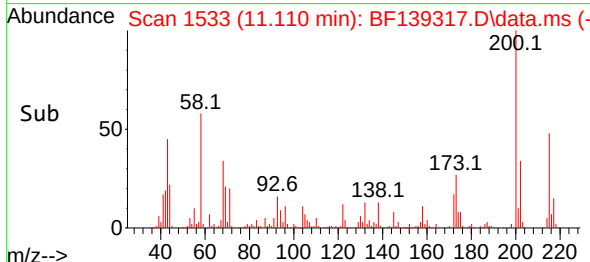
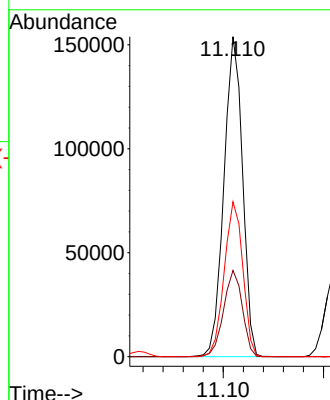
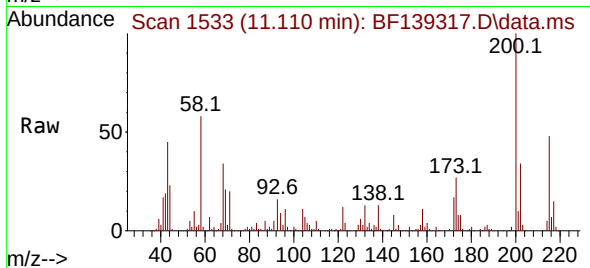
173 27.0 7.1 47.1

215 48.4 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#70

Pentachlorophenol

Concen: 96.017 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

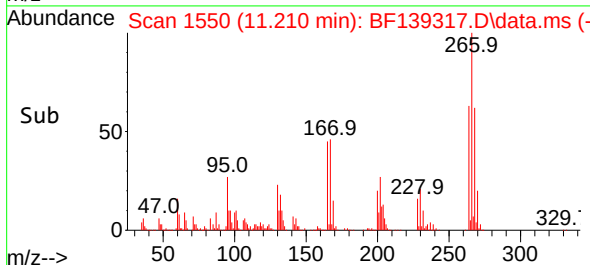
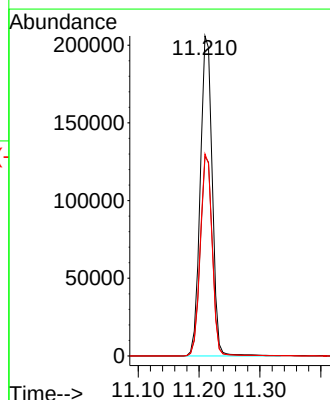
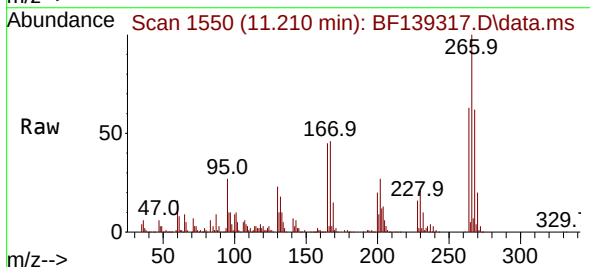
Tgt Ion:266 Resp: 280036

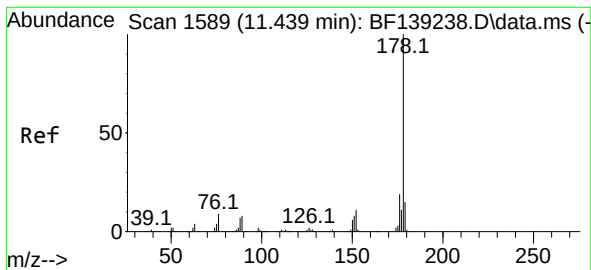
Ion Ratio Lower Upper

266 100

268 62.4 49.7 74.5

264 63.2 49.2 73.8





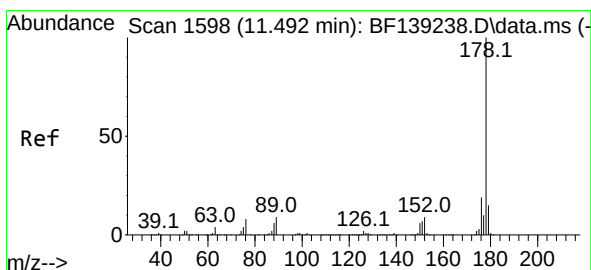
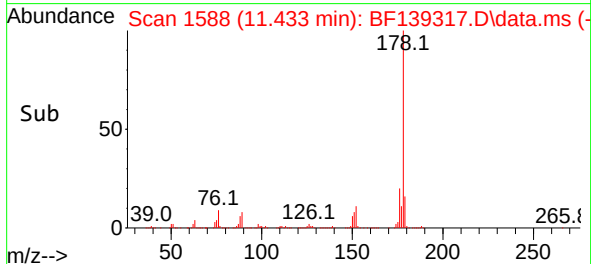
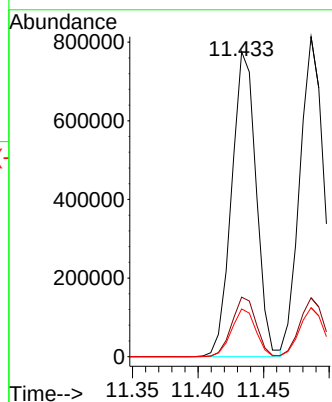
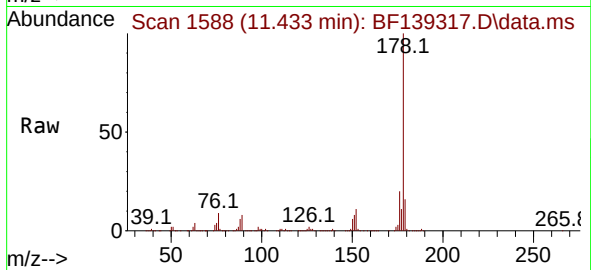
#71
Phenanthrene
Concen: 47.518 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB163259BS

Tgt Ion:178 Resp: 100908
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.6 12.3 18.5

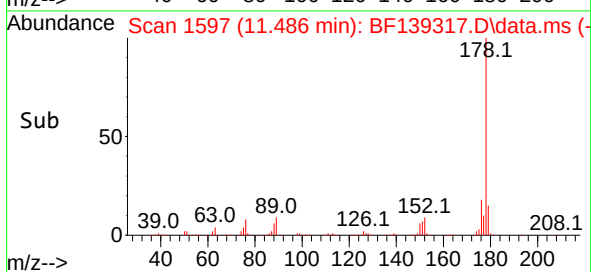
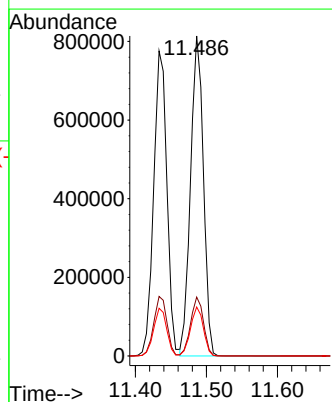
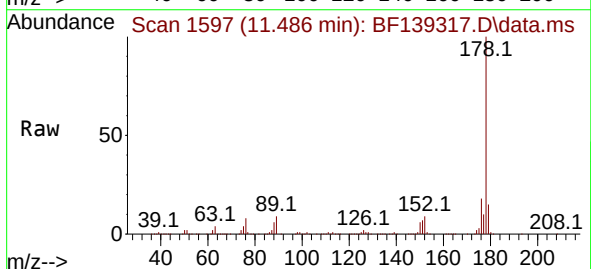
Manual Integrations
APPROVED

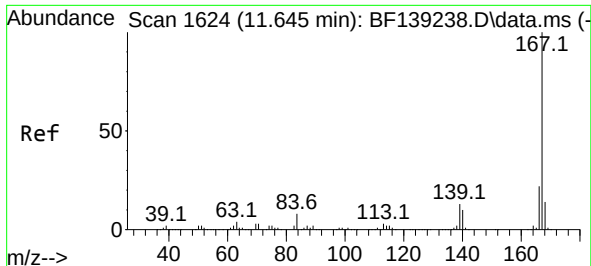
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#72
Anthracene
Concen: 49.418 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

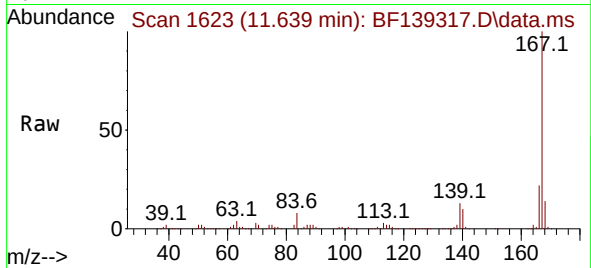
Tgt Ion:178 Resp: 1025146
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 47.664 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF139317.D
 Acq: 11 Sep 2024 11:20

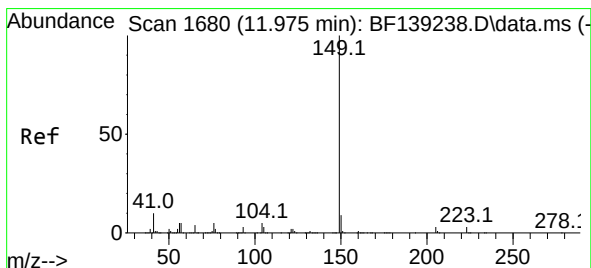
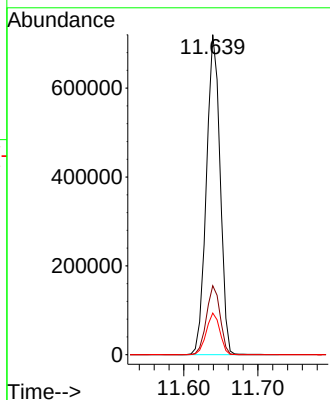
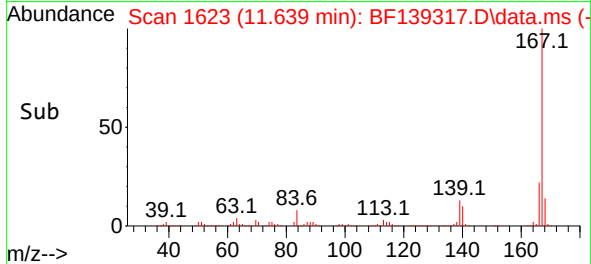
Instrument :
 BNA_F
 ClientSampleId :
 PB163259BS



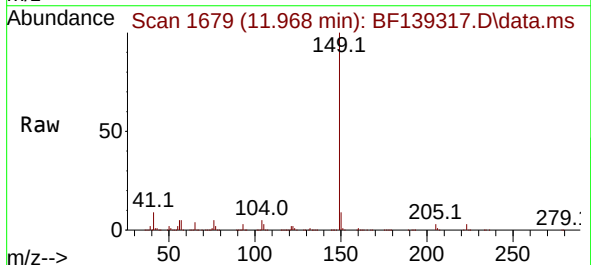
Tgt Ion:167 Resp: 92412
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.0 10.2 15.4

Manual Integrations
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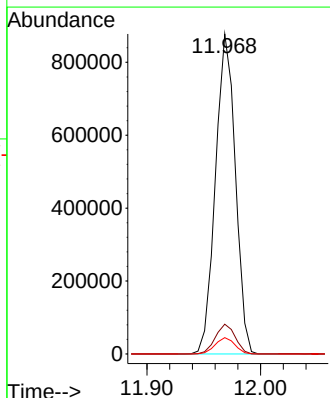
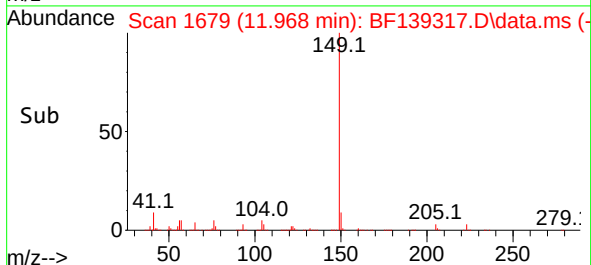
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

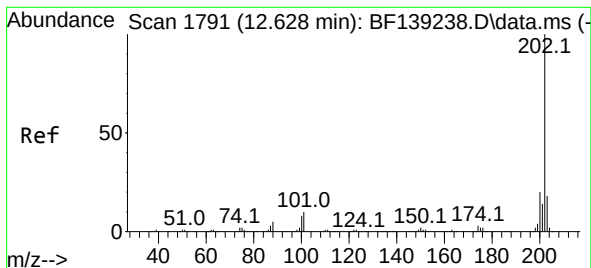


#74
 Di-n-butylphthalate
 Concen: 53.936 ng
 RT: 11.968 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF139317.D
 Acq: 11 Sep 2024 11:20



Tgt Ion:149 Resp: 1070727
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 48.745 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

Tgt Ion:202 Resp: 1037754

Ion Ratio Lower Upper

202 100

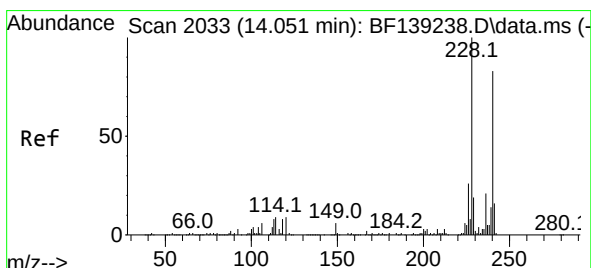
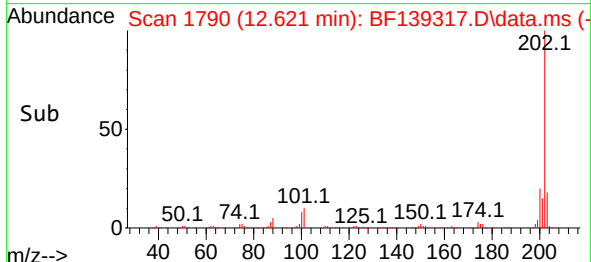
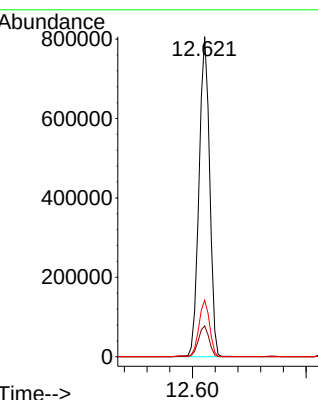
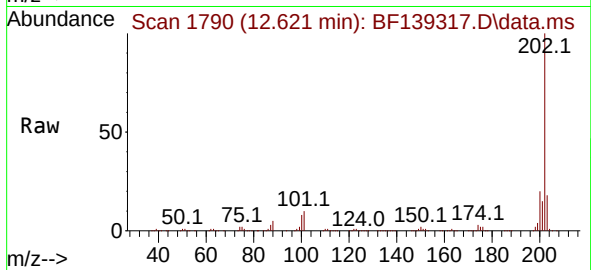
101 9.6 0.0 29.9

203 17.7 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

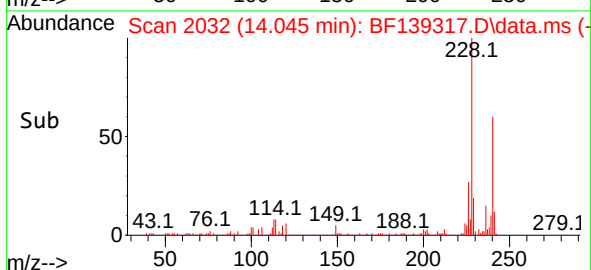
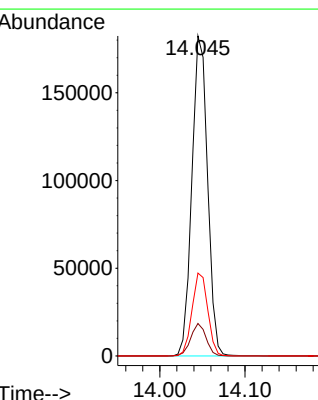
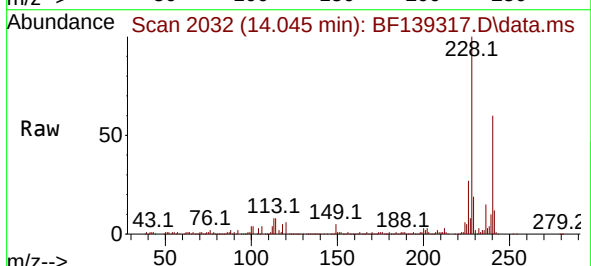
Tgt Ion:240 Resp: 232797

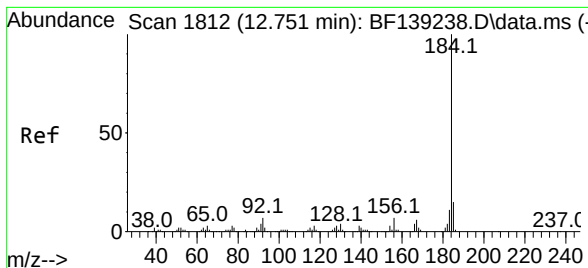
Ion Ratio Lower Upper

240 100

120 10.2 8.6 12.8

236 25.9 20.7 31.1





#77

Benzidine

Concen: 59.709 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

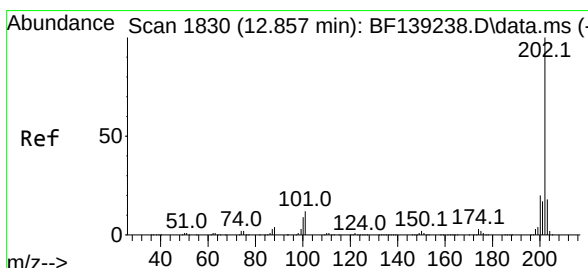
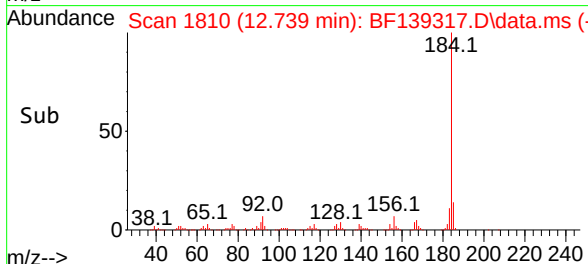
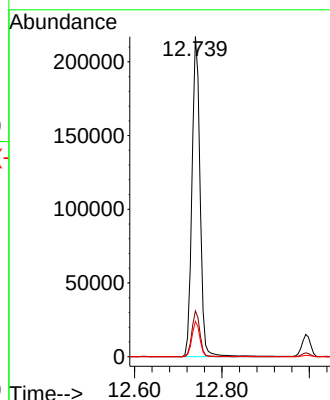
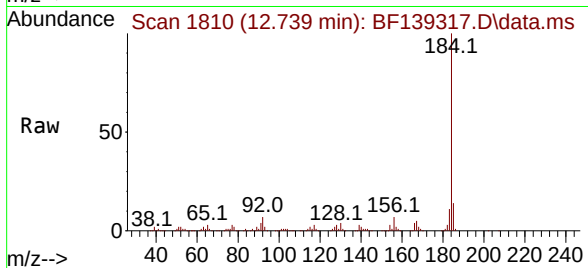
PB163259BS

Tgt Ion:184 Resp: 279885
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.9 17.9
 183 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#78

Pyrene

Concen: 46.776 ng

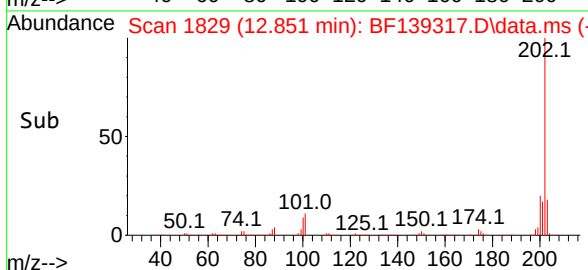
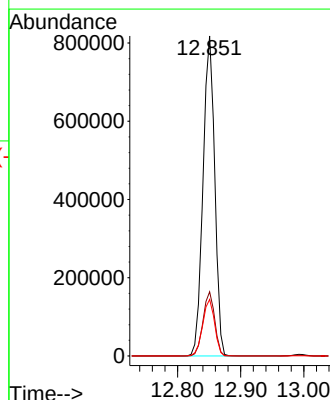
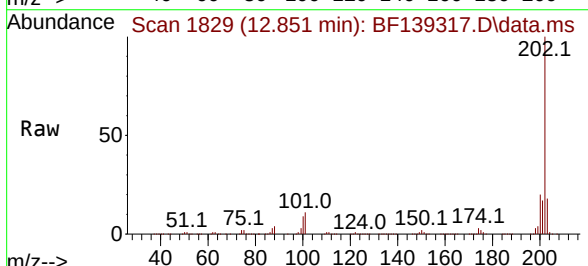
RT: 12.851 min Scan# 1829

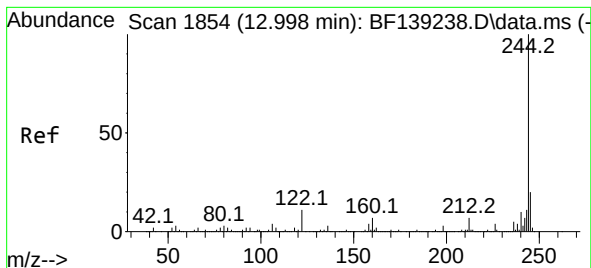
Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Tgt Ion:202 Resp: 1051919
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.8 23.8
 203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 102.094 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139317.D

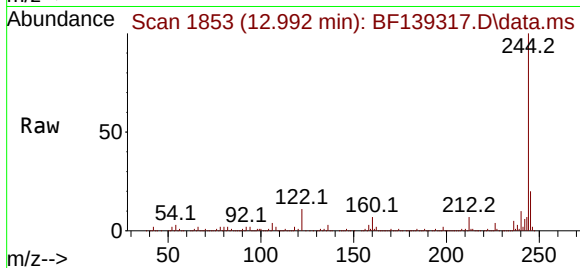
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS



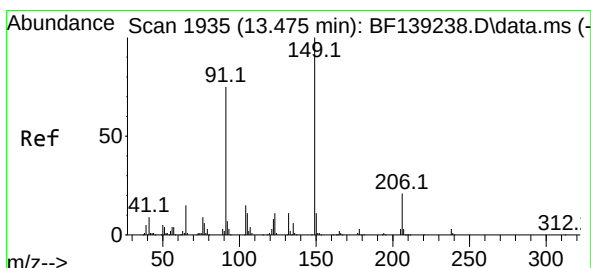
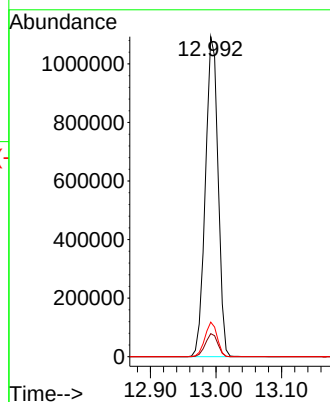
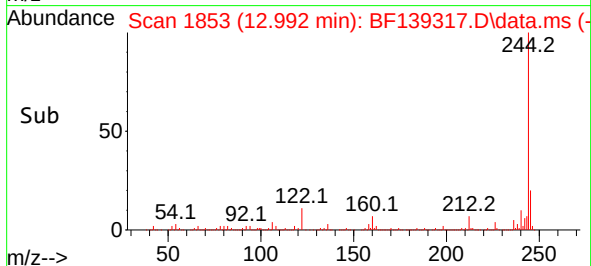
Tgt Ion:244 Resp: 147203

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#80

Butylbenzylphthalate

Concen: 64.928 ng

RT: 13.468 min Scan# 1934

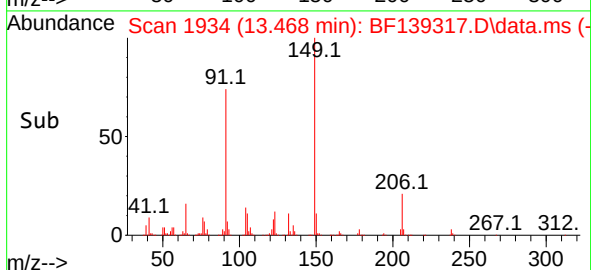
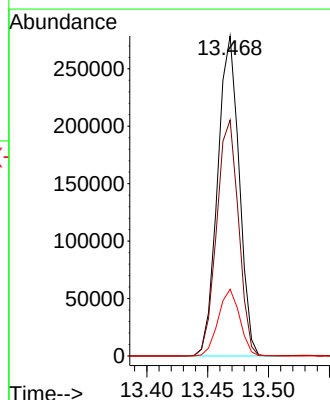
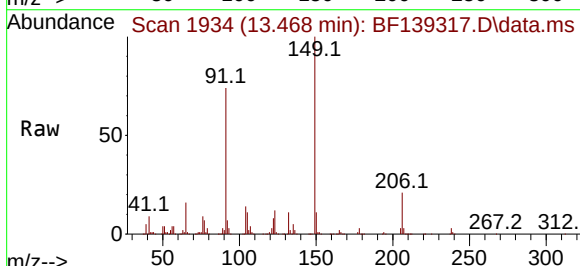
Delta R.T. -0.006 min

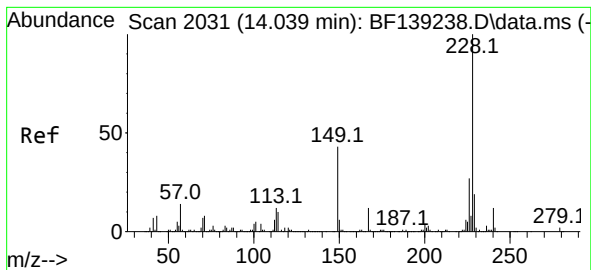
Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Tgt Ion:149 Resp: 343727

Ion	Ratio	Lower	Upper
149	100		
91	73.8	60.3	90.5
206	20.8	16.7	25.1





#81

Benzo(a)anthracene

Concen: 49.422 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

Tgt Ion:228 Resp: 73466

Ion Ratio Lower Upper

228 100

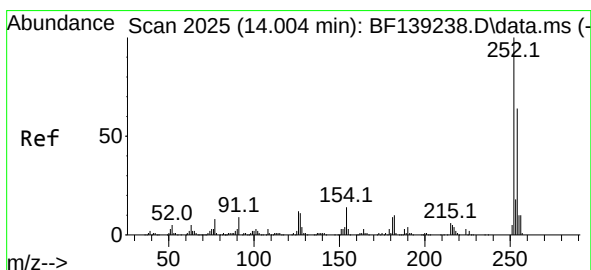
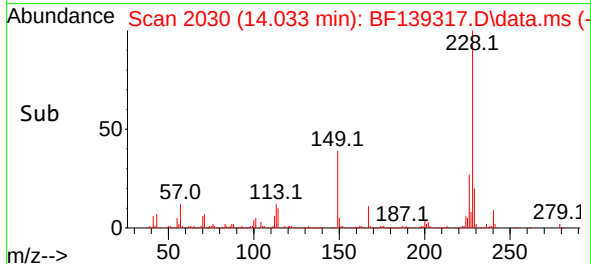
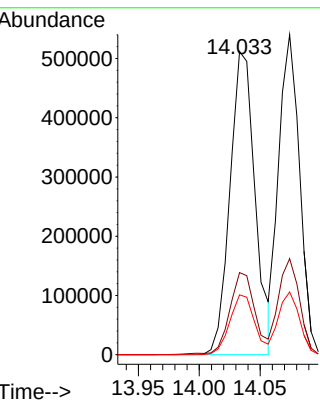
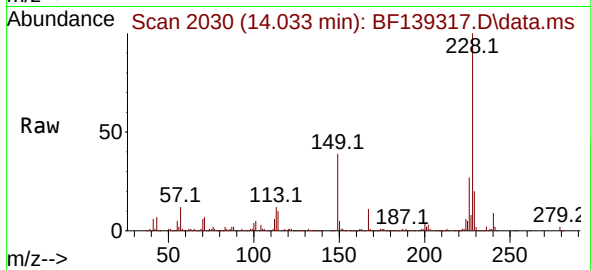
226 27.1 21.5 32.3

229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#82

3,3'-Dichlorobenzidine

Concen: 42.953 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

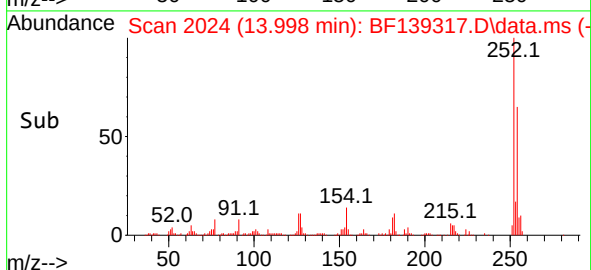
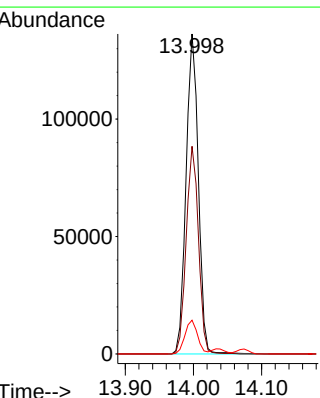
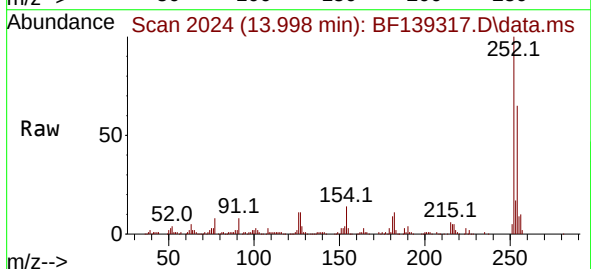
Tgt Ion:252 Resp: 169569

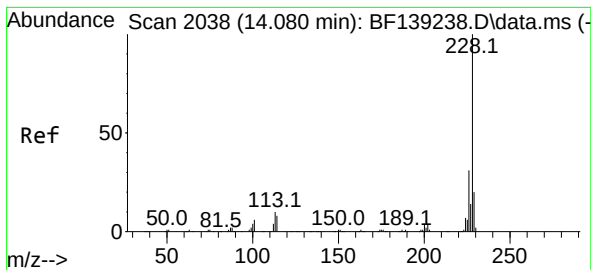
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 10.5 9.2 13.8





#83

Chrysene

Concen: 46.692 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

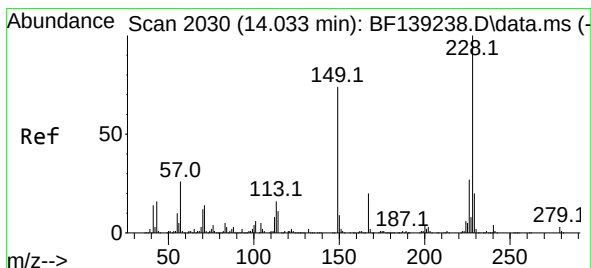
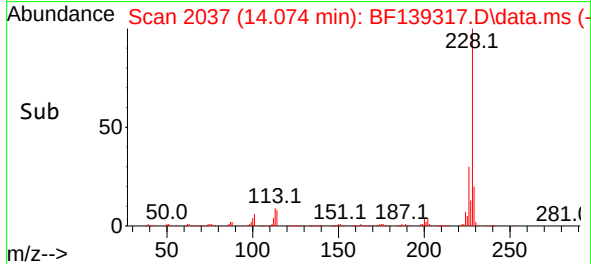
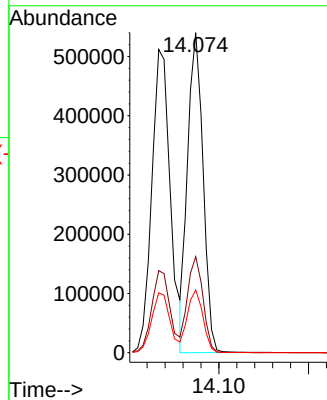
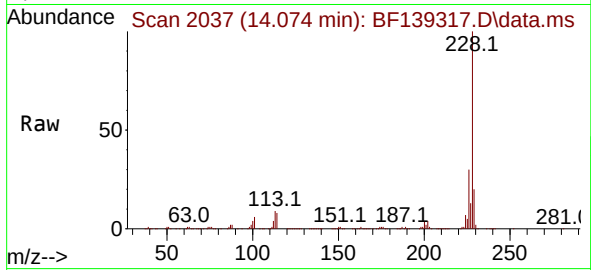
PB163259BS

Tgt Ion:228	Resp: 64780
Ion Ratio	Lower Upper
228 100	
226 30.0	23.8 35.8
229 19.6	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.723 ng

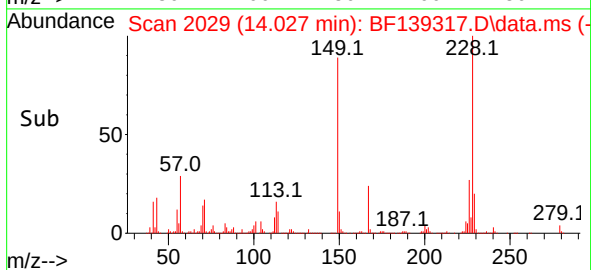
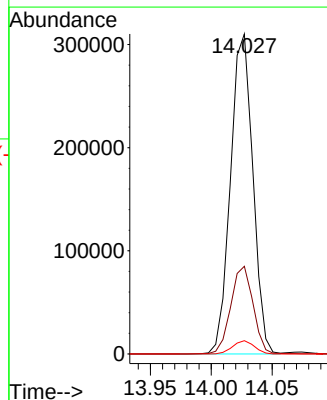
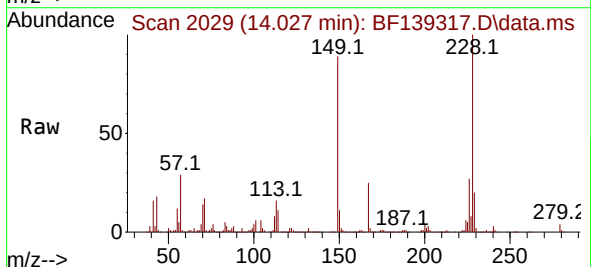
RT: 14.027 min Scan# 2029

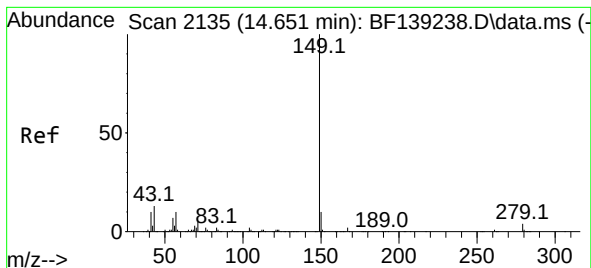
Delta R.T. -0.006 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Tgt Ion:149	Resp: 395954
Ion Ratio	Lower Upper
149 100	
167 27.4	21.8 32.6
279 4.1	3.0 4.6





#85

Di-n-octyl phthalate

Concen: 51.408 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

Tgt Ion:149 Resp: 611570

Ion Ratio Lower Upper

149 100

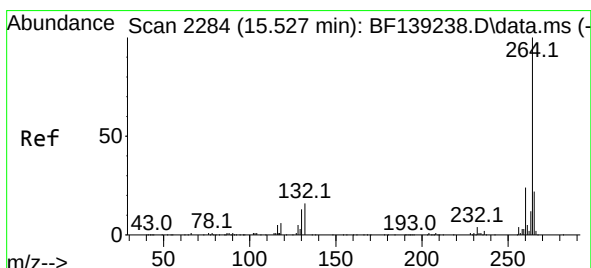
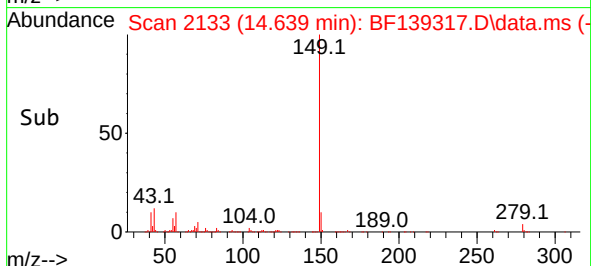
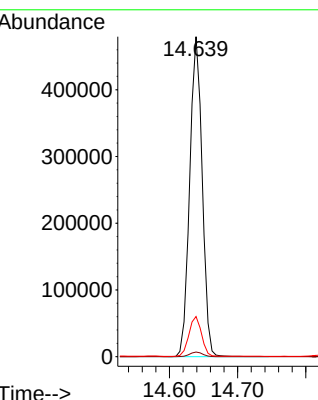
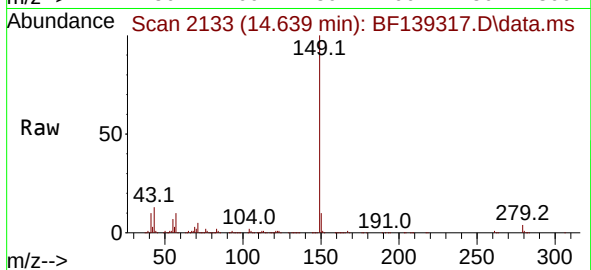
167 1.5 1.3 1.9

43 12.5 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

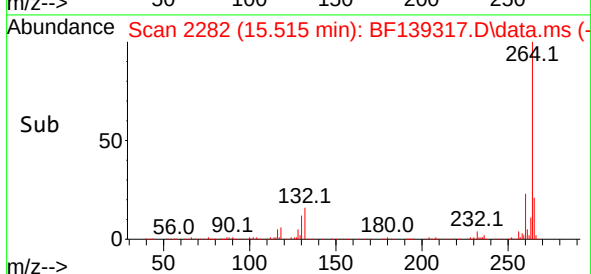
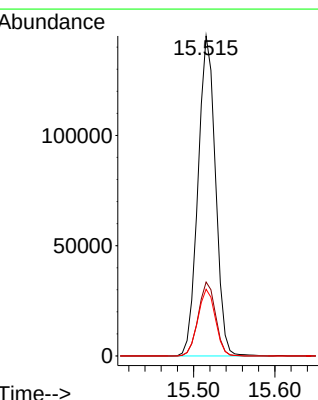
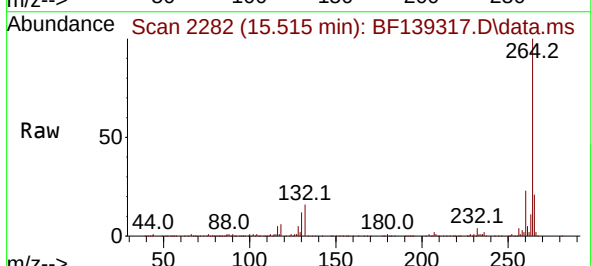
Tgt Ion:264 Resp: 216721

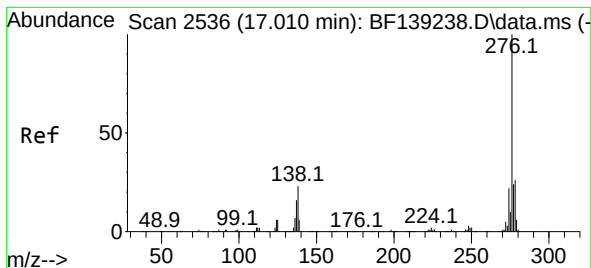
Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 20.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.999 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

Tgt Ion:276 Resp: 663398

Ion Ratio Lower Upper

276 100

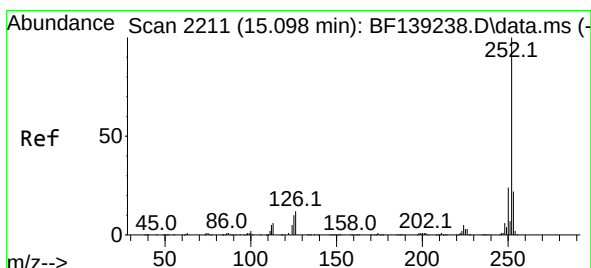
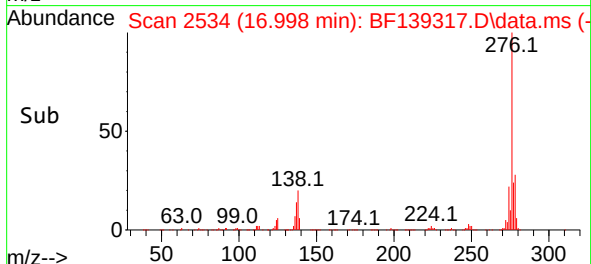
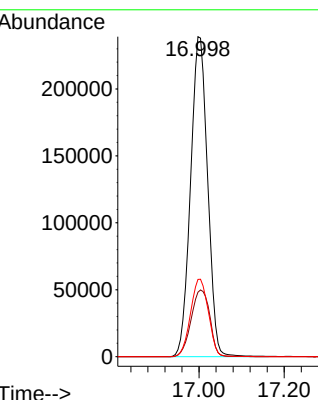
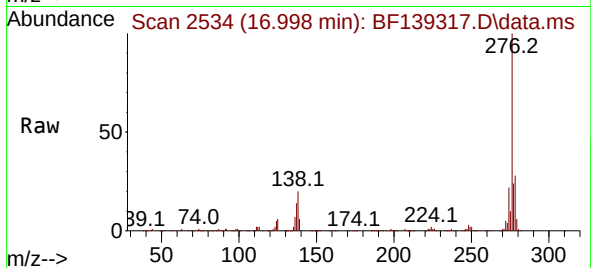
138 22.9 20.4 30.6

277 25.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#88

Benzo(b)fluoranthene

Concen: 51.175 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

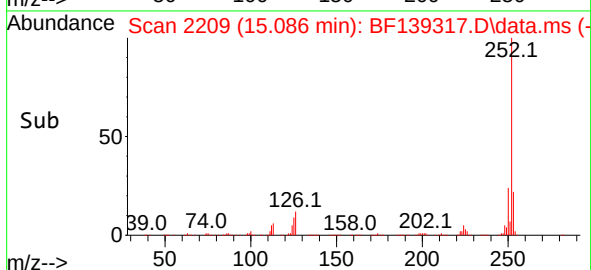
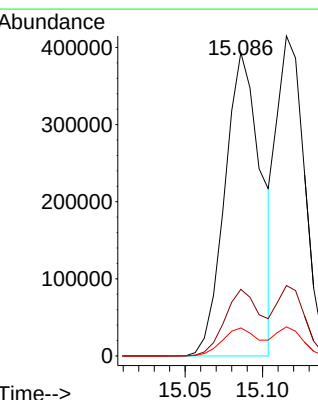
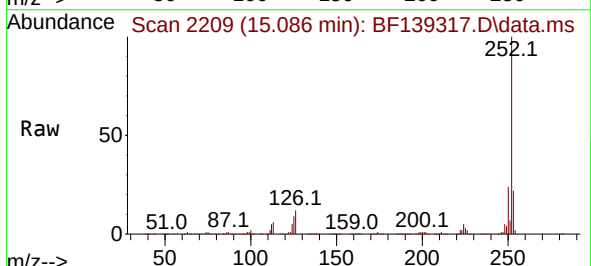
Tgt Ion:252 Resp: 638707

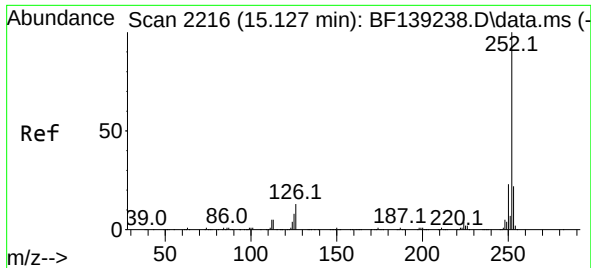
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.3 7.6 11.4





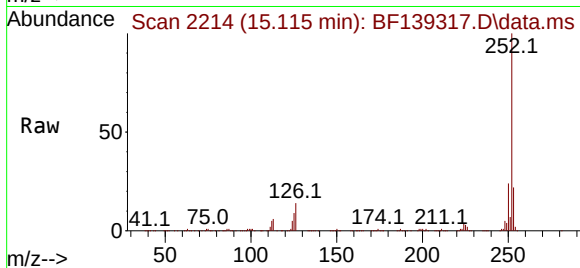
#89
Benzo(k)fluoranthene
Concen: 46.424 ng
RT: 15.115 min Scan# 2214
Delta R.T. -0.012 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

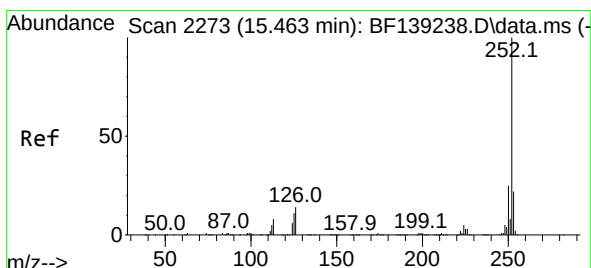
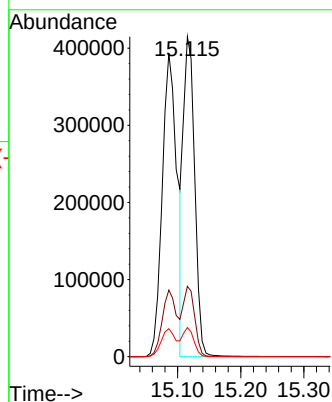
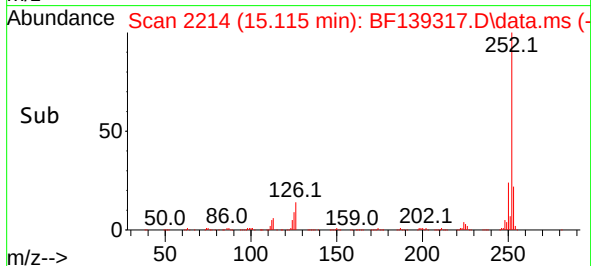


Tgt Ion:252 Resp: 519519
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.1 7.2 10.8

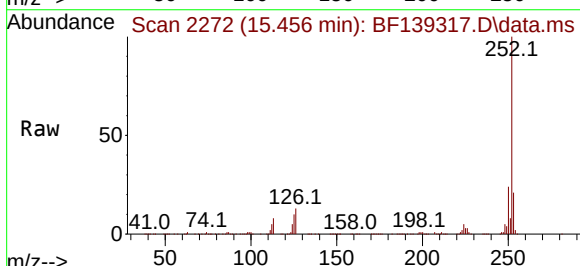
Manual Integrations

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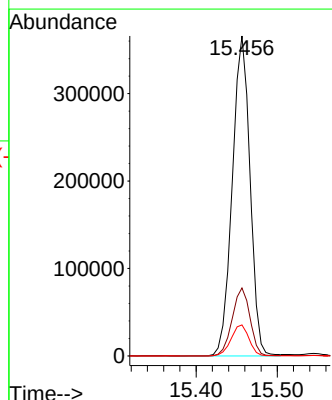
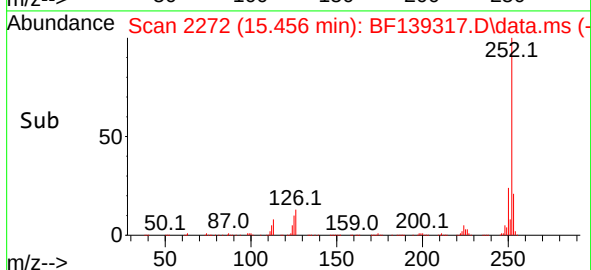
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

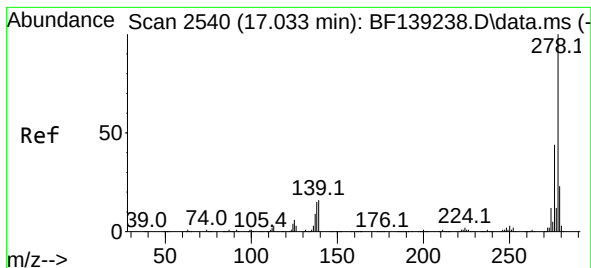


#90
Benzo(a)pyrene
Concen: 52.305 ng
RT: 15.456 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF139317.D
Acq: 11 Sep 2024 11:20



Tgt Ion:252 Resp: 554330
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 48.472 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB163259BS

Tgt Ion:278 Resp: 54081

Ion Ratio Lower Upper

278 100

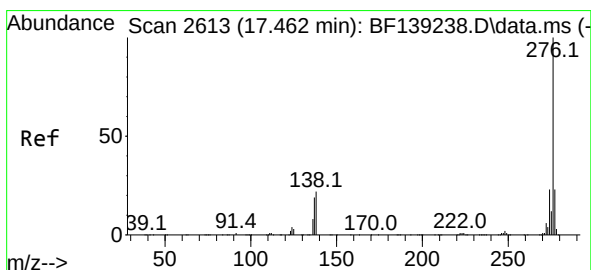
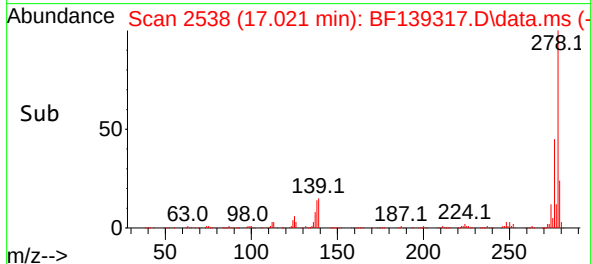
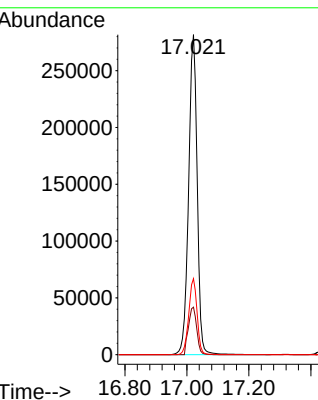
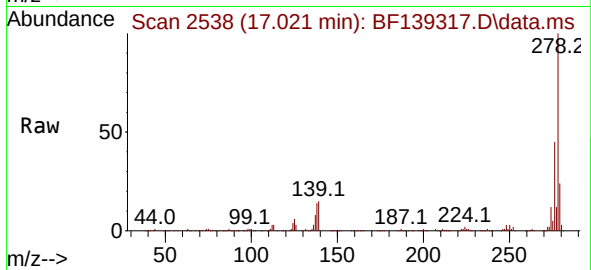
139 14.8 12.6 19.0

279 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#92

Benzo(g,h,i)perylene

Concen: 43.701 ng

RT: 17.450 min Scan# 2611

Delta R.T. -0.012 min

Lab File: BF139317.D

Acq: 11 Sep 2024 11:20

Tgt Ion:276 Resp: 503293

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 19.9 17.4 26.0

