

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139958.D
 Acq On : 23 Oct 2024 12:10
 Operator : RC/JU
 Sample : PB164216BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164216BS

Quant Time: Oct 23 12:30:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	153415	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	597946	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	337040	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	608398	20.000	ng	0.00
76) Chrysene-d12	14.057	240	308469	20.000	ng	0.00
86) Perylene-d12	15.533	264	334273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1264034	128.985	ng	0.02
7) Phenol-d6	6.516	99	1621075	127.721	ng	0.00
23) Nitrobenzene-d5	7.451	82	1053662	97.664	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	502741	159.470	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1900684	93.201	ng	0.00
79) Terphenyl-d14	12.998	244	1949301	102.971	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	181171	39.651	ng	94
3) Pyridine	3.522	79	482166	42.573	ng	96
4) n-Nitrosodimethylamine	3.475	42	270215	44.407	ng	97
6) Aniline	6.551	93	499742	42.247	ng	98
8) 2-Chlorophenol	6.675	128	506506	50.558	ng	97
9) Benzaldehyde	6.440	77	117443	16.448	ng	97
10) Phenol	6.528	94	625422m	47.796	ng	
11) bis(2-Chloroethyl)ether	6.628	93	478133	47.275	ng	98
12) 1,3-Dichlorobenzene	6.834	146	531241	46.194	ng	99
13) 1,4-Dichlorobenzene	6.910	146	542170	47.188	ng	98
14) 1,2-Dichlorobenzene	7.063	146	519865	48.481	ng	98
15) Benzyl Alcohol	7.028	79	465945	50.046	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	797113	46.221	ng	97
17) 2-Methylphenol	7.140	107	421674	49.361	ng	100
18) Hexachloroethane	7.404	117	193057	47.120	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	362975	47.153	ng	96
20) 3+4-Methylphenols	7.287	107	516161	47.238	ng	93
22) Acetophenone	7.298	105	675126	46.097	ng	98
24) Nitrobenzene	7.469	77	549083	46.420	ng	100
25) Isophorone	7.710	82	1000685	48.869	ng	99
26) 2-Nitrophenol	7.787	139	259205	58.087	ng	97
27) 2,4-Dimethylphenol	7.822	122	424427	57.040	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	590468	47.594	ng	100
29) 2,4-Dichlorophenol	8.022	162	421980	49.790	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	435374	46.425	ng	99
31) Naphthalene	8.192	128	1466211	47.545	ng	100
32) Benzoic acid	7.934	122	329465	50.766	ng	95
33) 4-Chloroaniline	8.240	127	221509	21.065	ng	97
34) Hexachlorobutadiene	8.310	225	281356	47.750	ng	98
35) Caprolactam	8.610	113	143448m	53.230	ng	
36) 4-Chloro-3-methylphenol	8.716	107	470764	50.164	ng	98
37) 2-Methylnaphthalene	8.887	142	922565	48.847	ng	100
38) 1-Methylnaphthalene	8.987	142	860620	46.445	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	430680	47.365	ng	99
41) Hexachlorocyclopentadiene	9.039	237	574012	181.428	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	337138	52.370	ng	99

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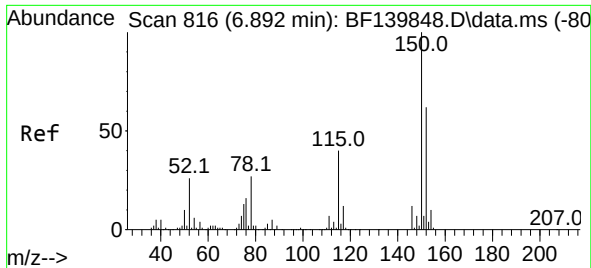
Manual Integrations
 APPROVED

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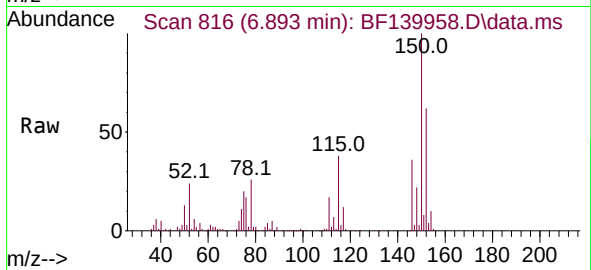
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	334456	50.356	ng	99
46) 1,1'-Biphenyl	9.351	154	1117358	47.622	ng	100
47) 2-Chloronaphthalene	9.375	162	895035	47.363	ng	99
48) 2-Nitroaniline	9.469	65	314462	54.409	ng	93
49) Acenaphthylene	9.792	152	1404091	51.394	ng	100
50) Dimethylphthalate	9.651	163	1062096	50.592	ng	100
51) 2,6-Dinitrotoluene	9.710	165	241204	53.064	ng	97
52) Acenaphthene	9.963	154	976906	55.276	ng	99
53) 3-Nitroaniline	9.875	138	147516	31.470	ng	98
54) 2,4-Dinitrophenol	9.986	184	262852	134.351	ng	# 1
55) Dibenzofuran	10.139	168	1239585	48.886	ng	98
56) 4-Nitrophenol	10.034	139	400046	110.928	ng	99
57) 2,4-Dinitrotoluene	10.116	165	321890	57.585	ng	98
58) Fluorene	10.481	166	934230	48.373	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	287032	55.127	ng	96
60) Diethylphthalate	10.351	149	1039354	50.423	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	475448	48.748	ng	99
62) 4-Nitroaniline	10.498	138	240421	54.305	ng	96
63) Azobenzene	10.634	77	1051460	48.116	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	176303	71.043	ng	92
66) n-Nitrosodiphenylamine	10.592	169	882234	48.450	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	313535	50.024	ng	95
68) Hexachlorobenzene	11.028	284	351750	49.901	ng	96
69) Atrazine	11.116	200	292228	59.244	ng	99
70) Pentachlorophenol	11.216	266	438311	102.455	ng	99
71) Phenanthrene	11.445	178	1407707	48.984	ng	100
72) Anthracene	11.492	178	1449181	51.684	ng	100
73) Carbazole	11.645	167	1248438	47.875	ng	100
74) Di-n-butylphthalate	11.975	149	1492403	49.535	ng	100
75) Fluoranthene	12.628	202	1376242	47.372	ng	99
77) Benzidine	12.745	184	325609	64.194	ng	99
78) Pyrene	12.857	202	1386136	51.336	ng	100
80) Butylbenzylphthalate	13.475	149	451043	55.718	ng	98
81) Benzo(a)anthracene	14.045	228	1034491	51.518	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	210956	36.032	ng	98
83) Chrysene	14.080	228	957996	52.033	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	529584	58.310	ng	99
85) Di-n-octyl phthalate	14.645	149	926010	56.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1214317	56.468	ng	98
88) Benzo(b)fluoranthene	15.098	252	1026661	50.419	ng	100
89) Benzo(k)fluoranthene	15.127	252	858812	48.905	ng	100
90) Benzo(a)pyrene	15.474	252	917068	54.734	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	991507	55.269	ng	99
92) Benzo(g,h,i)perylene	17.492	276	931568	51.987	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

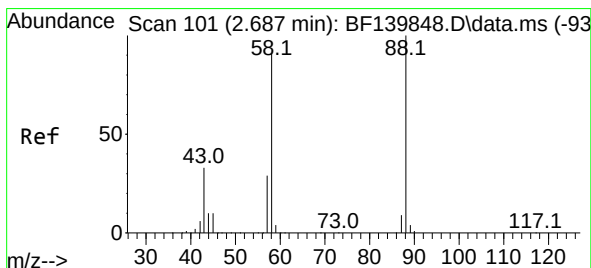
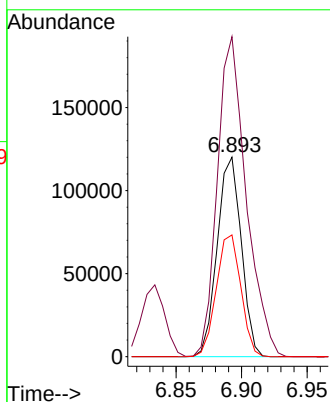
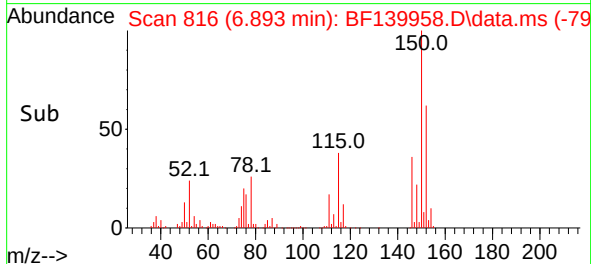
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion:152 Resp: 15341
Ion Ratio Lower Upper
152 100
150 160.4 130.2 195.2
115 61.1 51.4 77.2

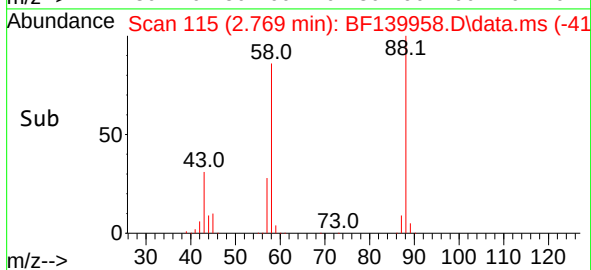
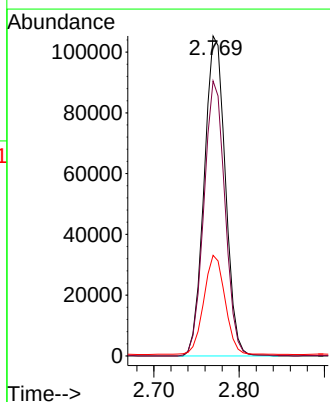
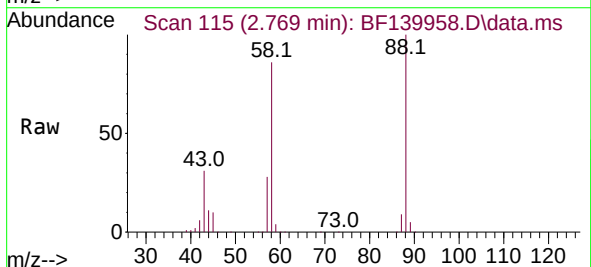
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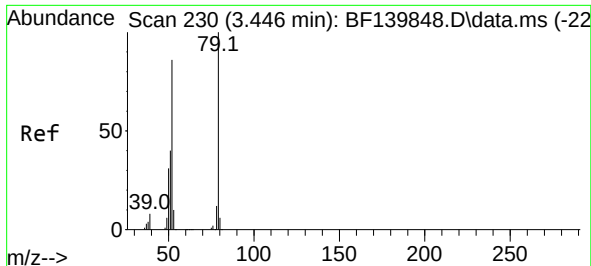
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#2
1,4-Dioxane
Concen: 39.651 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

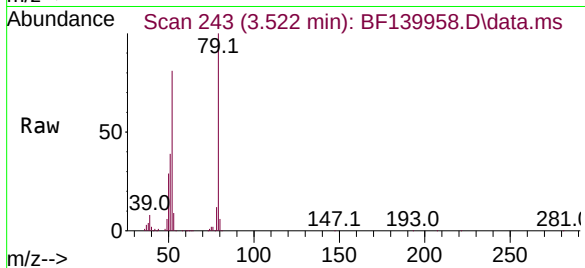
Tgt Ion: 88 Resp: 181171
Ion Ratio Lower Upper
88 100
58 85.9 73.3 109.9
43 31.5 27.1 40.7





#3
Pyridine
Concen: 42.573 ng
RT: 3.522 min Scan# 243
Delta R.T. 0.077 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

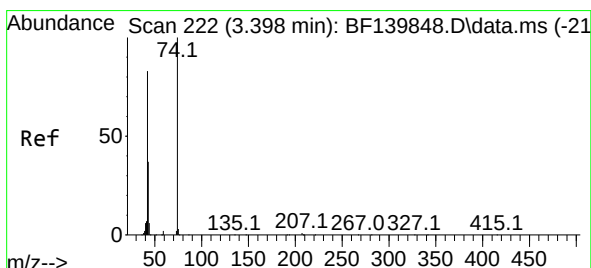
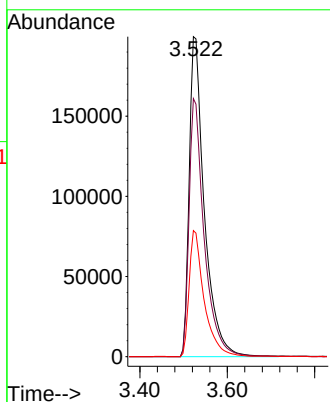
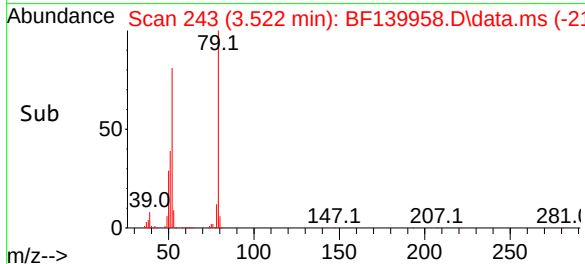
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion: 79 Resp: 482160
Ion Ratio Lower Upper
79 100
52 80.6 68.5 102.7
51 39.4 32.3 48.5

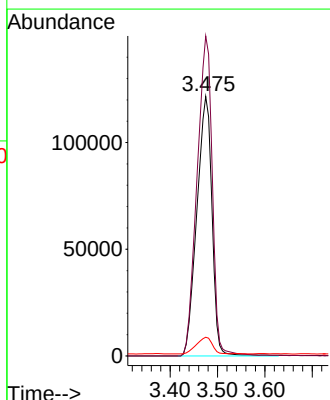
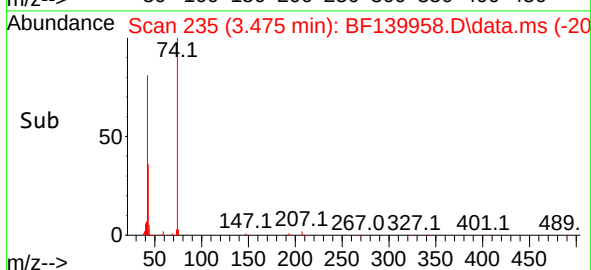
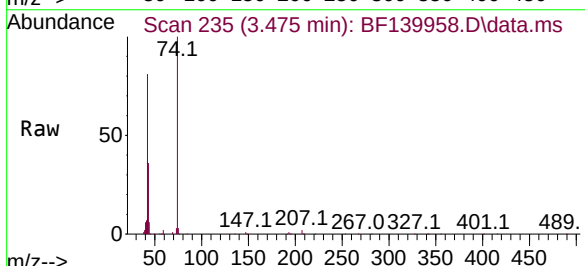
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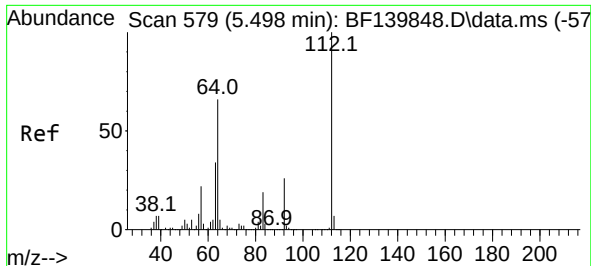
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#4
n-Nitrosodimethylamine
Concen: 44.407 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.077 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 42 Resp: 270215
Ion Ratio Lower Upper
42 100
74 123.3 96.2 144.4
44 7.2 6.2 9.2





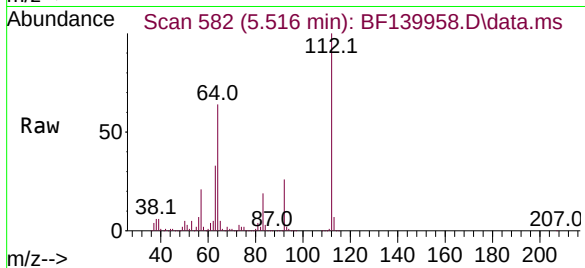
#5
2-Fluorophenol
Concen: 128.985 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

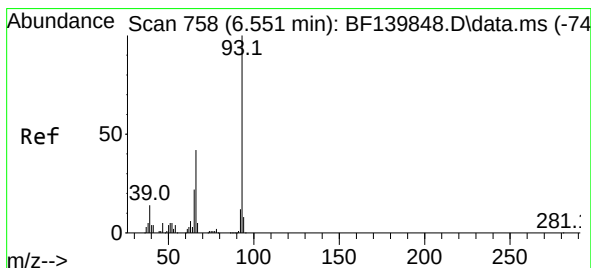
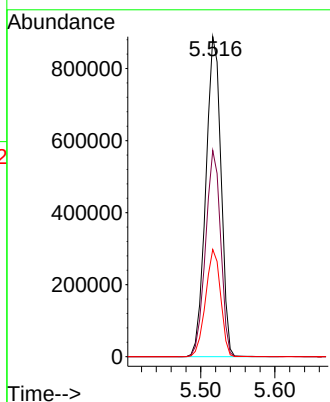
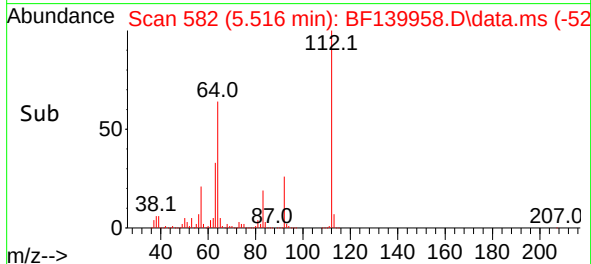
PB164216BS



Tgt Ion:112 Resp: 1264034
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.5 27.0 40.4

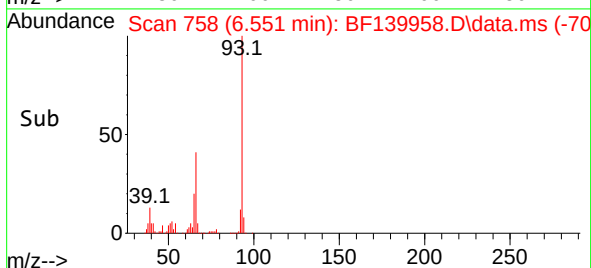
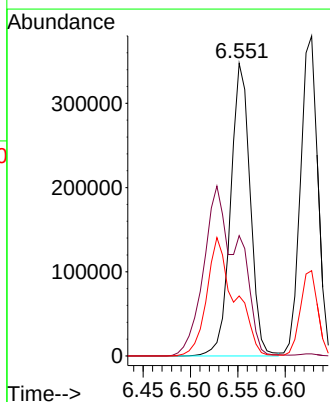
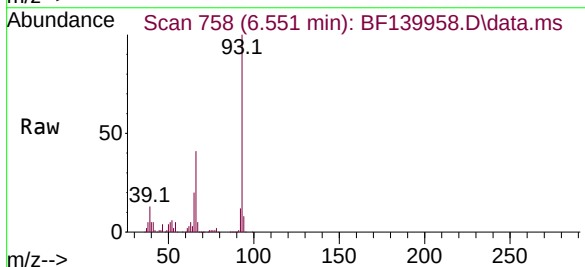
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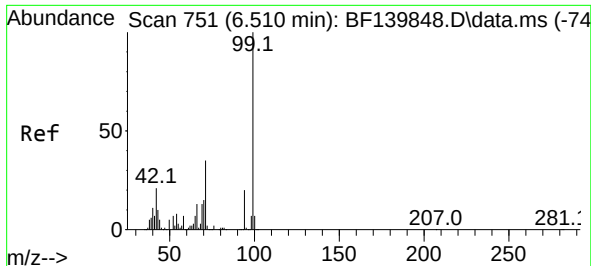
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#6
Aniline
Concen: 42.247 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

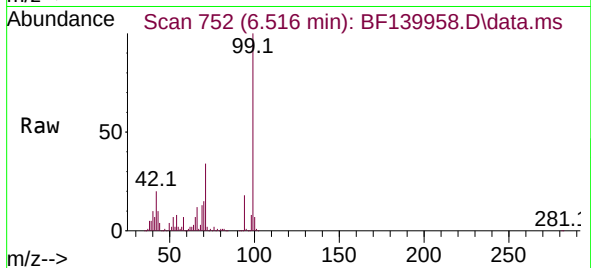
Tgt Ion: 93 Resp: 499742
Ion Ratio Lower Upper
93 100
66 41.1 34.0 51.0
65 20.5 17.4 26.0





#7
Phenol-d6
Concen: 127.721 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

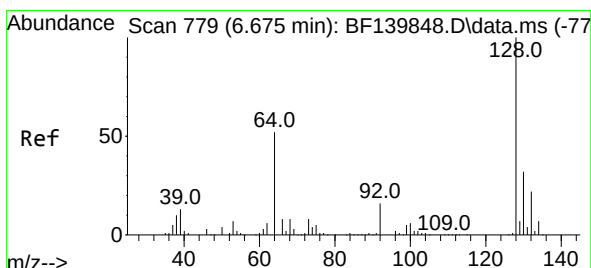
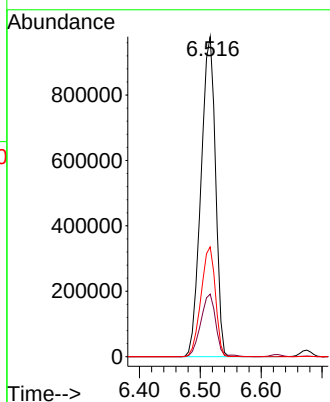
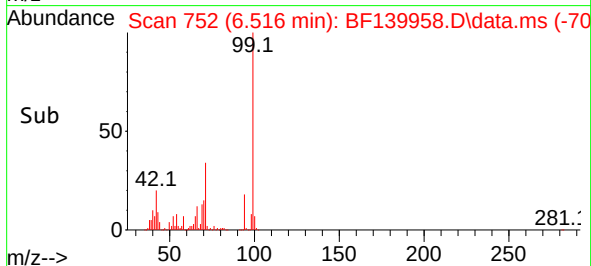
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion: 99 Resp: 162107
Ion Ratio Lower Upper
99 100
42 19.5 16.7 25.1
71 34.3 27.7 41.5

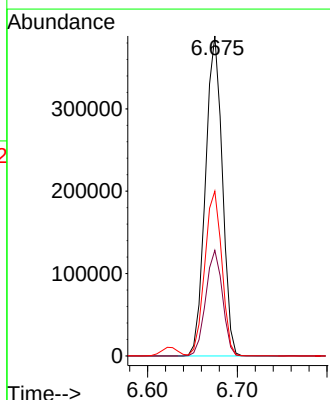
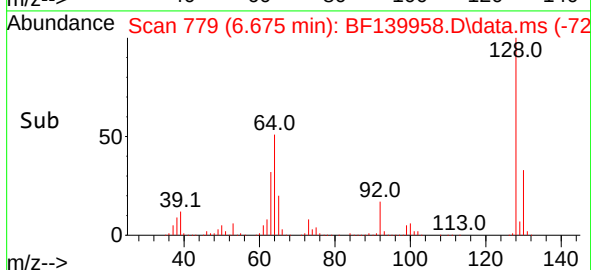
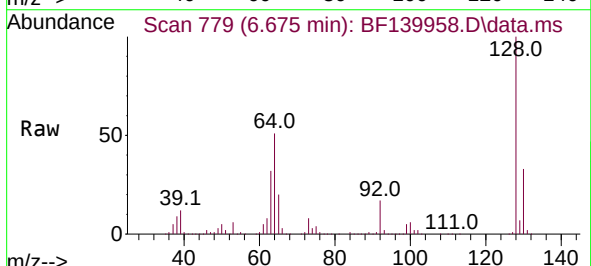
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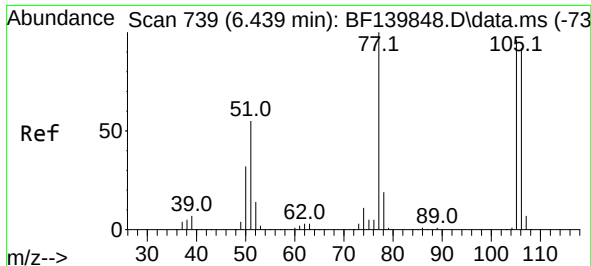
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#8
2-Chlorophenol
Concen: 50.558 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

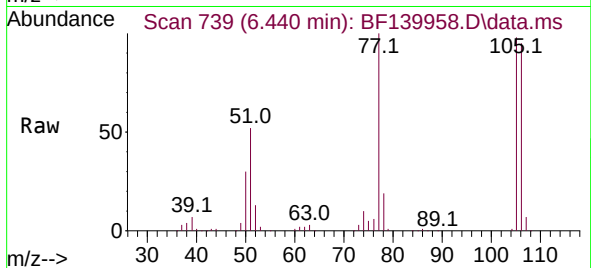
Tgt Ion:128 Resp: 506506
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 51.5 34.6 74.6





#9
Benzaldehyde
Concen: 16.448 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

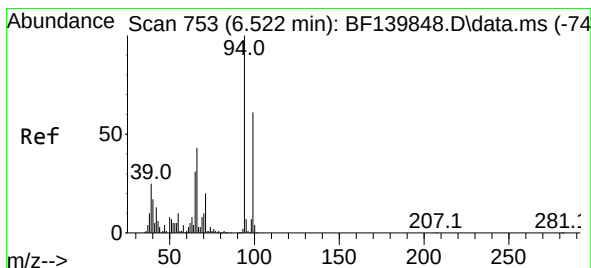
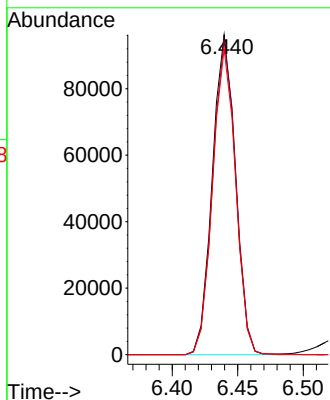
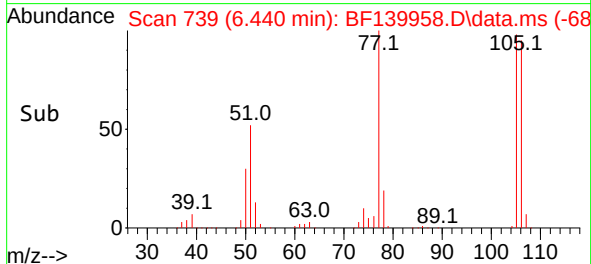
Instrument :
BNA_F
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PB164216BS



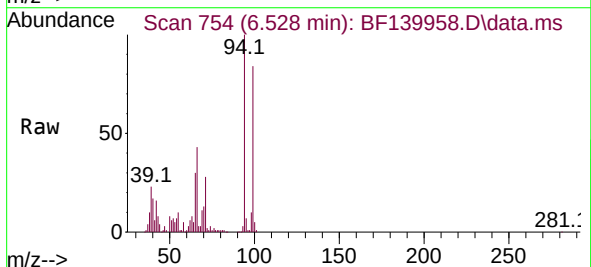
Tgt Ion: 77 Resp: 11744
Ion Ratio Lower Upper
77 100
105 98.1 75.5 115.5
106 95.5 71.7 111.7

Manual Integrations
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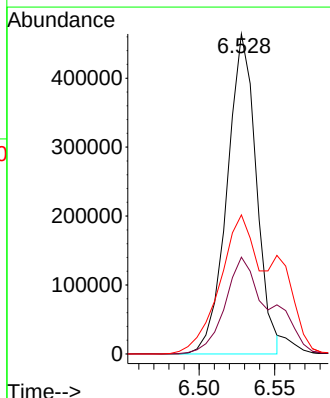
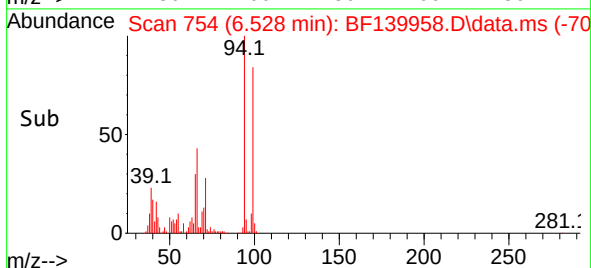
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

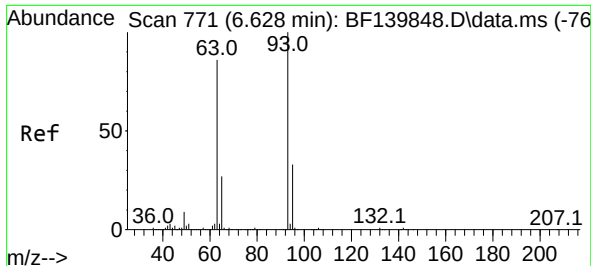


#10
Phenol
Concen: 47.796 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion: 94 Resp: 625422
Ion Ratio Lower Upper
94 100
65 30.3 11.1 51.1
66 43.5 22.7 62.7





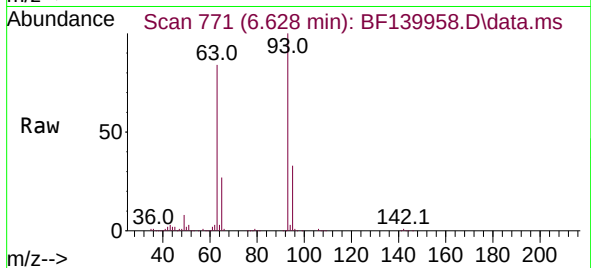
#11
bis(2-Chloroethyl)ether
Concen: 47.275 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

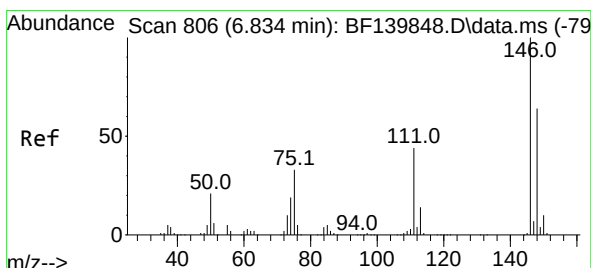
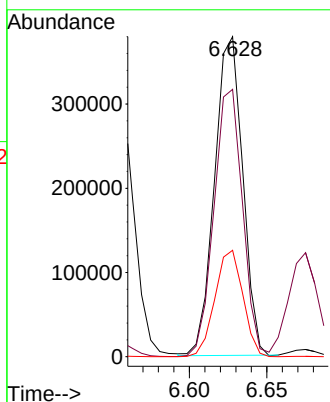
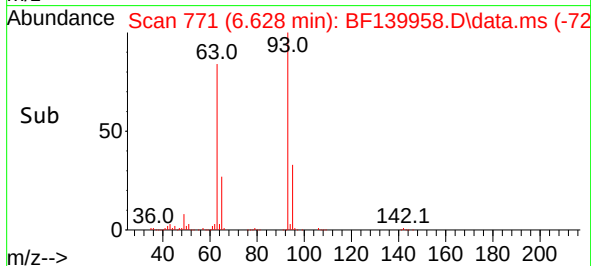
PB164216BS



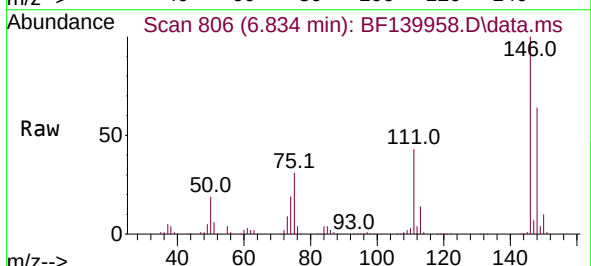
Tgt Ion: 93 Resp: 47813
Ion Ratio Lower Upper
93 100
63 83.6 65.0 105.0
95 33.2 12.4 52.4

Manual Integrations
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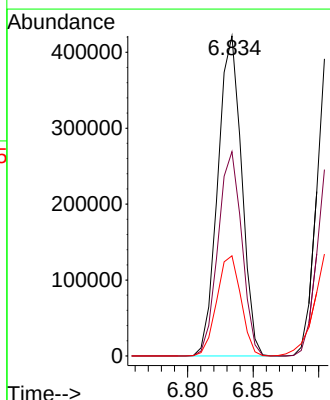
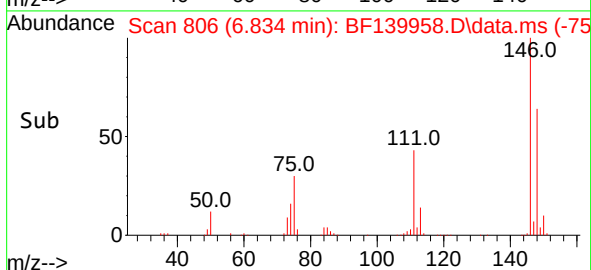
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

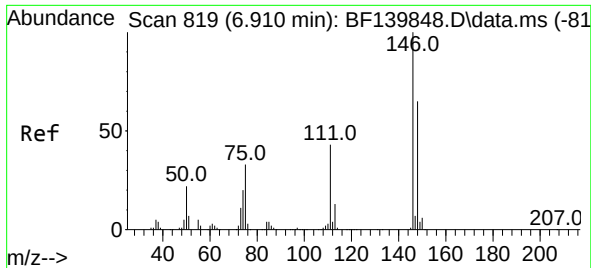


#12
1,3-Dichlorobenzene
Concen: 46.194 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion:146 Resp: 531241
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 31.3 26.4 39.6





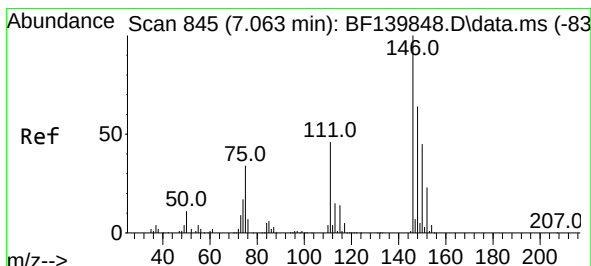
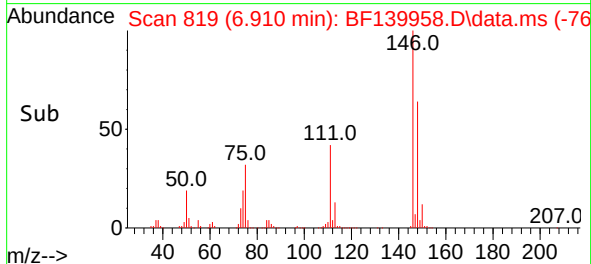
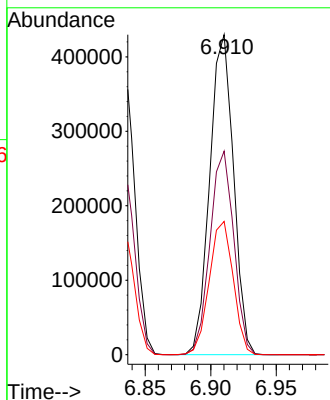
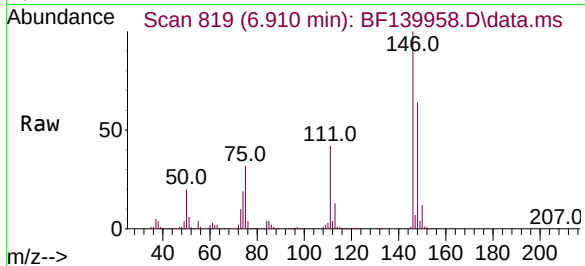
#13
1,4-Dichlorobenzene
Concen: 47.188 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

Tgt Ion:146 Resp: 542170
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 41.7 34.6 51.8

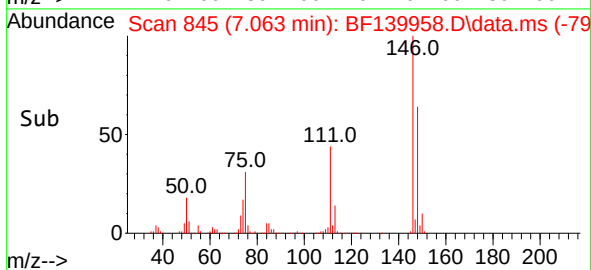
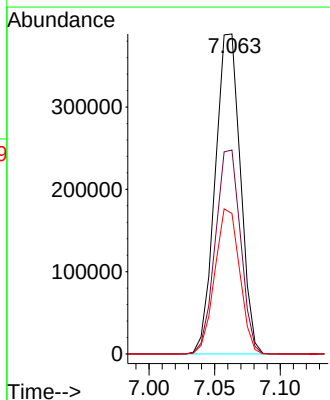
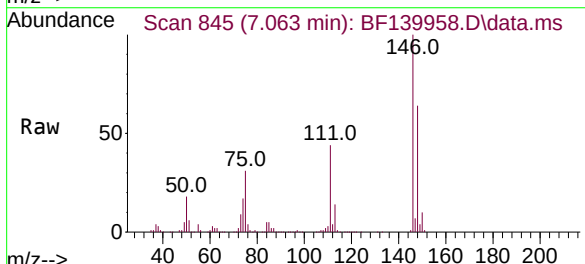
Manual Integrations
APPROVED

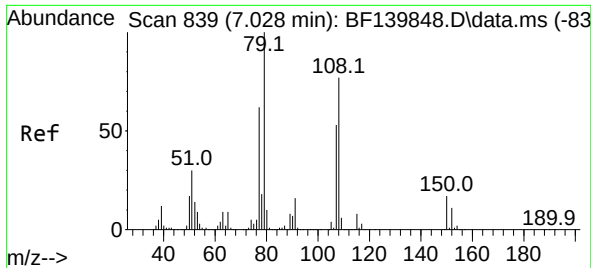
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#14
1,2-Dichlorobenzene
Concen: 48.481 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

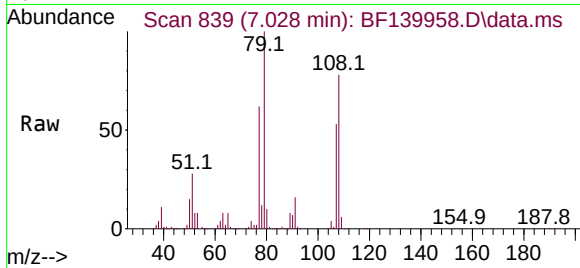
Tgt Ion:146 Resp: 519865
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.9 36.7 55.1





#15
Benzyl Alcohol
Concen: 50.046 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

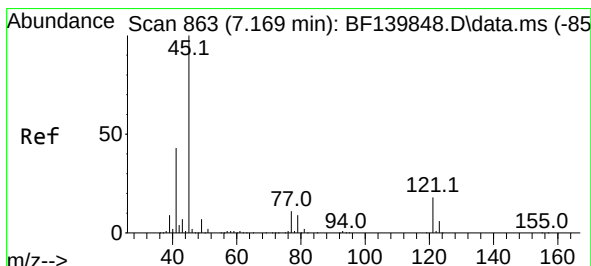
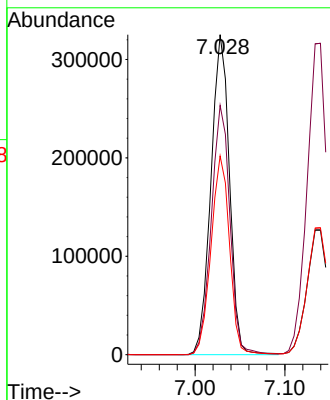
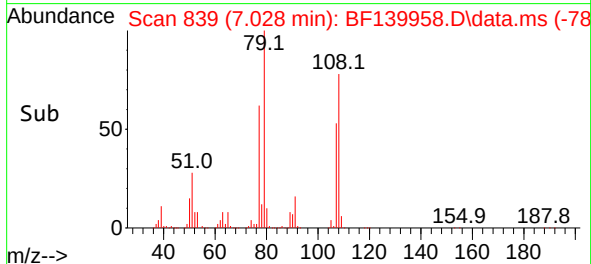
Instrument :
BNA_F
ClientSampleId :
PB164216BS



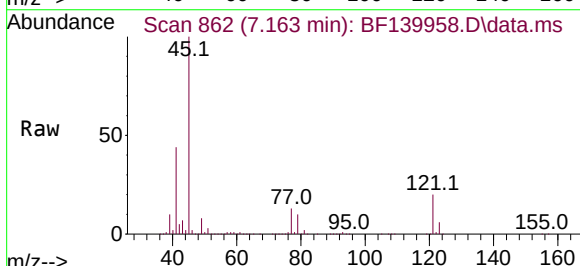
Tgt Ion: 79 Resp: 46594
Ion Ratio Lower Upper
79 100
108 77.9 61.4 92.0
77 62.1 49.9 74.9

Manual Integrations
APPROVED

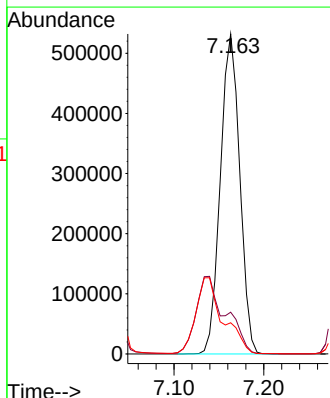
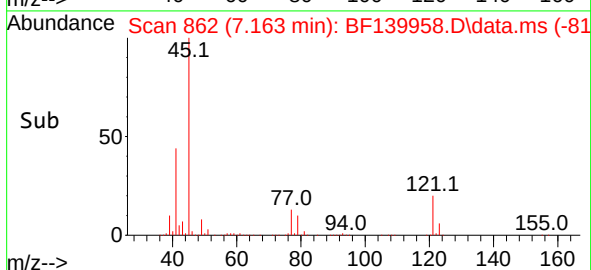
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

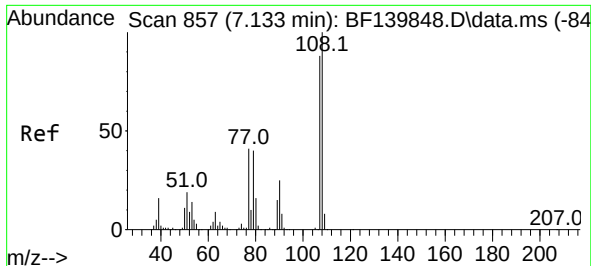


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.221 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion: 45 Resp: 797113
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.8 0.0 29.1





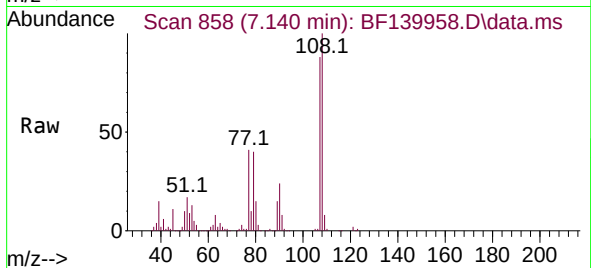
#17
2-Methylphenol
Concen: 49.361 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

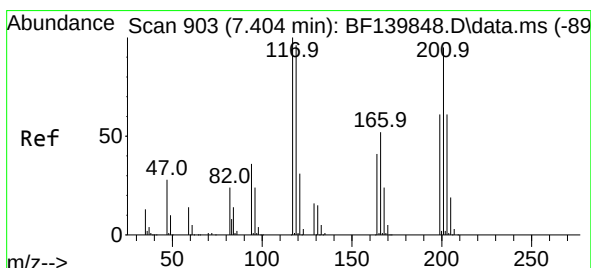
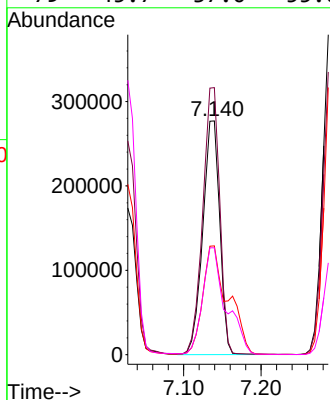
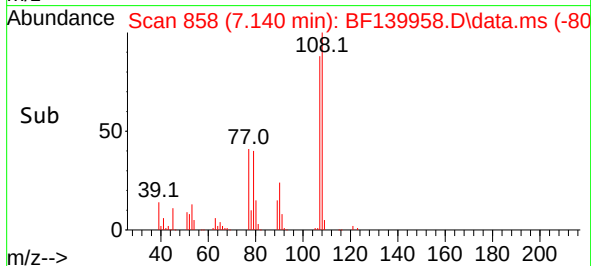


Tgt Ion:107 Resp: 421674
Ion Ratio Lower Upper
107 100
108 114.3 91.3 136.9
77 46.6 37.1 55.7
79 45.7 37.0 55.6

Manual Integrations

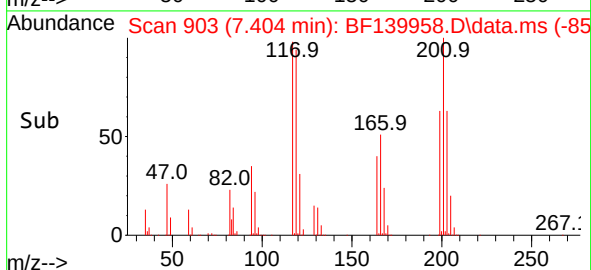
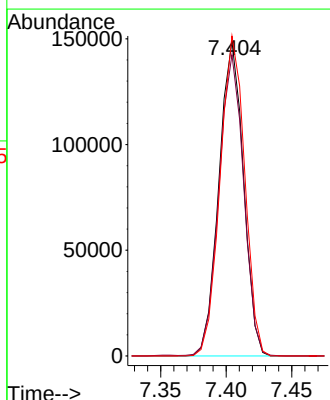
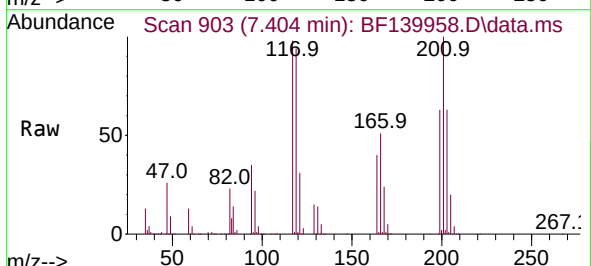
APPROVED

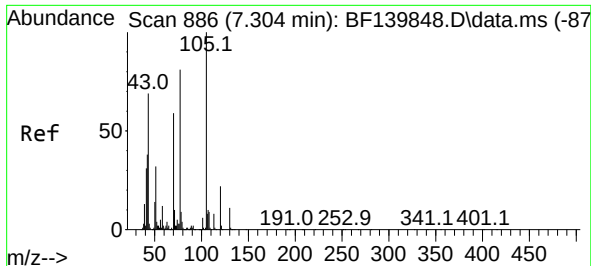
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#18
Hexachloroethane
Concen: 47.120 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

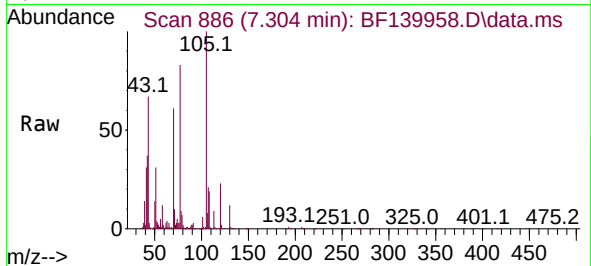
Tgt Ion:117 Resp: 193057
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4
201 101.7 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 47.153 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

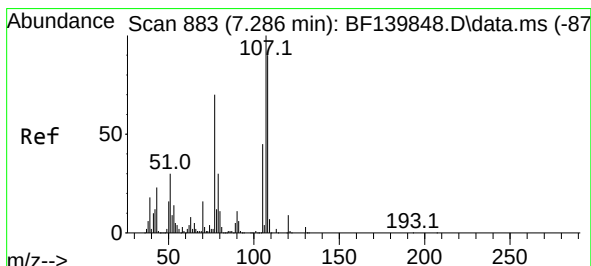
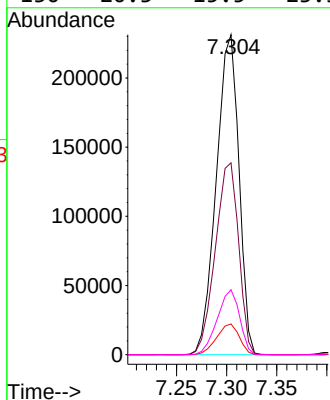
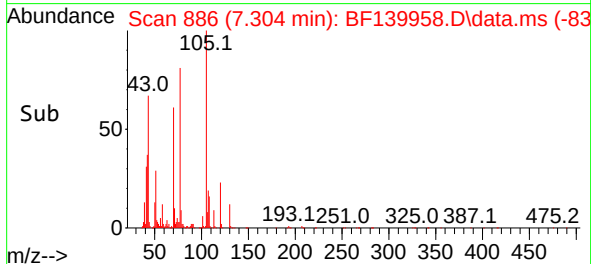
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion: 70 Resp: 36297
Ion Ratio Lower Upper
70 100
42 59.9 51.5 77.3
101 9.6 7.5 11.3
130 20.3 15.5 23.3

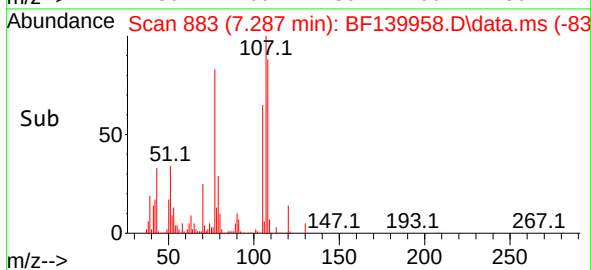
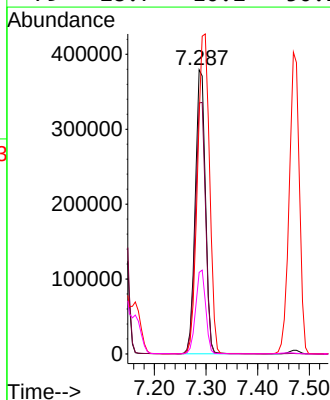
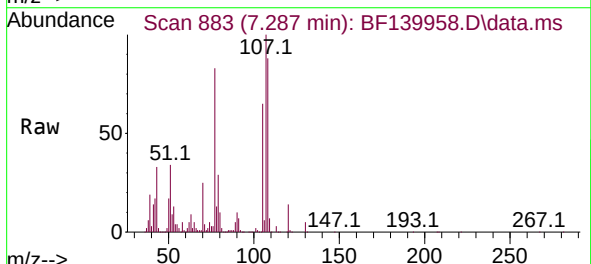
Manual Integrations
APPROVED

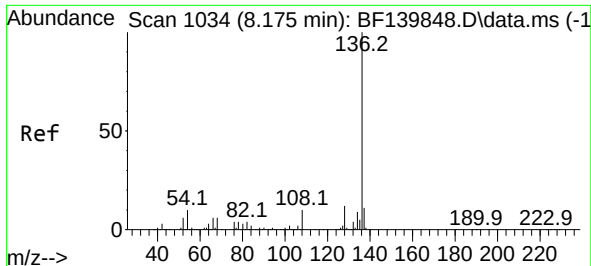
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#20
3+4-Methylphenols
Concen: 47.238 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:107 Resp: 516161
Ion Ratio Lower Upper
107 100
108 88.4 69.8 109.8
77 83.5 50.5 90.5
79 28.7 10.2 50.2





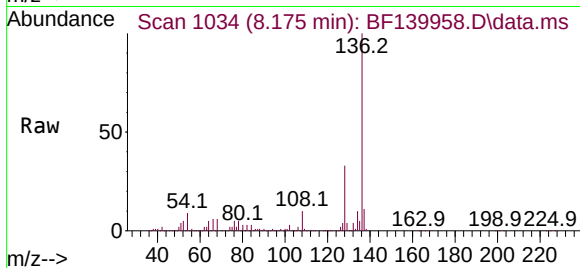
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS



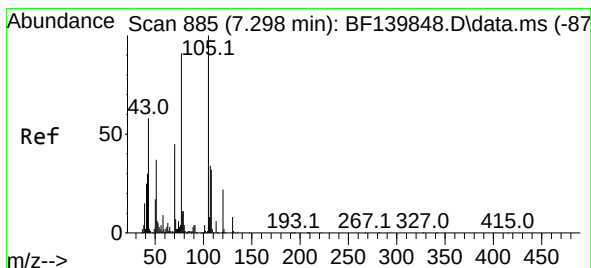
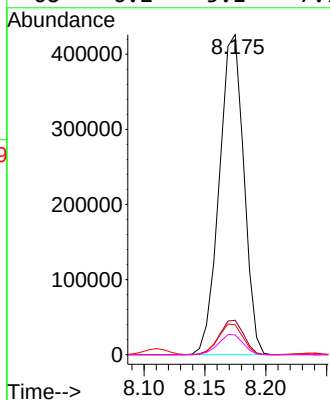
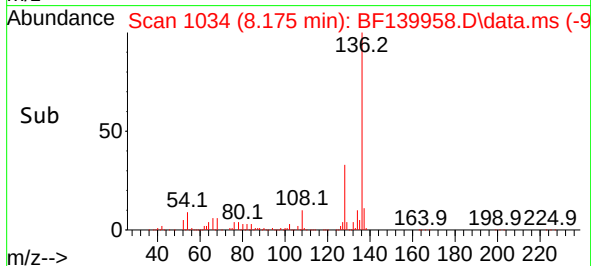
Tgt Ion:136 Resp: 597940
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.3 8.4 12.6
68 6.2 5.1 7.7

Manual Integrations

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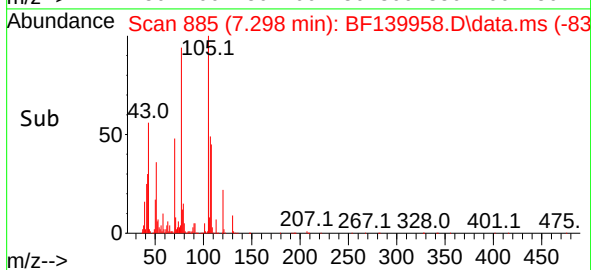
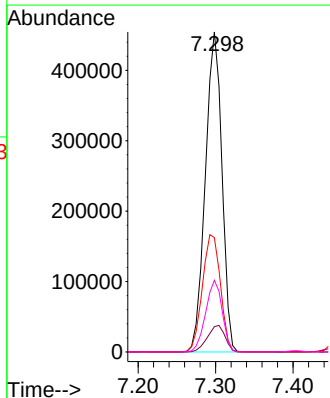
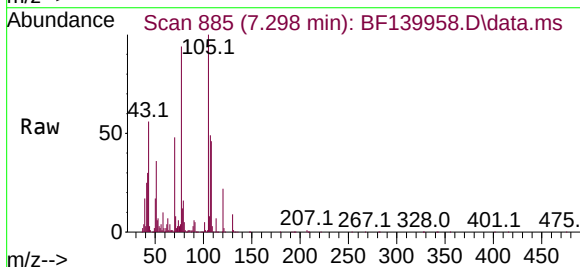
Reviewed By :Yogesh Patel 10/24/2024

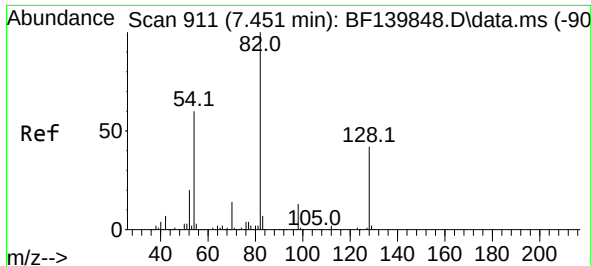
Supervised By :mohammad ahmed 10/25/2024



#22
Acetophenone
Concen: 46.097 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:105 Resp: 675126
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 35.7 29.4 44.2
120 22.4 17.5 26.3





#23

Nitrobenzene-d5

Concen: 97.664 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

Tgt Ion: 82 Resp: 105366

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.0

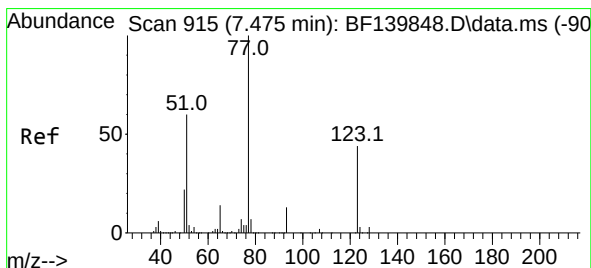
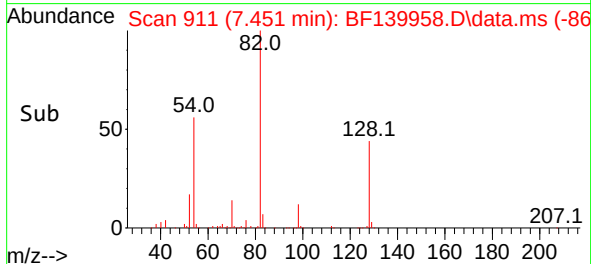
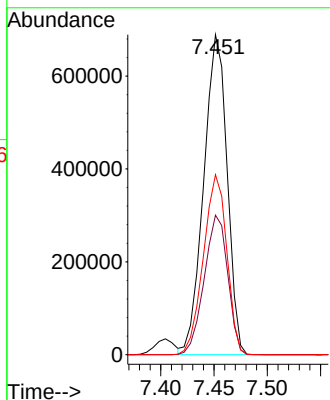
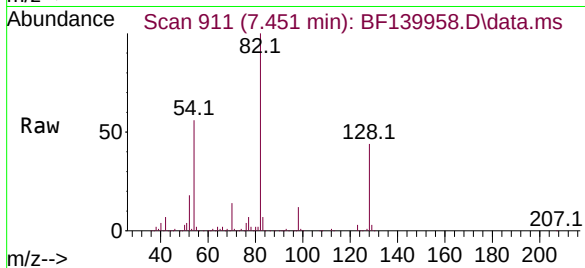
54 56.2 47.8 71.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#24

Nitrobenzene

Concen: 46.420 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

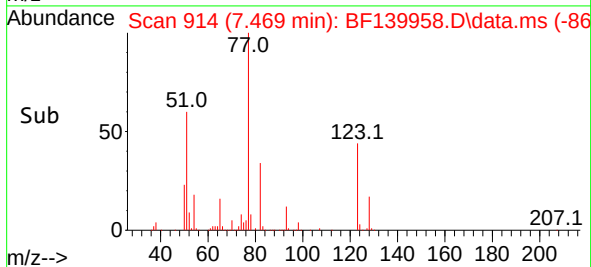
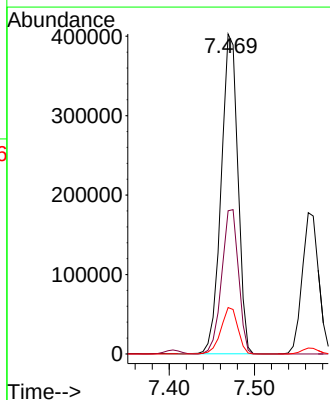
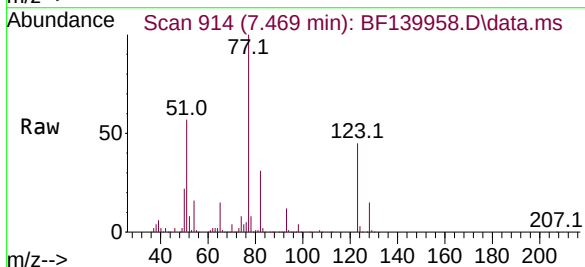
Tgt Ion: 77 Resp: 549083

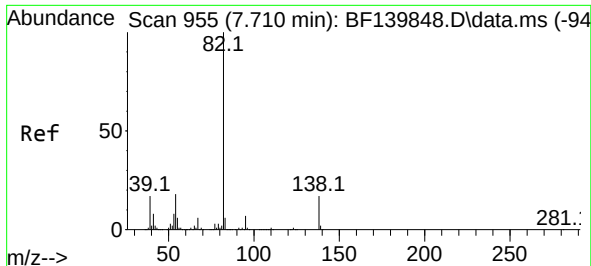
Ion Ratio Lower Upper

77 100

123 44.7 35.7 53.5

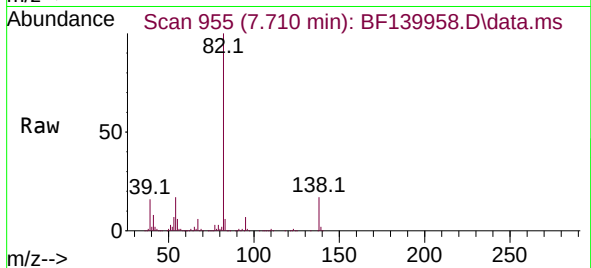
65 14.5 11.5 17.3





#25
Isophorone
Concen: 48.869 ng
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

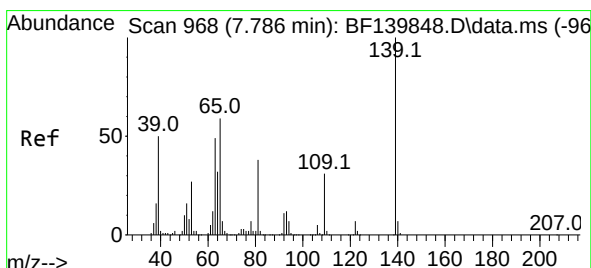
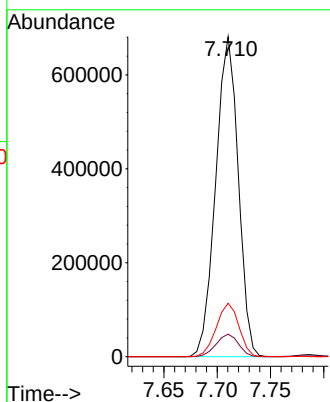
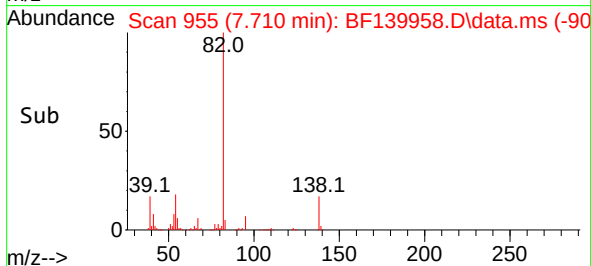
Instrument :
BNA_F
ClientSampleId :
PB164216BS



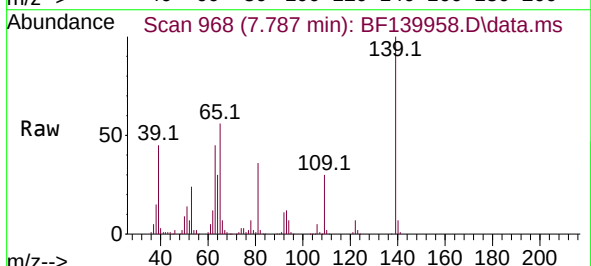
Tgt Ion: 82 Resp: 100068
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.7 13.2 19.8

Manual Integrations
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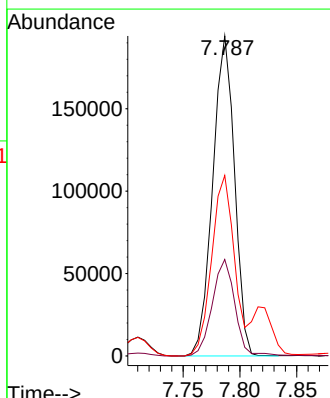
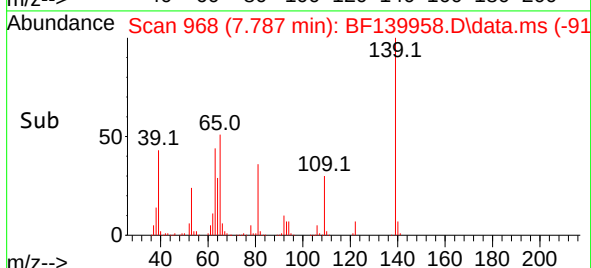
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

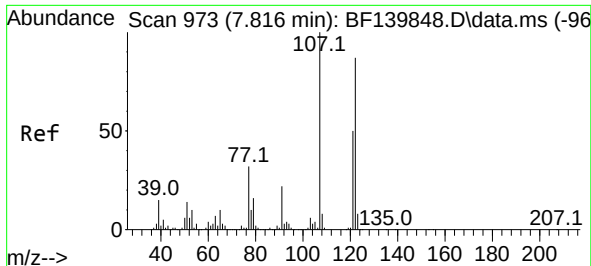


#26
2-Nitrophenol
Concen: 58.087 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion:139 Resp: 259205
Ion Ratio Lower Upper
139 100
109 30.2 25.1 37.7
65 56.4 47.5 71.3





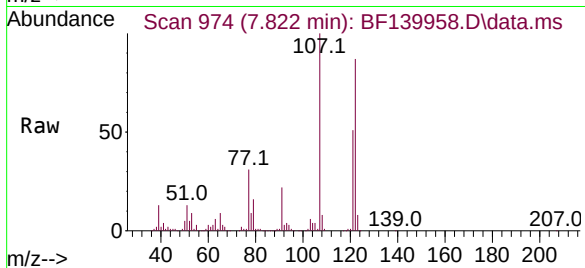
#27
2,4-Dimethylphenol
Concen: 57.040 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

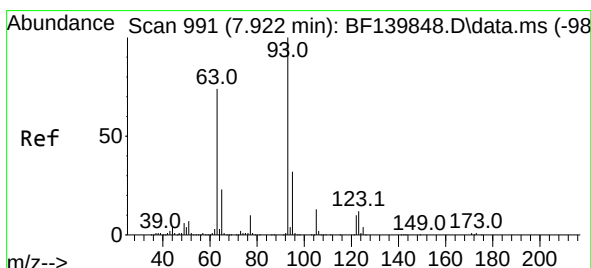
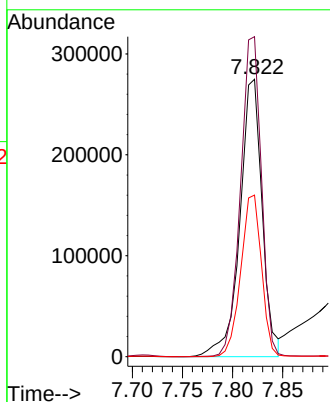
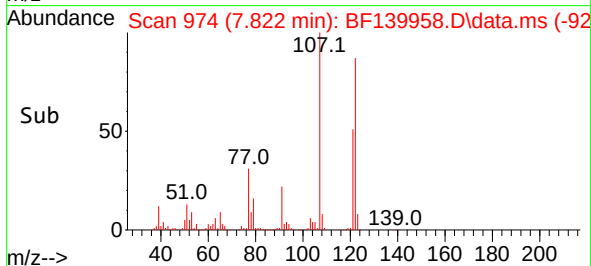


Tgt Ion:122 Resp: 42442
Ion Ratio Lower Upper
122 100
107 115.4 91.9 137.9
121 58.3 46.2 69.4

Manual Integrations

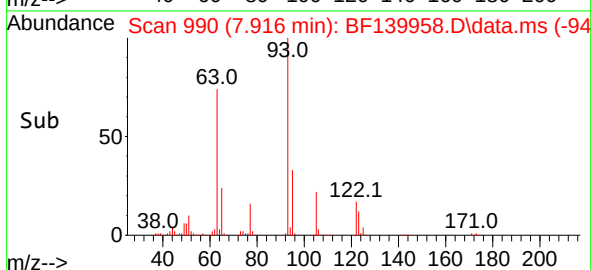
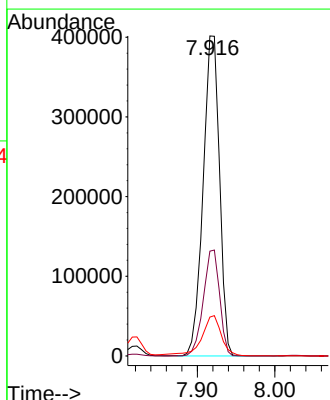
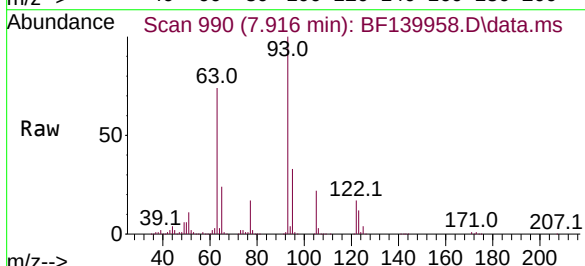
APPROVED

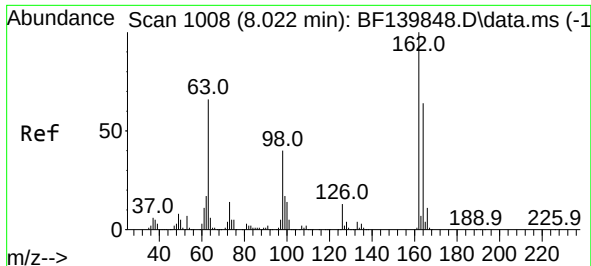
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.594 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 93 Resp: 590468
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 49.790 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

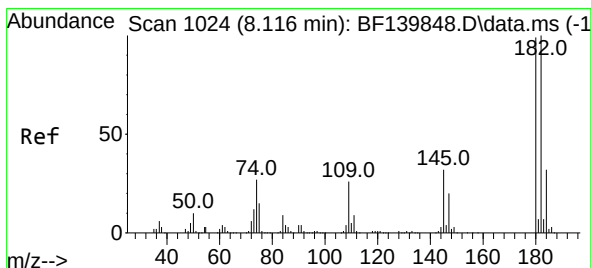
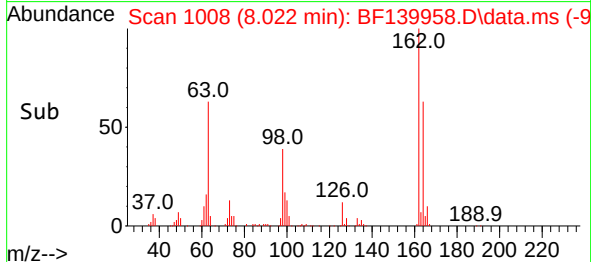
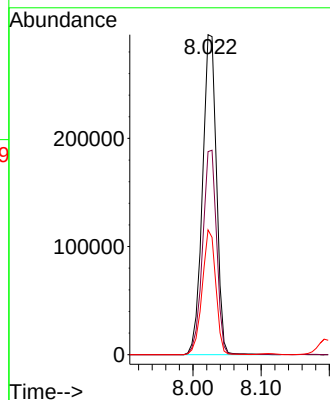
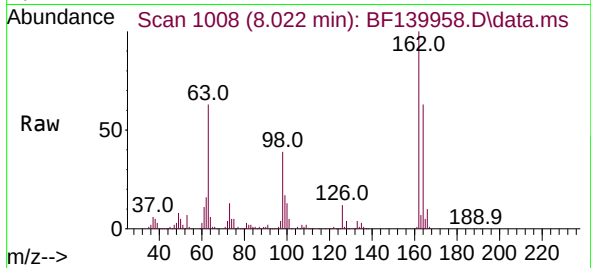
Tgt Ion:162	Resp:	421980
Ion Ratio	Lower	Upper
162	100	
164	63.5	43.9 83.9
98	39.0	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.425 ng

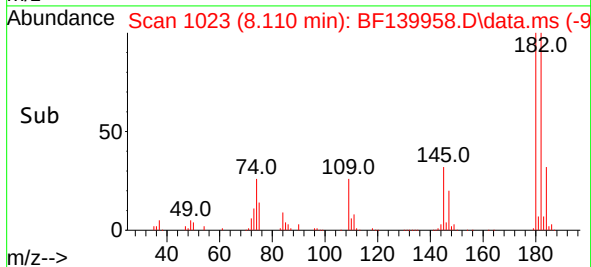
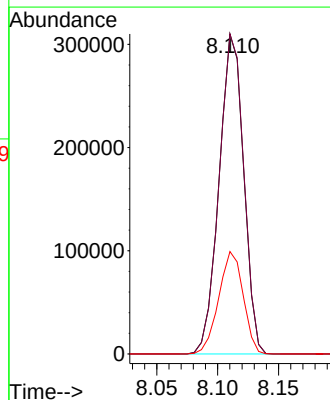
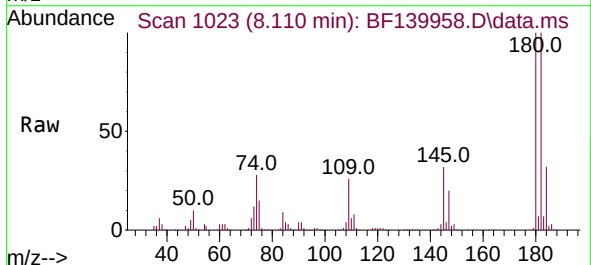
RT: 8.110 min Scan# 1023

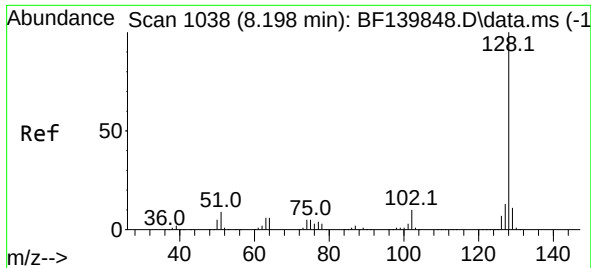
Delta R.T. -0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion:180	Resp:	435374
Ion Ratio	Lower	Upper
180	100	
182	99.9	80.5 120.7
145	32.0	25.4 38.0





#31
Naphthalene
Concen: 47.545 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

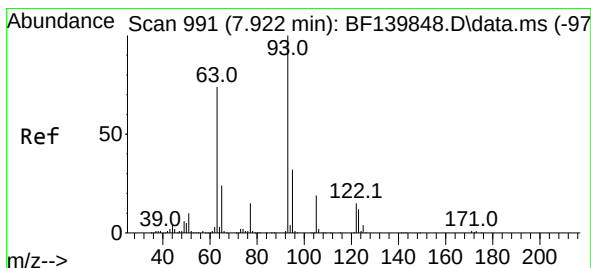
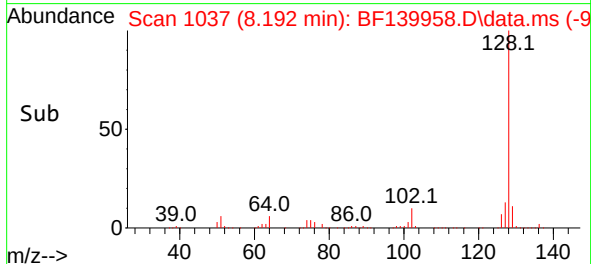
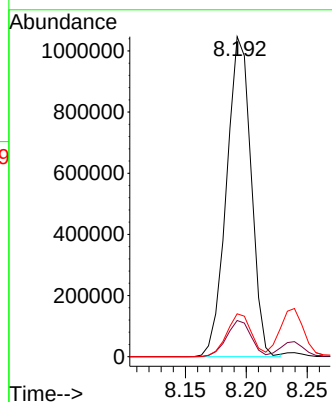
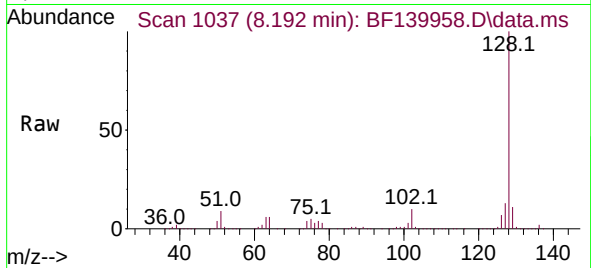
PB164216BS

Tgt Ion:128 Resp: 146621
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 16.0

Manual Integrations

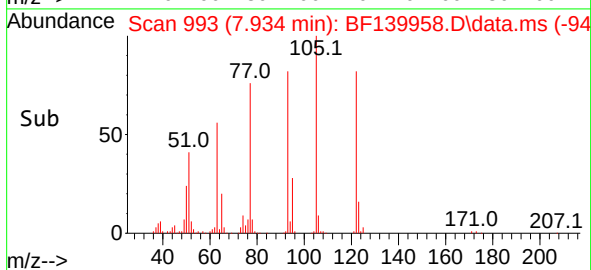
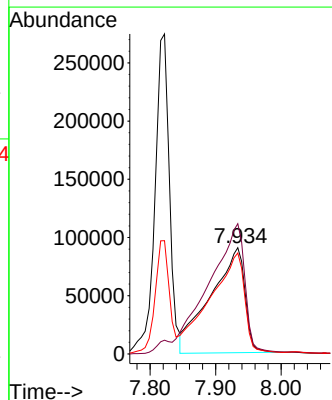
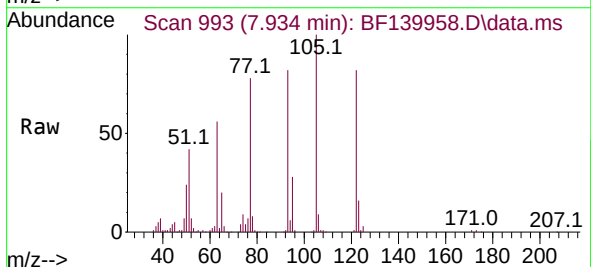
APPROVED

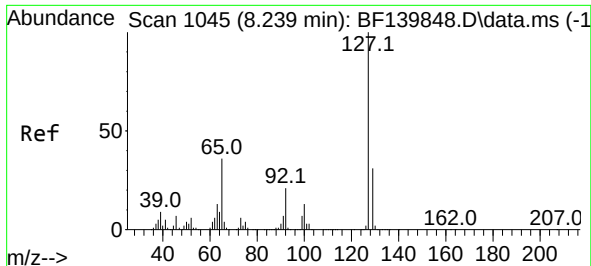
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#32
Benzoic acid
Concen: 50.766 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:122 Resp: 329465
Ion Ratio Lower Upper
122 100
105 122.5 107.6 147.6
77 95.1 80.2 120.2





#33
4-Chloroaniline
Concen: 21.065 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

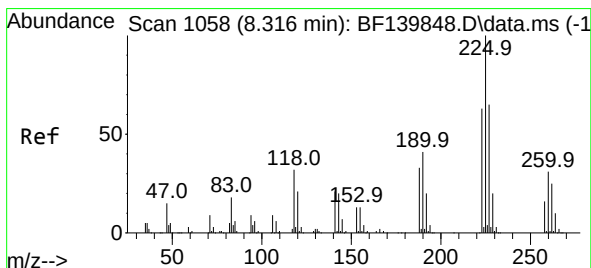
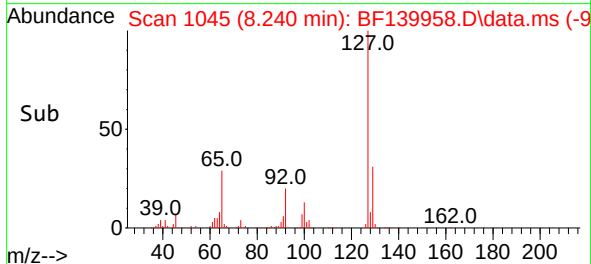
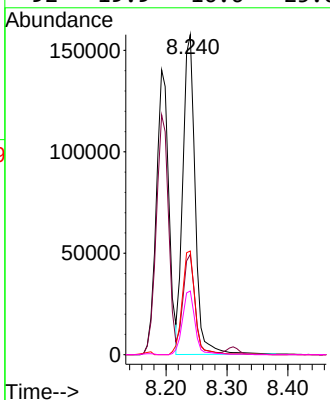
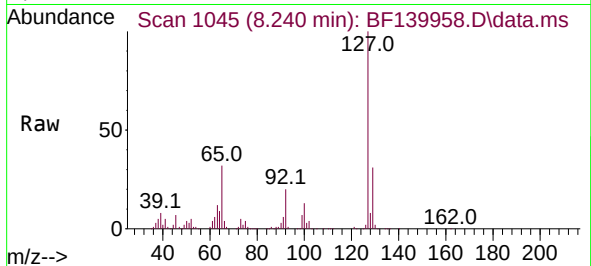
PB164216BS

Tgt Ion:127 Resp: 221509
Ion Ratio Lower Upper
127 100
129 31.3 25.4 38.2
65 32.4 28.4 42.6
92 19.9 16.6 25.0

Manual Integrations

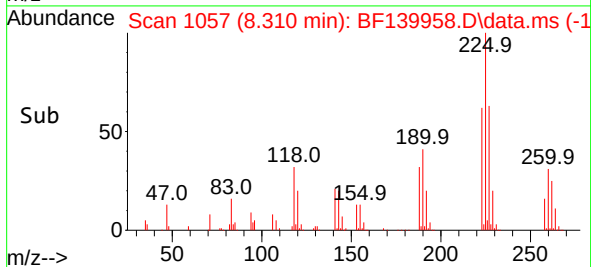
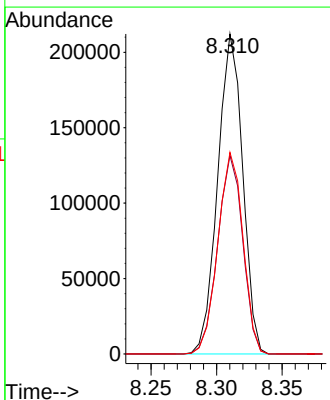
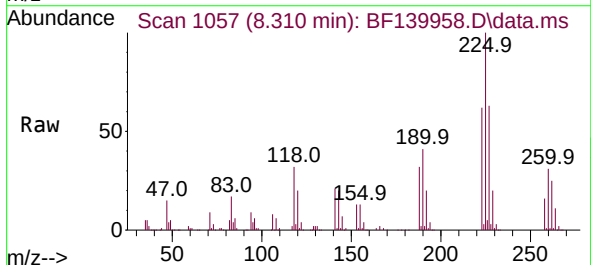
APPROVED

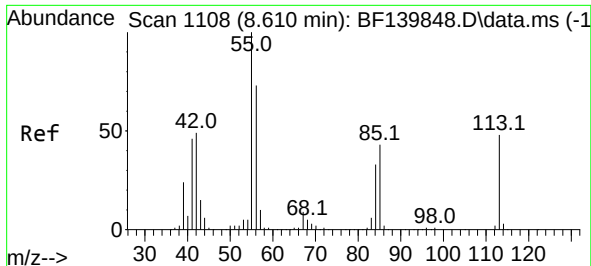
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#34
Hexachlorobutadiene
Concen: 47.750 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

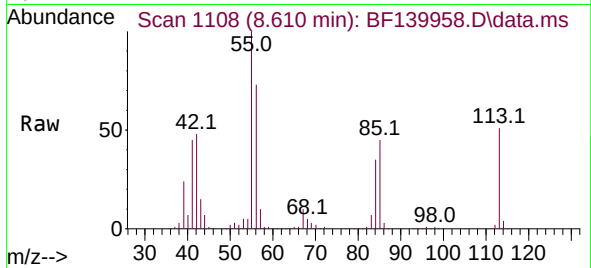
Tgt Ion:225 Resp: 281356
Ion Ratio Lower Upper
225 100
223 62.0 50.6 76.0
227 63.0 51.8 77.8





#35
 Caprolactam
 Concen: 53.230 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

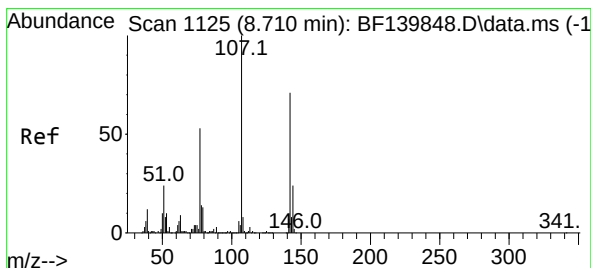
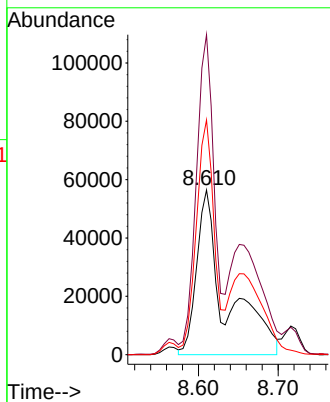
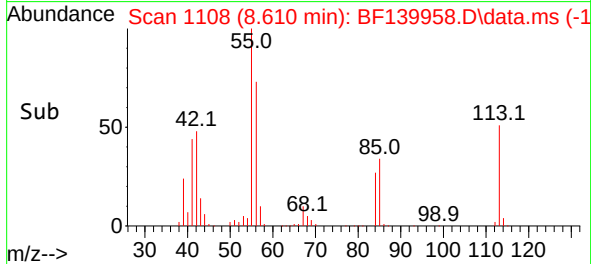
Instrument :
 BNA_F
 ClientSampleId :
 PB164216BS



Tgt Ion:113 Resp: 143448
 Ion Ratio Lower Upper
 113 100
 55 194.3 189.2 229.2
 56 142.6 132.5 172.5

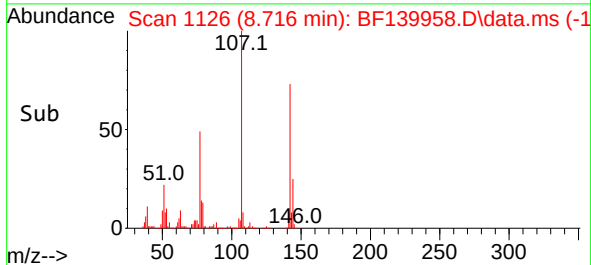
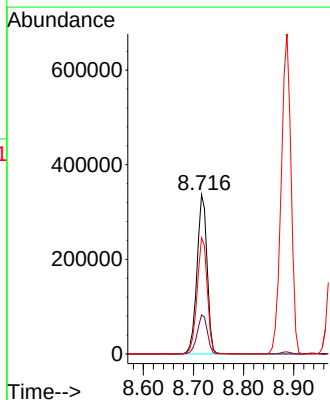
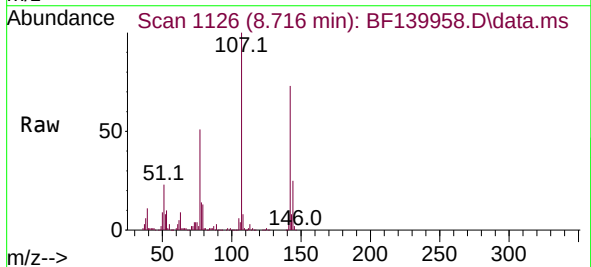
Manual Integrations
 APPROVED

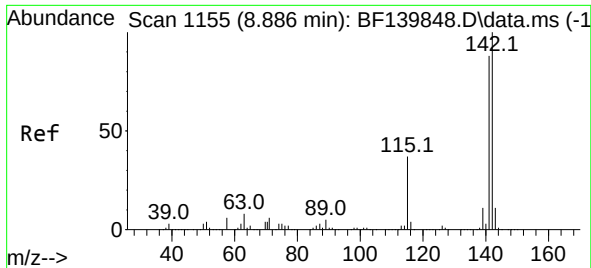
Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024



#36
 4-Chloro-3-methylphenol
 Concen: 50.164 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

Tgt Ion:107 Resp: 470764
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 73.0 57.2 85.8





#37

2-Methylnaphthalene

Concen: 48.847 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

Tgt Ion:142 Resp: 92256

Ion Ratio Lower Upper

142 100

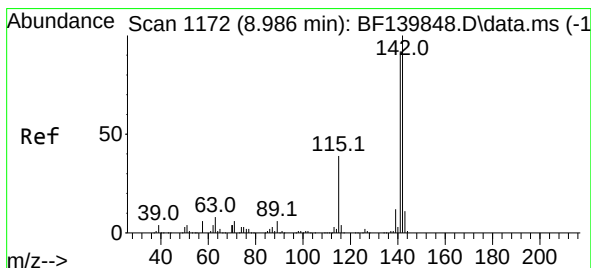
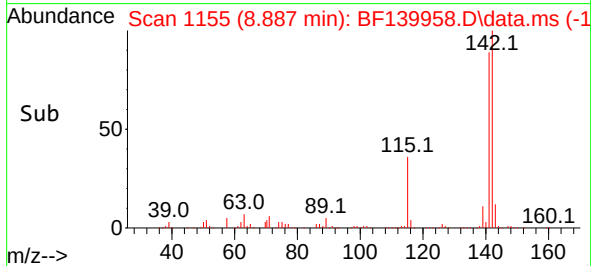
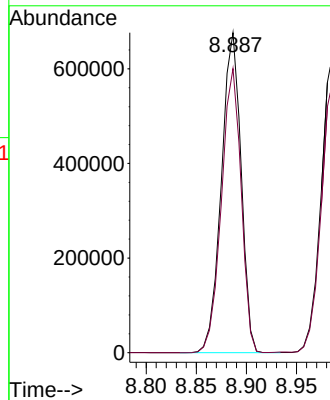
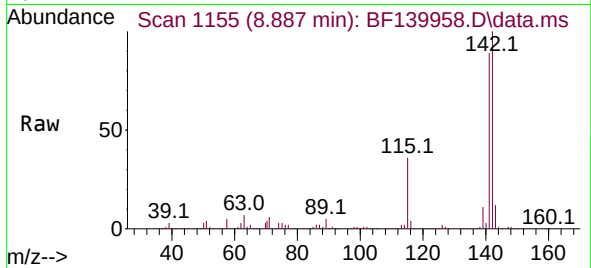
141 88.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#38

1-Methylnaphthalene

Concen: 46.445 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139958.D

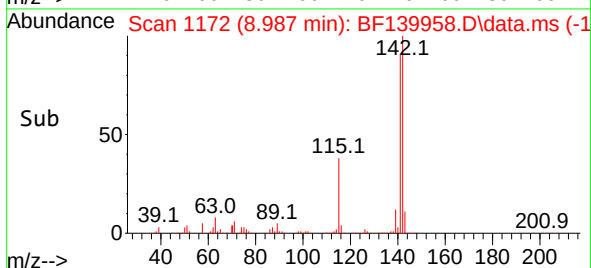
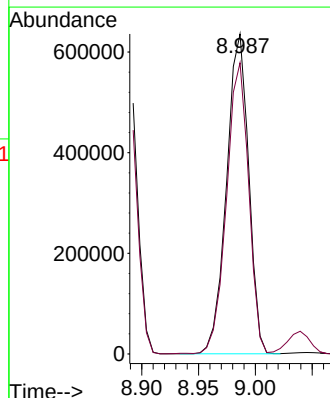
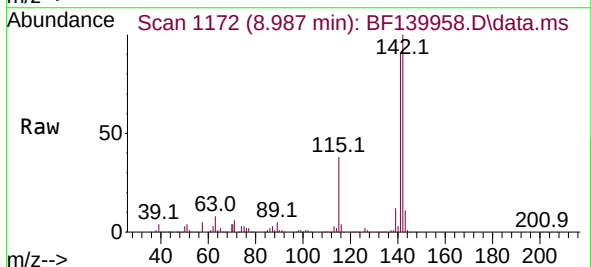
Acq: 23 Oct 2024 12:10

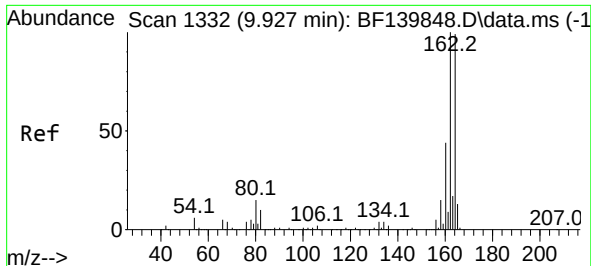
Tgt Ion:142 Resp: 860620

Ion Ratio Lower Upper

142 100

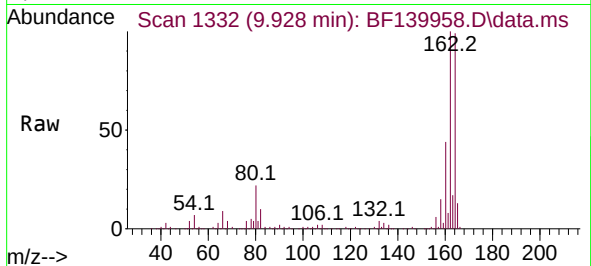
141 91.0 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1132
Delta R.T. 0.001 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

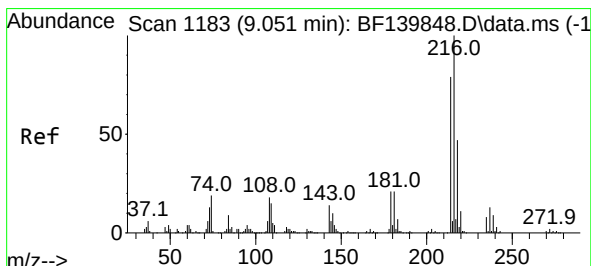
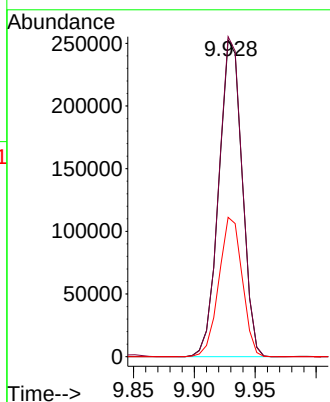
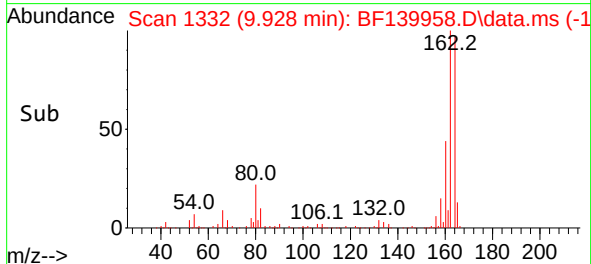
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion:164 Resp: 337040
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.0 35.4 53.0

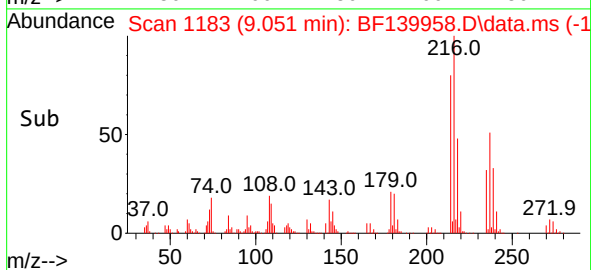
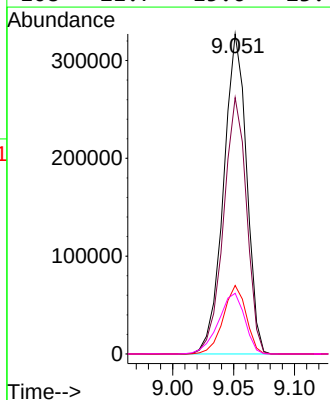
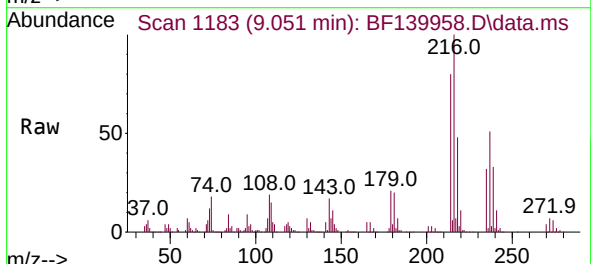
Manual Integrations
APPROVED

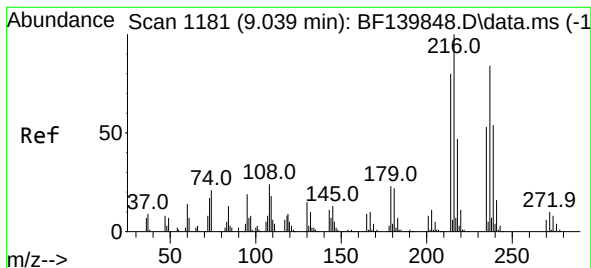
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.365 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:216 Resp: 430680
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 21.2 17.2 25.8
108 21.7 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 181.428 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

Tgt Ion:237 Resp: 57401

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

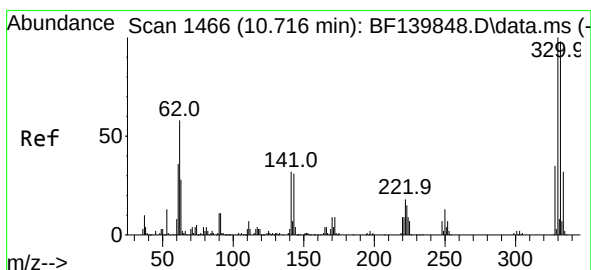
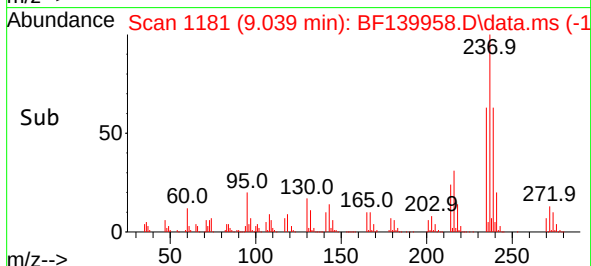
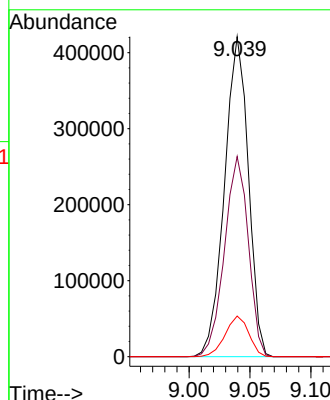
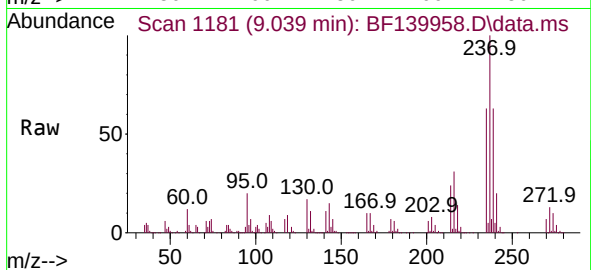
272 12.7 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#42

2,4,6-Tribromophenol

Concen: 159.470 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

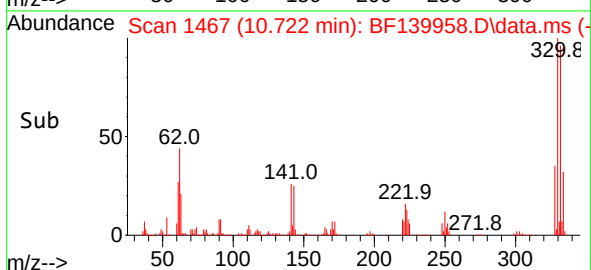
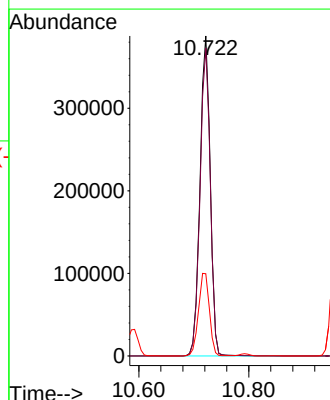
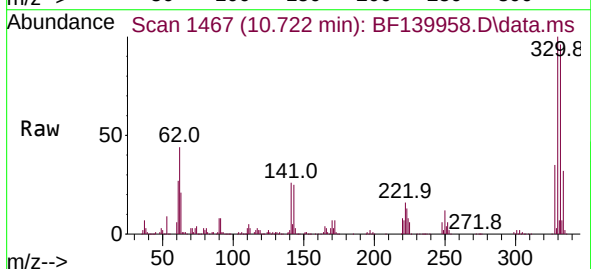
Tgt Ion:330 Resp: 502741

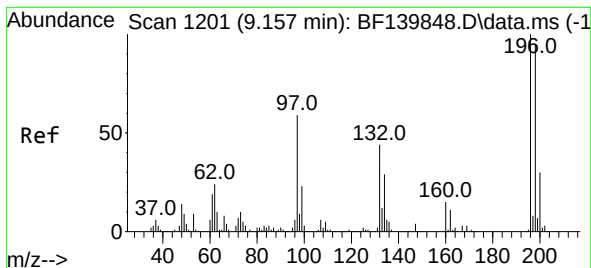
Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

141 27.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 52.370 ng

RT: 9.163 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF139958.D

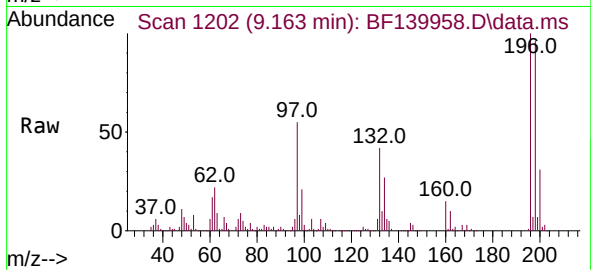
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS



Tgt Ion:196 Resp: 337138

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

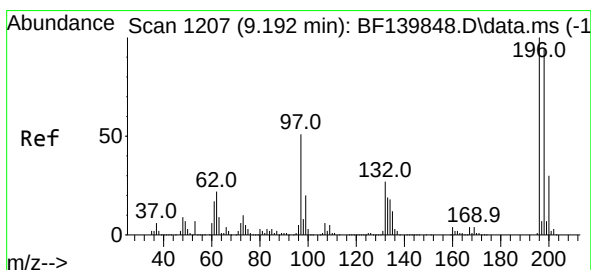
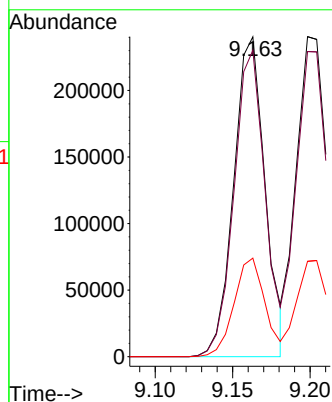
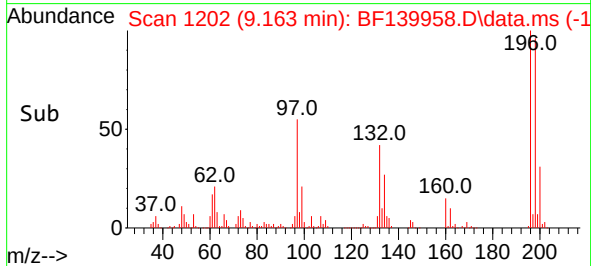
200 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#44

2,4,5-Trichlorophenol

Concen: 50.356 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion:196 Resp: 334456

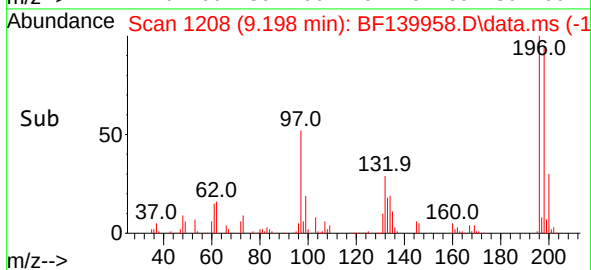
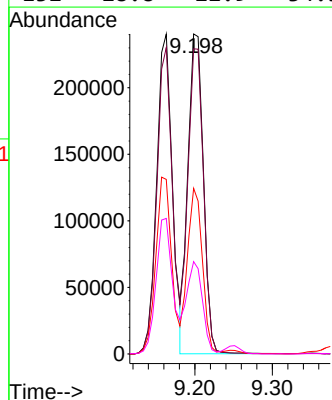
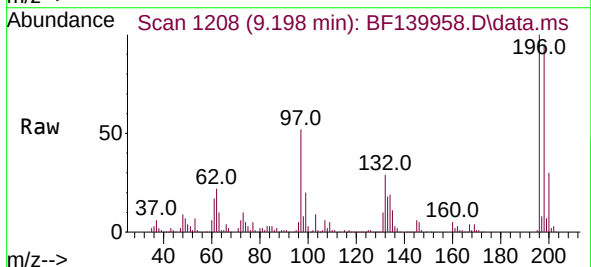
Ion Ratio Lower Upper

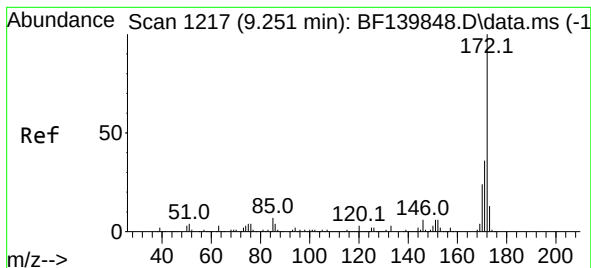
196 100

198 95.4 75.8 113.6

97 51.8 41.8 62.6

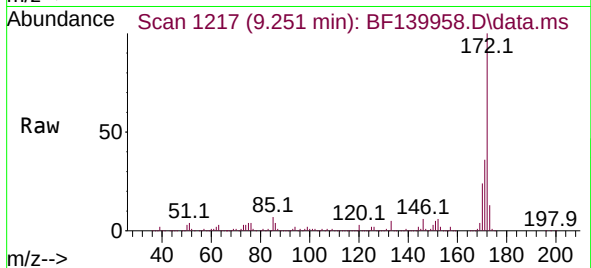
132 28.8 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 93.201 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

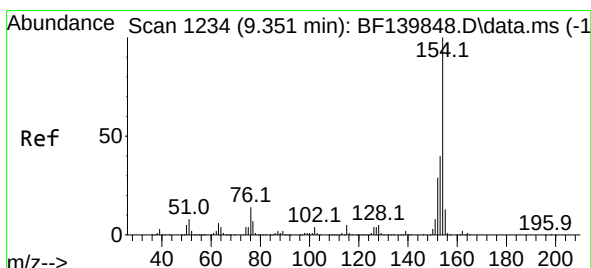
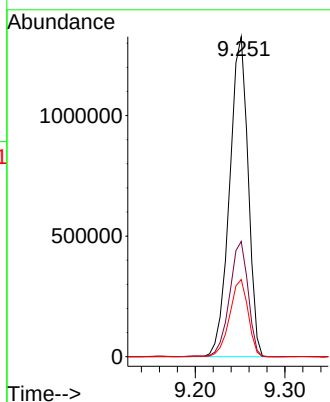
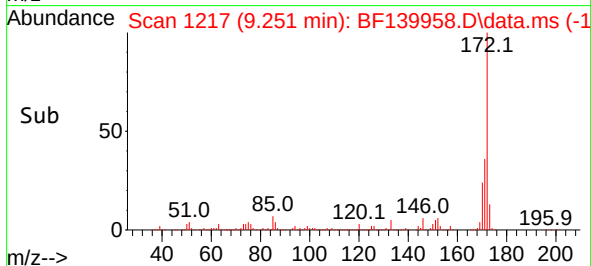
Instrument :
BNA_F
ClientSampleId :
PB164216BS



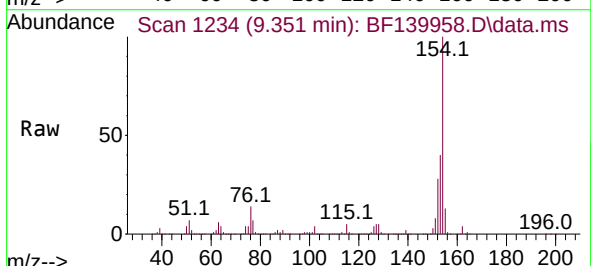
Tgt Ion:172 Resp: 1900684
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.1 28.7

Manual Integrations
APPROVED

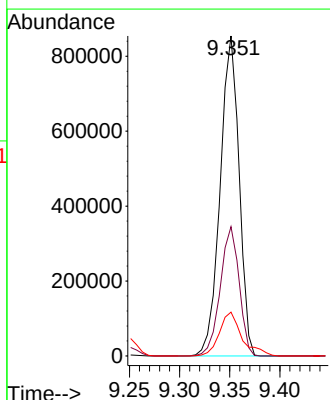
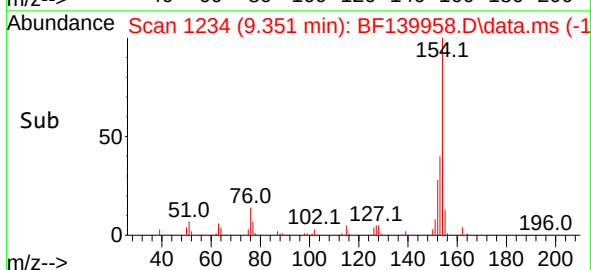
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

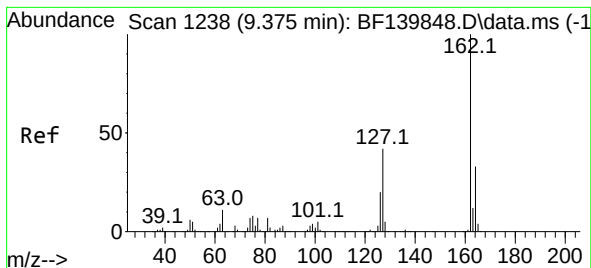


#46
1,1'-Biphenyl
Concen: 47.622 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion:154 Resp: 1117358
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.7 0.0 33.9





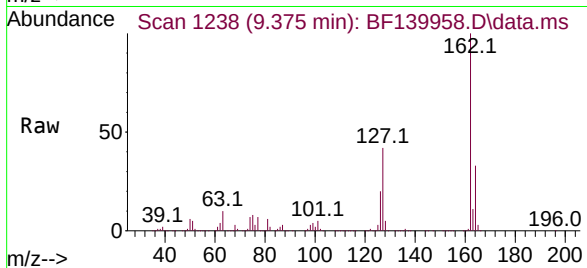
#47
2-Chloronaphthalene
Concen: 47.363 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS



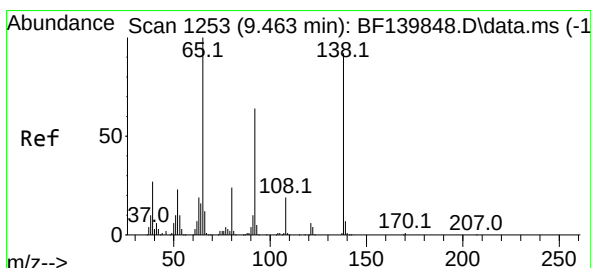
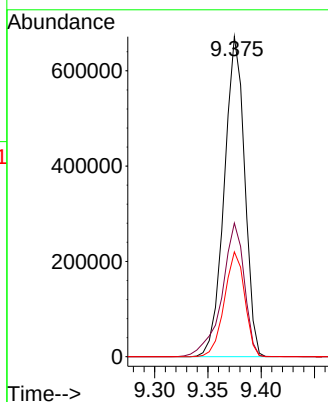
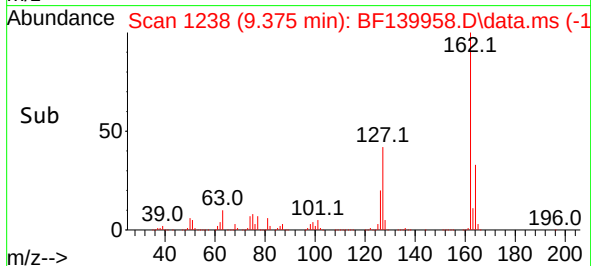
Tgt Ion:162 Resp: 895035
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.8 26.6 39.8

Manual Integrations

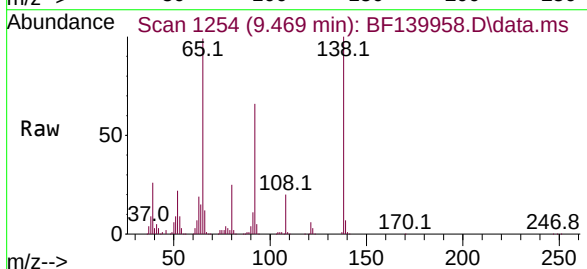
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

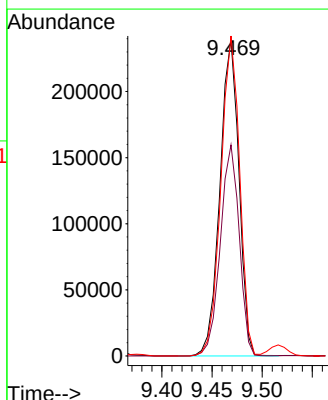
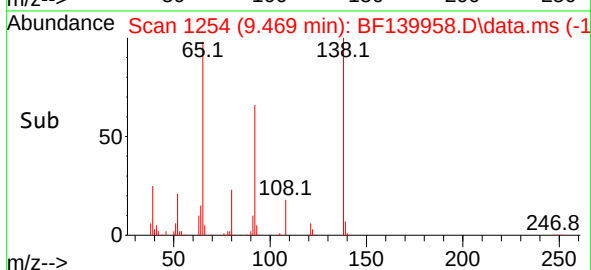
Supervised By :mohammad ahmed 10/25/2024

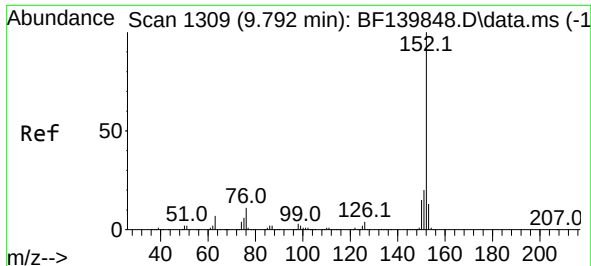


#48
2-Nitroaniline
Concen: 54.409 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion: 65 Resp: 314462
Ion Ratio Lower Upper
65 100
92 66.7 50.9 76.3
138 101.1 73.4 110.0





#49

Acenaphthylene

Concen: 51.394 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF139958.D

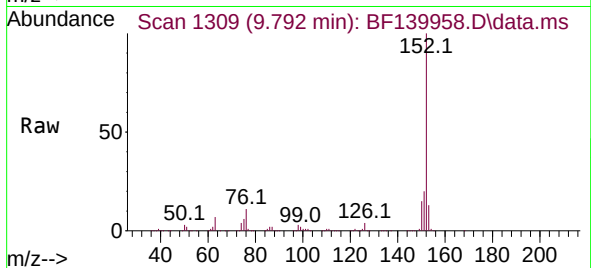
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS



Tgt Ion:152 Resp: 140409

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

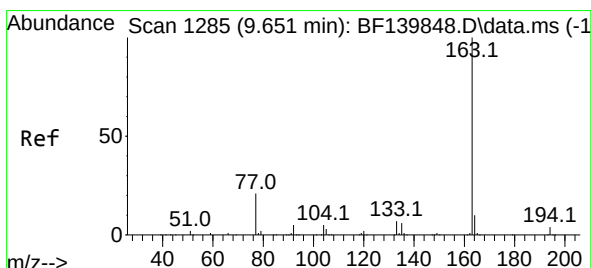
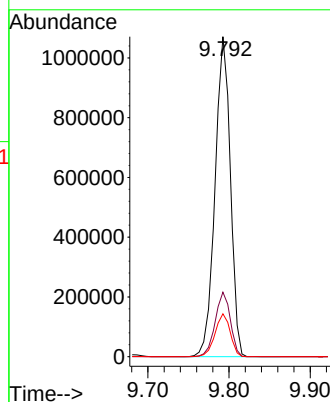
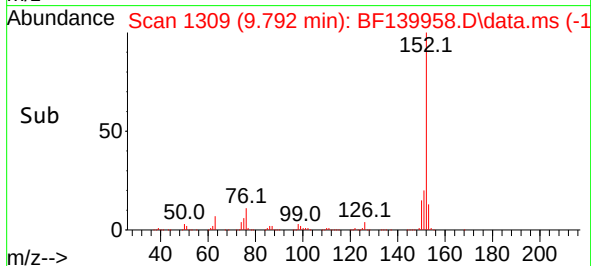
153 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#50

Dimethylphthalate

Concen: 50.592 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

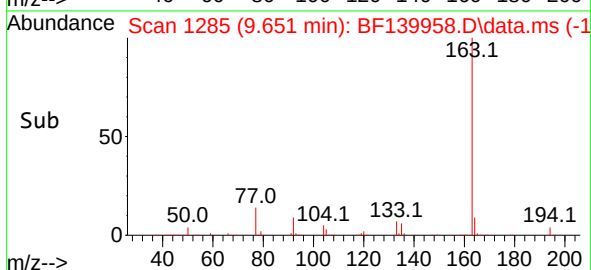
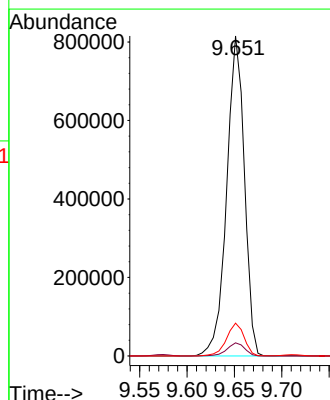
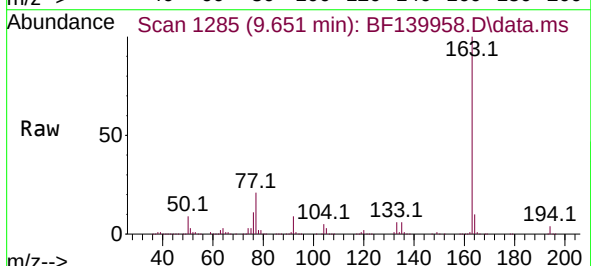
Tgt Ion:163 Resp: 1062096

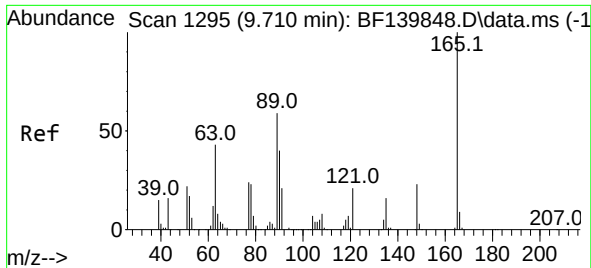
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

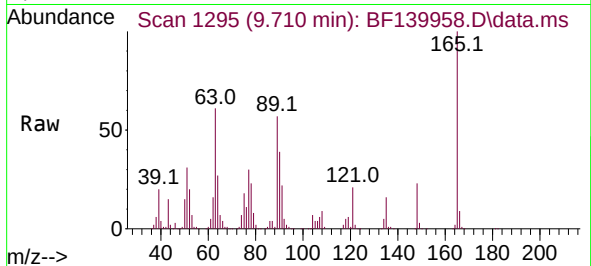
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.064 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

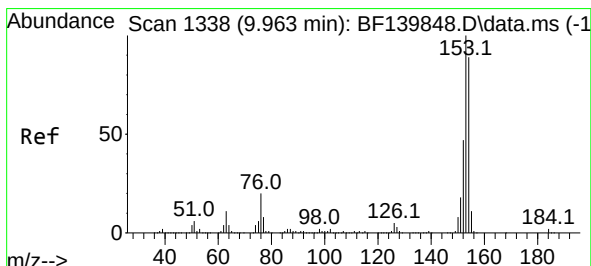
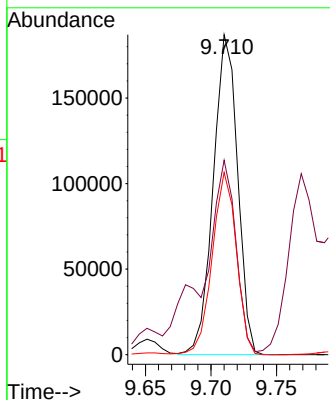
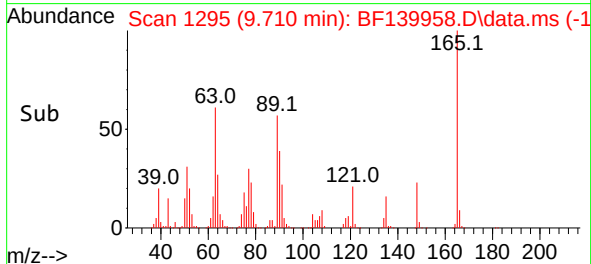
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion:165 Resp: 241204
Ion Ratio Lower Upper
165 100
63 60.7 50.6 75.8
89 56.9 47.5 71.3

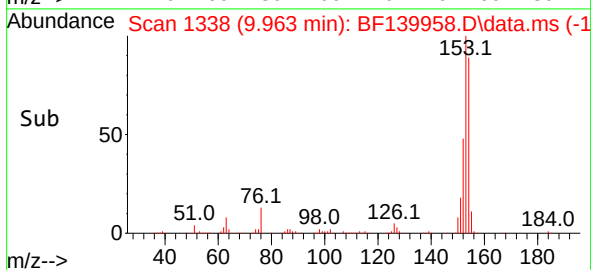
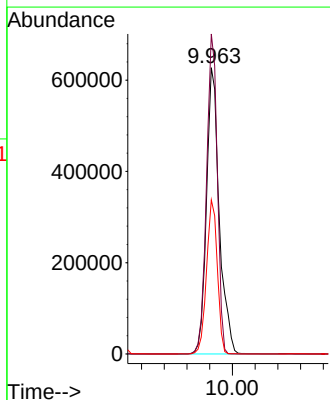
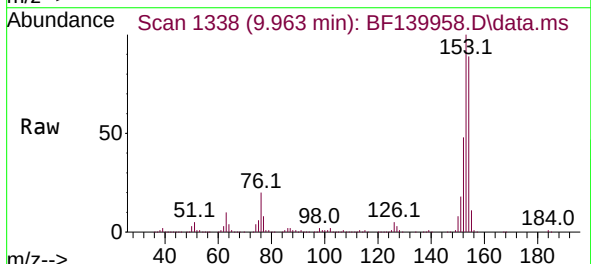
Manual Integrations
APPROVED

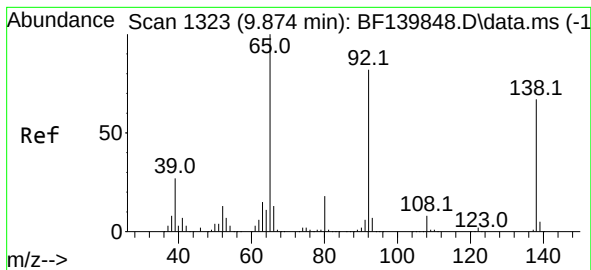
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#52
Acenaphthene
Concen: 55.276 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:154 Resp: 976906
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 53.8 42.4 63.6





#53
3-Nitroaniline
Concen: 31.470 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

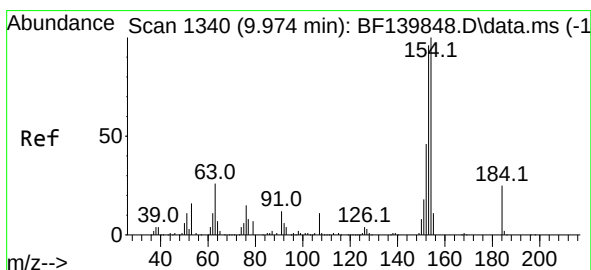
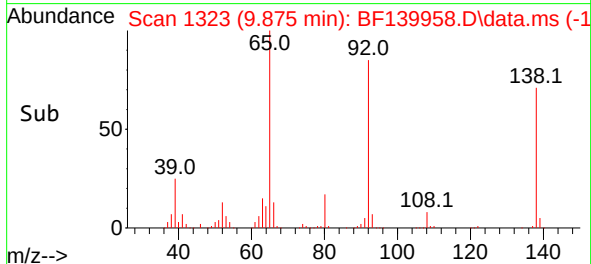
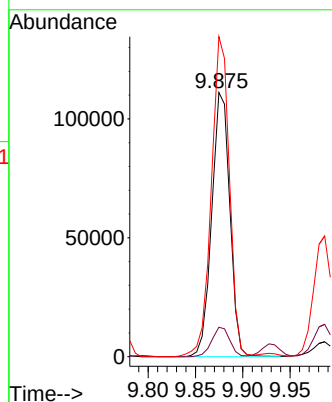
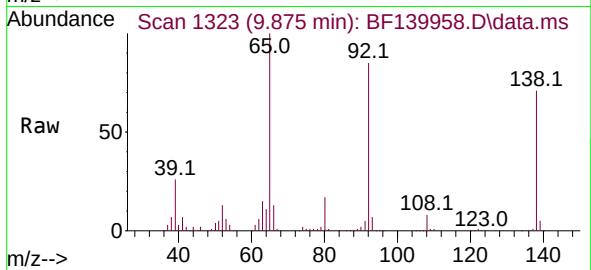
PB164216BS

Tgt Ion:138 Resp: 147510
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 121.1 98.3 147.5

Manual Integrations

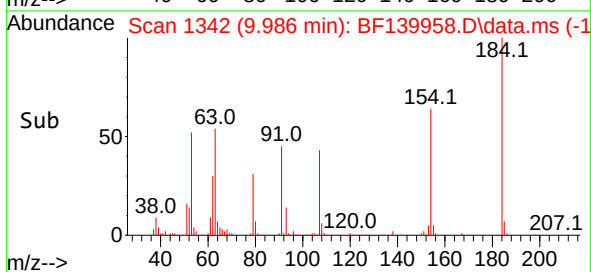
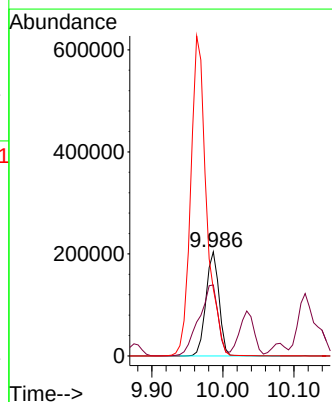
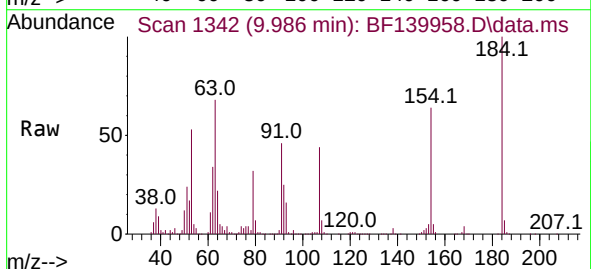
APPROVED

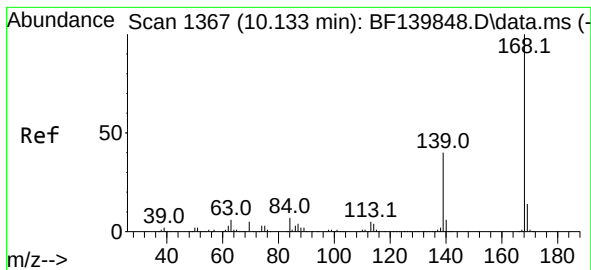
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#54
2,4-Dinitrophenol
Concen: 134.351 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

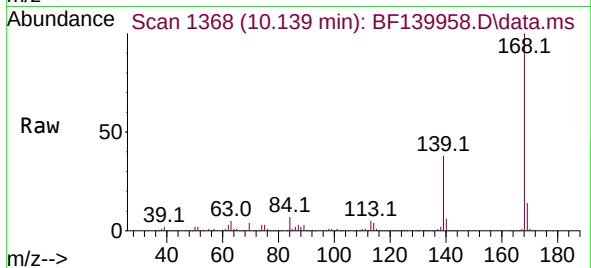
Tgt Ion:184 Resp: 262852
Ion Ratio Lower Upper
184 100
63 68.3 84.7 127.1#
154 64.4 338.2 507.2#





#55
Dibenzenofuran
Concen: 48.886 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

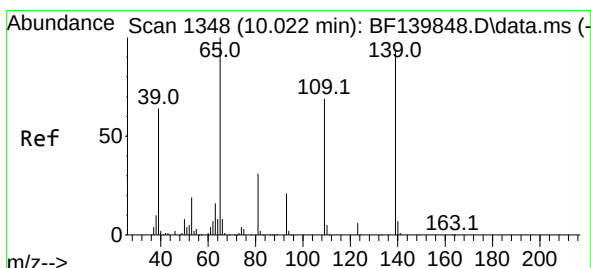
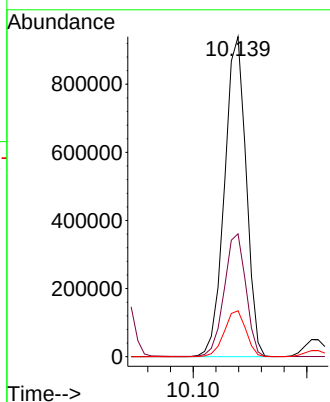
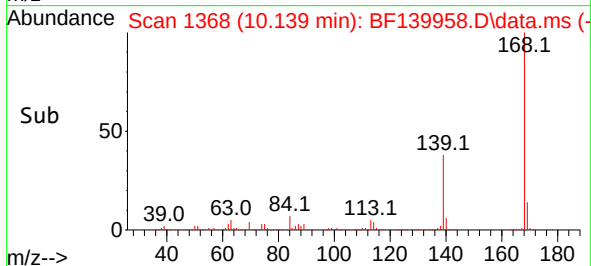
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion:168 Resp: 123958
Ion Ratio Lower Upper
168 100
139 38.4 31.8 47.6
169 14.3 11.6 17.4

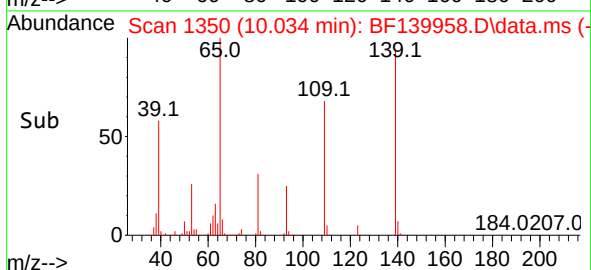
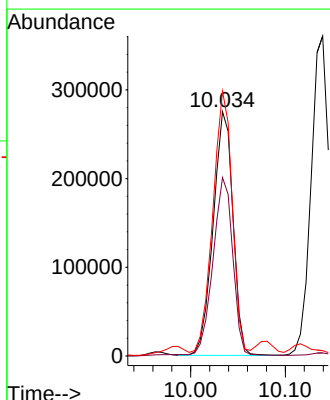
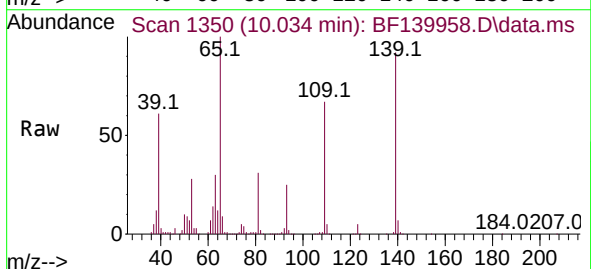
Manual Integrations
APPROVED

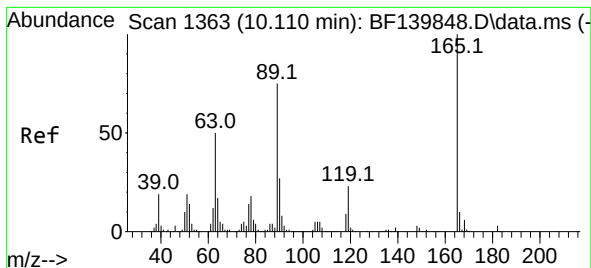
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#56
4-Nitrophenol
Concen: 110.928 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:139 Resp: 400046
Ion Ratio Lower Upper
139 100
109 73.0 53.6 93.6
65 108.3 87.8 127.8





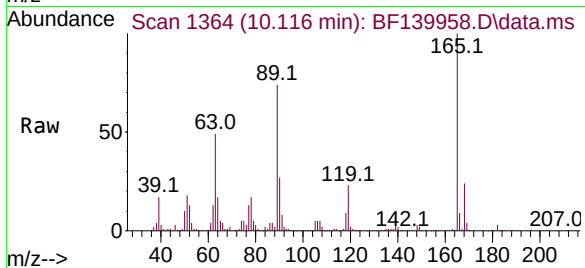
#57
2,4-Dinitrotoluene
Concen: 57.585 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

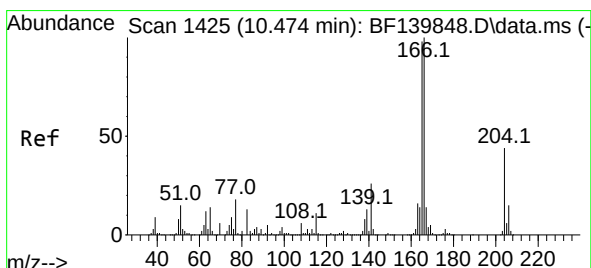
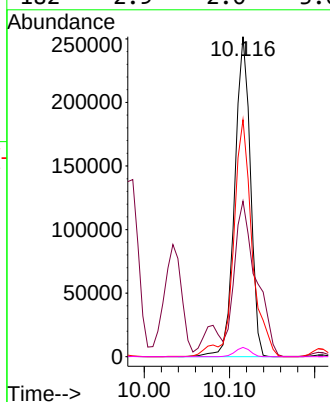
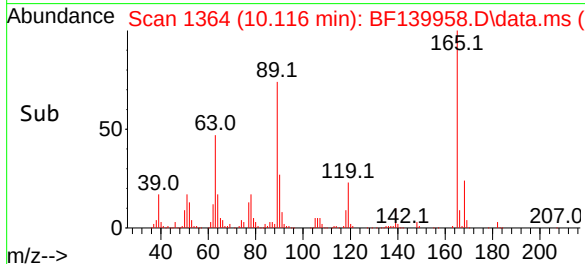


Tgt Ion:165 Resp: 321890
Ion Ratio Lower Upper
165 100
63 48.6 40.1 60.1
89 74.0 60.4 90.6
182 2.9 2.0 3.0

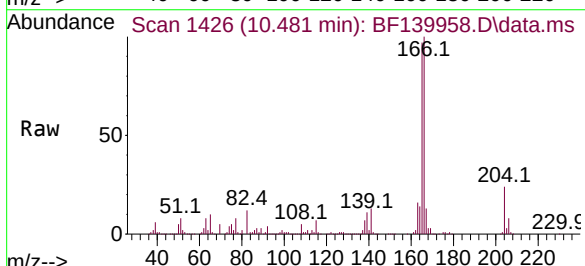
Manual Integrations

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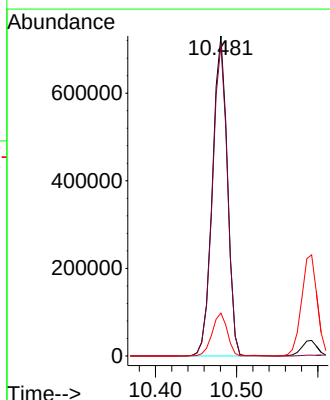
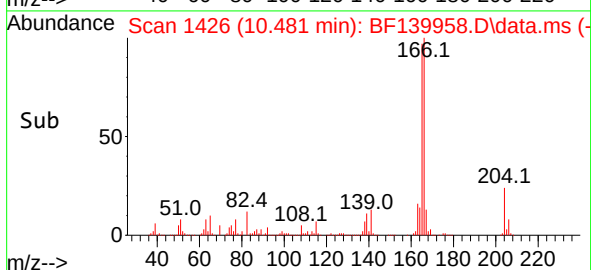
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

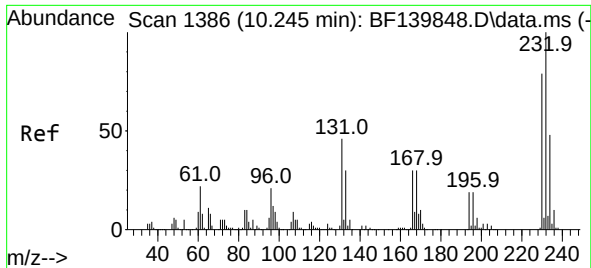


#58
Fluorene
Concen: 48.373 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



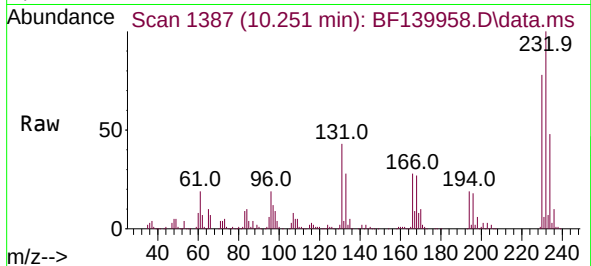
Tgt Ion:166 Resp: 934230
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.127 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

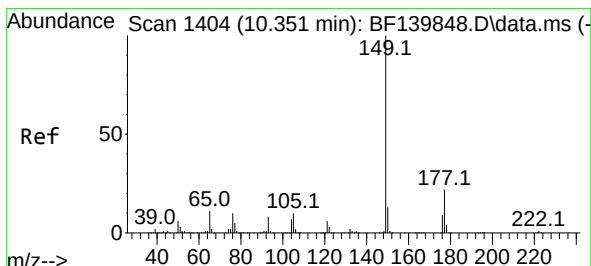
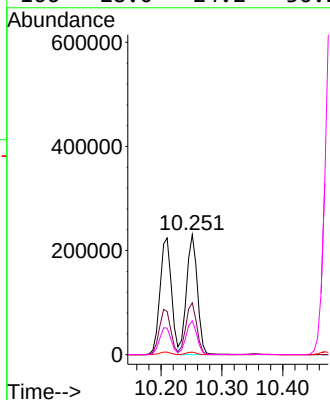
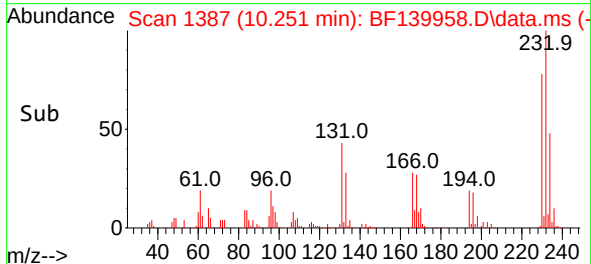
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion:232 Resp: 287031
Ion Ratio Lower Upper
232 100
131 43.5 37.0 55.6
130 2.1 1.9 2.9
166 28.0 24.2 36.2

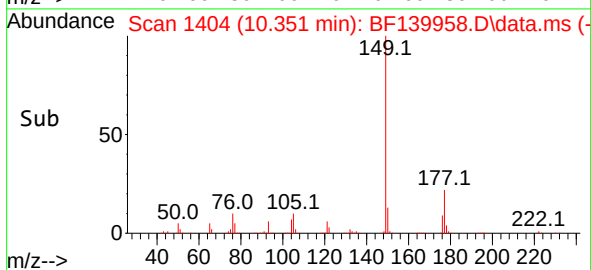
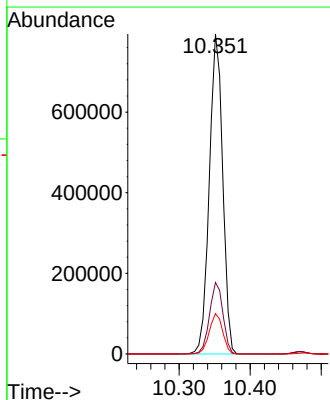
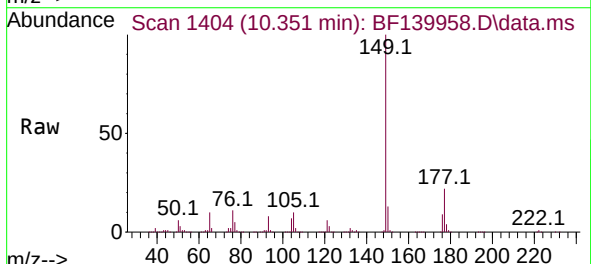
Manual Integrations
APPROVED

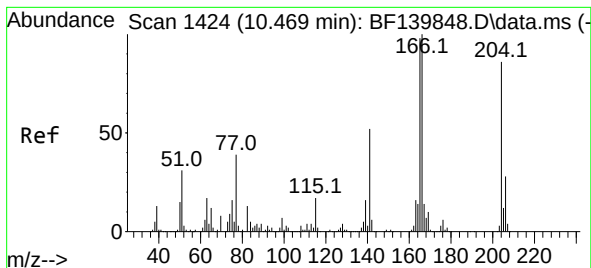
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#60
Diethylphthalate
Concen: 50.423 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

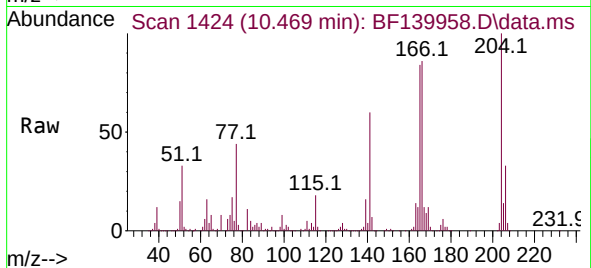
Tgt Ion:149 Resp: 1039354
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.748 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

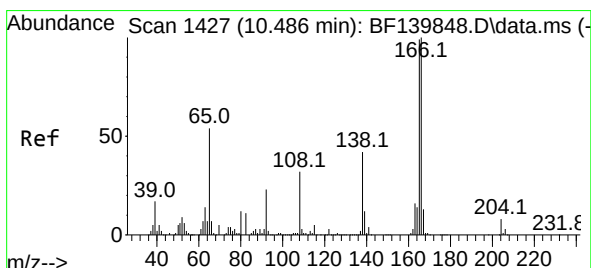
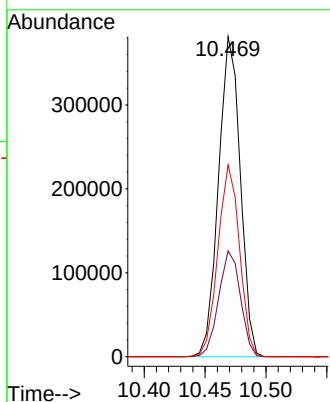
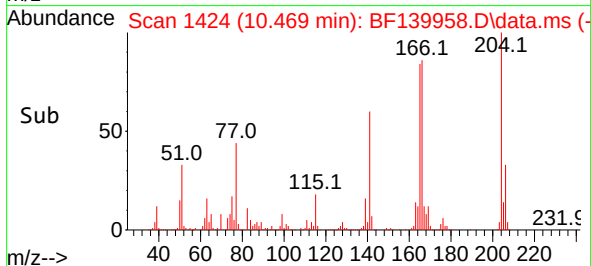
Instrument :
BNA_F
ClientSampleId :
PB164216BS



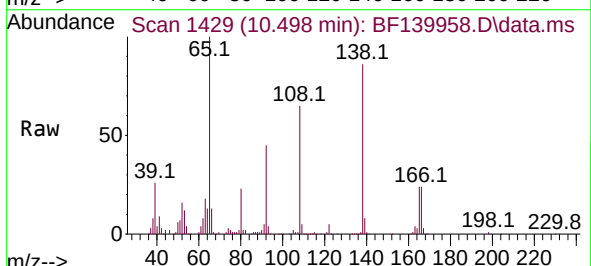
Tgt Ion:204 Resp: 475448
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 59.9 48.6 73.0

Manual Integrations
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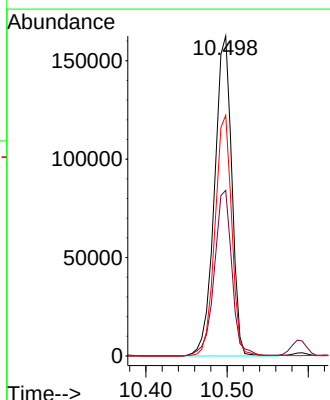
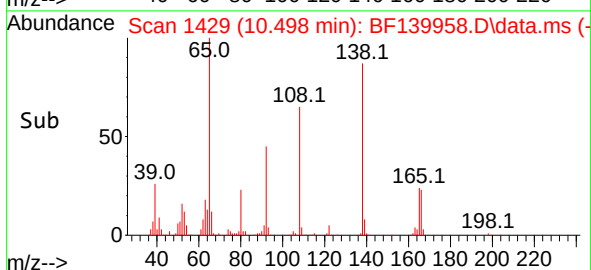
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

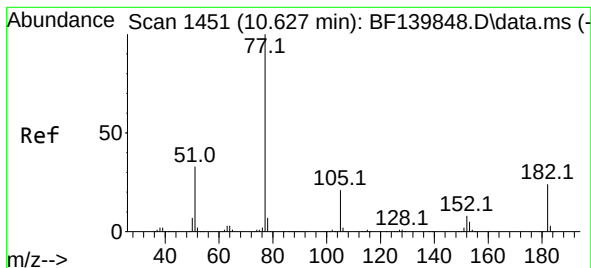


#62
4-Nitroaniline
Concen: 54.305 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion:138 Resp: 240421
Ion Ratio Lower Upper
138 100
92 51.7 35.7 75.7
108 75.2 57.5 97.5





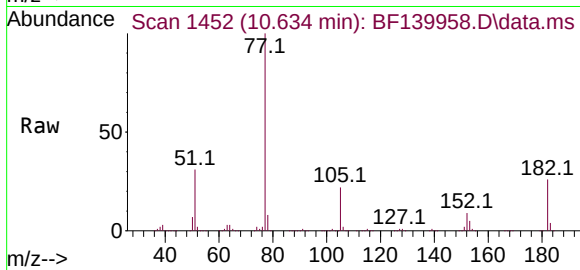
#63
Azobenzene
Concen: 48.116 ng
RT: 10.634 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS



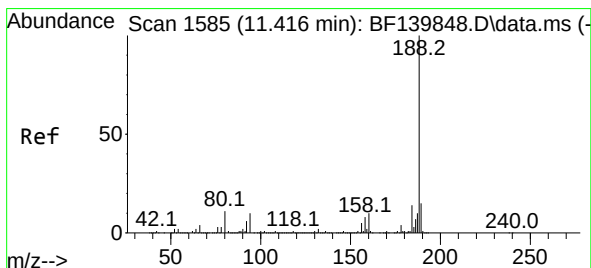
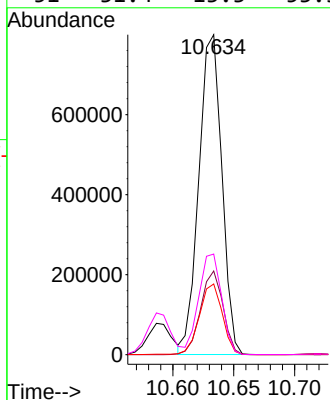
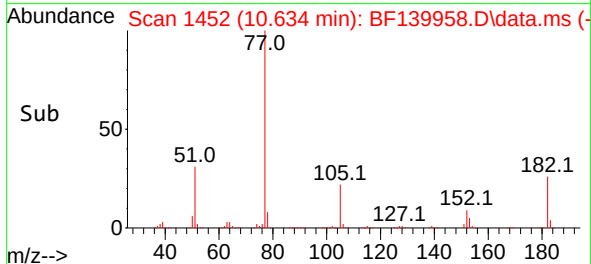
Tgt Ion: 77 Resp: 1051460
Ion Ratio Lower Upper
77 100
182 26.1 3.3 43.3
105 22.1 1.2 41.2
51 31.4 13.3 53.3

Manual Integrations

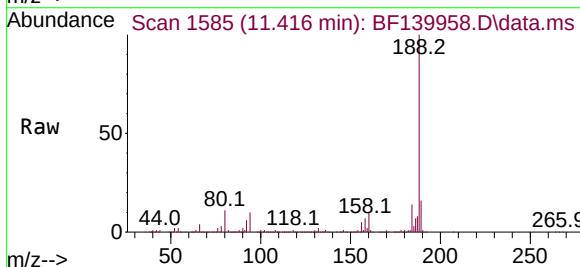
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

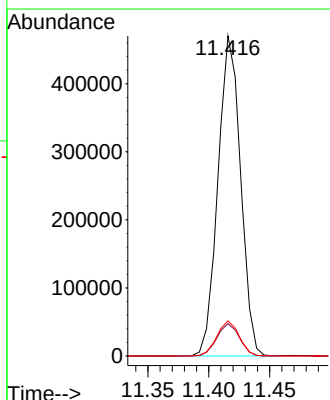
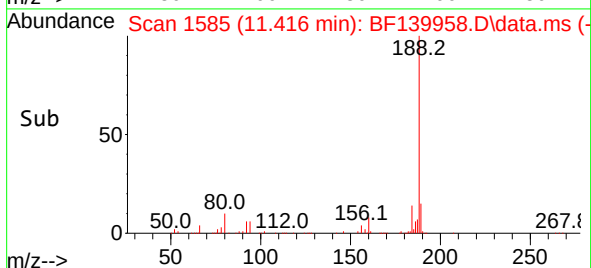
Supervised By :mohammad ahmed 10/25/2024

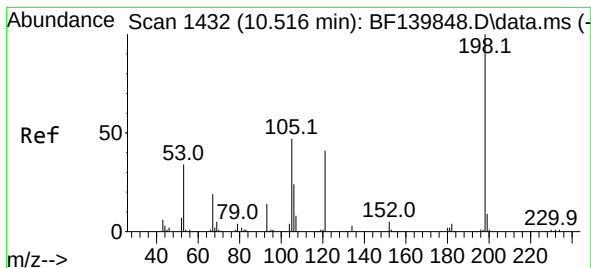


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion:188 Resp: 608398
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.0 9.0 13.4





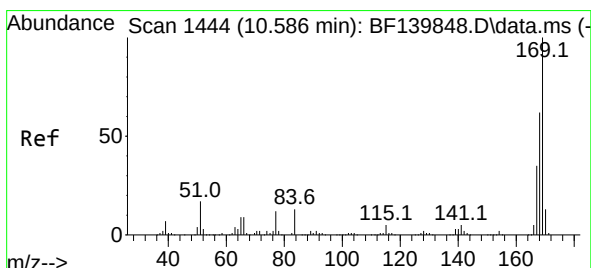
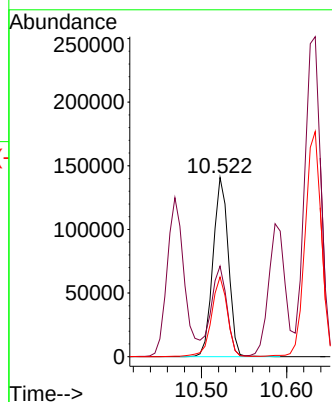
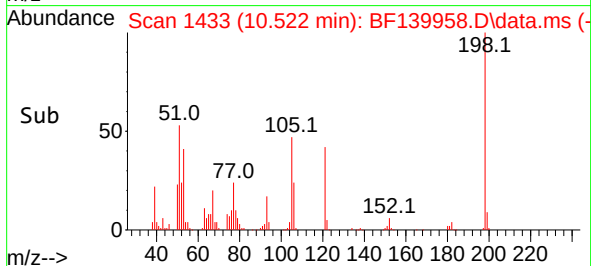
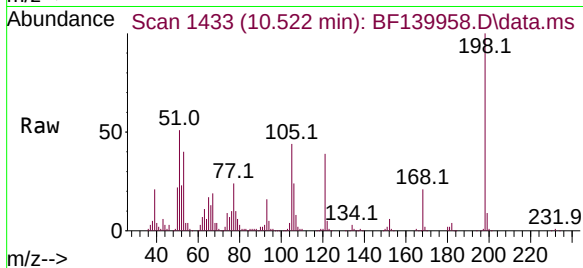
#65
4,6-Dinitro-2-methylphenol
Concen: 71.043 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

Tgt Ion:198 Resp: 17630
Ion Ratio Lower Upper
198 100
51 50.5 38.2 78.2
105 44.5 27.9 67.9

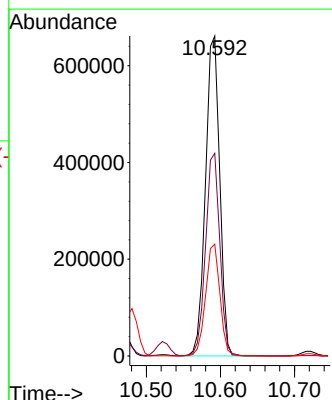
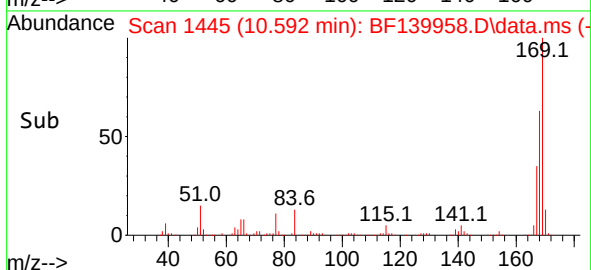
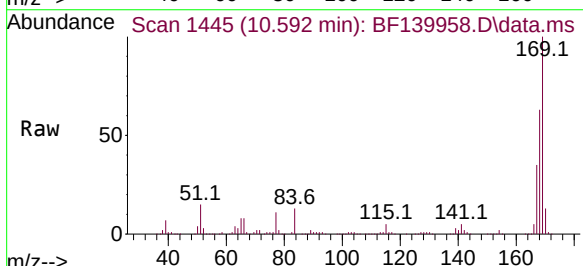
Manual Integrations
APPROVED

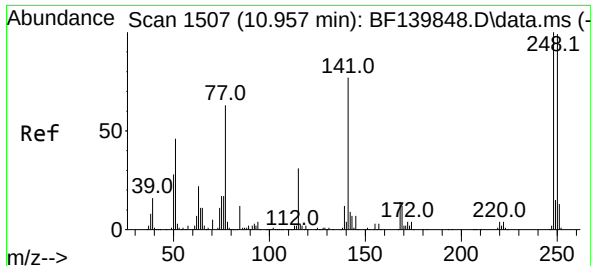
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#66
n-Nitrosodiphenylamine
Concen: 48.450 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:169 Resp: 882234
Ion Ratio Lower Upper
169 100
168 63.4 49.8 74.6
167 34.9 28.0 42.0





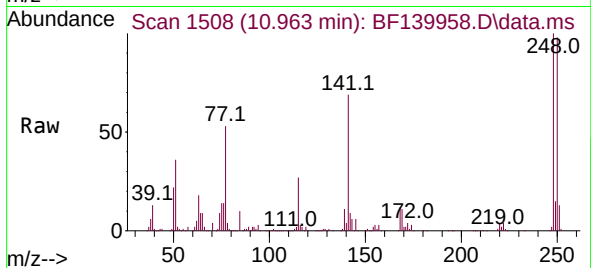
#67
4-Bromophenyl-phenylether
Concen: 50.024 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS



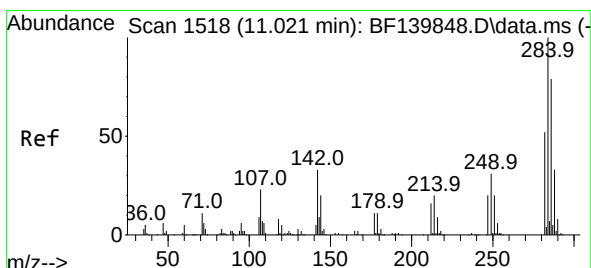
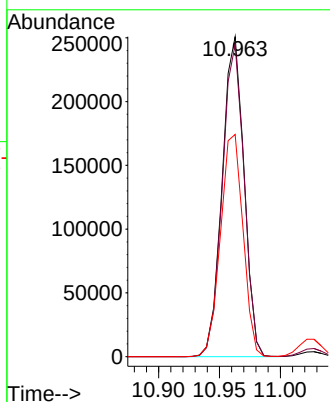
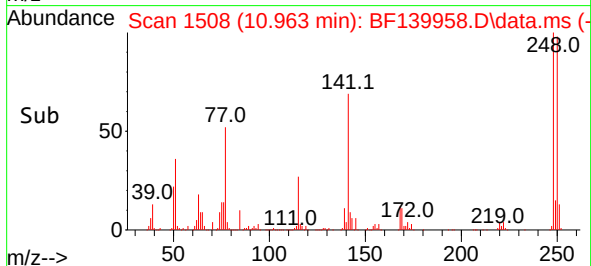
Tgt Ion:248 Resp: 31353
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.6
141 69.5 61.7 92.5

Manual Integrations

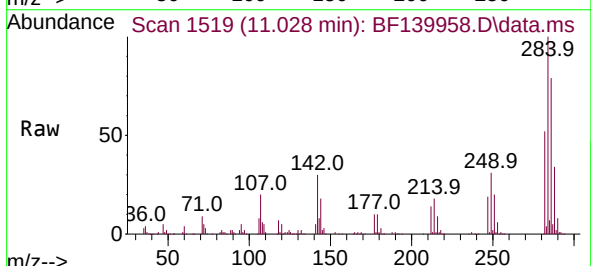
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

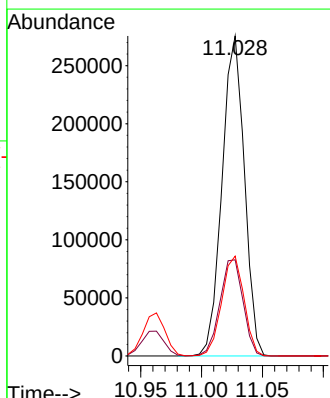
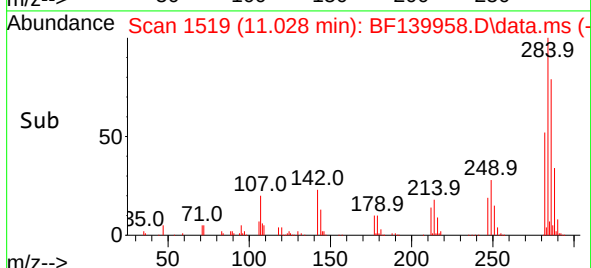
Supervised By :mohammad ahmed 10/25/2024

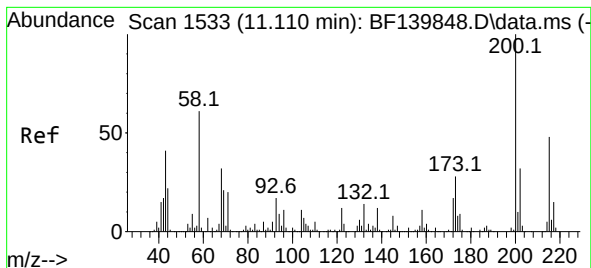


#68
Hexachlorobenzene
Concen: 49.901 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion:284 Resp: 351750
Ion Ratio Lower Upper
284 100
142 30.1 26.9 40.3
249 31.2 25.3 37.9





#69

Atrazine

Concen: 59.244 ng

RT: 11.116 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

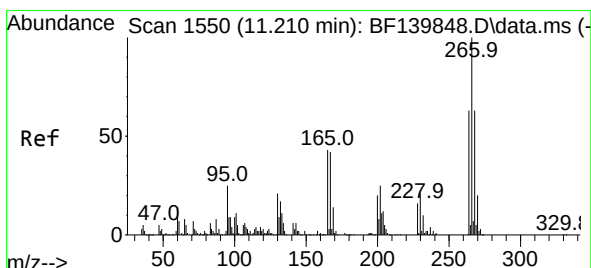
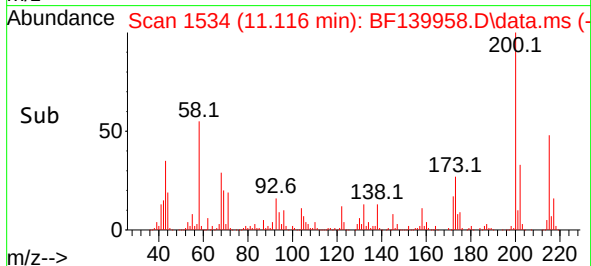
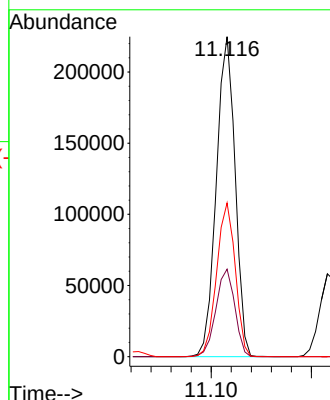
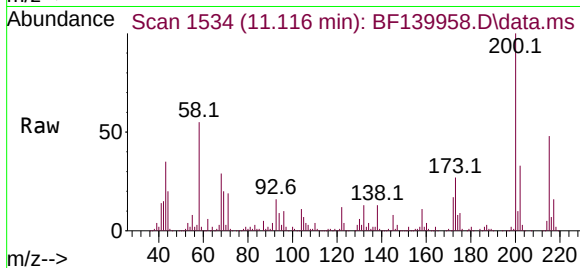
Tgt Ion:200 Resp: 292228
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.7 47.7
 215 48.1 27.7 67.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#70

Pentachlorophenol

Concen: 102.455 ng

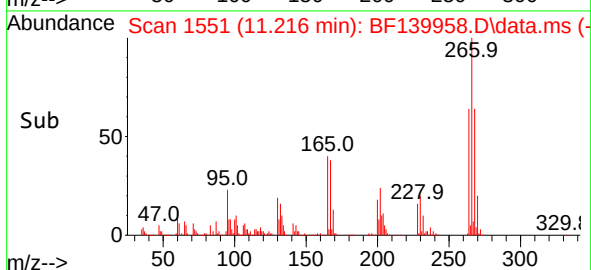
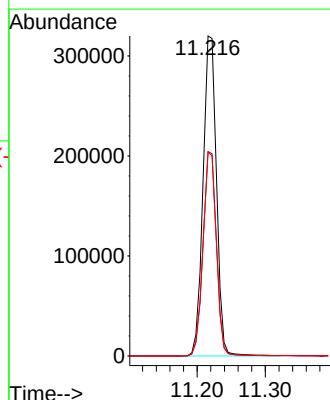
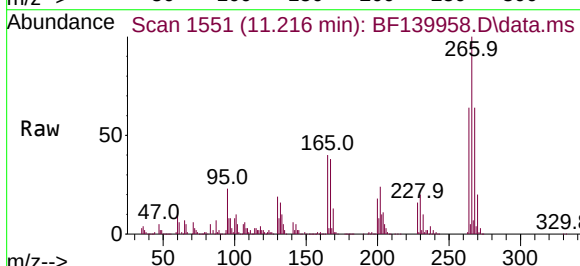
RT: 11.216 min Scan# 1551

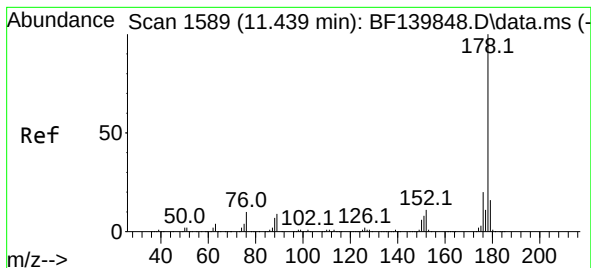
Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion:266 Resp: 438311
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.4 75.6
 264 63.7 50.6 75.8





#71

Phenanthrene

Concen: 48.984 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

Tgt Ion:178 Resp: 140770

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

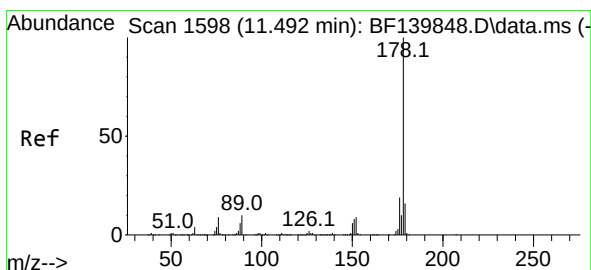
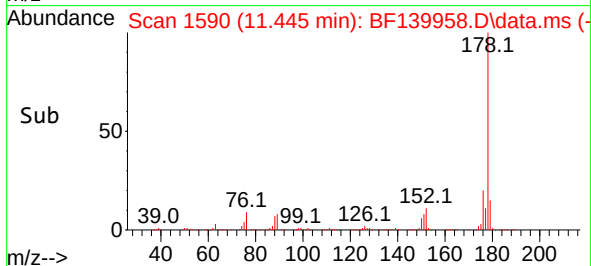
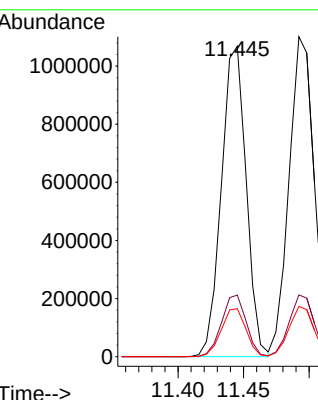
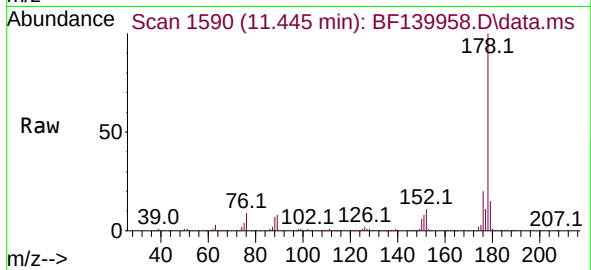
179 15.5 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#72

Anthracene

Concen: 51.684 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

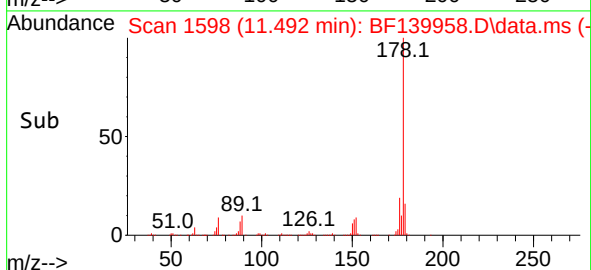
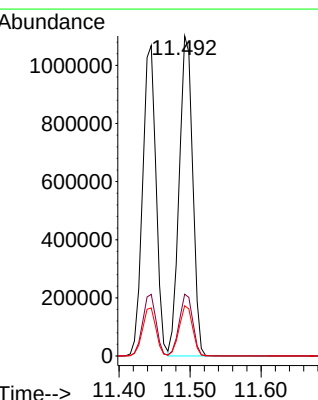
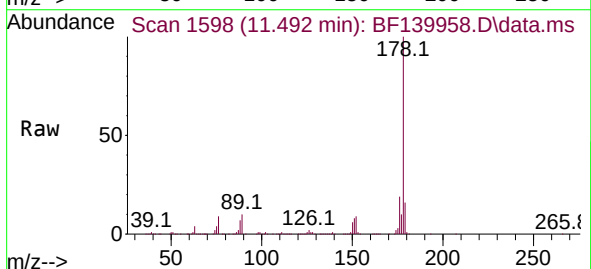
Tgt Ion:178 Resp: 1449181

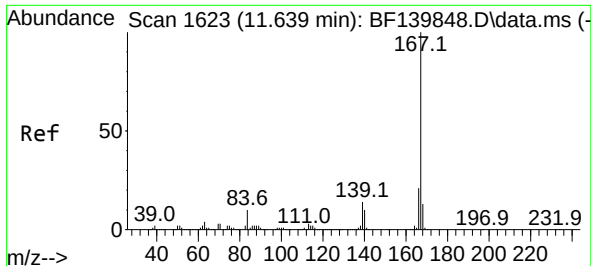
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

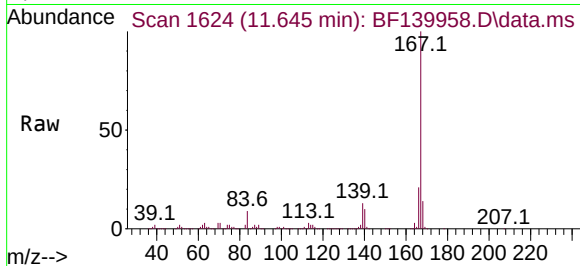
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 47.875 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

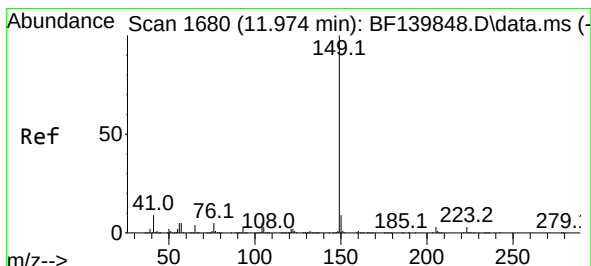
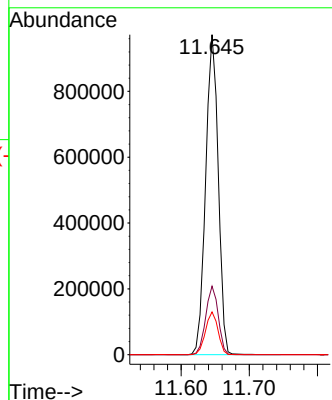
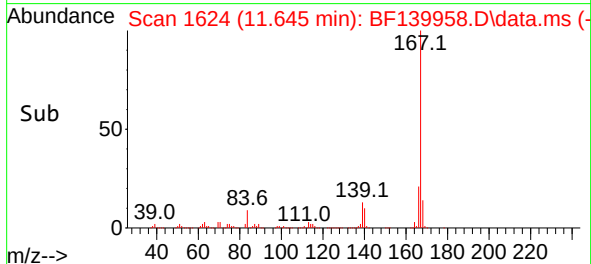
Instrument :
 BNA_F
 ClientSampleId :
 PB164216BS



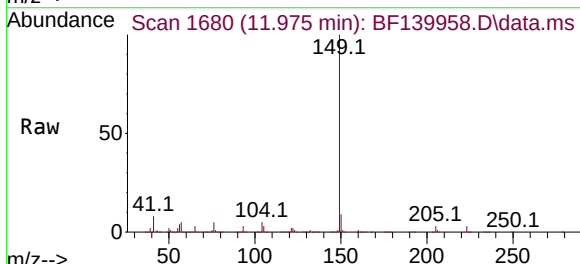
Tgt Ion:167 Resp: 1248438
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.4 10.8 16.2

Manual Integrations
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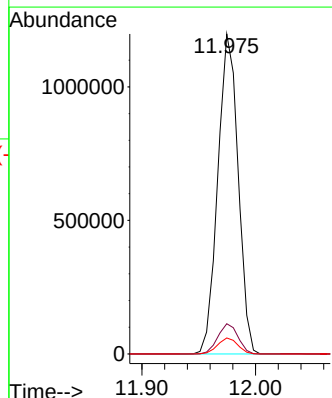
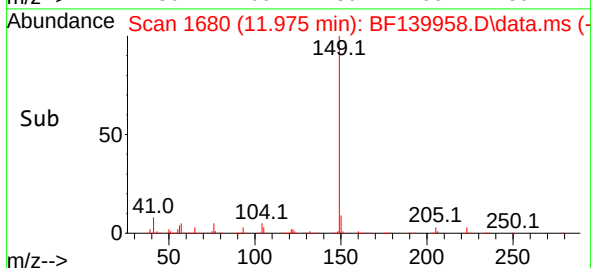
Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

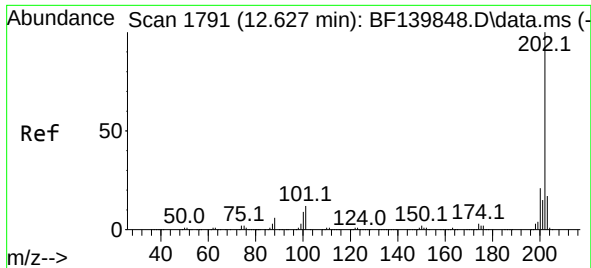


#74
 Di-n-butylphthalate
 Concen: 49.535 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10



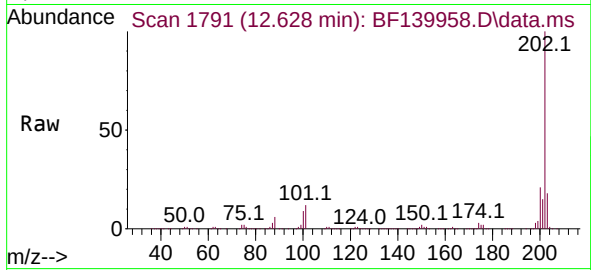
Tgt Ion:149 Resp: 1492403
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 47.372 ng
RT: 12.628 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

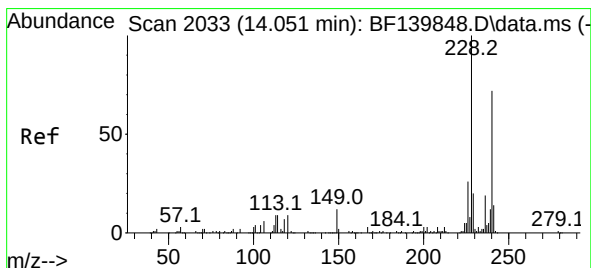
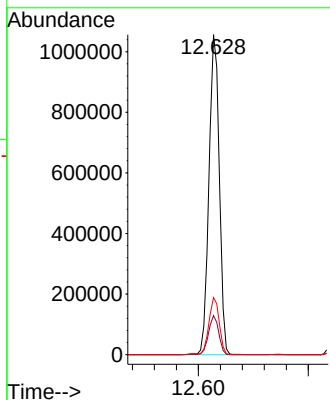
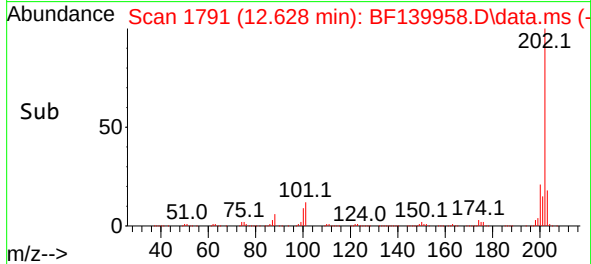
Instrument :
BNA_F
ClientSampleId :
PB164216BS



Tgt Ion:202 Resp: 137624
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.9
203 17.8 0.0 37.5

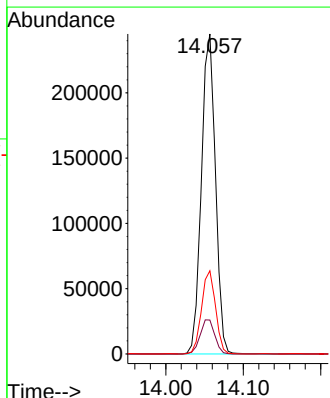
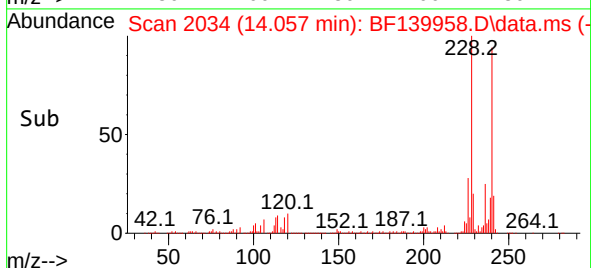
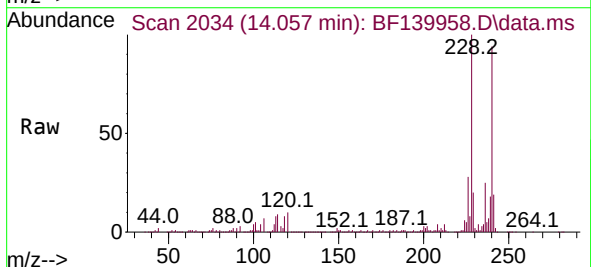
Manual Integrations
APPROVED

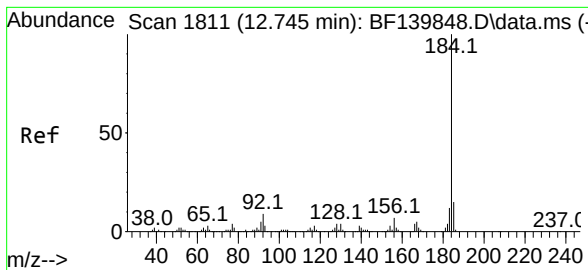
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

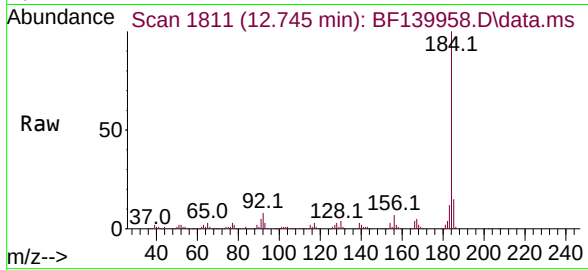
Tgt Ion:240 Resp: 308469
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.0 20.9 31.3





#77
Benzidine
Concen: 64.194 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

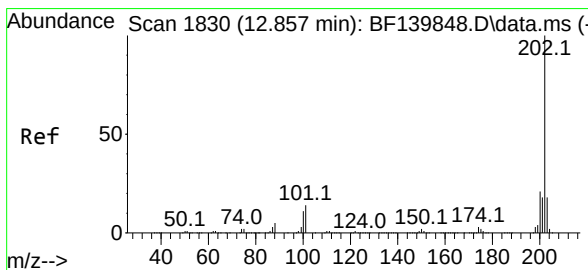
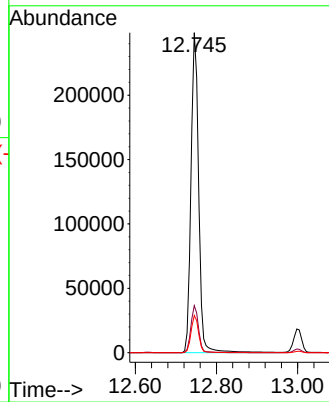
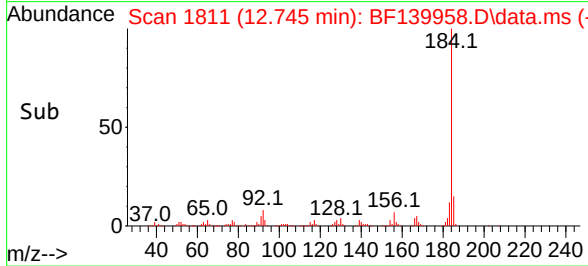
Instrument :
BNA_F
ClientSampleId :
PB164216BS



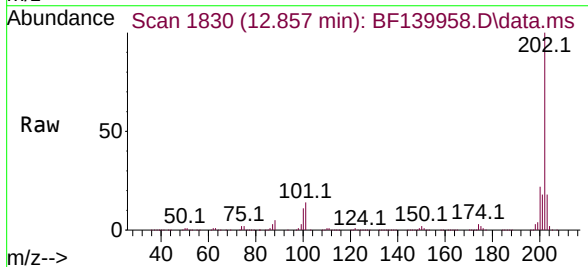
Tgt Ion:184 Resp: 325609
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 11.6 9.4 14.2

Manual Integrations
APPROVED

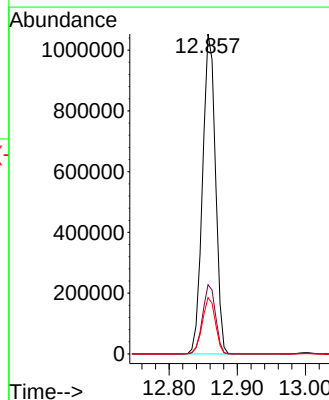
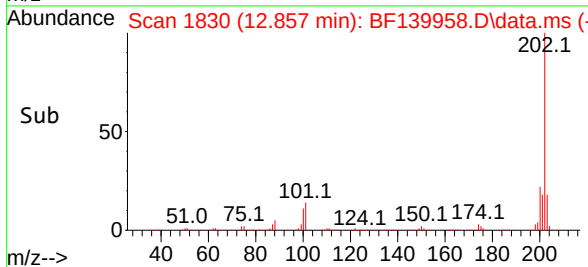
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

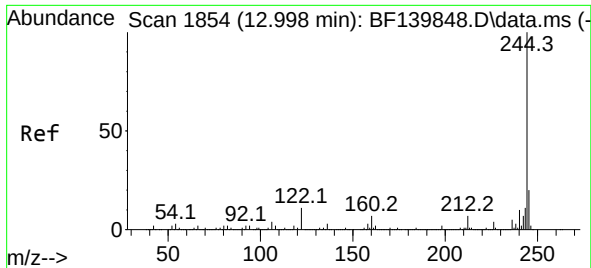


#78
Pyrene
Concen: 51.336 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion:202 Resp: 1386136
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.6 14.2 21.4





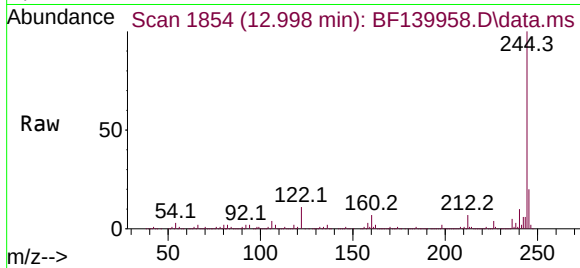
#79
 Terphenyl-d14
 Concen: 102.971 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS



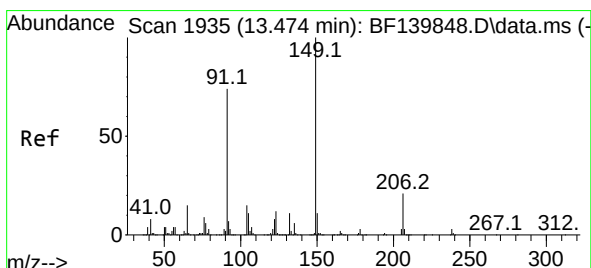
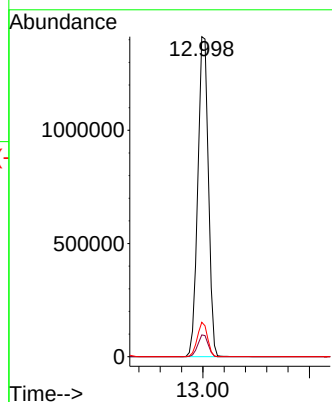
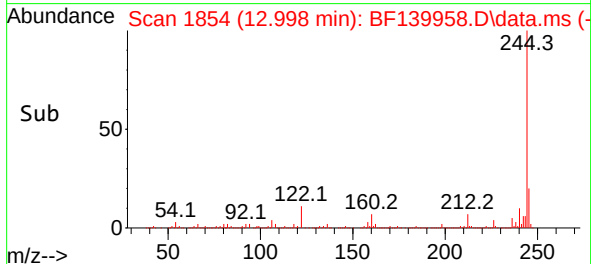
Tgt Ion:244 Resp: 194930
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.7 8.6 13.0

Manual Integrations

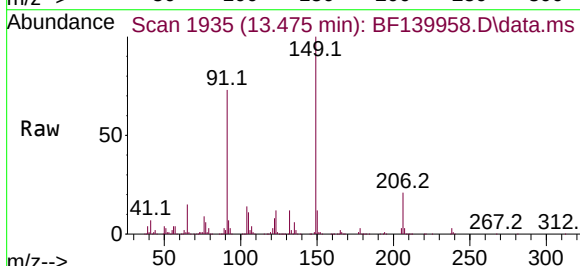
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

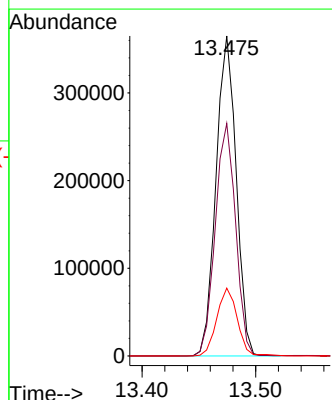
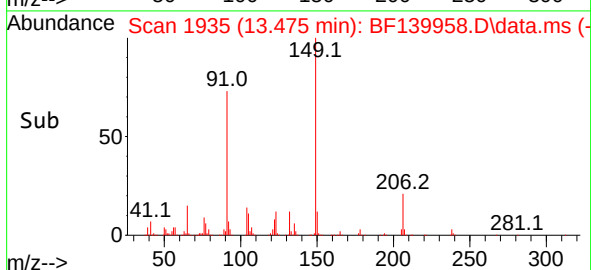
Supervised By :mohammad ahmed 10/25/2024

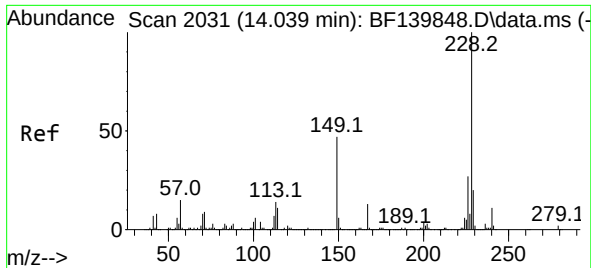


#80
 Butylbenzylphthalate
 Concen: 55.718 ng
 RT: 13.475 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10



Tgt Ion:149 Resp: 451043
 Ion Ratio Lower Upper
 149 100
 91 72.7 59.4 89.2
 206 21.2 16.4 24.6





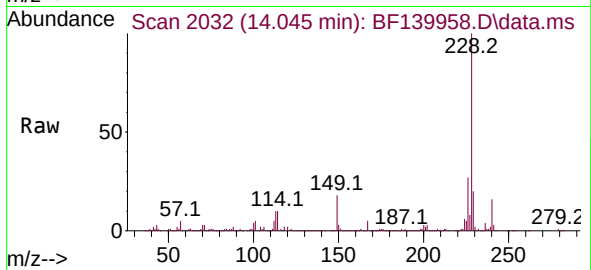
#81
Benzo(a)anthracene
Concen: 51.518 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

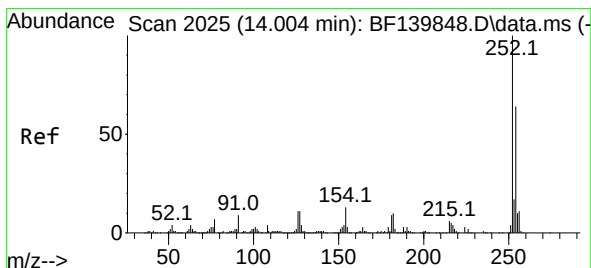
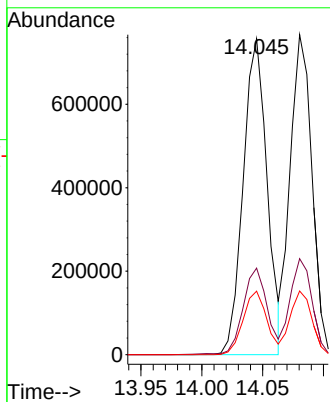
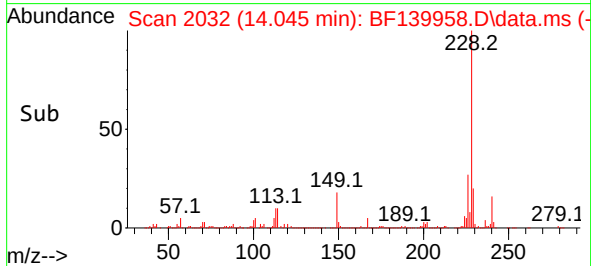


Tgt Ion:228 Resp: 103449
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.1 16.1 24.1

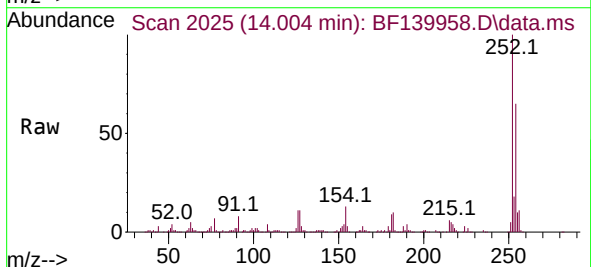
Manual Integrations

APPROVED

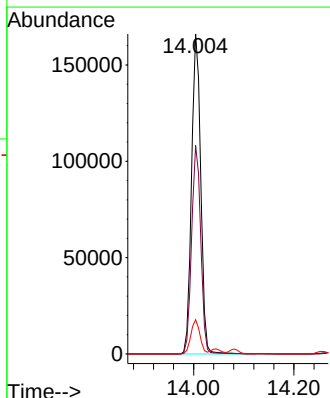
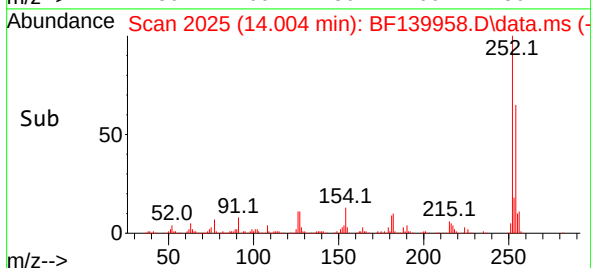
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

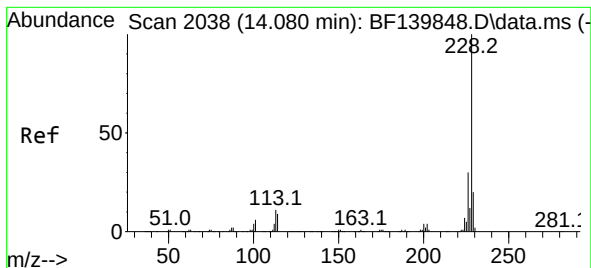


#82
3,3'-Dichlorobenzidine
Concen: 36.032 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10



Tgt Ion:252 Resp: 210956
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 10.7 8.9 13.3





#83

Chrysene

Concen: 52.033 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

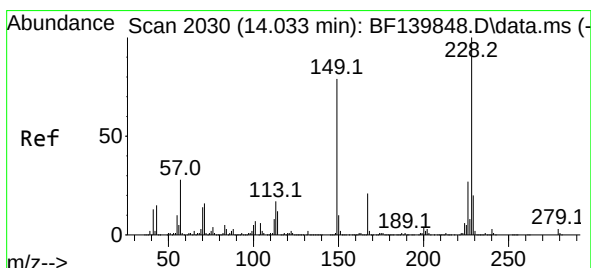
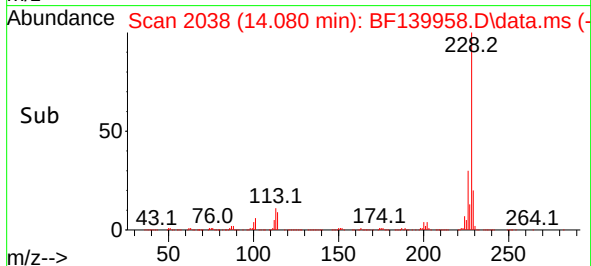
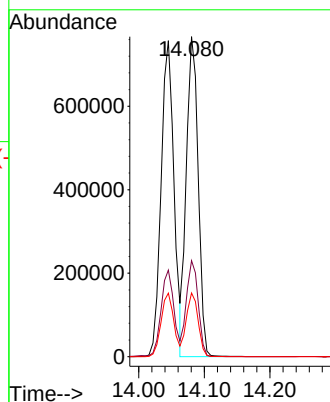
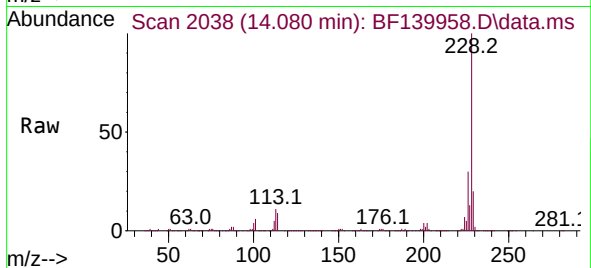
Tgt Ion:228 Resp: 957990

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.310 ng

RT: 14.033 min Scan# 2030

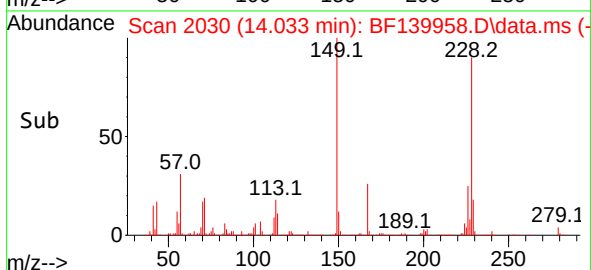
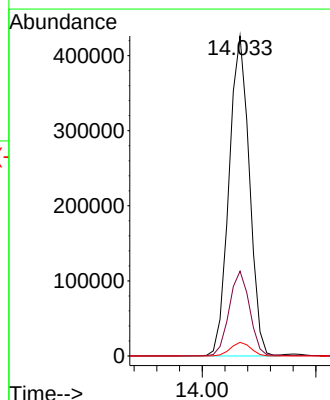
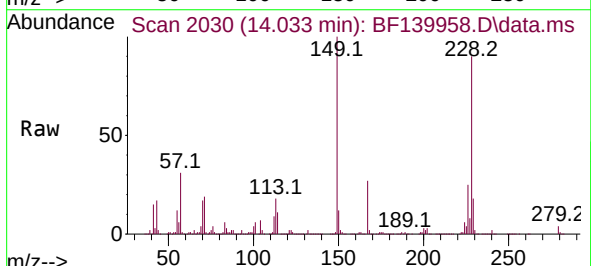
Delta R.T. 0.000 min

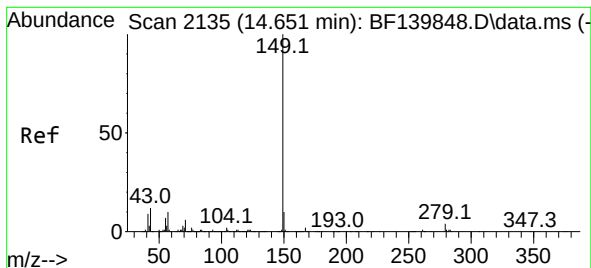
Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion:149 Resp: 529584

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	4.2	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 56.056 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

Tgt Ion:149 Resp: 926010

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

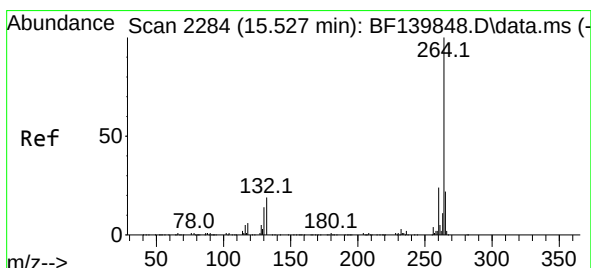
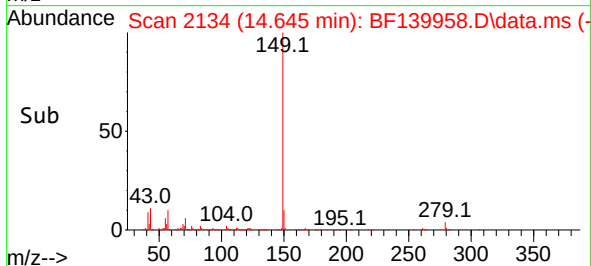
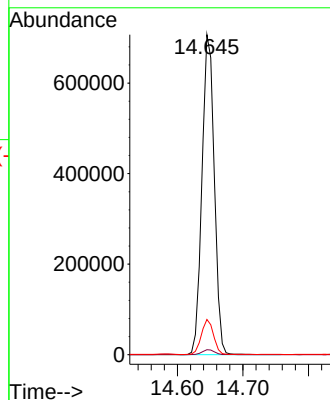
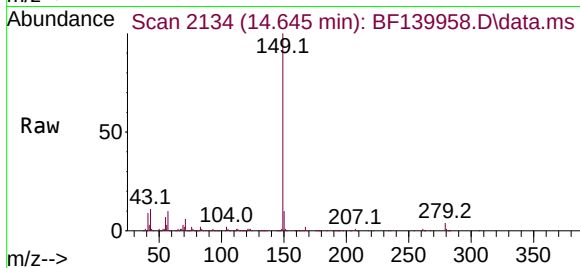
43 10.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

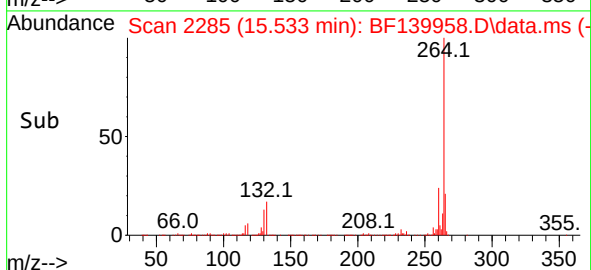
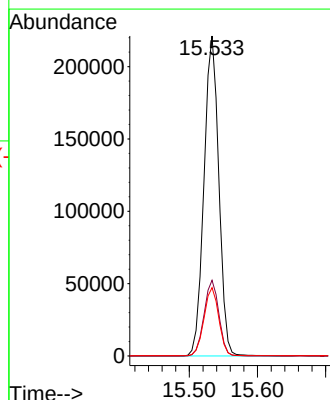
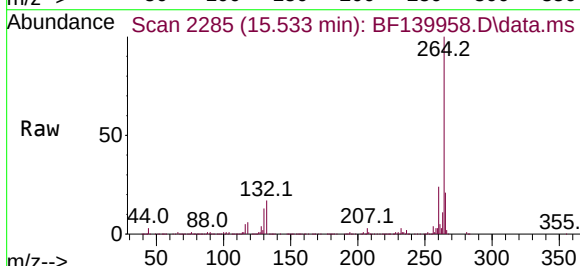
Tgt Ion:264 Resp: 334273

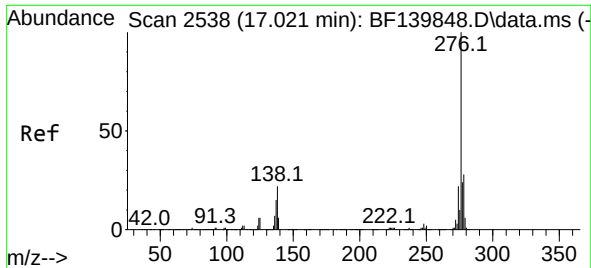
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.3 17.4 26.0





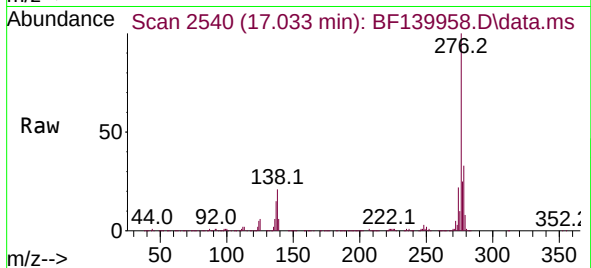
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.468 ng
RT: 17.033 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

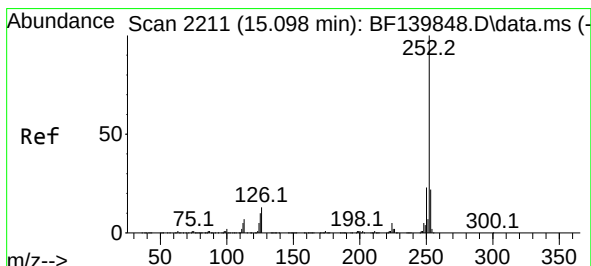
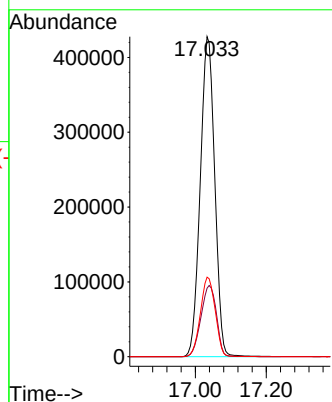
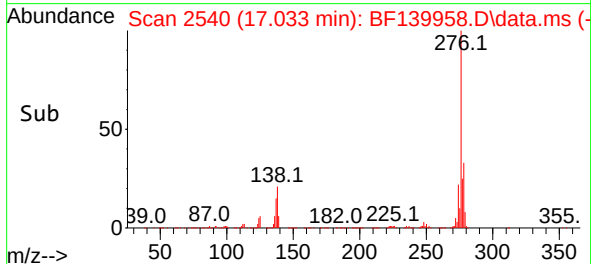


Tgt Ion:276 Resp: 121431
Ion Ratio Lower Upper
276 100
138 23.8 20.4 30.6
277 25.4 20.2 30.4

Manual Integrations

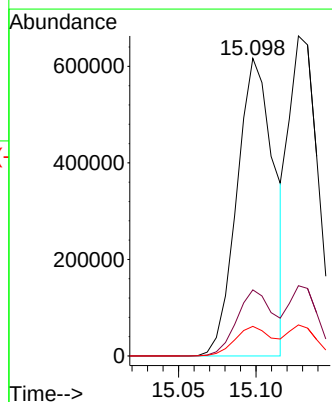
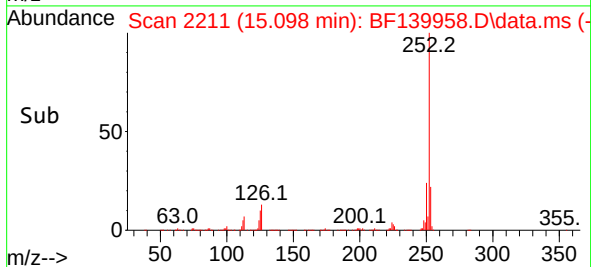
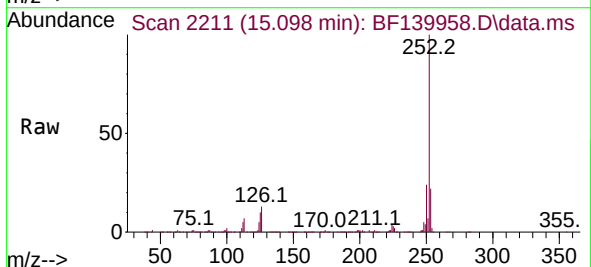
APPROVED

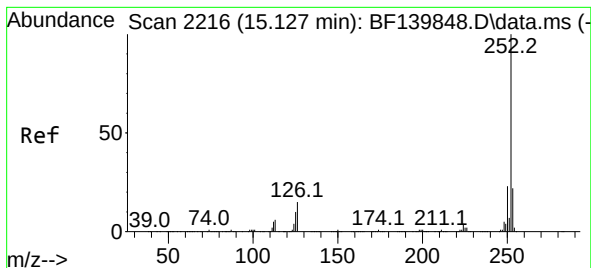
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#88
Benzo(b)fluoranthene
Concen: 50.419 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:252 Resp: 1026661
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 48.905 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

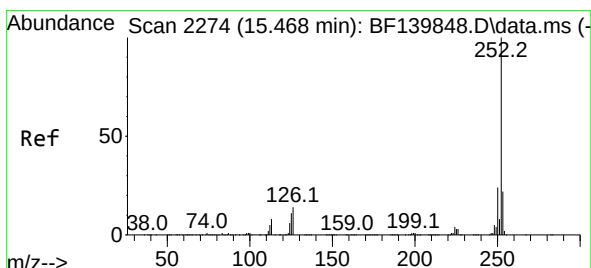
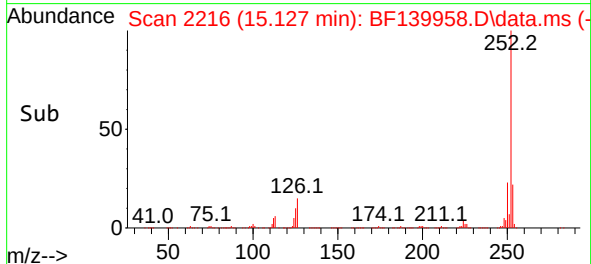
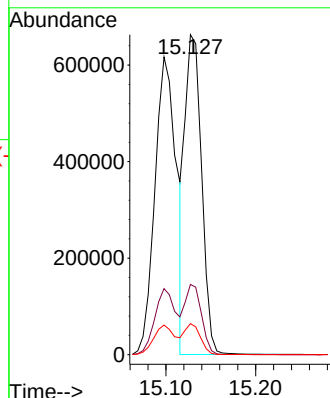
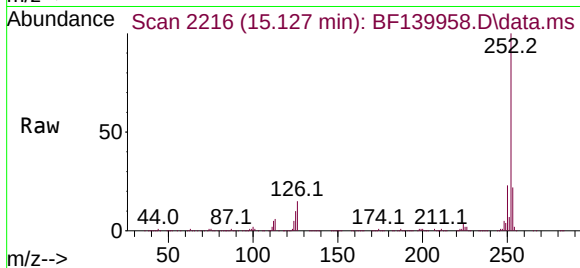
Tgt Ion:252 Resp: 85881
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 9.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#90

Benzo(a)pyrene

Concen: 54.734 ng

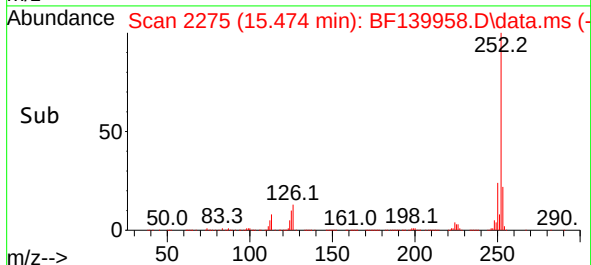
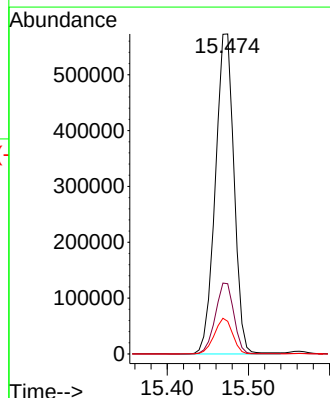
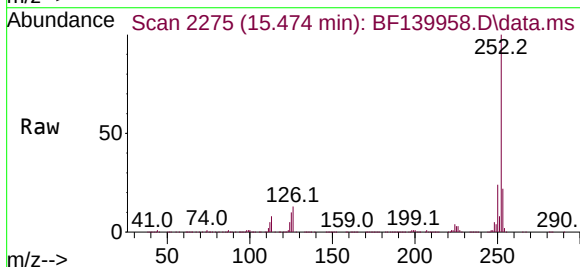
RT: 15.474 min Scan# 2275

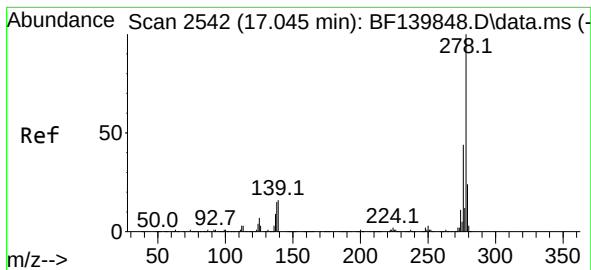
Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion:252 Resp: 917068
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.3 25.9
 125 10.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 55.269 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

Tgt Ion:278 Resp: 99150

Ion Ratio Lower Upper

278 100

139 14.9 13.1 19.7

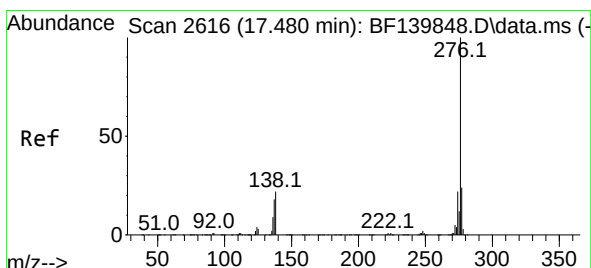
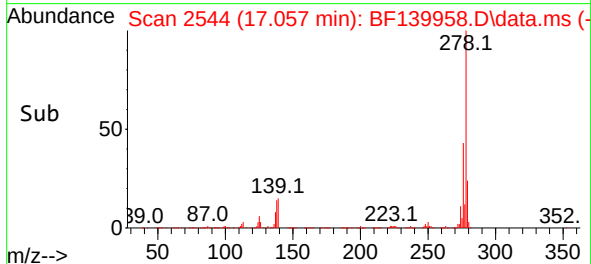
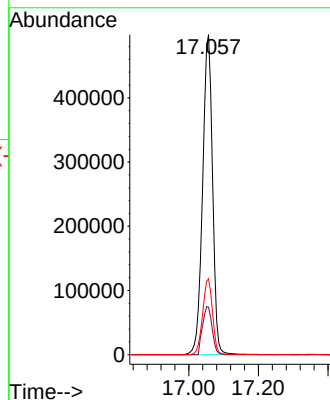
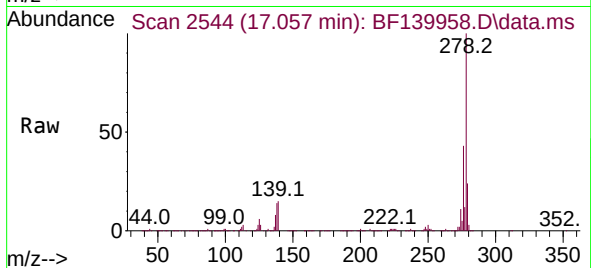
279 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#92

Benzo(g,h,i)perylene

Concen: 51.987 ng

RT: 17.492 min Scan# 2618

Delta R.T. 0.012 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion:276 Resp: 931568

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 20.2 17.4 26.0

