

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139960.D
 Acq On : 23 Oct 2024 13:07
 Operator : RC/JU
 Sample : PB164154BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164154BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 23 13:37:26 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	155060	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	598190	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	337425	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	611801	20.000	ng	0.00
76) Chrysene-d12	14.057	240	325970	20.000	ng	0.00
86) Perylene-d12	15.533	264	358287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1272846	128.507	ng	0.02
7) Phenol-d6	6.516	99	1628123	126.915	ng	0.00
23) Nitrobenzene-d5	7.451	82	1062598	98.452	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	502653	159.261	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1905194	93.316	ng	0.00
79) Terphenyl-d14	12.998	244	1968137	98.385	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	181218	39.241	ng	94
3) Pyridine	3.522	79	479042	41.849	ng	97
4) n-Nitrosodimethylamine	3.475	42	266874	43.393	ng	95
6) Aniline	6.551	93	484680	40.539	ng	98
8) 2-Chlorophenol	6.675	128	503876	49.762	ng	98
9) Benzaldehyde	6.440	77	124231	17.214	ng	98
10) Phenol	6.528	94	619901m	46.872	ng	
11) bis(2-Chloroethyl)ether	6.628	93	479759	46.932	ng	99
12) 1,3-Dichlorobenzene	6.834	146	529493	45.553	ng	99
13) 1,4-Dichlorobenzene	6.910	146	543764	46.825	ng	99
14) 1,2-Dichlorobenzene	7.063	146	520985	48.070	ng	98
15) Benzyl Alcohol	7.028	79	462205	49.118	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	801294	45.971	ng	97
17) 2-Methylphenol	7.140	107	422006	48.876	ng	99
18) Hexachloroethane	7.404	117	195917	47.310	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	363348	46.700	ng	96
20) 3+4-Methylphenols	7.287	107	513204	46.470	ng	93
22) Acetophenone	7.298	105	678917	46.337	ng	99
24) Nitrobenzene	7.469	77	546867	46.214	ng	99
25) Isophorone	7.710	82	996658	48.653	ng	99
26) 2-Nitrophenol	7.787	139	261637	58.608	ng	95
27) 2,4-Dimethylphenol	7.822	122	425922	57.218	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	599138	48.273	ng	100
29) 2,4-Dichlorophenol	8.028	162	422786	49.864	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	437000	46.579	ng	99
31) Naphthalene	8.192	128	1447102	46.906	ng	100
32) Benzoic acid	7.934	122	331855	51.114	ng	96
33) 4-Chloroaniline	8.240	127	226613	21.542	ng	98
34) Hexachlorobutadiene	8.310	225	282324	47.894	ng	99
35) Caprolactam	8.610	113	133451m	49.501	ng	
36) 4-Chloro-3-methylphenol	8.716	107	464991	49.528	ng	99
37) 2-Methylnaphthalene	8.887	142	918290	48.601	ng	100
38) 1-Methylnaphthalene	8.987	142	862092	46.505	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	431129	47.360	ng	99
41) Hexachlorocyclopentadiene	9.039	237	567205	179.072	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	336220	52.168	ng	99

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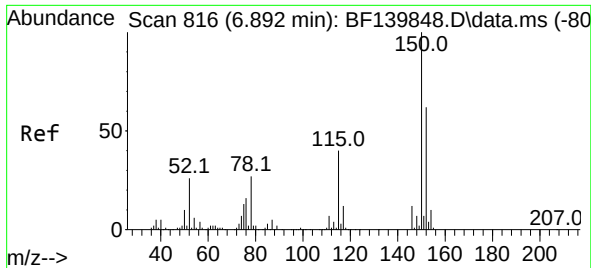
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	330382	49.686	ng	100
46) 1,1'-Biphenyl	9.351	154	1115152	47.474	ng	100
47) 2-Chloronaphthalene	9.375	162	879879	46.508	ng	100
48) 2-Nitroaniline	9.469	65	312352	53.982	ng	93
49) Acenaphthylene	9.792	152	1392576	50.915	ng	100
50) Dimethylphthalate	9.651	163	1061203	50.491	ng	100
51) 2,6-Dinitrotoluene	9.710	165	238284	52.362	ng	96
52) Acenaphthene	9.963	154	974519	55.078	ng	98
53) 3-Nitroaniline	9.875	138	146617	31.242	ng	95
54) 2,4-Dinitrophenol	9.986	184	261212	133.409	ng	# 1
55) Dibenzofuran	10.134	168	1224268	48.227	ng	99
56) 4-Nitrophenol	10.034	139	393084	108.873	ng	99
57) 2,4-Dinitrotoluene	10.116	165	323562	57.819	ng	96
58) Fluorene	10.481	166	929505	48.073	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	280379	53.788	ng	96
60) Diethylphthalate	10.351	149	1030661	49.945	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	472382	48.378	ng	98
62) 4-Nitroaniline	10.498	138	233090	52.589	ng	96
63) Azobenzene	10.628	77	1048244	47.914	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	175060	70.150	ng	92
66) n-Nitrosodiphenylamine	10.586	169	878190	47.960	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	314317	49.870	ng	94
68) Hexachlorobenzene	11.028	284	351330	49.564	ng	96
69) Atrazine	11.116	200	288364	58.136	ng	99
70) Pentachlorophenol	11.216	266	429890	99.928	ng	99
71) Phenanthrene	11.439	178	1394242	48.246	ng	100
72) Anthracene	11.492	178	1419494	50.343	ng	100
73) Carbazole	11.645	167	1215745	46.362	ng	99
74) Di-n-butylphthalate	11.975	149	1483161	48.955	ng	100
75) Fluoranthene	12.627	202	1377658	47.157	ng	100
77) Benzidine	12.745	184	297260	55.458	ng	99
78) Pyrene	12.857	202	1384172	48.511	ng	100
80) Butylbenzylphthalate	13.475	149	461755	53.979	ng	100
81) Benzo(a)anthracene	14.045	228	1066844	50.276	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	218434	35.306	ng	100
83) Chrysene	14.080	228	989412	50.854	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	554575	57.783	ng	# 98
85) Di-n-octyl phthalate	14.645	149	995907	57.050	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1227173	53.241	ng	98
88) Benzo(b)fluoranthene	15.098	252	1086886	49.799	ng	100
89) Benzo(k)fluoranthene	15.127	252	916238	48.678	ng	100
90) Benzo(a)pyrene	15.468	252	960094	53.462	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	1006006	52.319	ng	98
92) Benzo(g,h,i)perylene	17.486	276	931789	48.514	ng	99

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



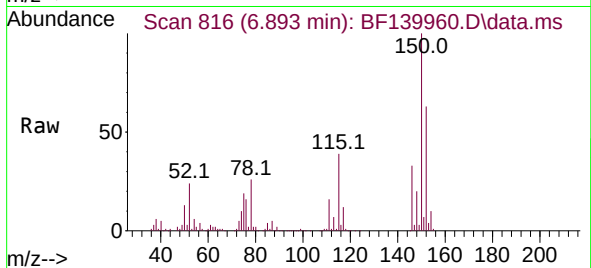
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

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PB164154BS

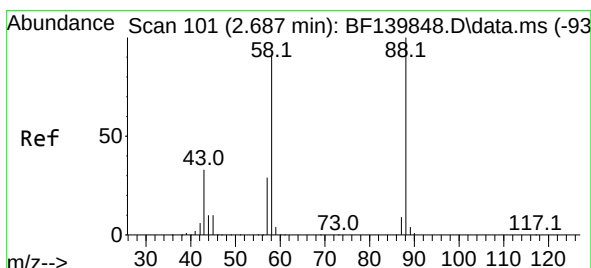
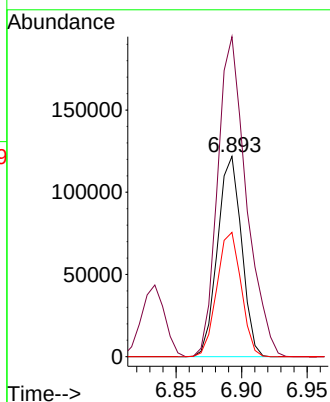
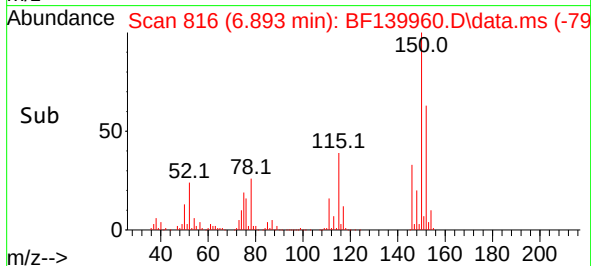


Tgt Ion:152 Resp: 155060
Ion Ratio Lower Upper
152 100
150 159.8 130.2 195.2
115 62.1 51.4 77.2

Manual Integrations

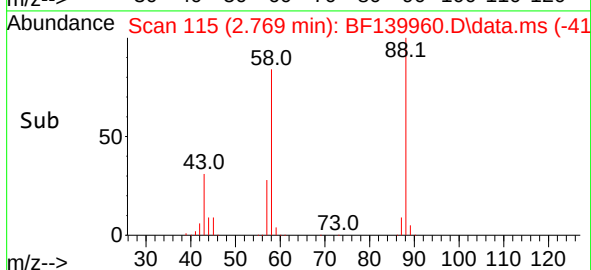
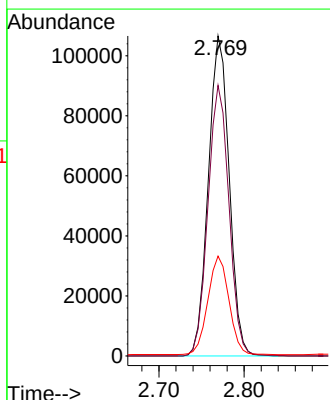
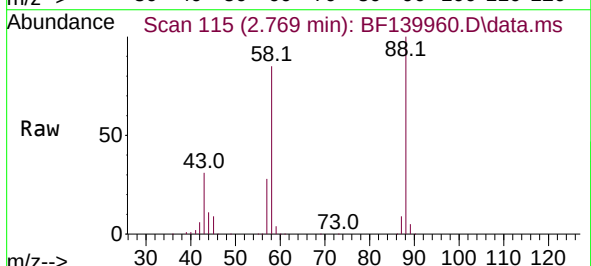
APPROVED

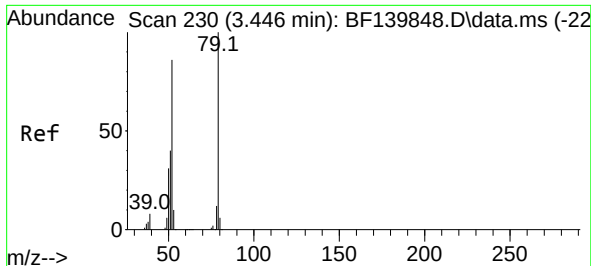
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#2
1,4-Dioxane
Concen: 39.241 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion: 88 Resp: 181218
Ion Ratio Lower Upper
88 100
58 85.5 73.3 109.9
43 31.2 27.1 40.7





#3

Pyridine

Concen: 41.849 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.077 min

Lab File: BF139960.D

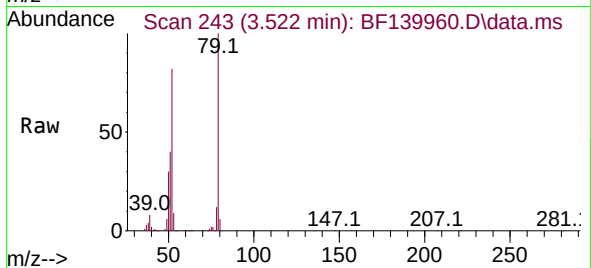
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



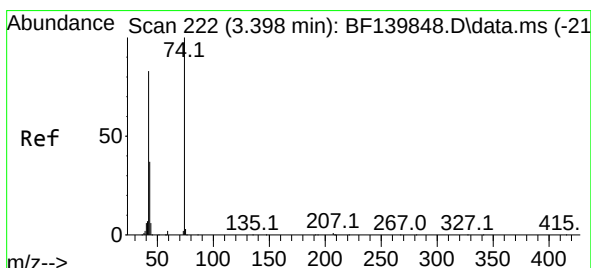
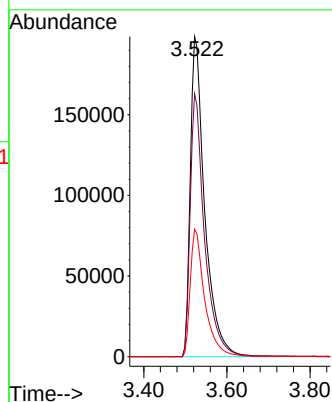
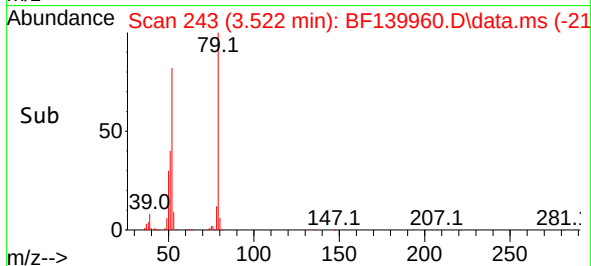
Tgt Ion:	79	Ratio	100	Lower	68.5	Upper	102.7
52	82.1	68.5	102.7				
51	39.8	32.3	48.5				

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#4

n-Nitrosodimethylamine

Concen: 43.393 ng

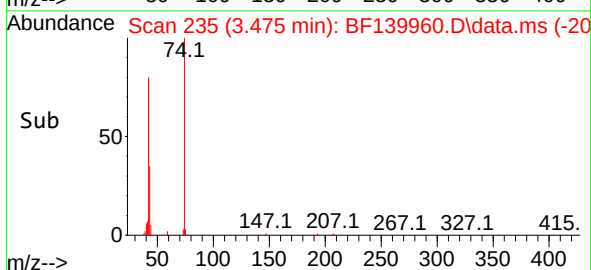
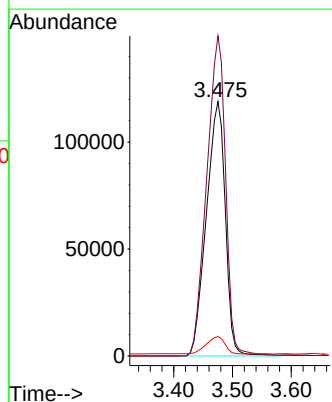
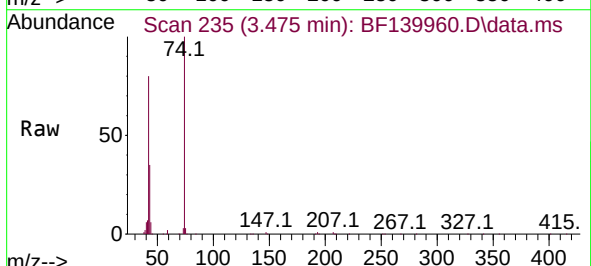
RT: 3.475 min Scan# 235

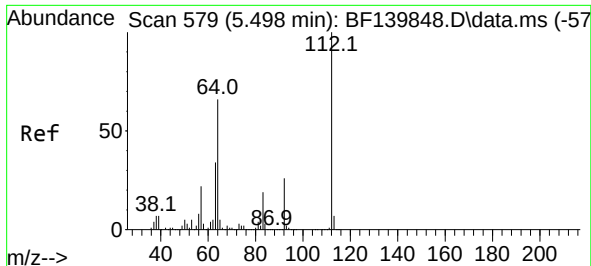
Delta R.T. 0.077 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion:	42	Ratio	100	Lower	96.2	Upper	144.4
74	125.8	96.2	144.4				
44	7.6	6.2	9.2				





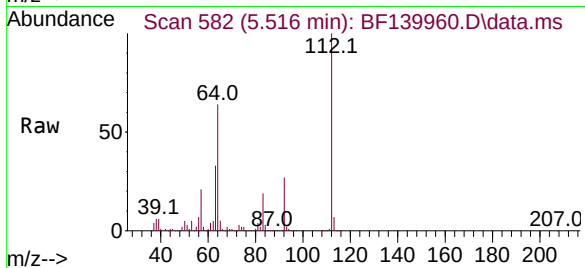
#5
2-Fluorophenol
Concen: 128.507 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

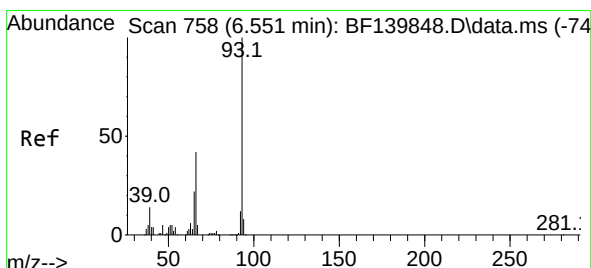
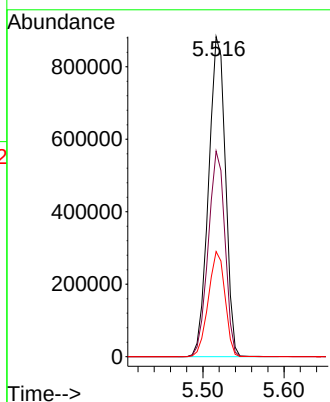
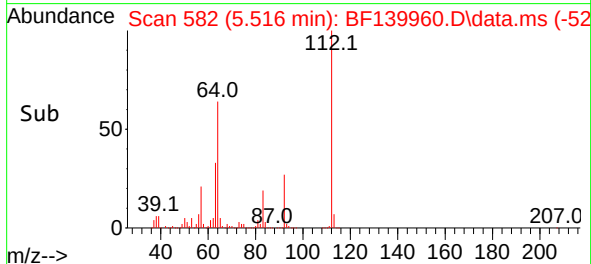


Tgt Ion:112 Resp: 1272840
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 32.9 27.0 40.4

Manual Integrations

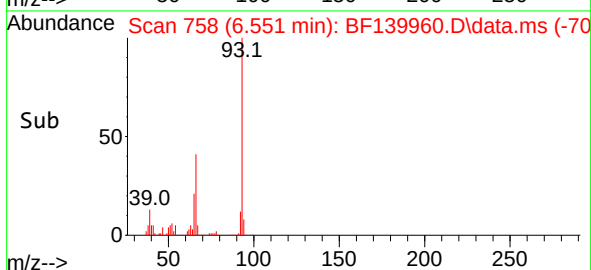
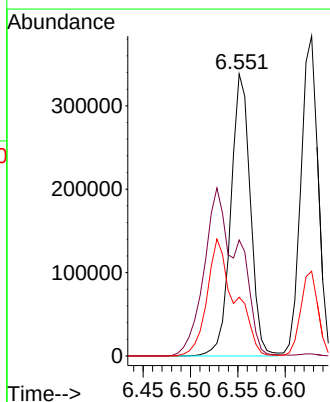
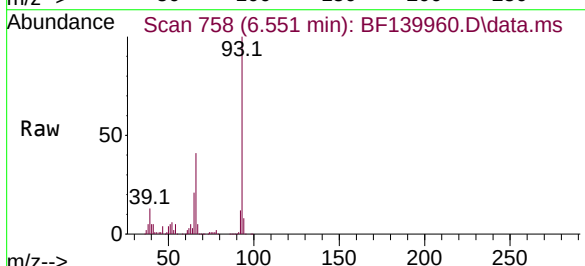
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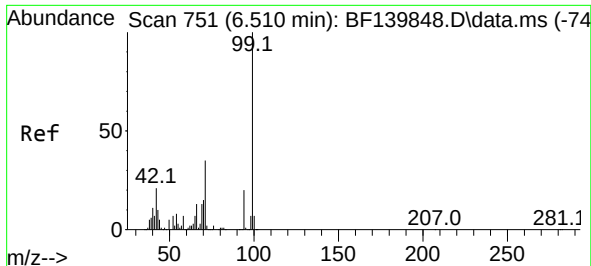
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#6
Aniline
Concen: 40.539 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

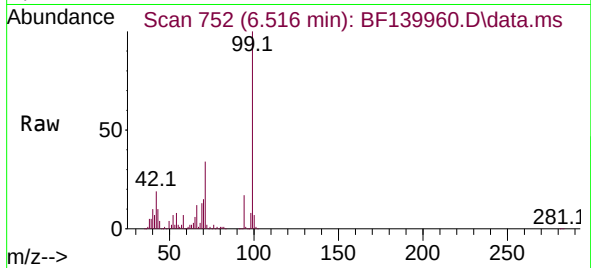
Tgt Ion: 93 Resp: 484680
Ion Ratio Lower Upper
93 100
66 41.1 34.0 51.0
65 20.8 17.4 26.0





#7
Phenol-d6
Concen: 126.915 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

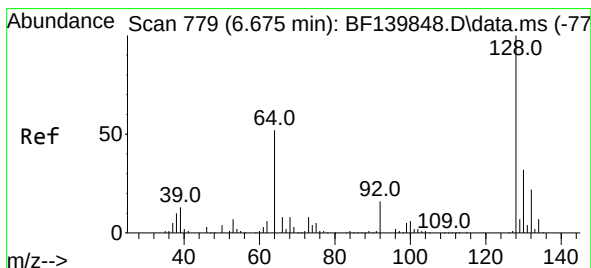
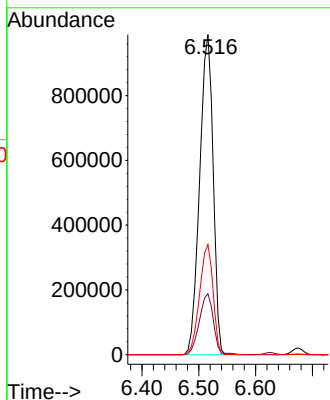
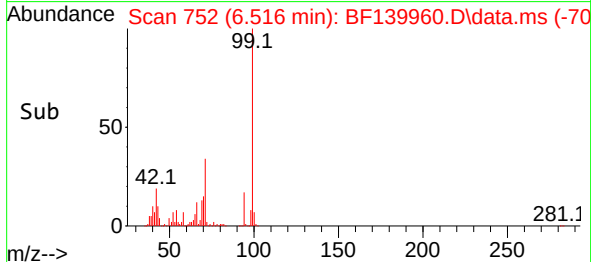
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 162812
Ion Ratio Lower Upper
99 100
42 19.0 16.7 25.1
71 34.4 27.7 41.5

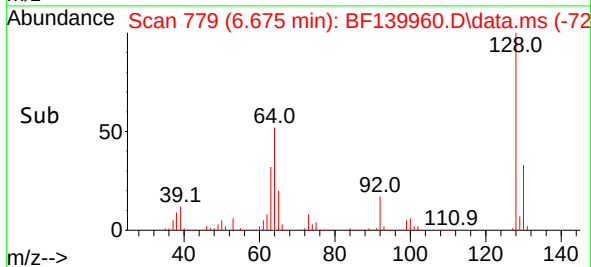
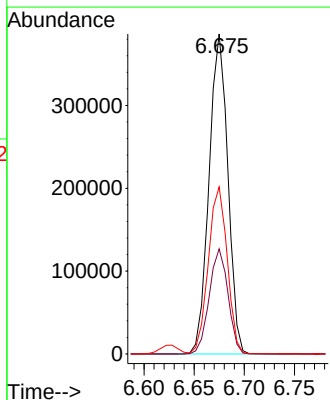
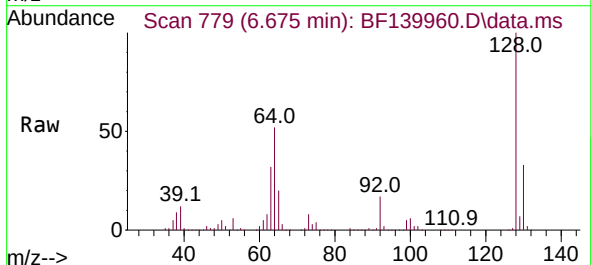
Manual Integrations
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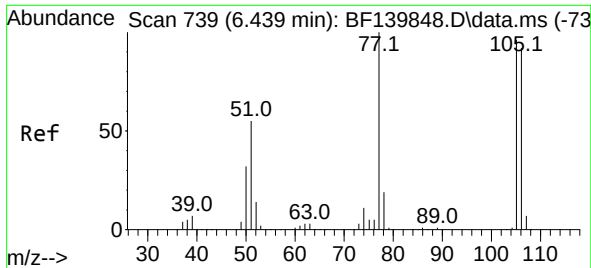
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#8
2-Chlorophenol
Concen: 49.762 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

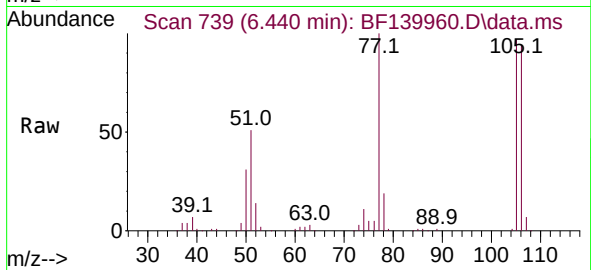
Tgt Ion:128 Resp: 503876
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 52.2 34.6 74.6





#9
Benzaldehyde
Concen: 17.214 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

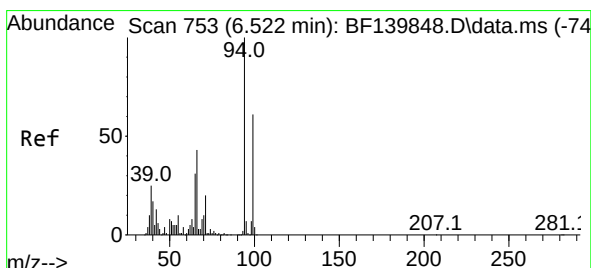
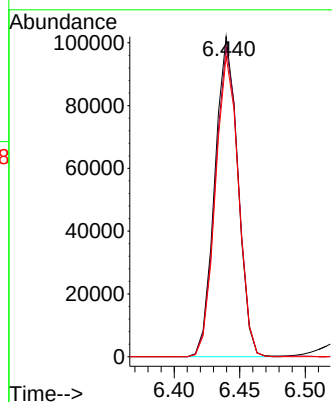
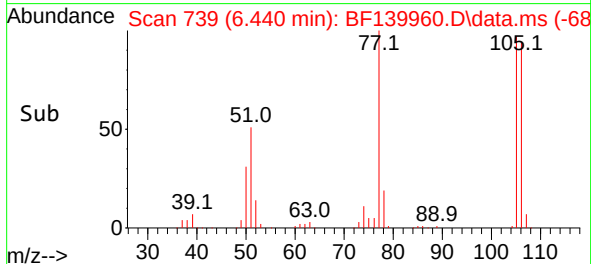
Instrument :
BNA_F
ClientSampleId :
PB164154BS



Tgt Ion: 77 Resp: 12423
Ion Ratio Lower Upper
77 100
105 96.8 75.5 115.5
106 94.0 71.7 111.7

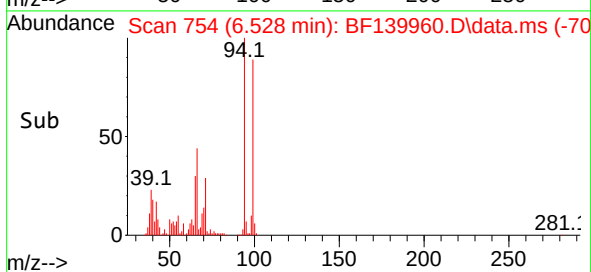
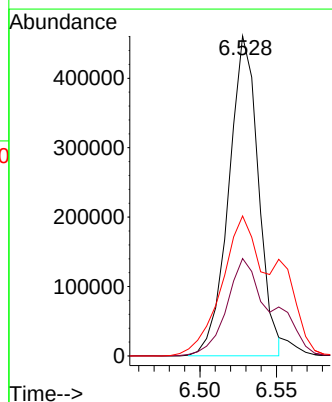
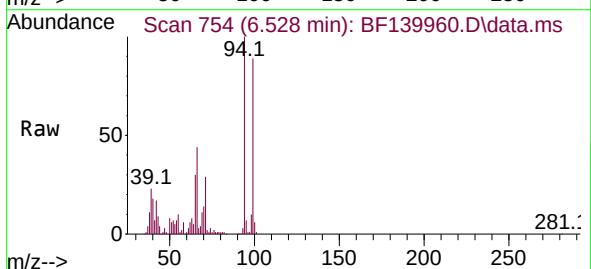
Manual Integrations
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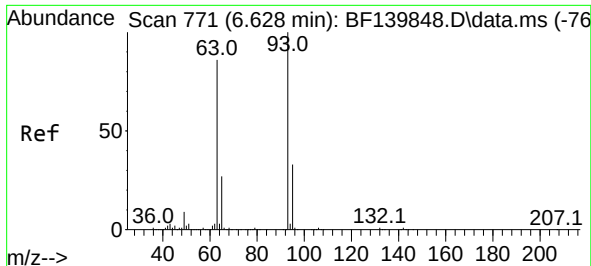
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#10
Phenol
Concen: 46.872 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

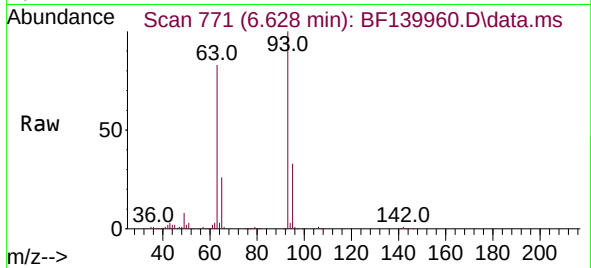
Tgt Ion: 94 Resp: 619901
Ion Ratio Lower Upper
94 100
65 30.4 11.1 51.1
66 43.7 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 46.932 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

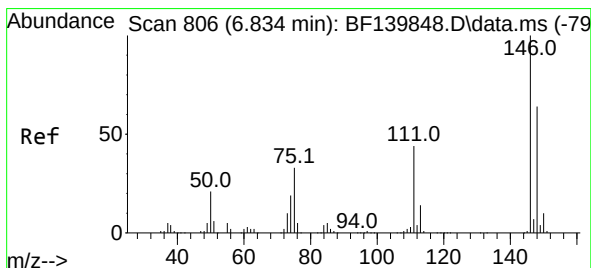
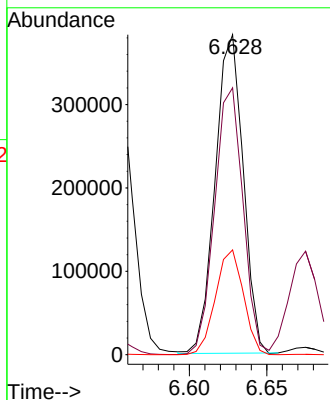
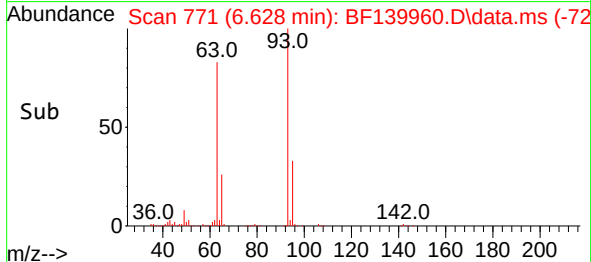
Instrument :
BNA_F
ClientSampleId :
PB164154BS



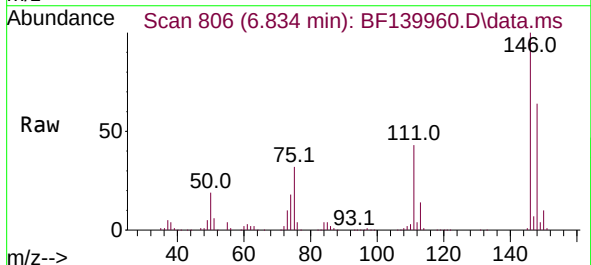
Tgt Ion: 93 Resp: 479759
Ion Ratio Lower Upper
93 100
63 83.4 65.0 105.0
95 32.7 12.4 52.4

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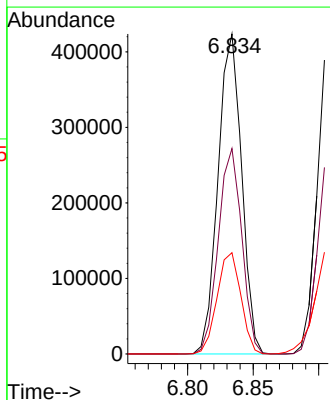
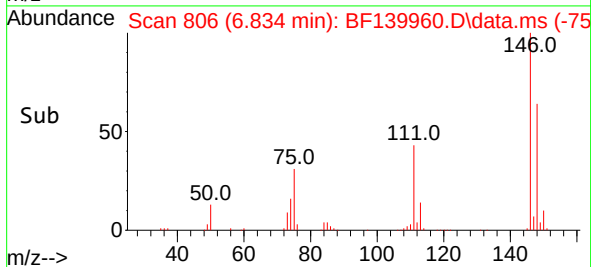
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

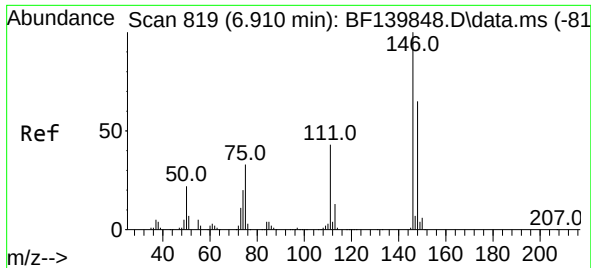


#12
1,3-Dichlorobenzene
Concen: 45.553 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:146 Resp: 529493
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 31.6 26.4 39.6





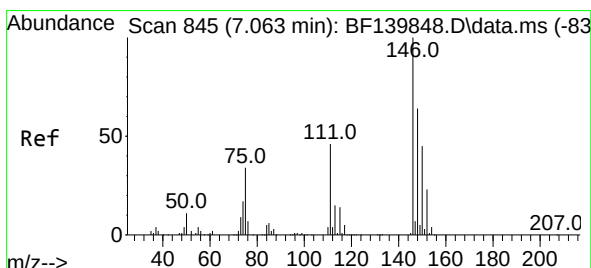
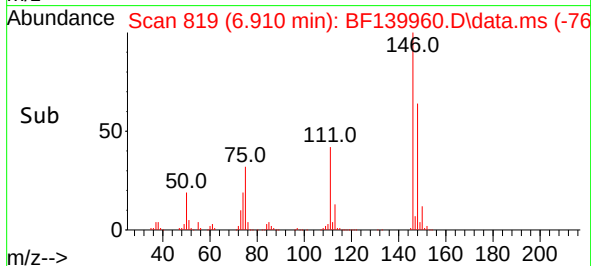
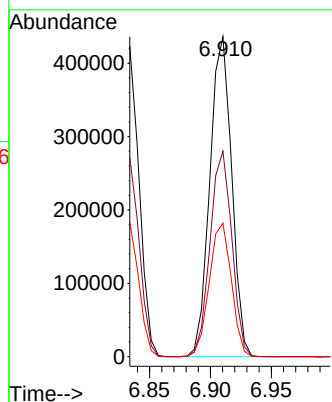
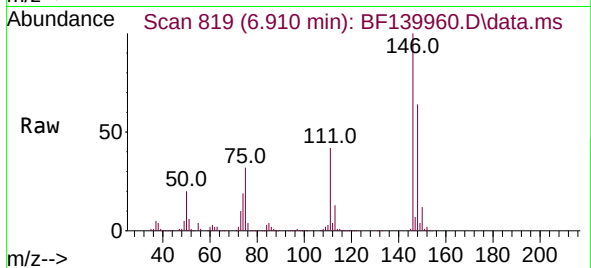
#13
1,4-Dichlorobenzene
Concen: 46.825 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion:146 Resp: 543764
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 41.7 34.6 51.8

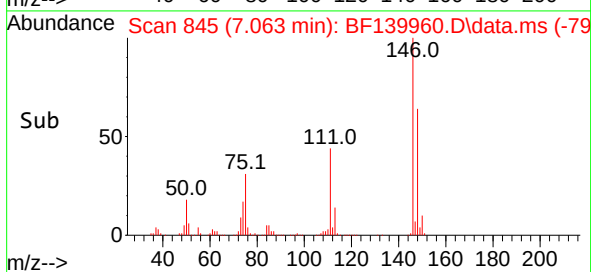
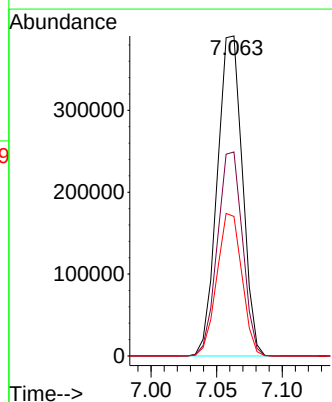
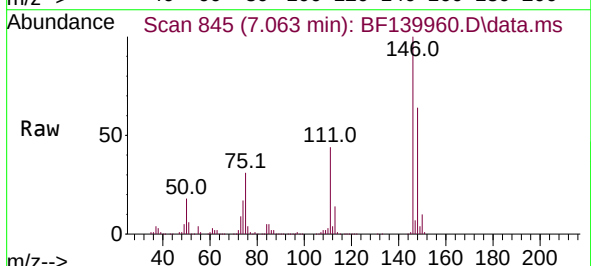
Manual Integrations
APPROVED

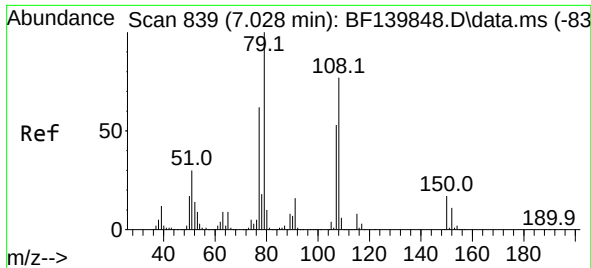
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#14
1,2-Dichlorobenzene
Concen: 48.070 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

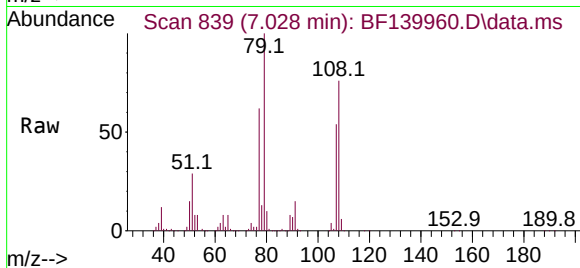
Tgt Ion:146 Resp: 520985
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.6 36.7 55.1





#15
Benzyl Alcohol
Concen: 49.118 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

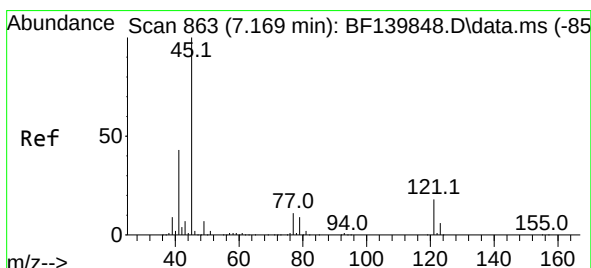
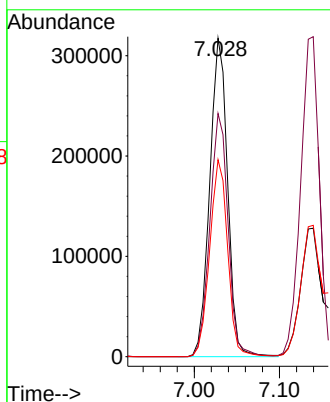
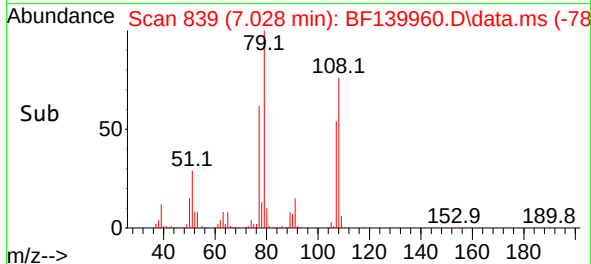
Instrument :
BNA_F
ClientSampleId :
PB164154BS



Tgt Ion: 79 Resp: 462205
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 61.9 49.9 74.9

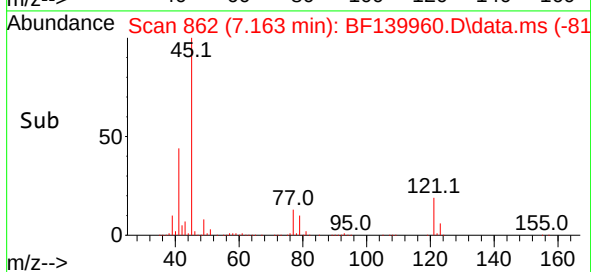
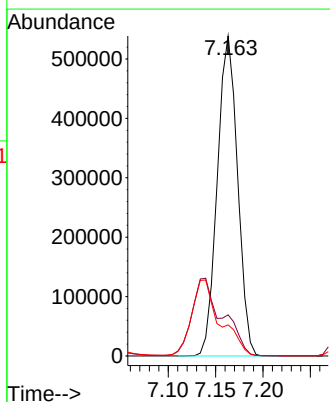
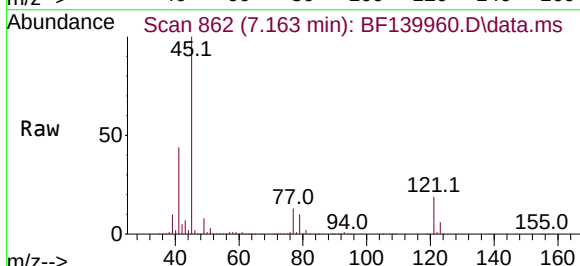
Manual Integrations
APPROVED

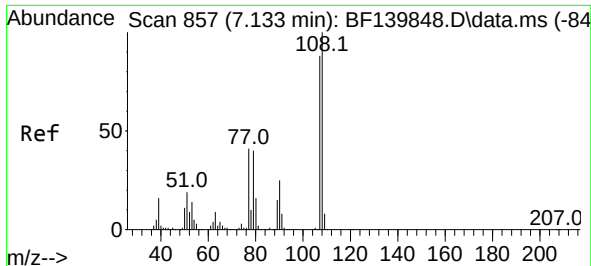
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.971 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion: 45 Resp: 801294
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 9.7 0.0 29.1





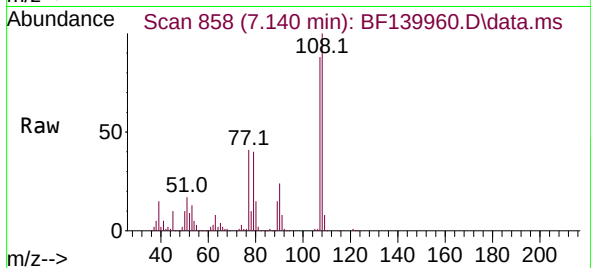
#17
2-Methylphenol
Concen: 48.876 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

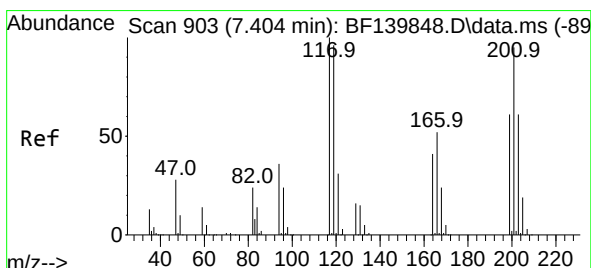
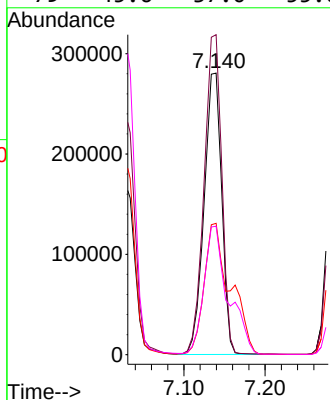
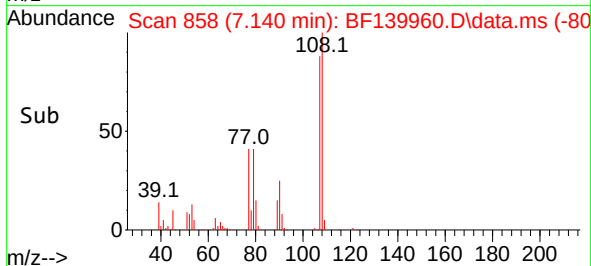


Tgt Ion:107 Resp: 422000
Ion Ratio Lower Upper
107 100
108 113.6 91.3 136.9
77 46.7 37.1 55.7
79 45.6 37.0 55.6

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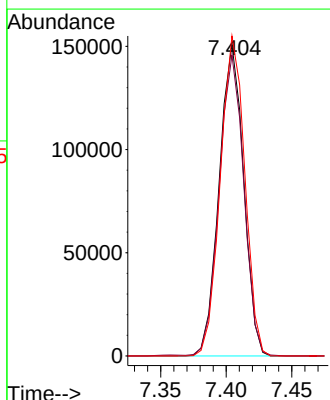
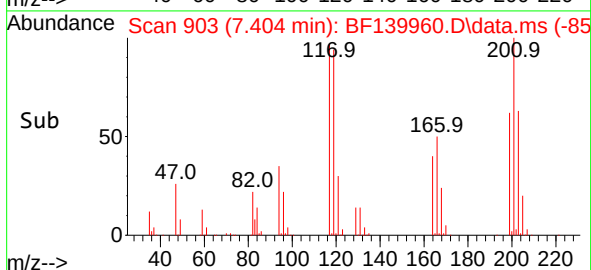
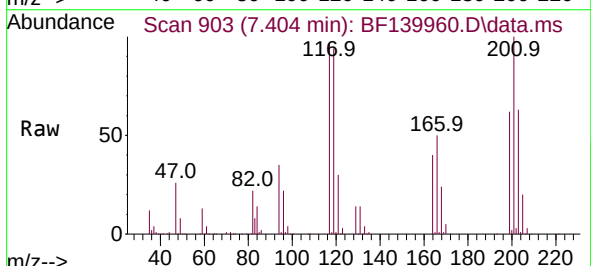
APPROVED

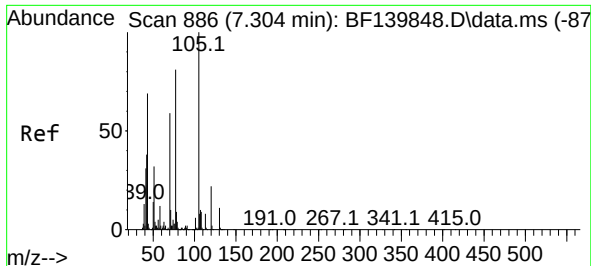
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#18
Hexachloroethane
Concen: 47.310 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:117 Resp: 195917
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4
201 102.7 76.2 114.4





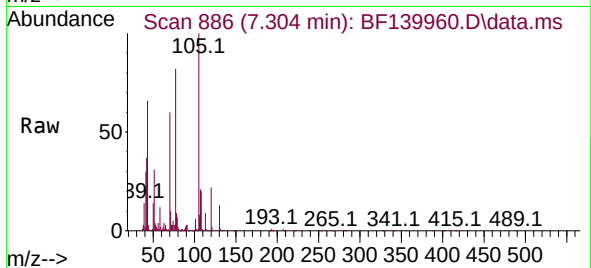
#19
n-Nitroso-di-n-propylamine
Concen: 46.700 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



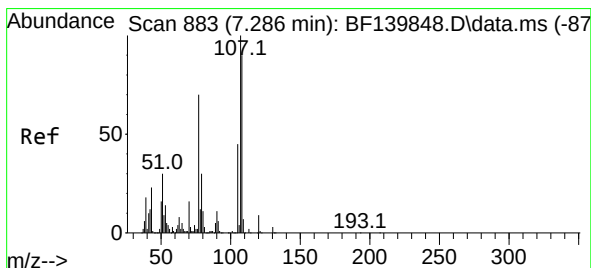
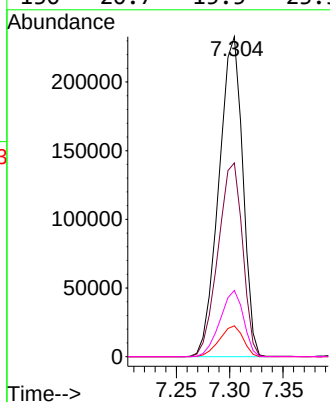
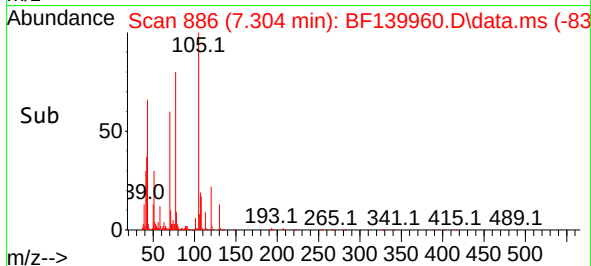
Tgt Ion: 70 Resp: 363348
Ion Ratio Lower Upper
70 100
42 60.5 51.5 77.3
101 9.6 7.5 11.3
130 20.7 15.5 23.3

Manual Integrations

APPROVED

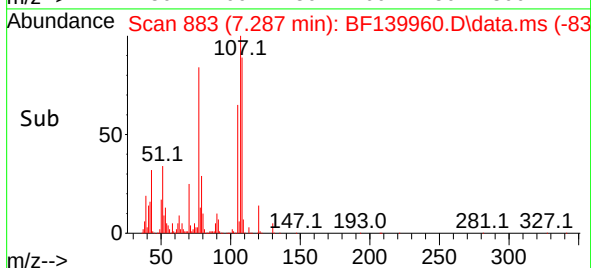
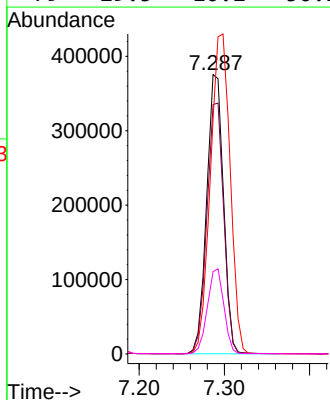
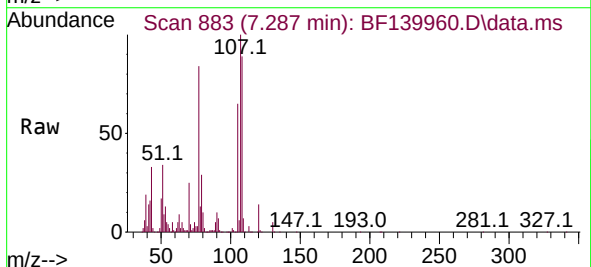
Reviewed By :Yogesh Patel 10/24/2024

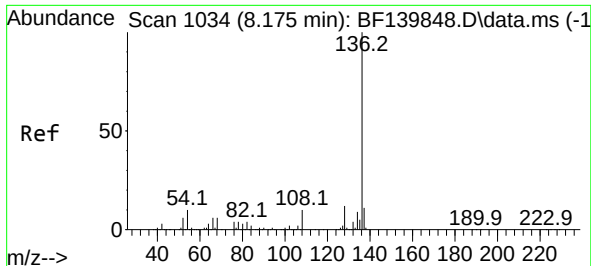
Supervised By :mohammad ahmed 10/25/2024



#20
3+4-Methylphenols
Concen: 46.470 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:107 Resp: 513204
Ion Ratio Lower Upper
107 100
108 89.3 69.8 109.8
77 84.3 50.5 90.5
79 29.5 10.2 50.2





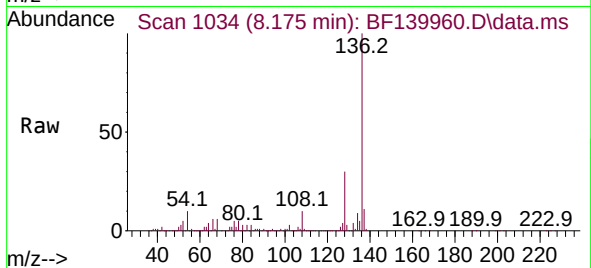
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



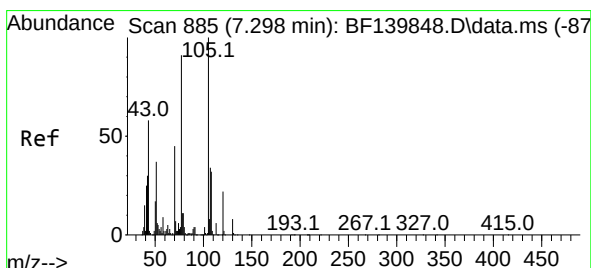
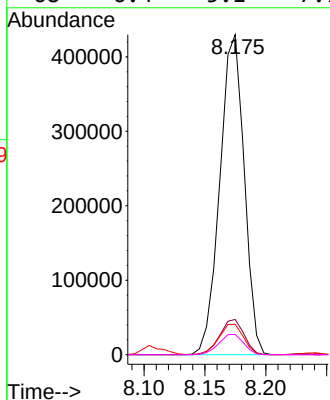
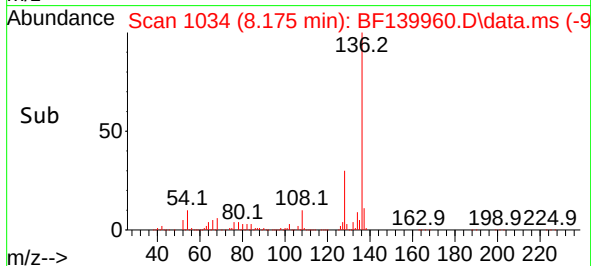
Tgt Ion:136 Resp: 598190
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.5 8.4 12.6
68 6.4 5.1 7.7

Manual Integrations

APPROVED

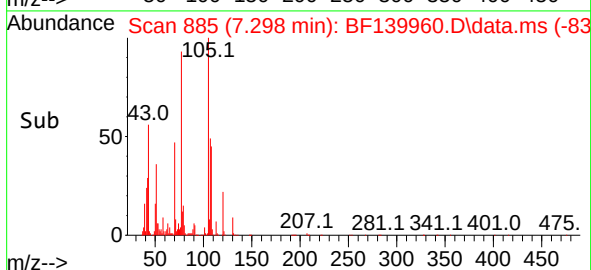
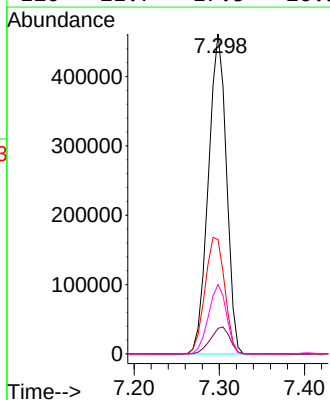
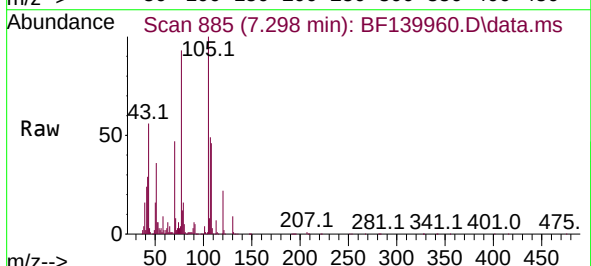
Reviewed By :Yogesh Patel 10/24/2024

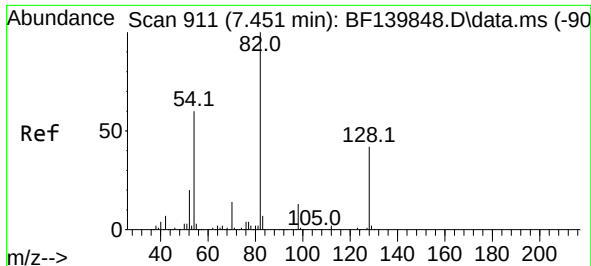
Supervised By :mohammad ahmed 10/25/2024



#22
Acetophenone
Concen: 46.337 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:105 Resp: 678917
Ion Ratio Lower Upper
105 100
71 8.0 5.9 8.9
51 35.8 29.4 44.2
120 21.7 17.5 26.3





#23

Nitrobenzene-d5

Concen: 98.452 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

Tgt Ion: 82 Resp: 1062598

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.0

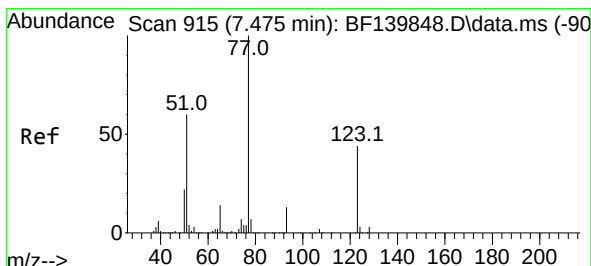
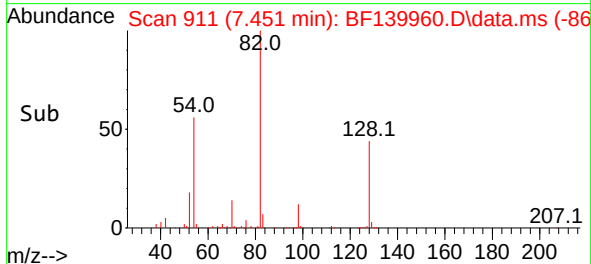
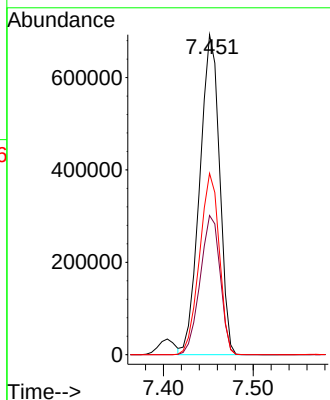
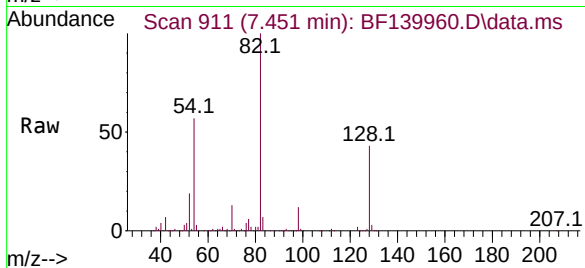
54 56.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#24

Nitrobenzene

Concen: 46.214 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

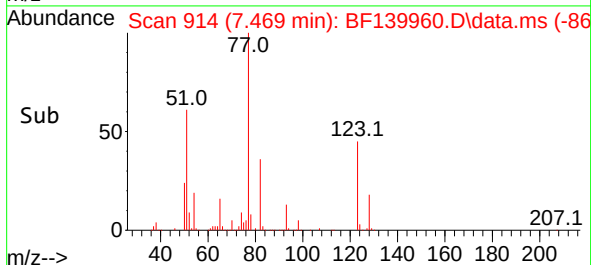
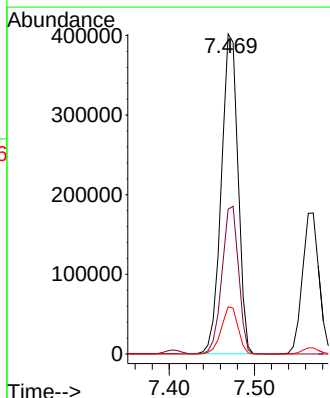
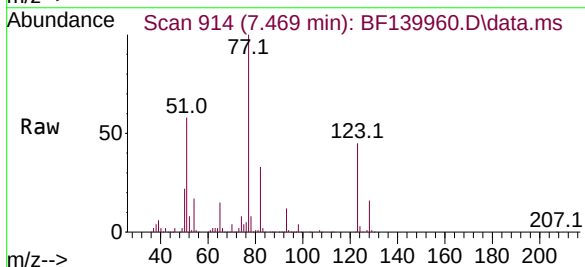
Tgt Ion: 77 Resp: 546867

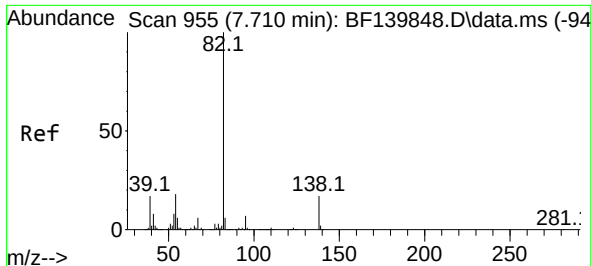
Ion Ratio Lower Upper

77 100

123 45.3 35.7 53.5

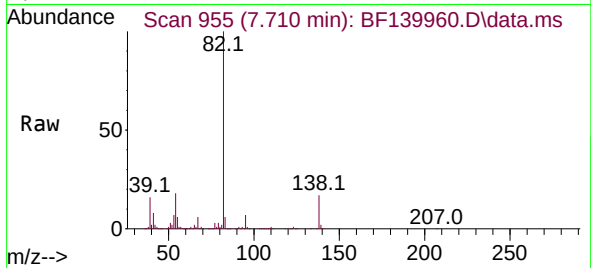
65 14.8 11.5 17.3





#25
Isophorone
Concen: 48.653 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

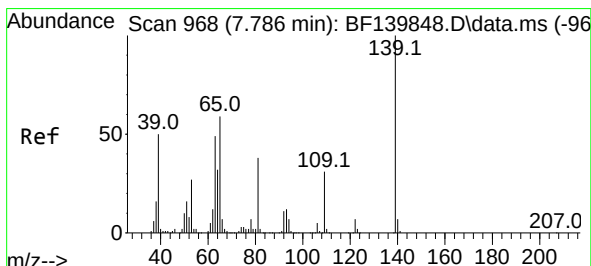
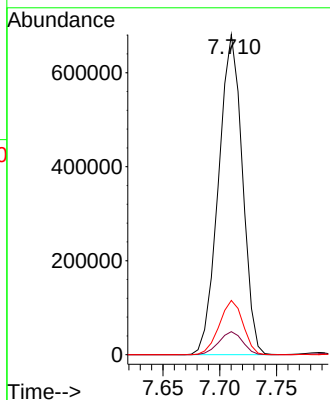
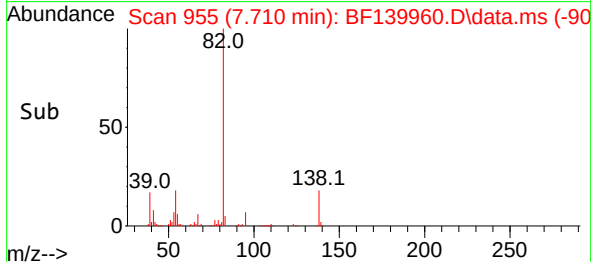
Instrument :
BNA_F
ClientSampleId :
PB164154BS



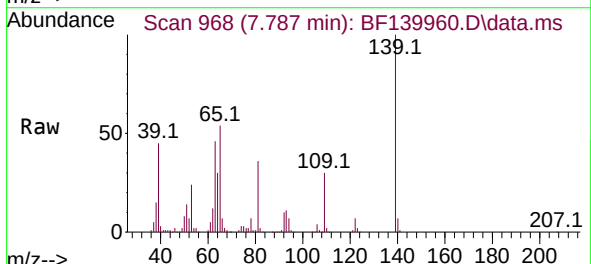
Tgt Ion: 82 Resp: 996658
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.0 13.2 19.8

Manual Integrations
APPROVED

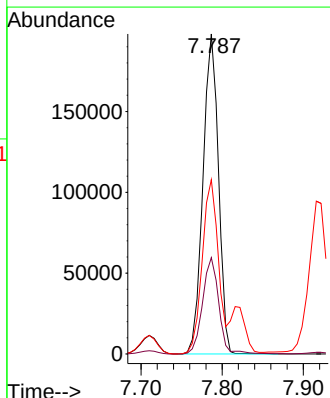
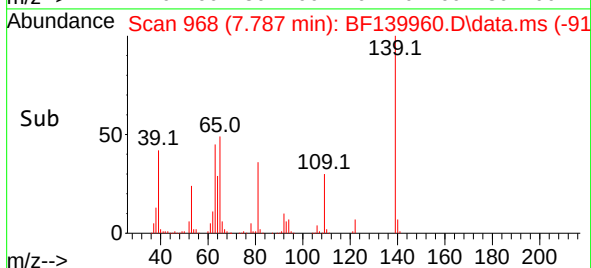
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

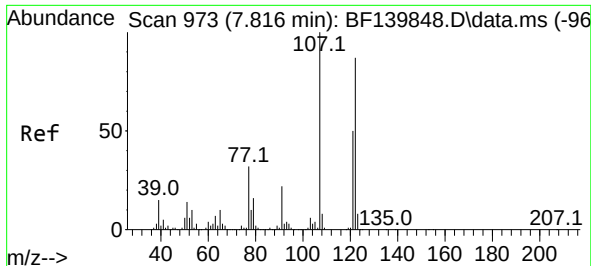


#26
2-Nitrophenol
Concen: 58.608 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:139 Resp: 261637
Ion Ratio Lower Upper
139 100
109 30.1 25.1 37.7
65 54.5 47.5 71.3





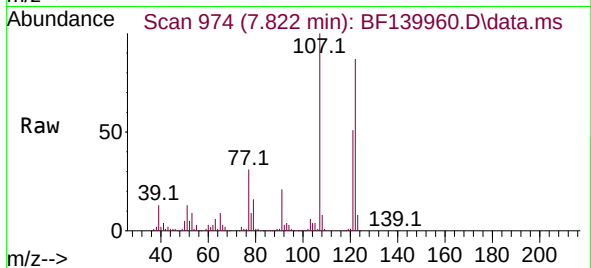
#27
2,4-Dimethylphenol
Concen: 57.218 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

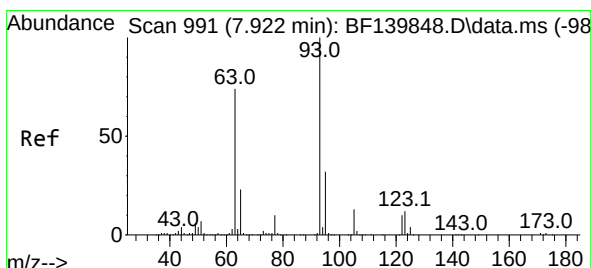
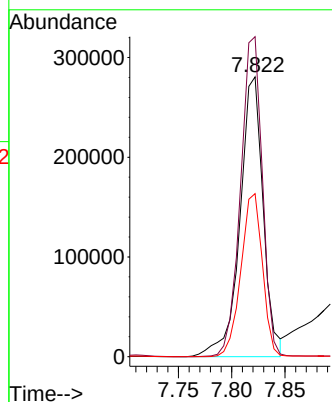
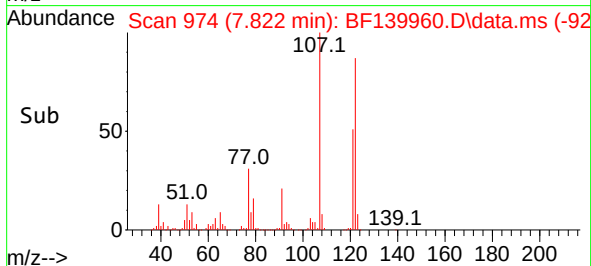


Tgt Ion:122 Resp: 42592
Ion Ratio Lower Upper
122 100
107 114.3 91.9 137.9
121 58.3 46.2 69.4

Manual Integrations

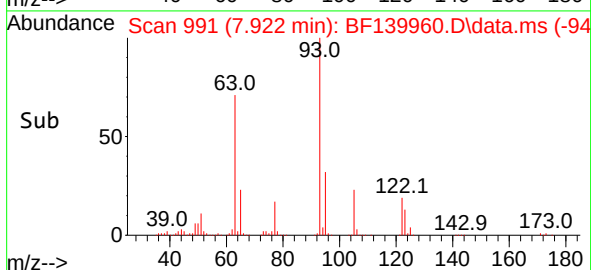
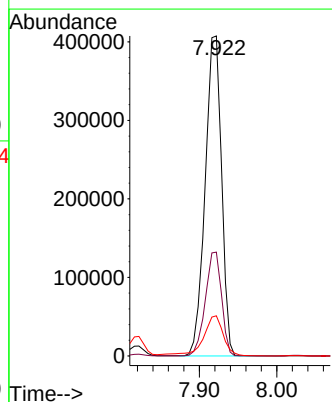
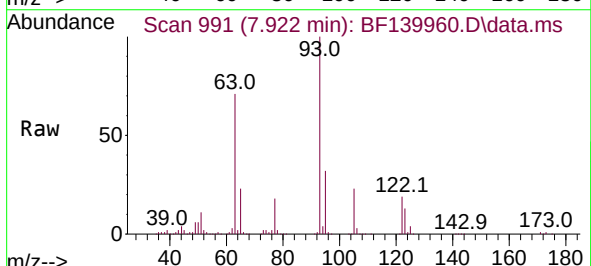
APPROVED

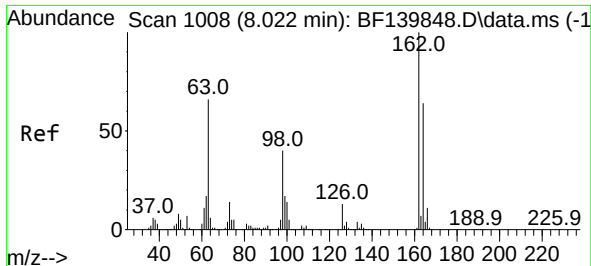
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.273 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion: 93 Resp: 599138
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 12.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 49.864 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

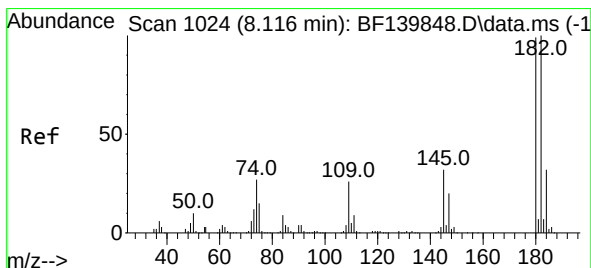
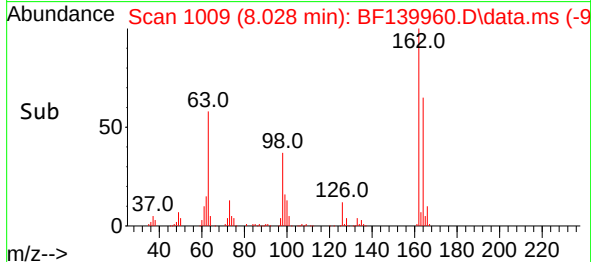
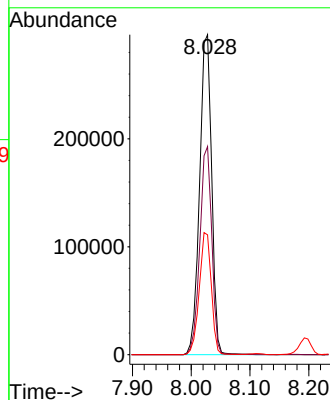
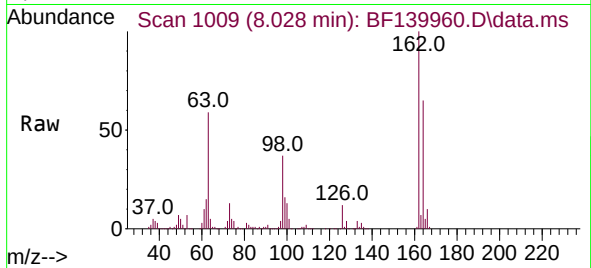
Tgt Ion:162 Resp: 422780
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.9 83.9
 98 37.4 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.579 ng

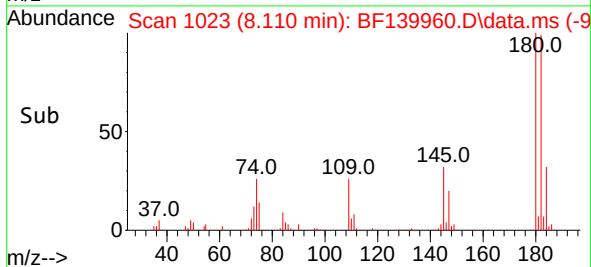
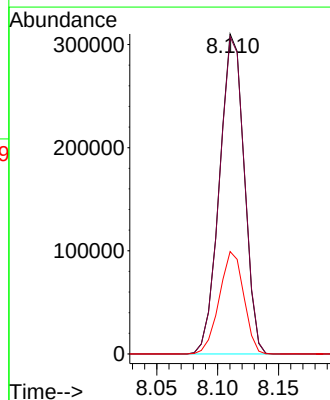
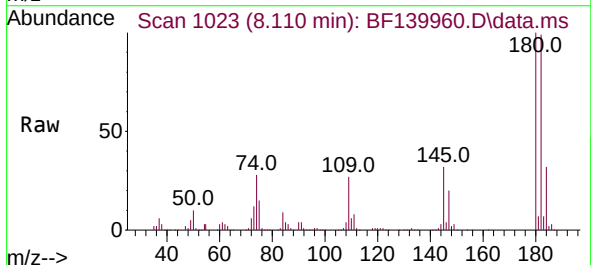
RT: 8.110 min Scan# 1023

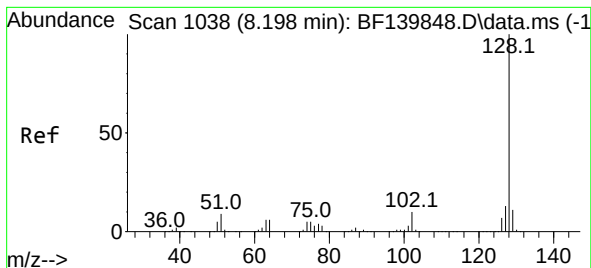
Delta R.T. -0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion:180 Resp: 437000
 Ion Ratio Lower Upper
 180 100
 182 99.2 80.5 120.7
 145 32.0 25.4 38.0





#31

Naphthalene

Concen: 46.906 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

Tgt Ion:128 Resp: 144710

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

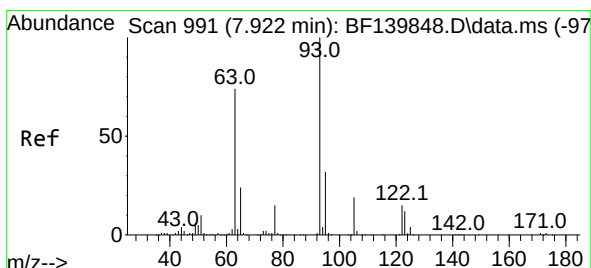
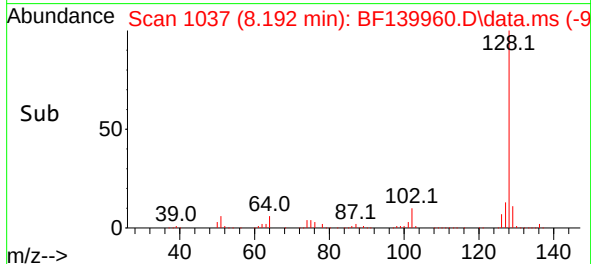
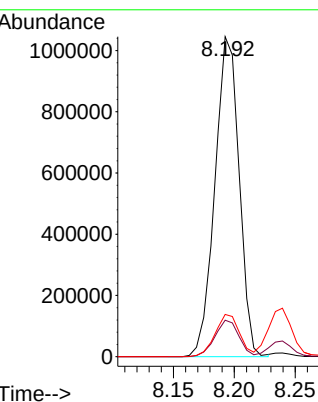
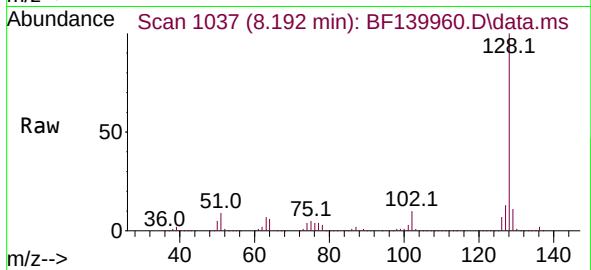
127 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#32

Benzoic acid

Concen: 51.114 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.012 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

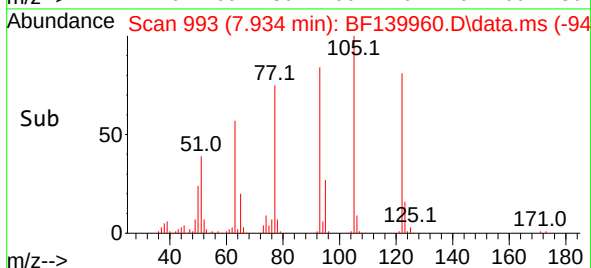
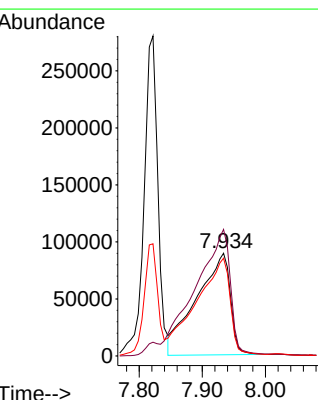
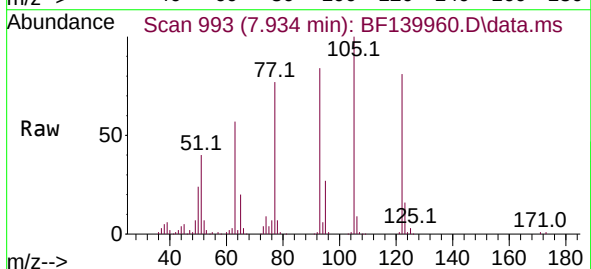
Tgt Ion:122 Resp: 331855

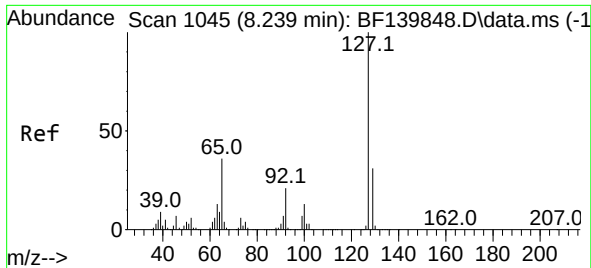
Ion Ratio Lower Upper

122 100

105 123.3 107.6 147.6

77 95.2 80.2 120.2





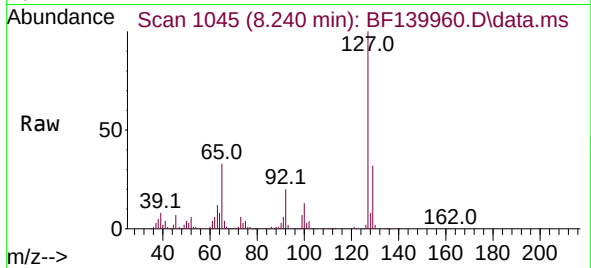
#33
4-Chloroaniline
Concen: 21.542 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



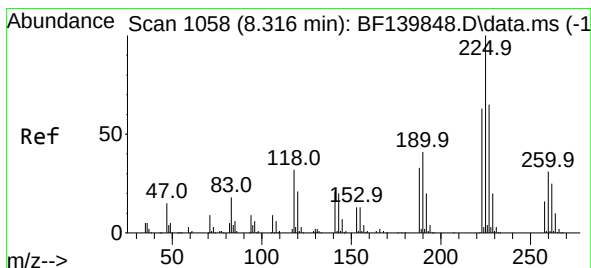
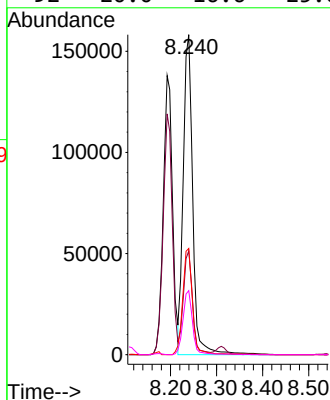
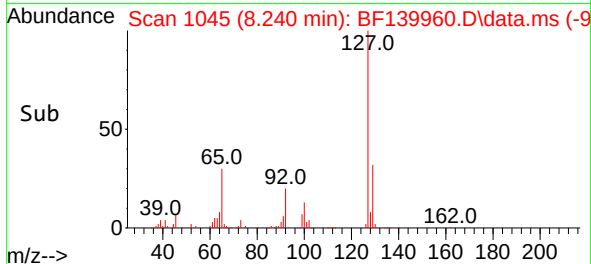
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	33.2	28.4	42.6
92	20.0	16.6	25.0

Manual Integrations

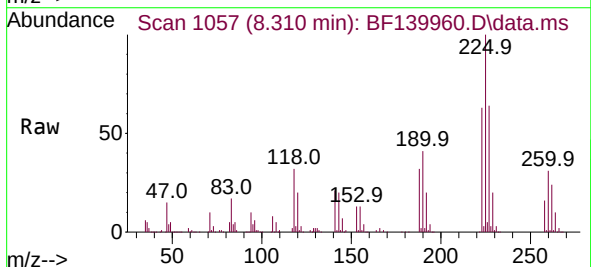
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

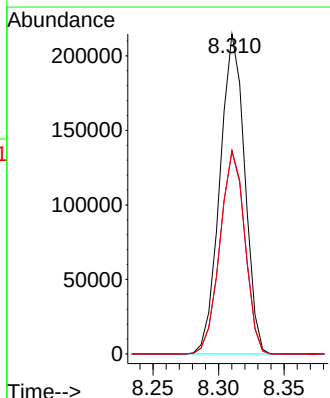
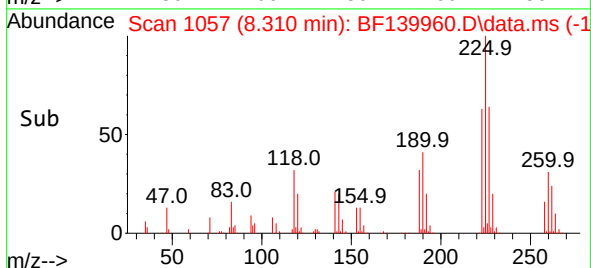
Supervised By :mohammad ahmed 10/25/2024

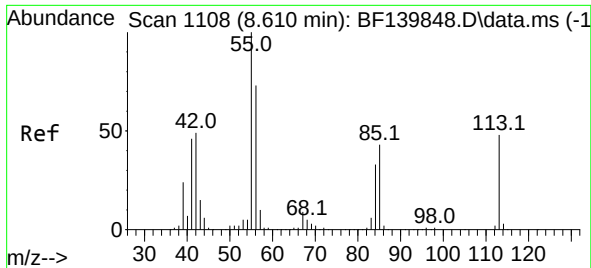


#34
Hexachlorobutadiene
Concen: 47.894 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



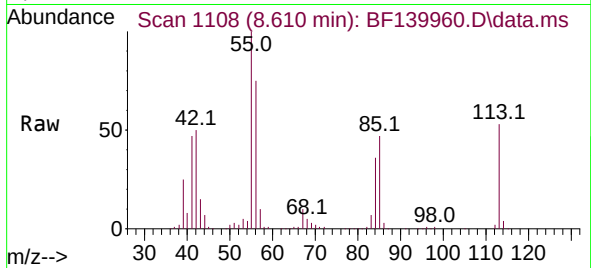
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.7	51.8	77.8





#35
Caprolactam
Concen: 49.501 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

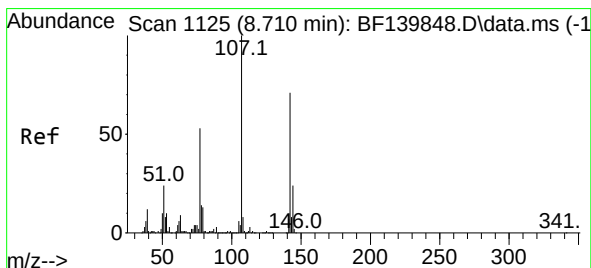
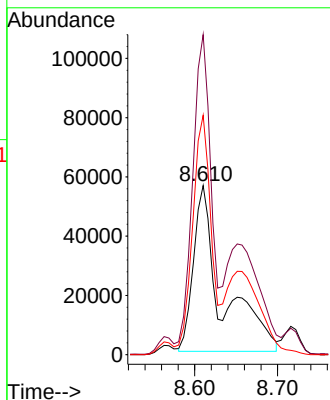
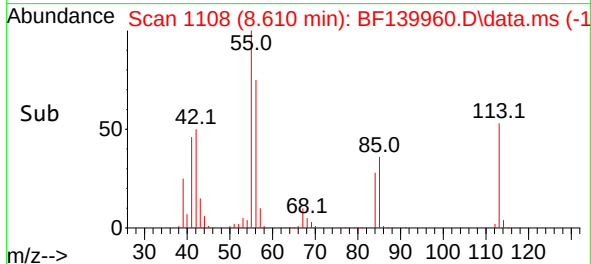
Instrument :
BNA_F
ClientSampleId :
PB164154BS



Tgt Ion:113 Resp: 13345
Ion Ratio Lower Upper
113 100
55 189.3 189.2 229.2
56 141.6 132.5 172.5

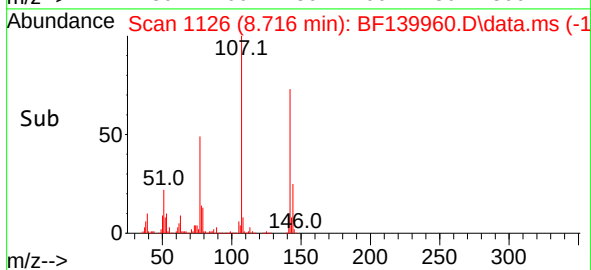
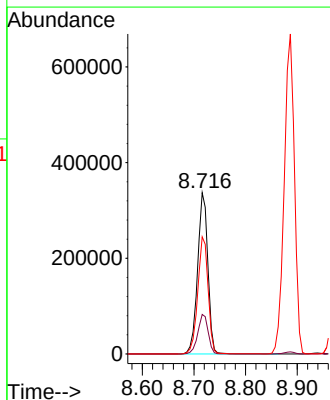
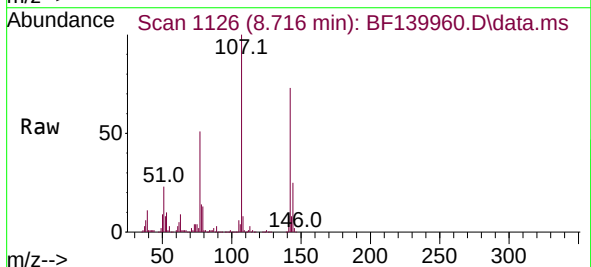
Manual Integrations
APPROVED

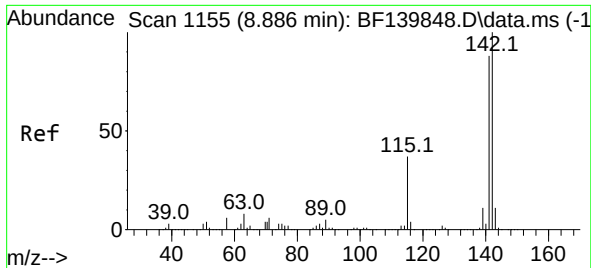
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#36
4-Chloro-3-methylphenol
Concen: 49.528 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:107 Resp: 464991
Ion Ratio Lower Upper
107 100
144 24.5 19.1 28.7
142 72.7 57.2 85.8





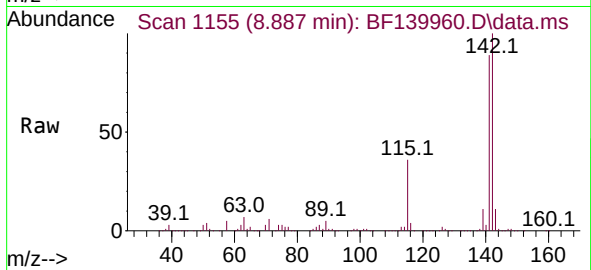
#37
2-Methylnaphthalene
Concen: 48.601 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



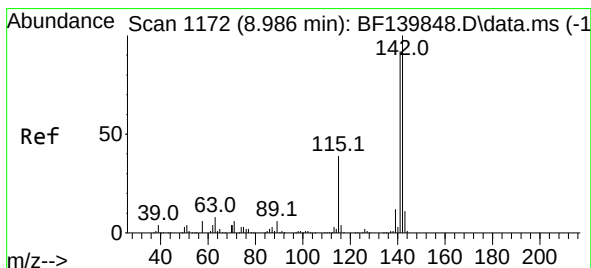
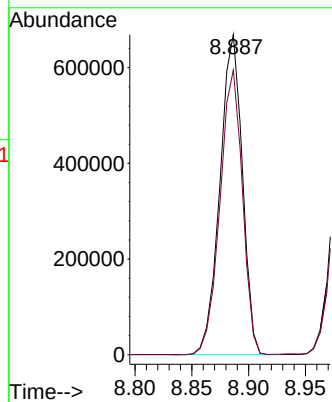
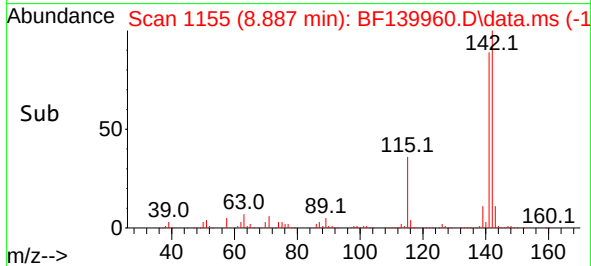
Tgt Ion:142 Resp: 918290
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2

Manual Integrations

APPROVED

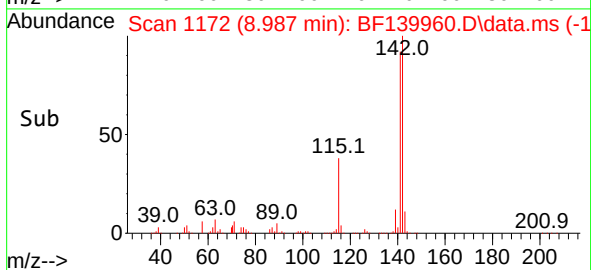
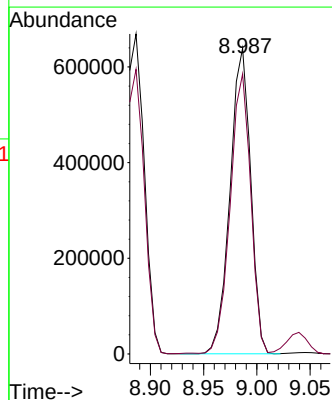
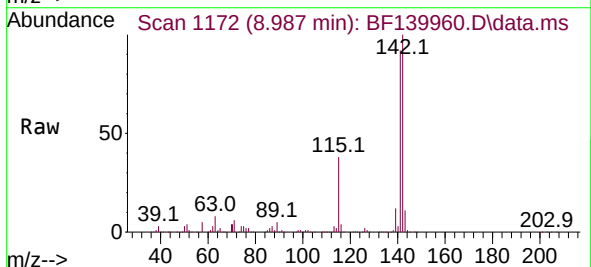
Reviewed By :Yogesh Patel 10/24/2024

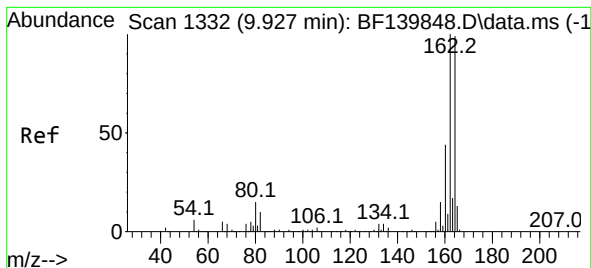
Supervised By :mohammad ahmed 10/25/2024



#38
1-Methylnaphthalene
Concen: 46.505 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:142 Resp: 862092
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF139960.D

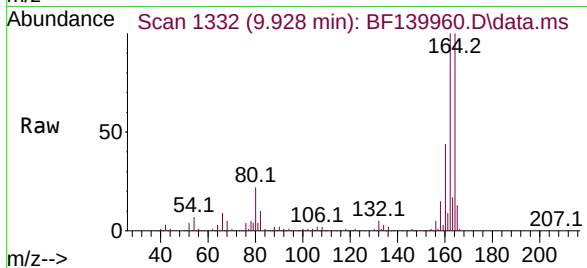
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



Tgt Ion:164 Resp: 33742

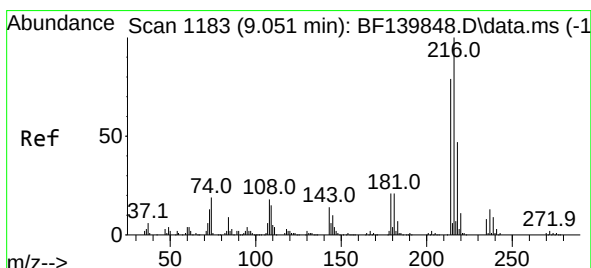
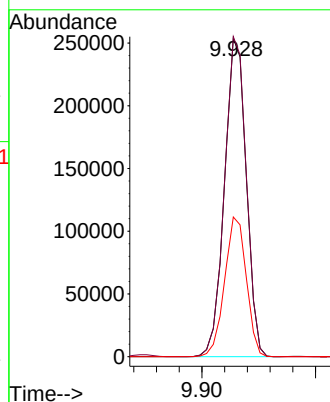
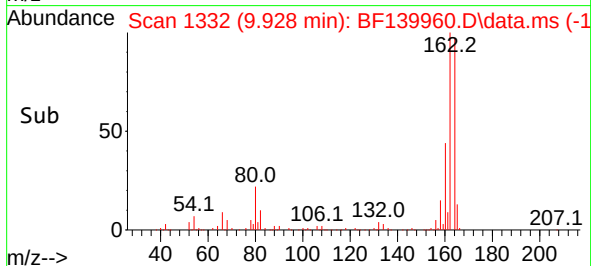
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.4
160	43.8	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.360 ng

RT: 9.051 min Scan# 1183

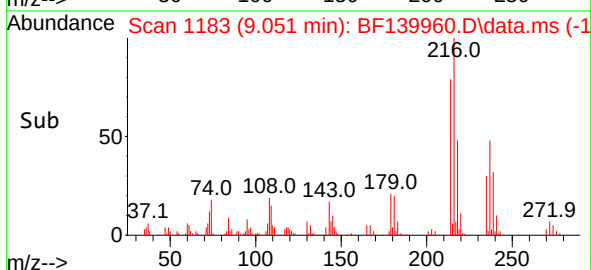
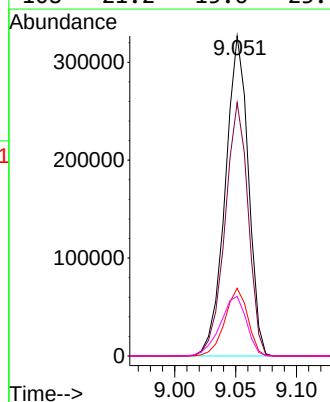
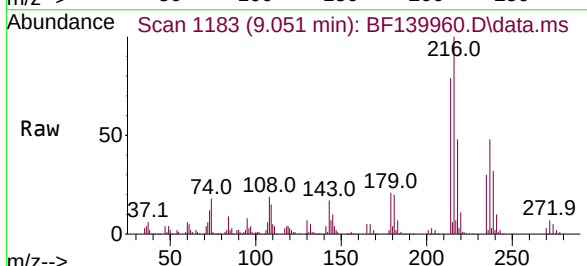
Delta R.T. 0.000 min

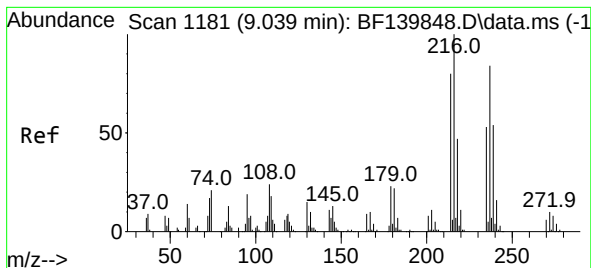
Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion:216 Resp: 431129

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	21.0	17.2	25.8
108	21.2	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 179.072 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

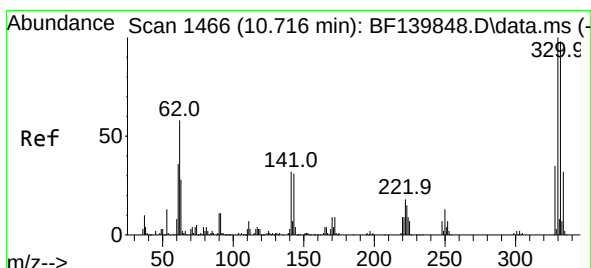
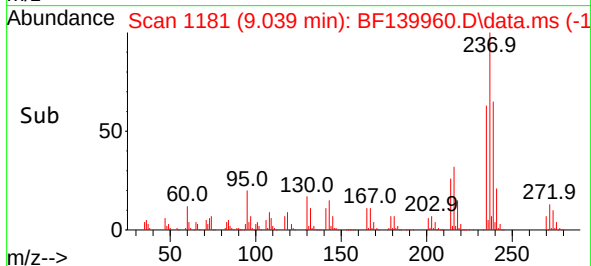
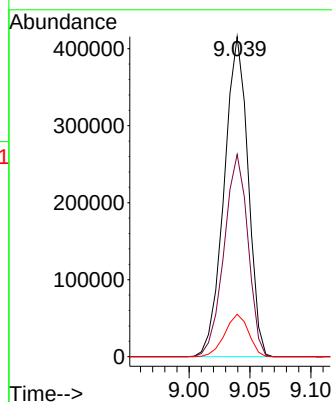
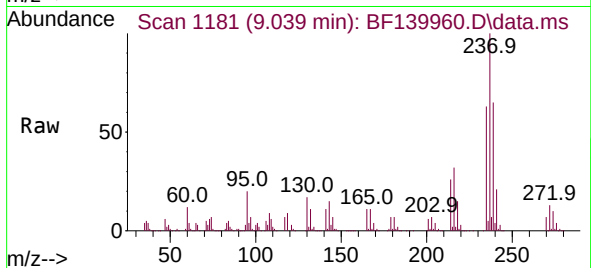
Tgt Ion:237	Resp: 56720
Ion Ratio	Lower Upper
237 100	
235 63.2	42.9 82.9
272 13.3	0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#42

2,4,6-Tribromophenol

Concen: 159.261 ng

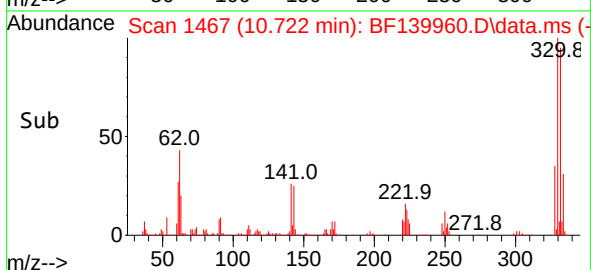
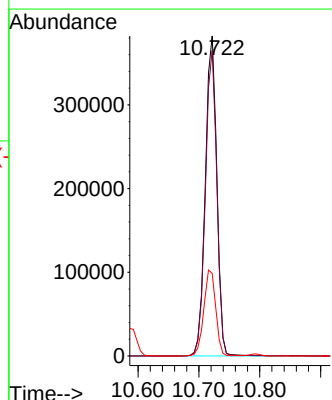
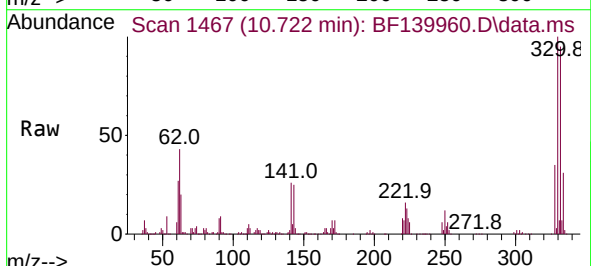
RT: 10.722 min Scan# 1467

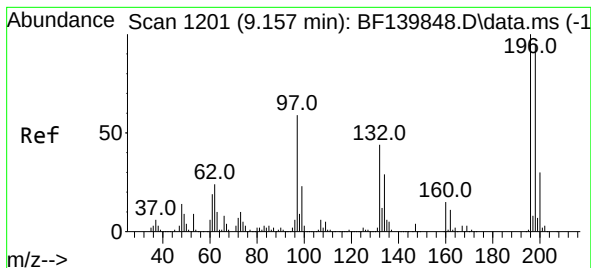
Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion:330	Resp: 502653
Ion Ratio	Lower Upper
330 100	
332 95.1	78.1 117.1
141 27.8	26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 52.168 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139960.D

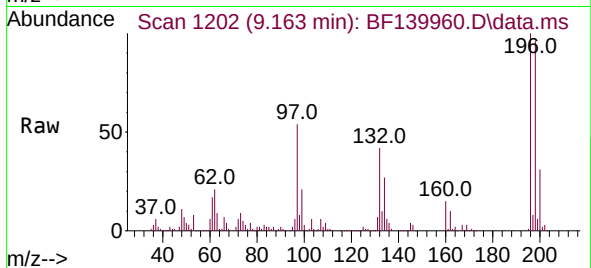
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



Tgt Ion:196 Resp: 336220

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

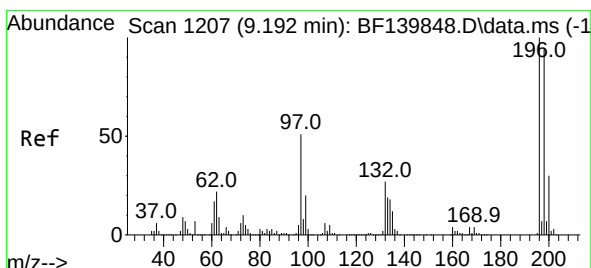
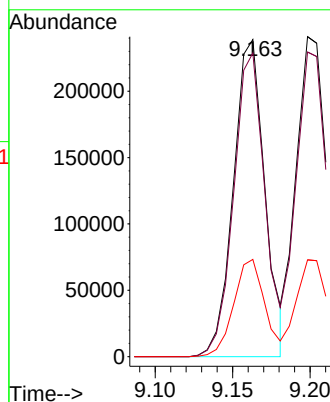
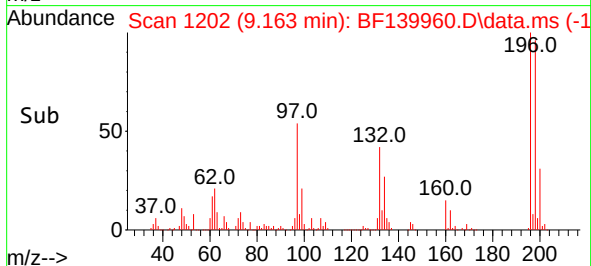
200 30.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#44

2,4,5-Trichlorophenol

Concen: 49.686 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion:196 Resp: 330382

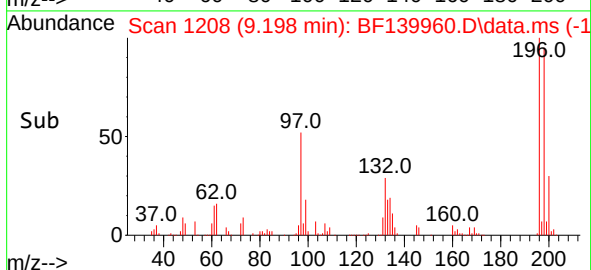
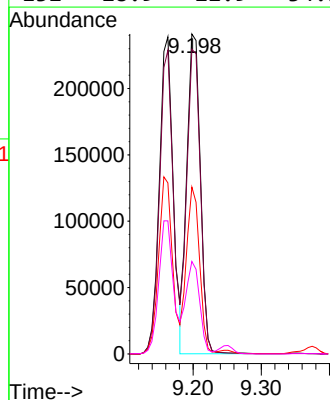
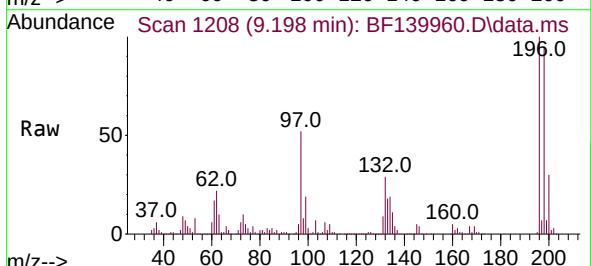
Ion Ratio Lower Upper

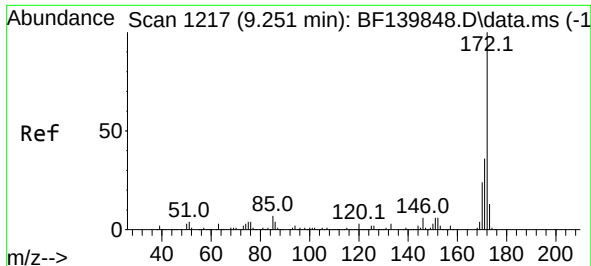
196 100

198 95.2 75.8 113.6

97 52.1 41.8 62.6

132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 93.316 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

Tgt Ion:172 Resp: 1905194

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

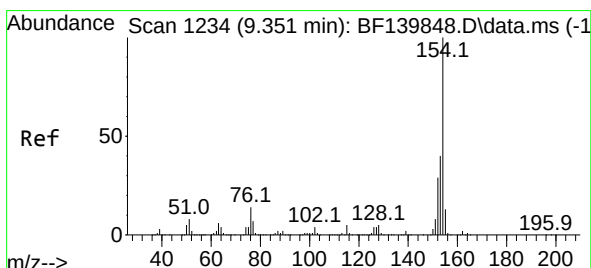
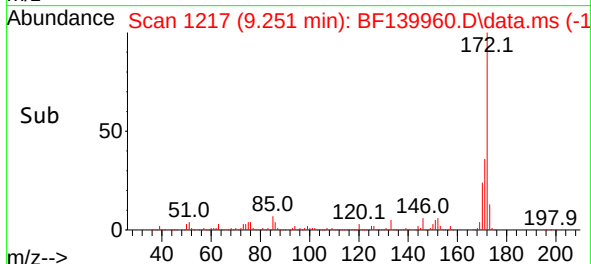
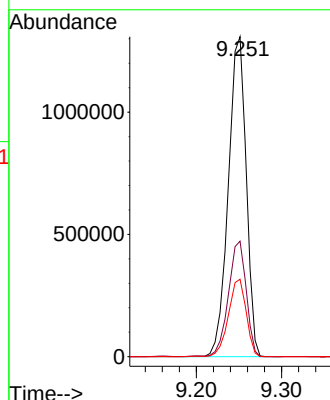
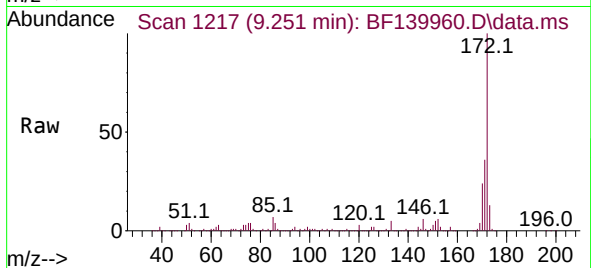
170 24.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#46

1,1'-Biphenyl

Concen: 47.474 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

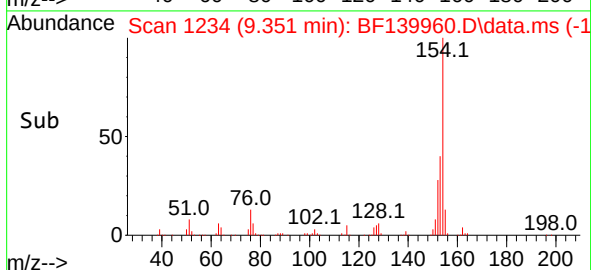
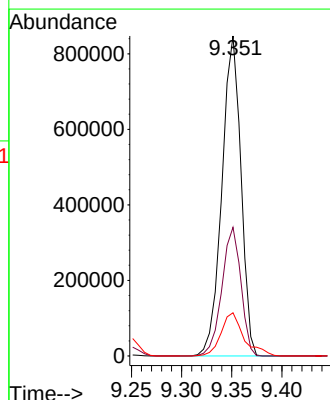
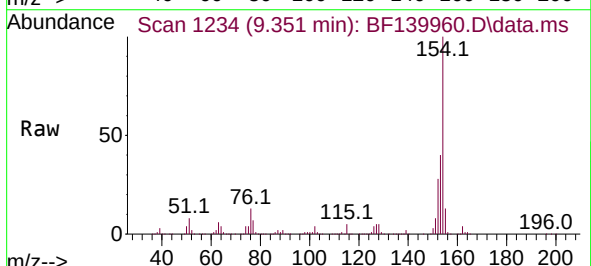
Tgt Ion:154 Resp: 1115152

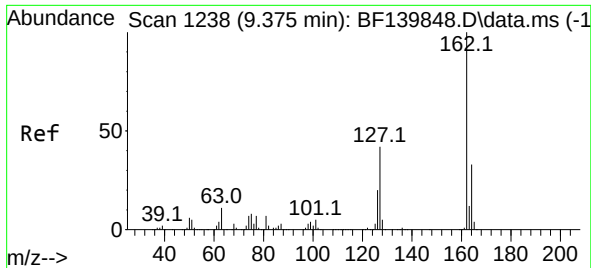
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.508 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139960.D

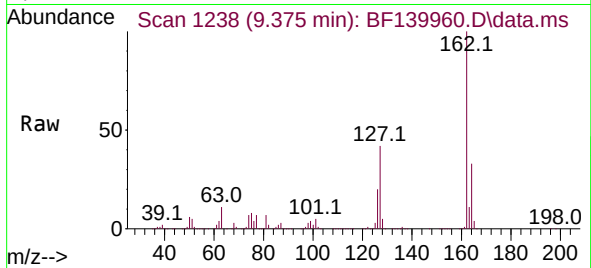
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



Tgt Ion:162 Resp: 879879

Ion Ratio Lower Upper

162 100

127 42.1 33.8 50.6

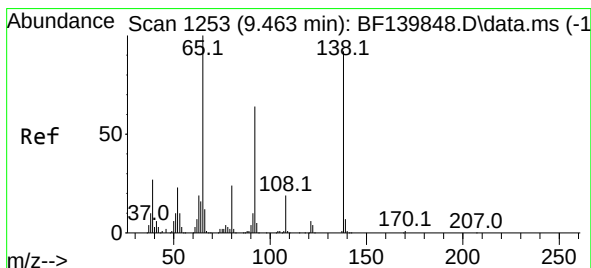
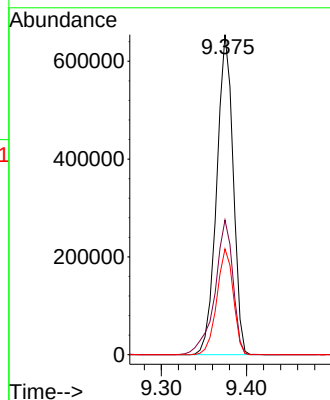
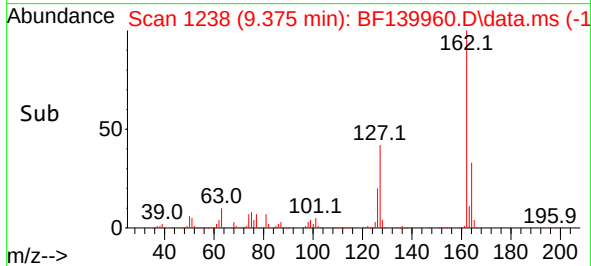
164 33.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#48

2-Nitroaniline

Concen: 53.982 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

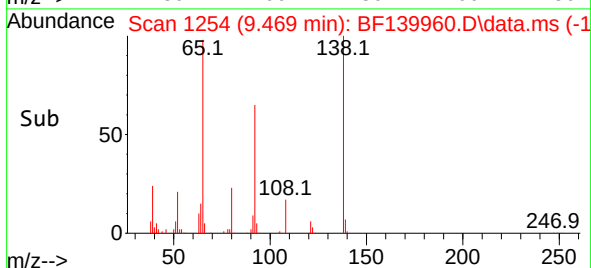
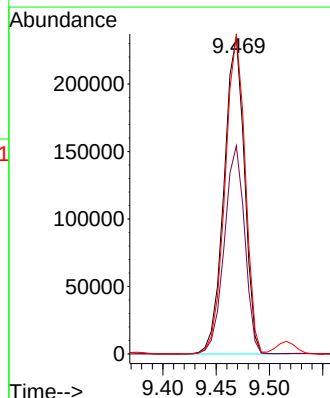
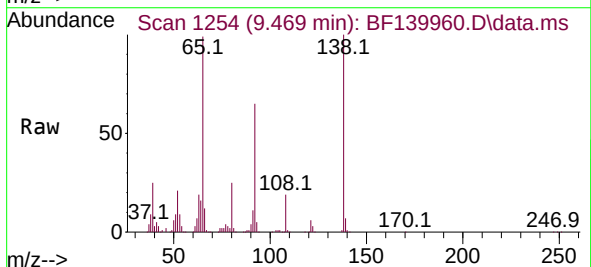
Tgt Ion: 65 Resp: 312352

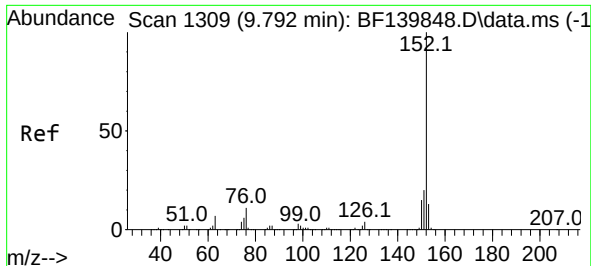
Ion Ratio Lower Upper

65 100

92 65.6 50.9 76.3

138 100.9 73.4 110.0





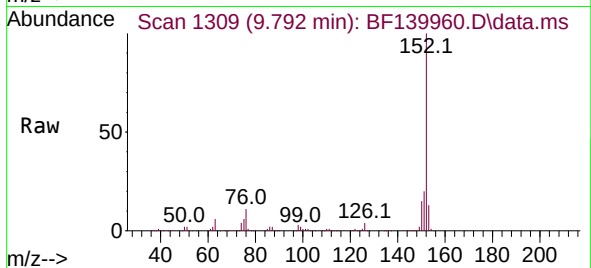
#49
Acenaphthylene
Concen: 50.915 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



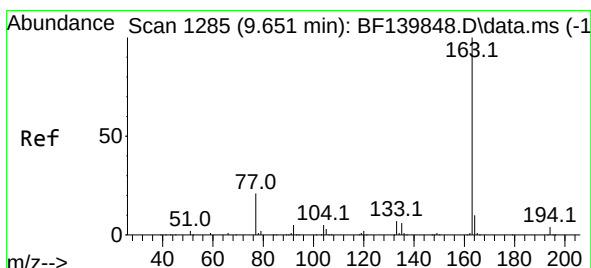
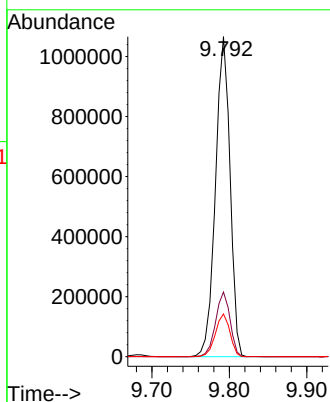
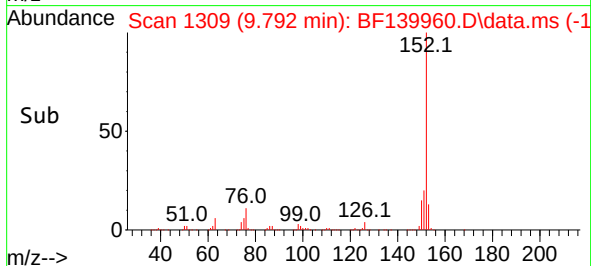
Tgt Ion:152 Resp: 1392570
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.7 16.1

Manual Integrations

APPROVED

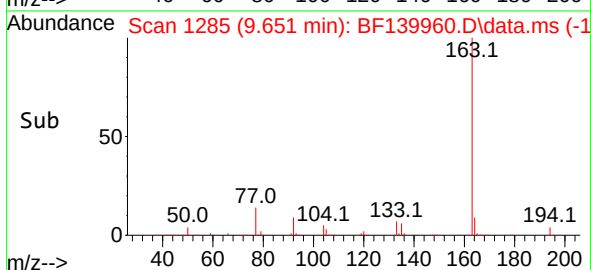
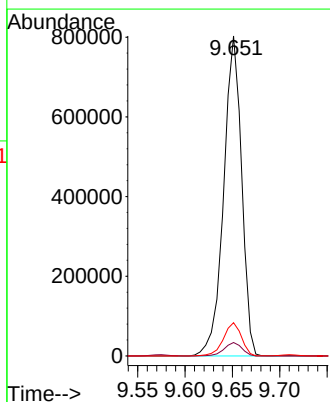
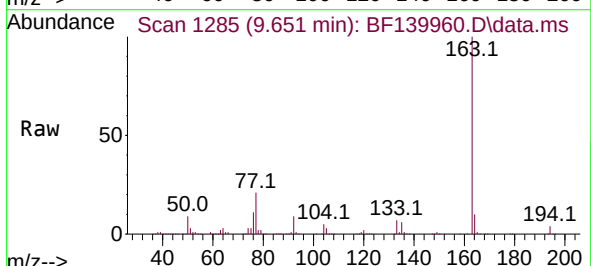
Reviewed By :Yogesh Patel 10/24/2024

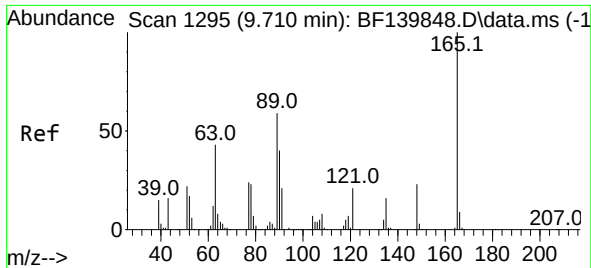
Supervised By :mohammad ahmed 10/25/2024



#50
Dimethylphthalate
Concen: 50.491 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:163 Resp: 1061203
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.362 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

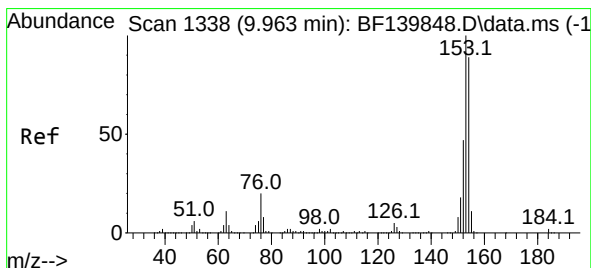
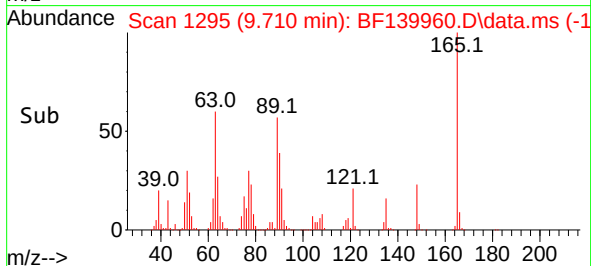
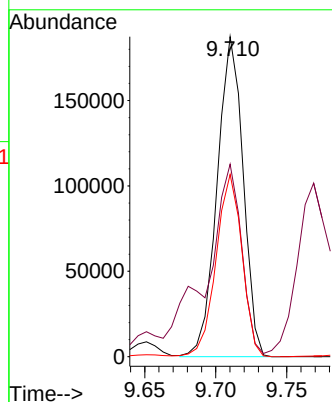
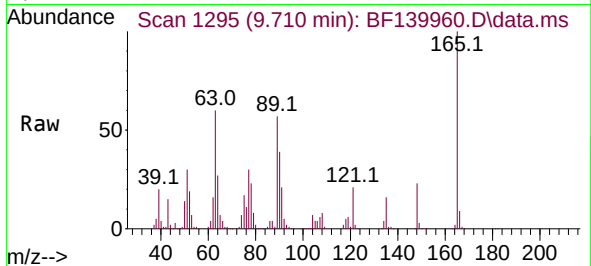
PB164154BS

Tgt Ion:165 Resp: 238284
Ion Ratio Lower Upper
165 100
63 60.2 50.6 75.8
89 57.0 47.5 71.3

Manual Integrations

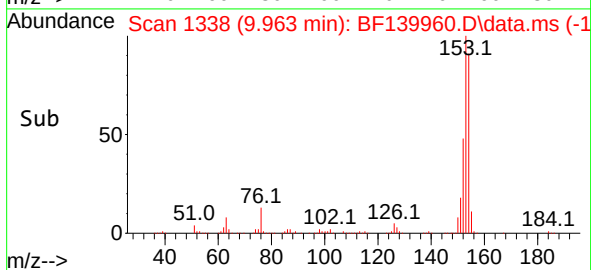
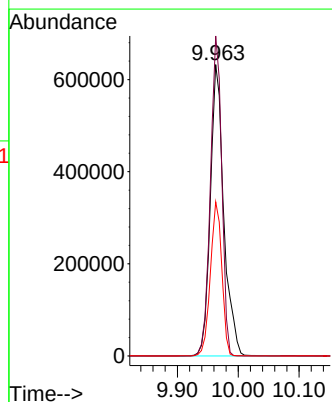
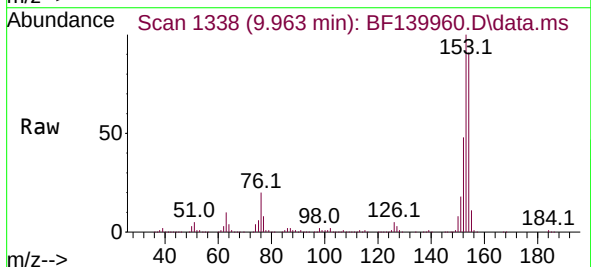
APPROVED

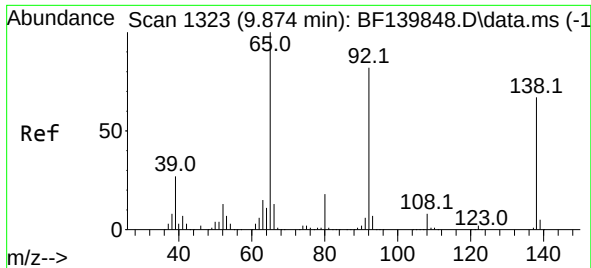
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#52
Acenaphthene
Concen: 55.078 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:154 Resp: 974519
Ion Ratio Lower Upper
154 100
153 109.8 89.8 134.6
152 52.9 42.4 63.6





#53
3-Nitroaniline
Concen: 31.242 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

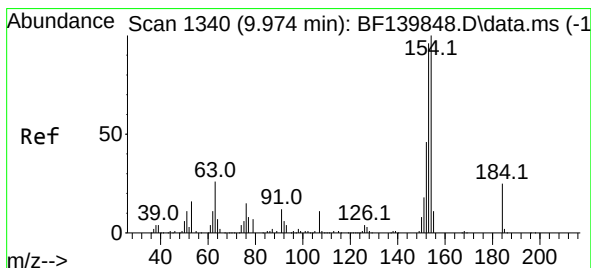
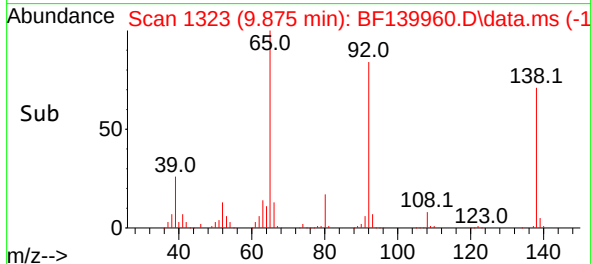
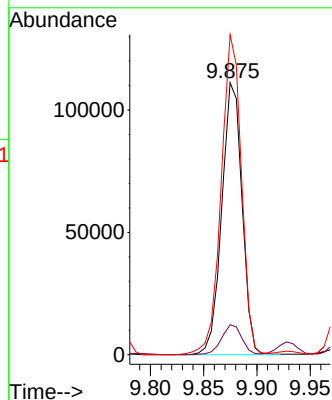
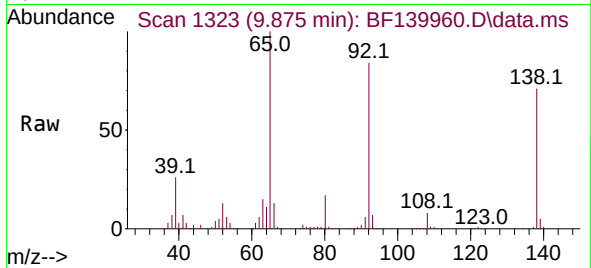
ClientSampleId :

PB164154BS

Tgt Ion:138 Resp: 14661
Ion Ratio Lower Upper
138 100
108 11.0 10.2 15.2
92 117.7 98.3 147.5

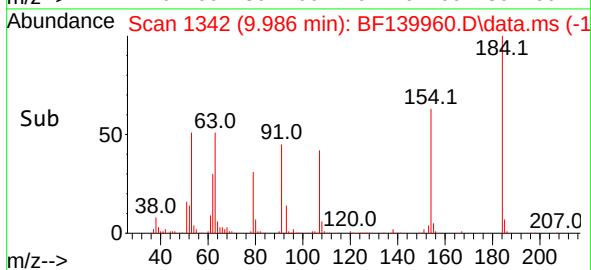
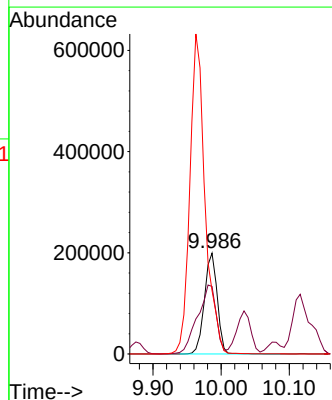
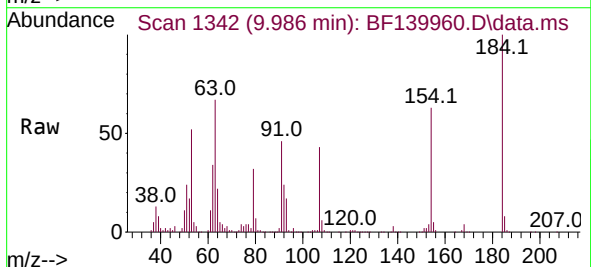
Manual Integrations
APPROVED

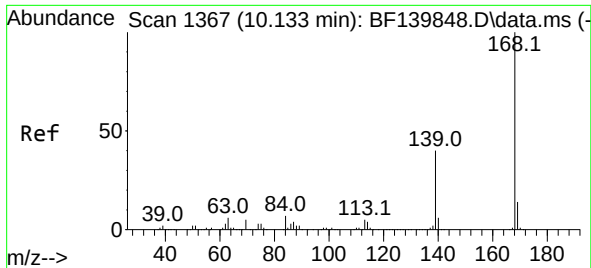
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#54
2,4-Dinitrophenol
Concen: 133.409 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

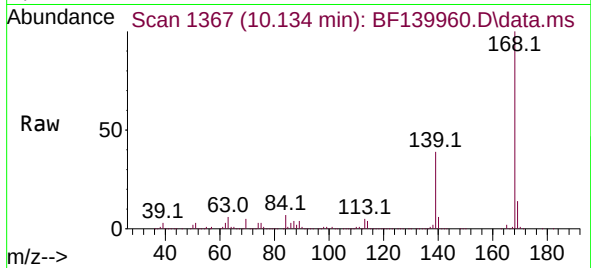
Tgt Ion:184 Resp: 261212
Ion Ratio Lower Upper
184 100
63 67.0 84.7 127.1#
154 62.9 338.2 507.2#





#55
Dibenzofuran
Concen: 48.227 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

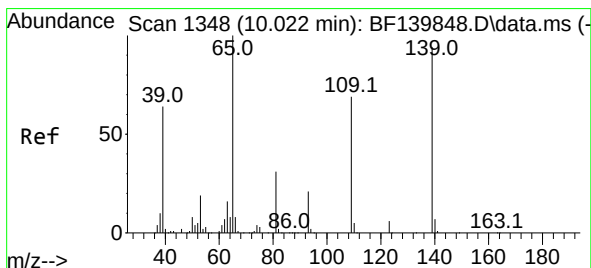
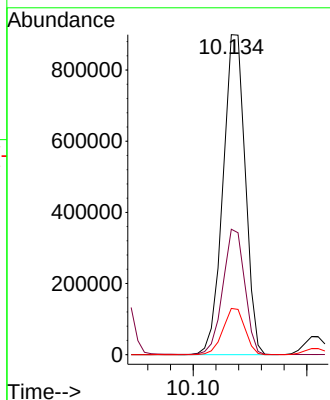
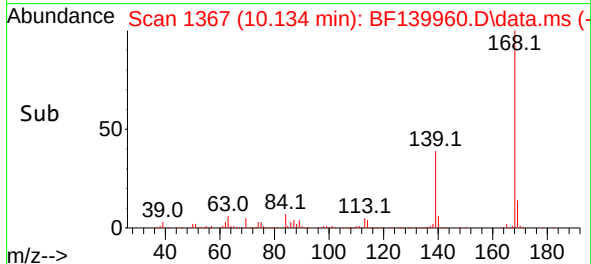
Instrument :
BNA_F
ClientSampleId :
PB164154BS



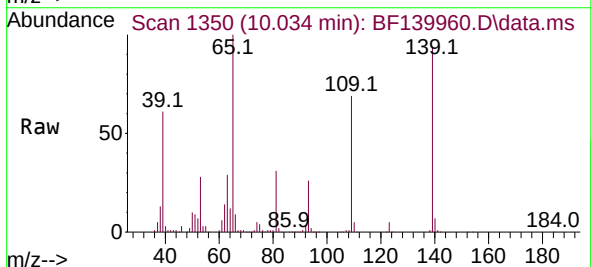
Tgt Ion:168 Resp: 122426
Ion Ratio Lower Upper
168 100
139 39.2 31.8 47.6
169 14.4 11.6 17.4

Manual Integrations
APPROVED

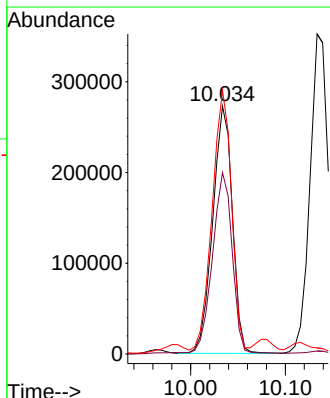
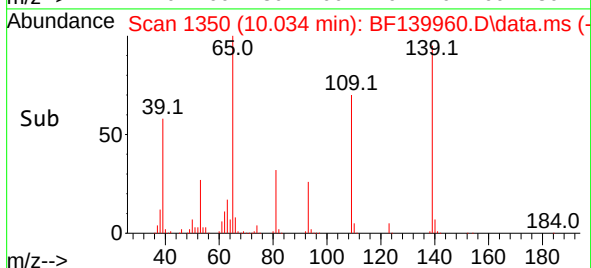
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

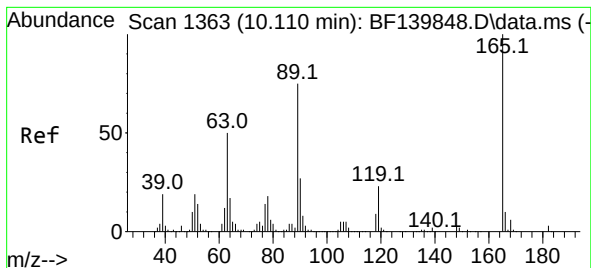


#56
4-Nitrophenol
Concen: 108.873 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:139 Resp: 393084
Ion Ratio Lower Upper
139 100
109 73.2 53.6 93.6
65 106.4 87.8 127.8





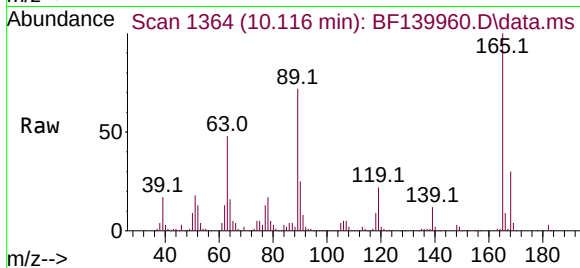
#57
2,4-Dinitrotoluene
Concen: 57.819 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

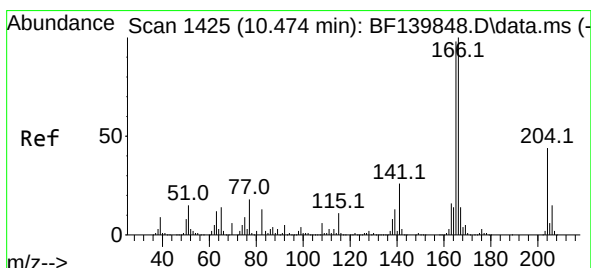
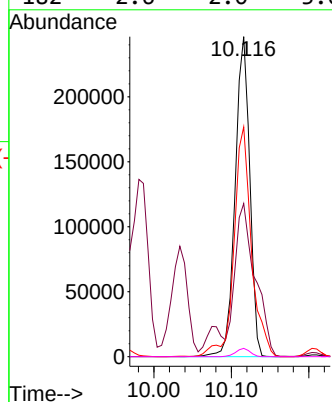
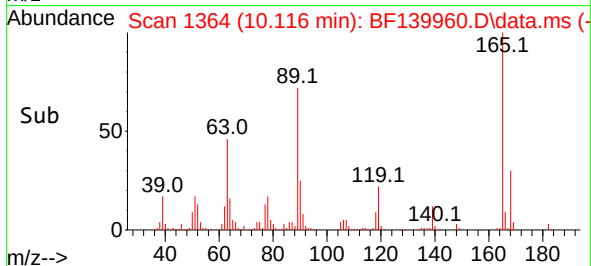


Tgt Ion:165 Resp: 323562
Ion Ratio Lower Upper
165 100
63 47.9 40.1 60.1
89 71.8 60.4 90.6
182 2.6 2.0 3.0

Manual Integrations

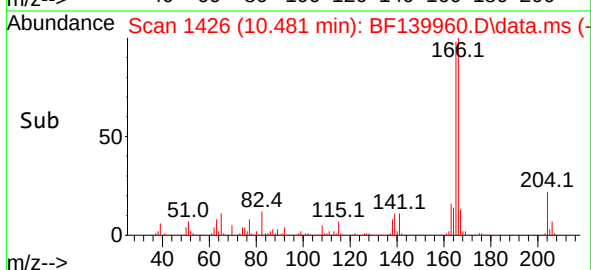
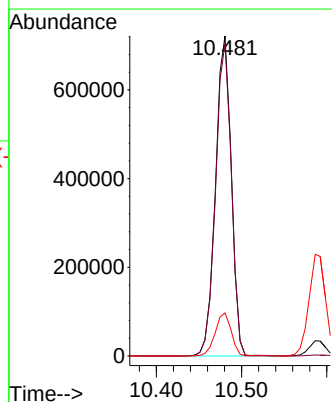
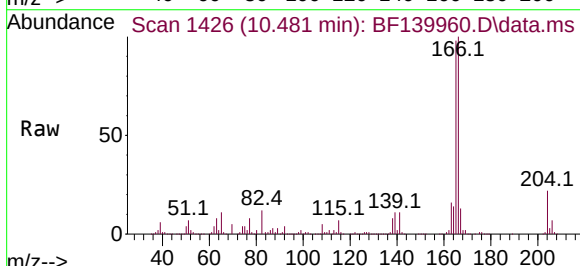
APPROVED

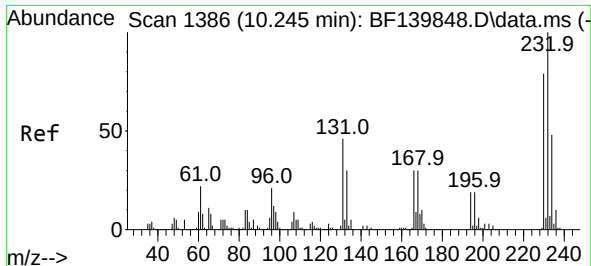
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#58
Fluorene
Concen: 48.073 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

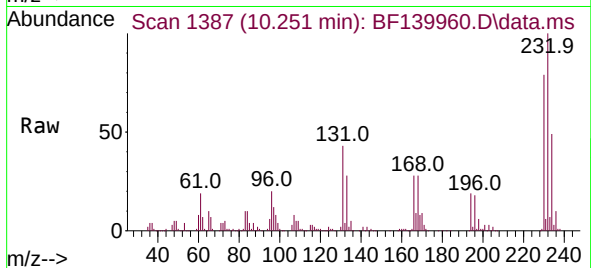
Tgt Ion:166 Resp: 929505
Ion Ratio Lower Upper
166 100
165 97.7 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.788 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

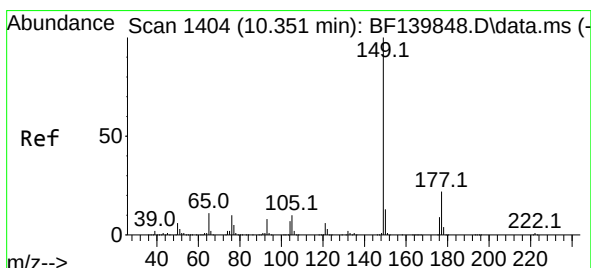
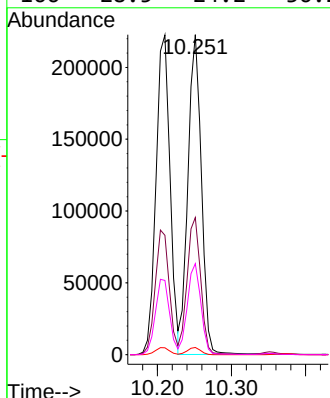
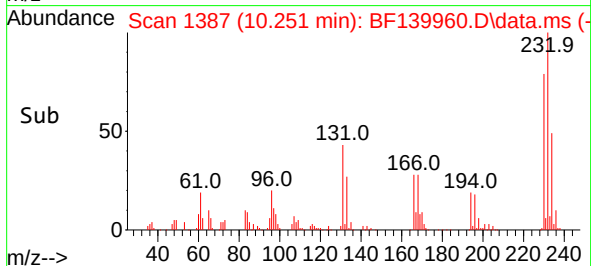
Instrument :
BNA_F
ClientSampleId :
PB164154BS



Tgt Ion:232 Resp: 280379
Ion Ratio Lower Upper
232 100
131 43.4 37.0 55.6
130 2.2 1.9 2.9
166 28.5 24.2 36.2

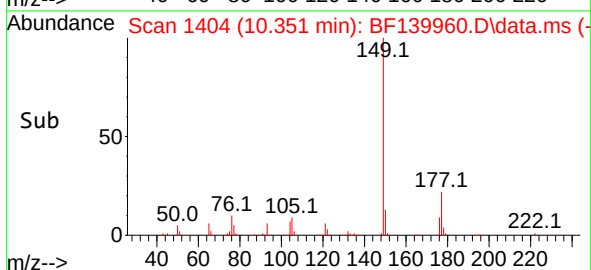
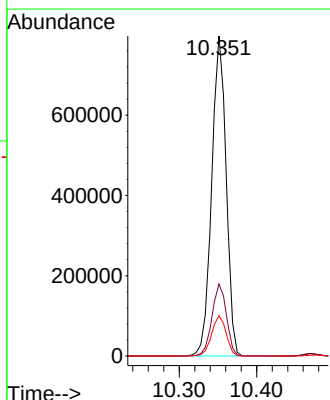
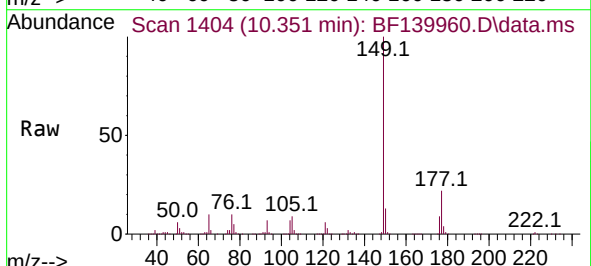
Manual Integrations
APPROVED

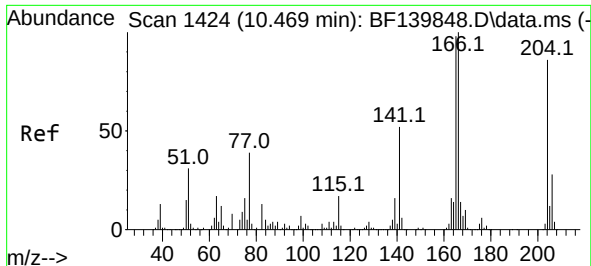
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#60
Diethylphthalate
Concen: 49.945 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

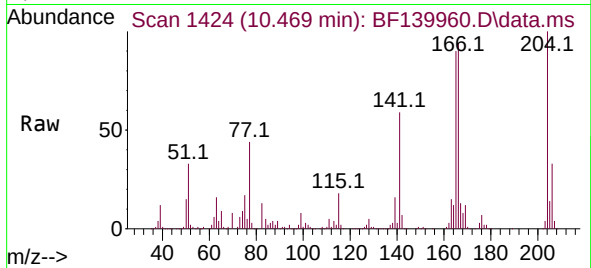
Tgt Ion:149 Resp: 1030661
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.378 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

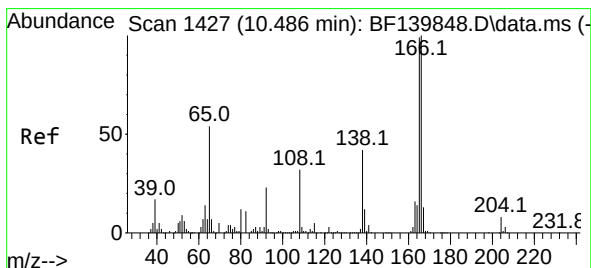
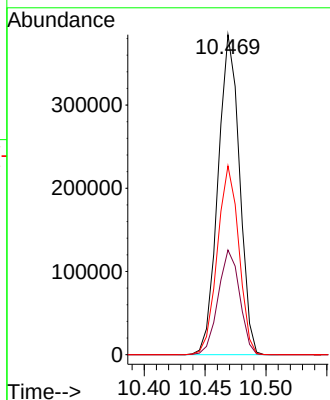
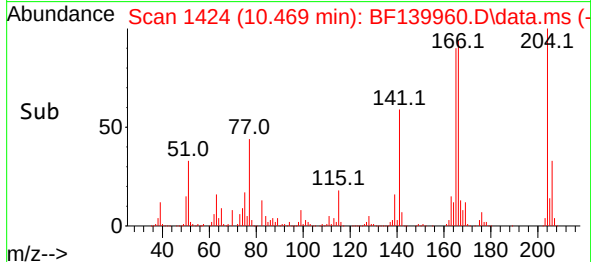
Instrument :
BNA_F
ClientSampleId :
PB164154BS



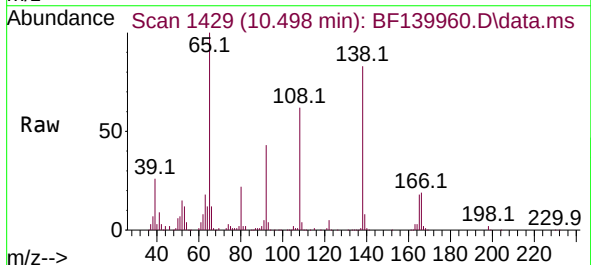
Tgt Ion:204 Resp: 47238
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.0 48.6 73.0

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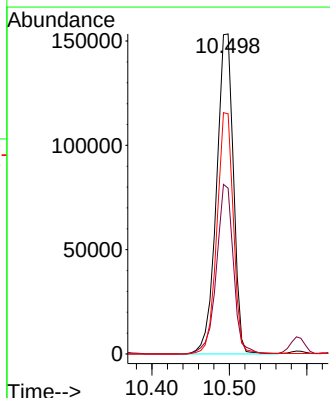
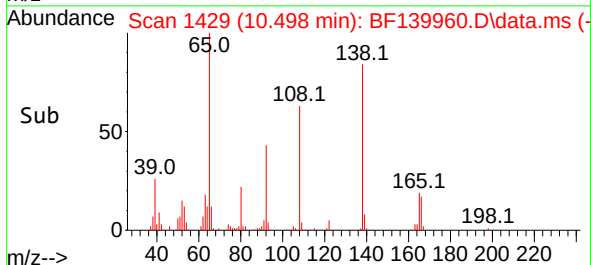
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

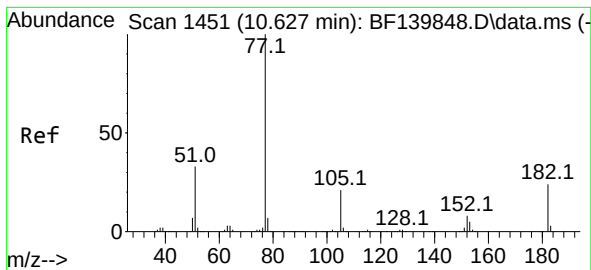


#62
4-Nitroaniline
Concen: 52.589 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:138 Resp: 233090
Ion Ratio Lower Upper
138 100
92 51.8 35.7 75.7
108 75.0 57.5 97.5





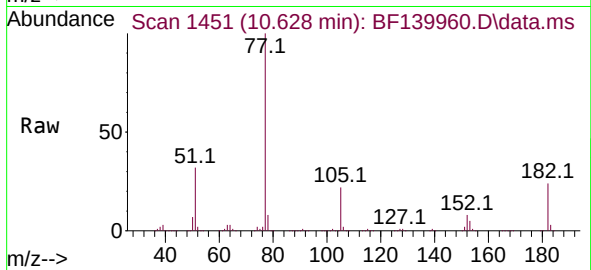
#63
Azobenzene
Concen: 47.914 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



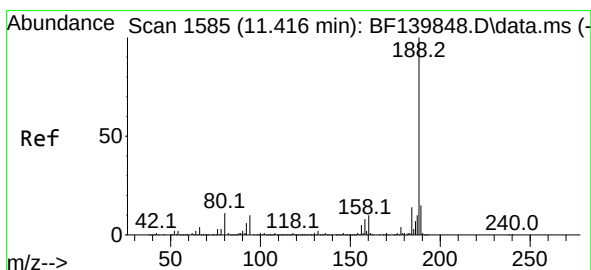
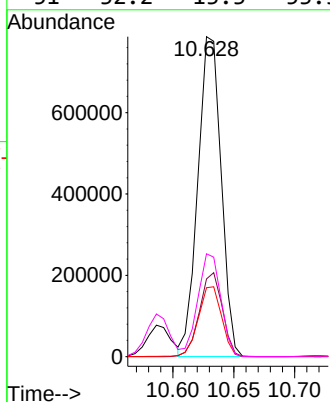
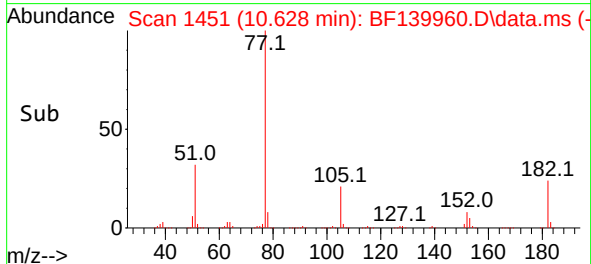
Tgt Ion: 77 Resp: 104824
Ion Ratio Lower Upper
77 100
182 24.3 3.3 43.3
105 21.6 1.2 41.2
51 32.2 13.3 53.3

Manual Integrations

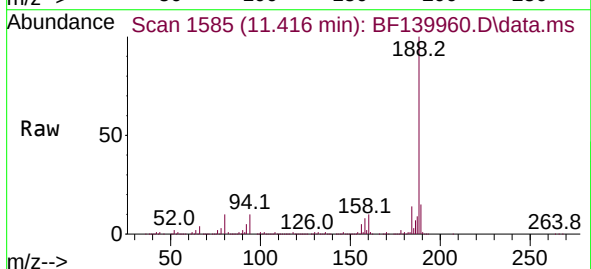
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

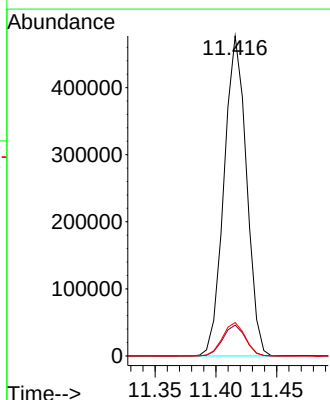
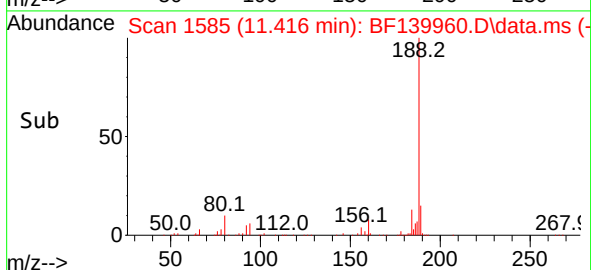
Supervised By :mohammad ahmed 10/25/2024

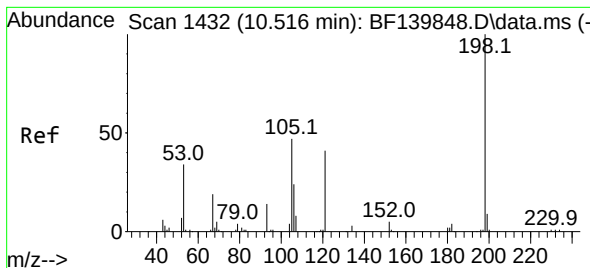


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:188 Resp: 611801
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.5 9.0 13.4





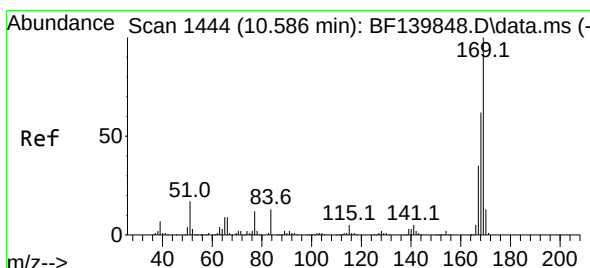
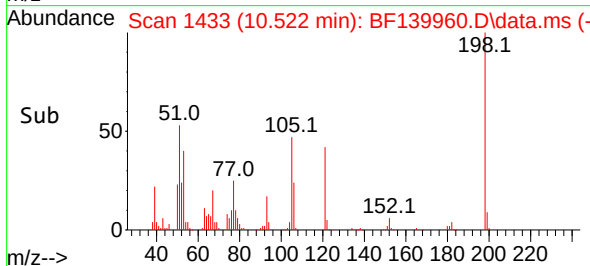
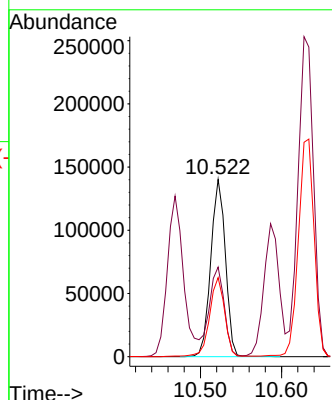
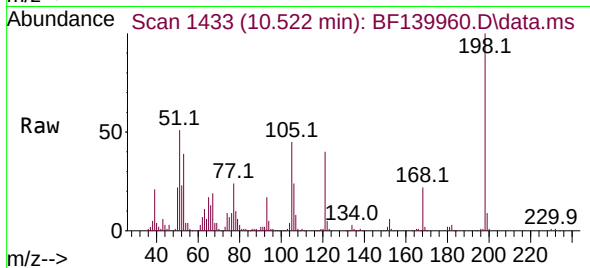
#65
4,6-Dinitro-2-methylphenol
Concen: 70.150 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion:198 Resp: 175060
Ion Ratio Lower Upper
198 100
51 50.6 38.2 78.2
105 44.5 27.9 67.9

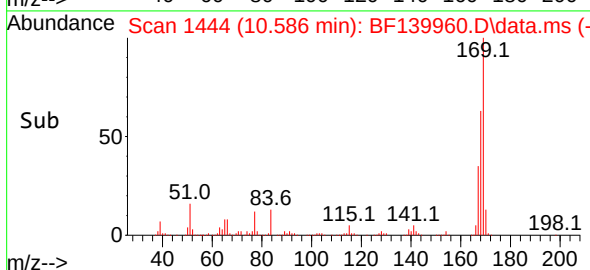
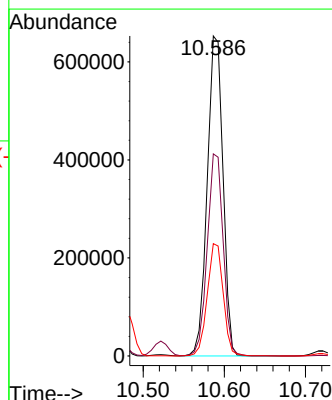
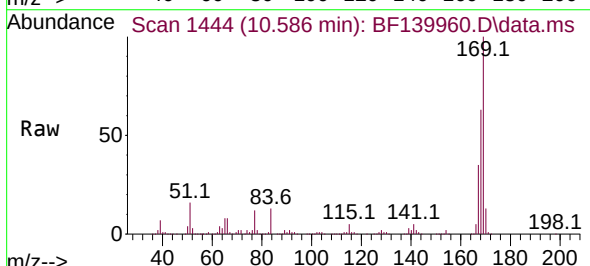
Manual Integrations
APPROVED

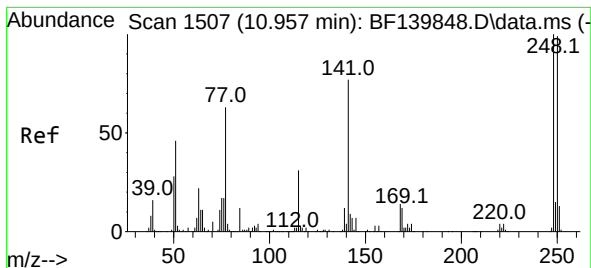
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#66
n-Nitrosodiphenylamine
Concen: 47.960 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

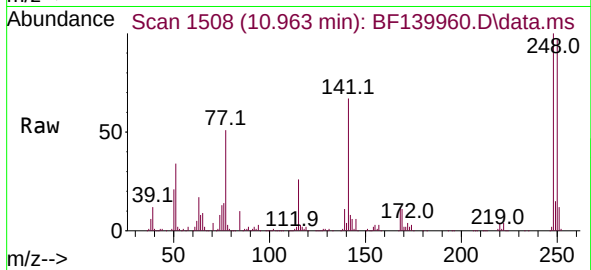
Tgt Ion:169 Resp: 878190
Ion Ratio Lower Upper
169 100
168 63.1 49.8 74.6
167 35.1 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 49.870 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

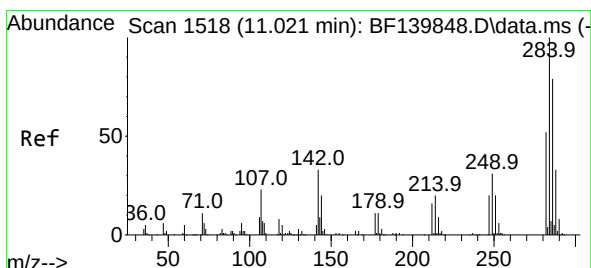
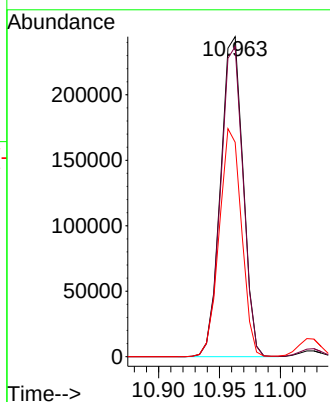
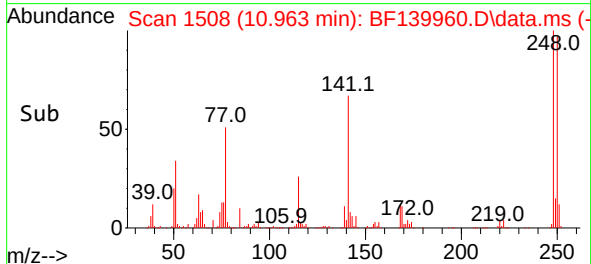
Instrument :
BNA_F
ClientSampleId :
PB164154BS



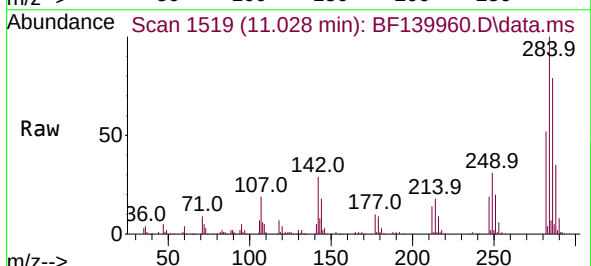
Tgt Ion:248 Resp: 31431
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.6
141 67.0 61.7 92.5

Manual Integrations
APPROVED

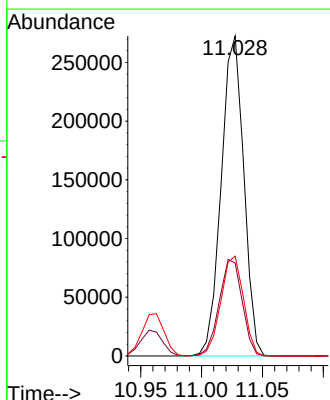
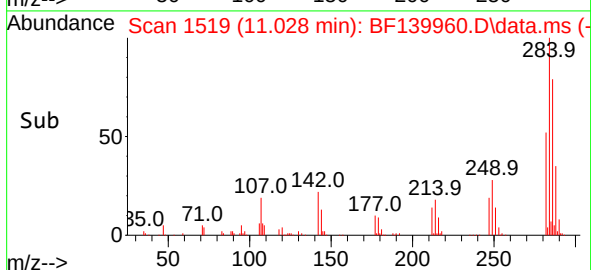
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

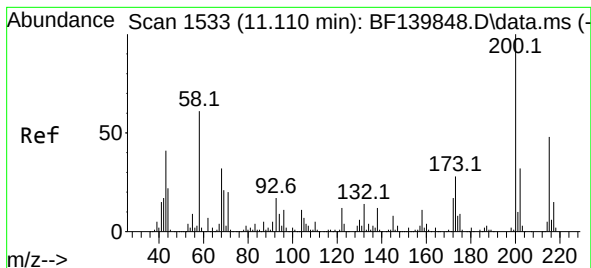


#68
Hexachlorobenzene
Concen: 49.564 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:284 Resp: 351330
Ion Ratio Lower Upper
284 100
142 29.1 26.9 40.3
249 31.2 25.3 37.9





#69

Atrazine

Concen: 58.136 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

Tgt Ion:200 Resp: 288364

Ion Ratio Lower Upper

200 100

173 26.6 7.7 47.7

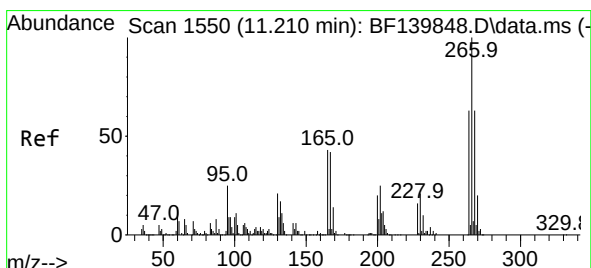
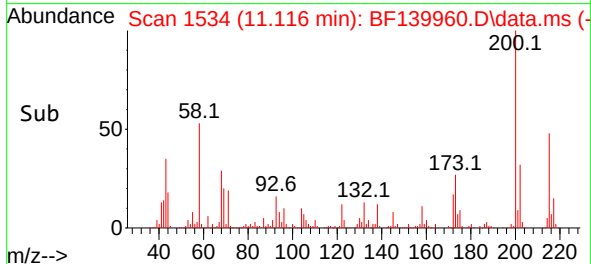
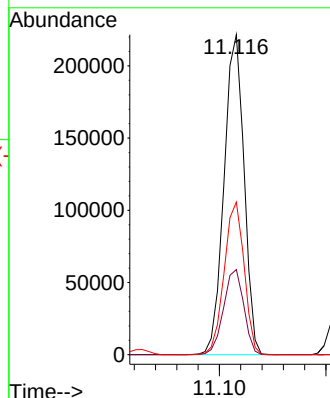
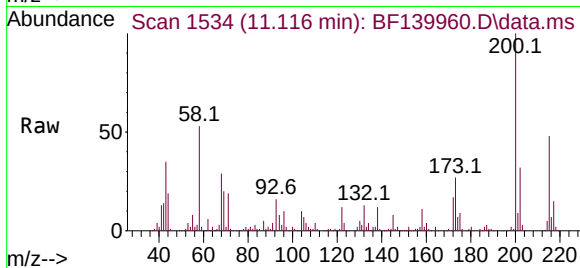
215 47.7 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#70

Pentachlorophenol

Concen: 99.928 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

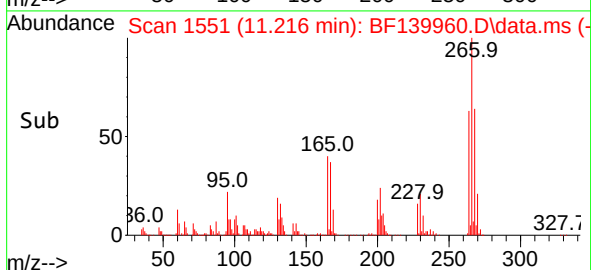
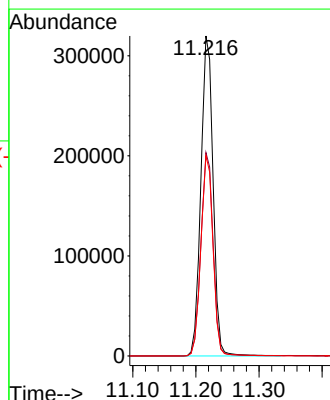
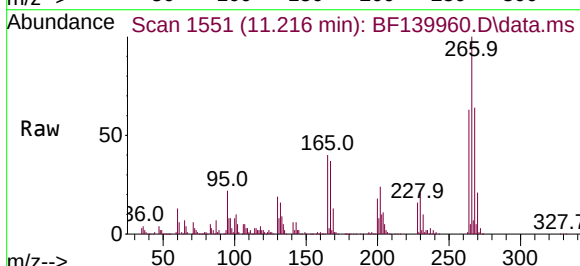
Tgt Ion:266 Resp: 429890

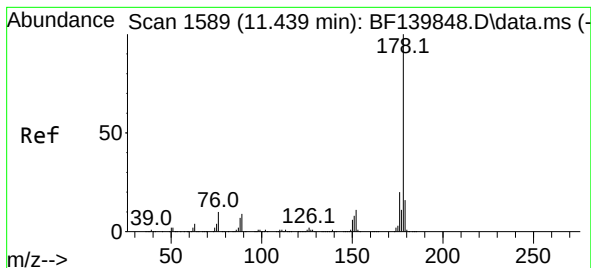
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 62.6 50.6 75.8





#71

Phenanthrene

Concen: 48.246 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

Tgt Ion:178 Resp: 139424

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

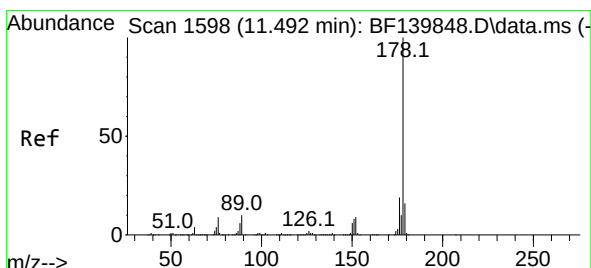
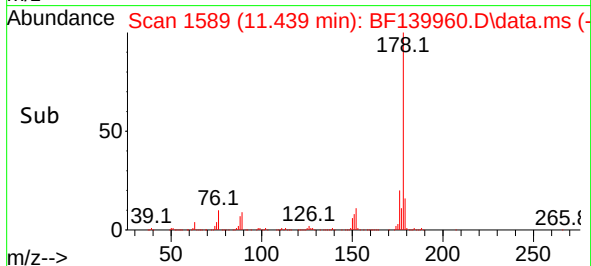
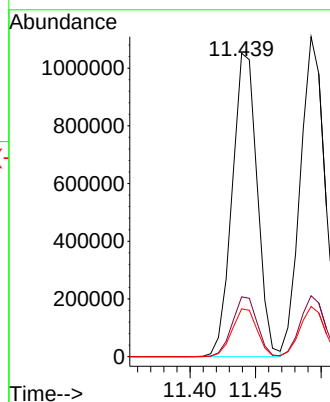
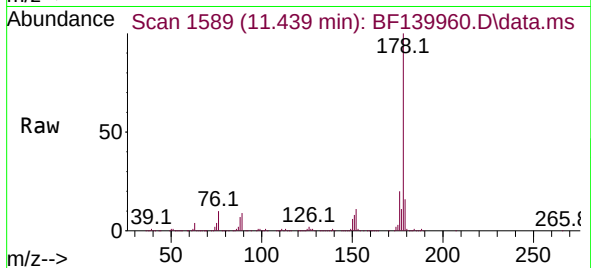
179 15.8 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#72

Anthracene

Concen: 50.343 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

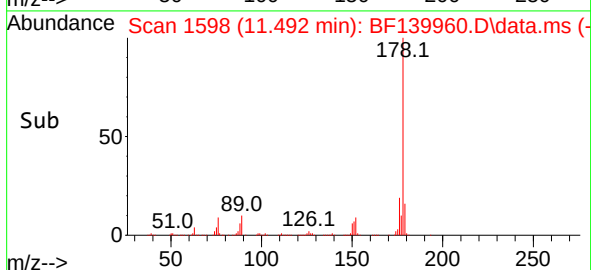
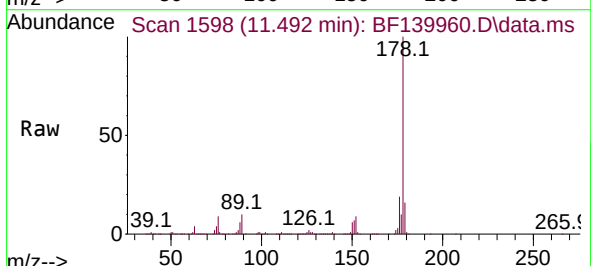
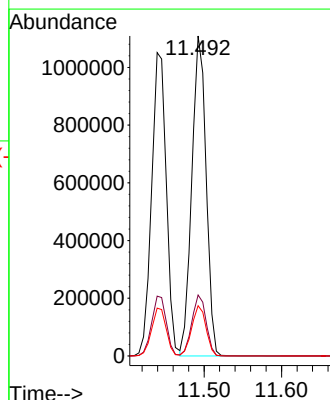
Tgt Ion:178 Resp: 1419494

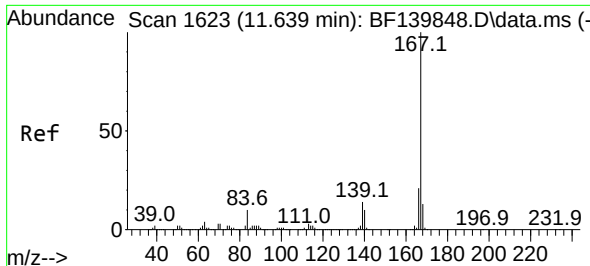
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

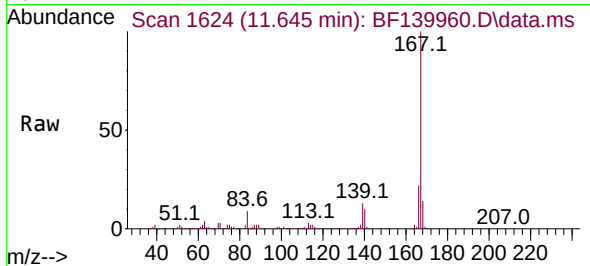
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 46.362 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF139960.D
 Acq: 23 Oct 2024 13:07

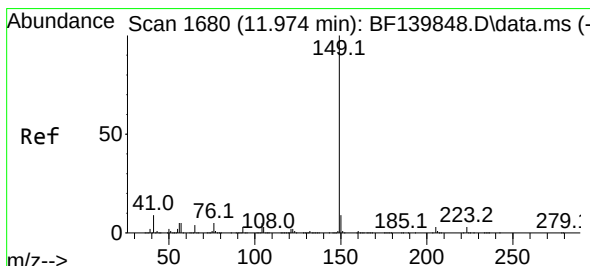
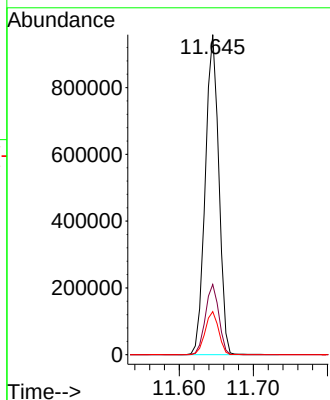
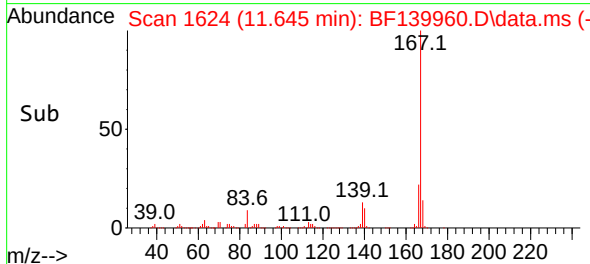
Instrument :
 BNA_F
 ClientSampleId :
 PB164154BS



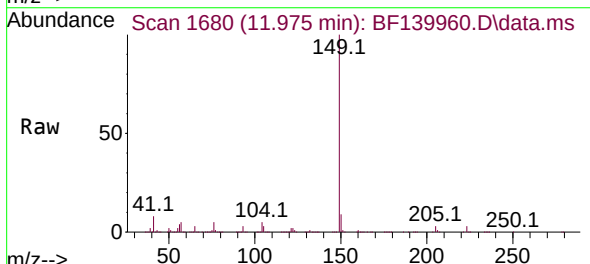
Tgt Ion:167 Resp: 121574
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.5 10.8 16.2

Manual Integrations
 APPROVED

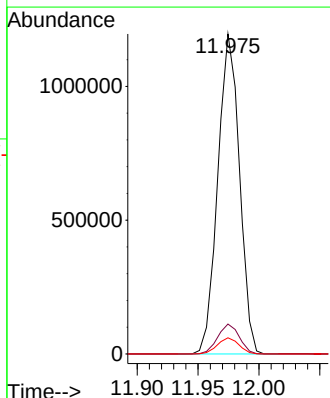
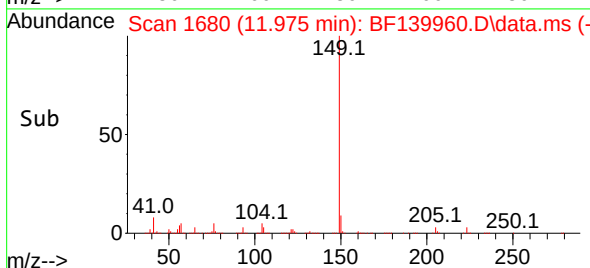
Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

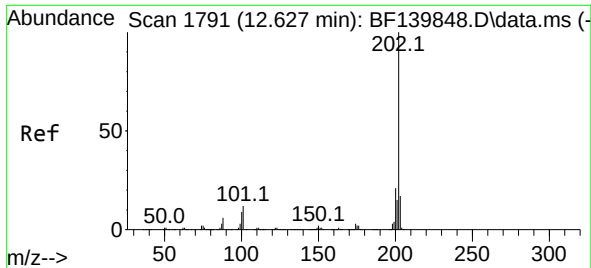


#74
 Di-n-butylphthalate
 Concen: 48.955 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139960.D
 Acq: 23 Oct 2024 13:07



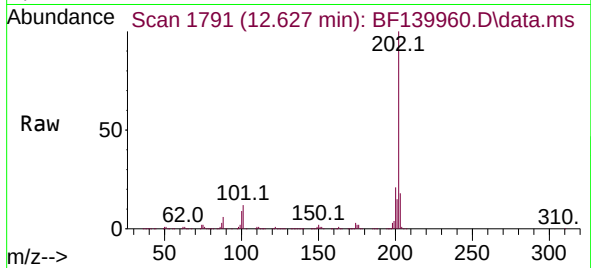
Tgt Ion:149 Resp: 1483161
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 47.157 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

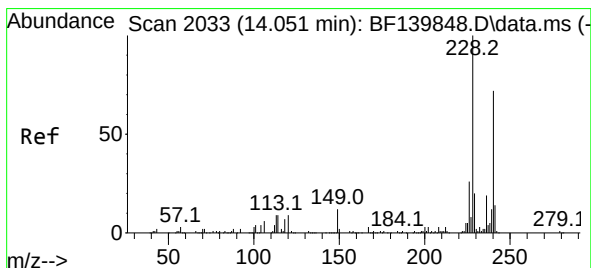
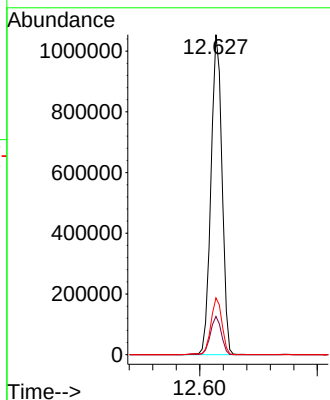
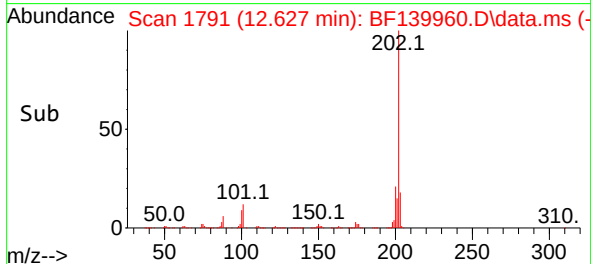
Instrument :
BNA_F
ClientSampleId :
PB164154BS



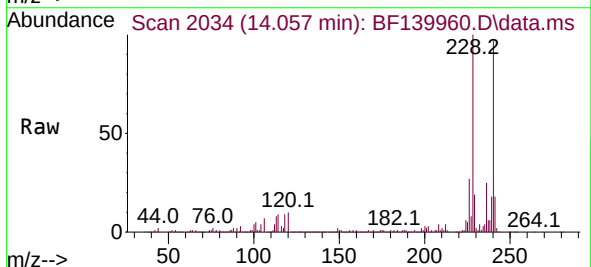
Tgt Ion:202 Resp: 1377658
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.9
203 17.8 0.0 37.5

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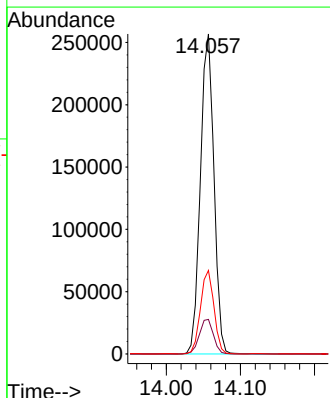
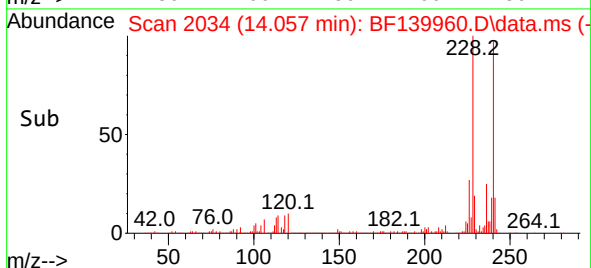
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

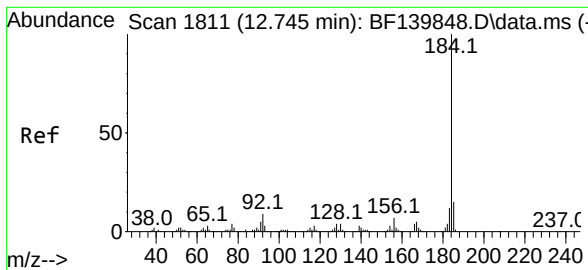


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



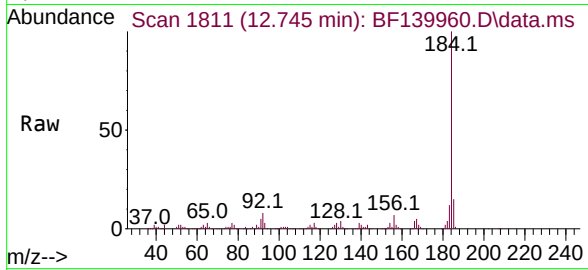
Tgt Ion:240 Resp: 325970
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 55.458 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

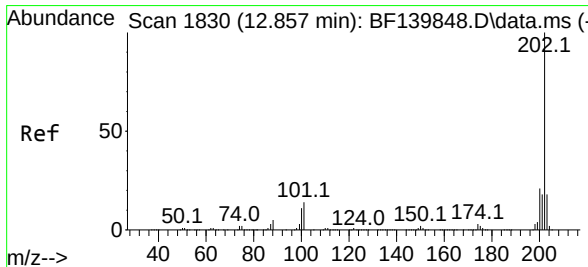
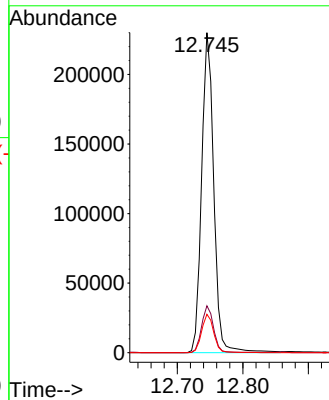
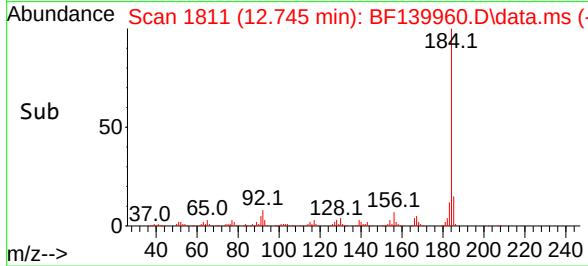
Instrument :
BNA_F
ClientSampleId :
PB164154BS



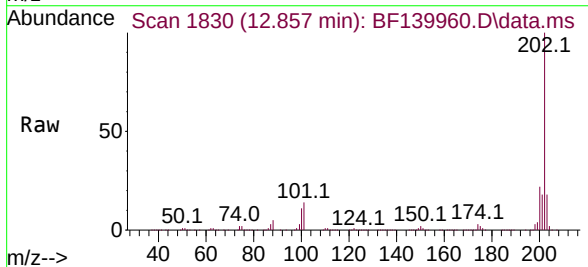
Tgt Ion:184 Resp: 297260
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 12.0 9.4 14.2

Manual Integrations
APPROVED

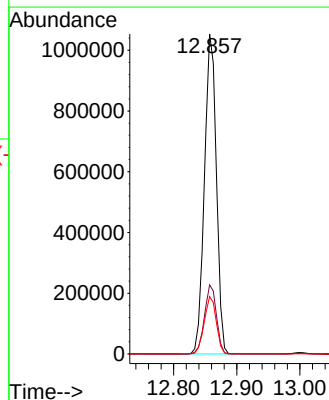
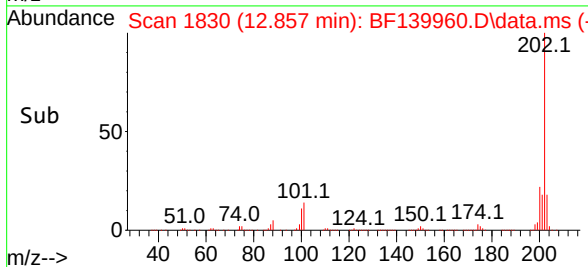
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

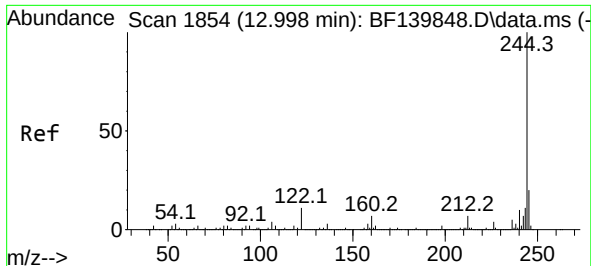


#78
Pyrene
Concen: 48.511 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:202 Resp: 1384172
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 18.0 14.2 21.4





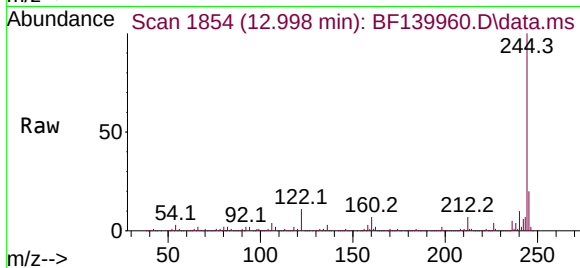
#79
 Terphenyl-d14
 Concen: 98.385 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139960.D
 Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



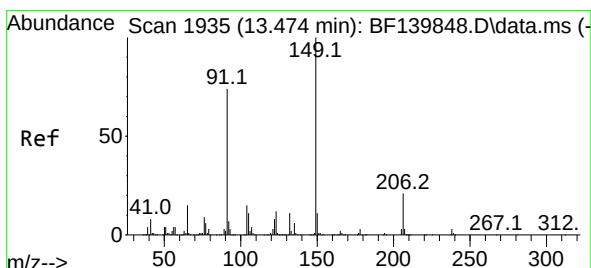
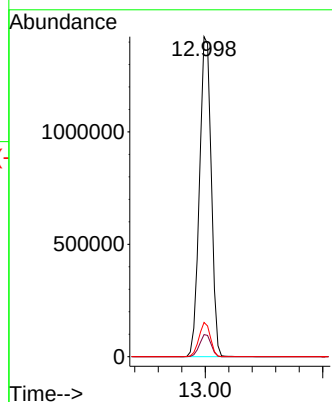
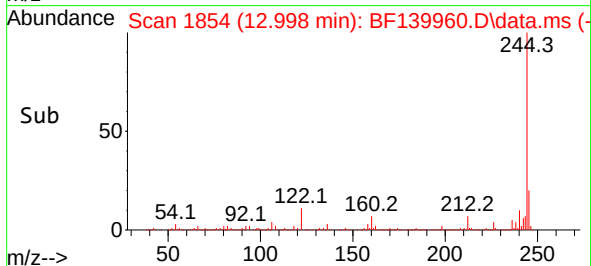
Tgt Ion:244 Resp: 196813
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.7 8.6 13.0

Manual Integrations

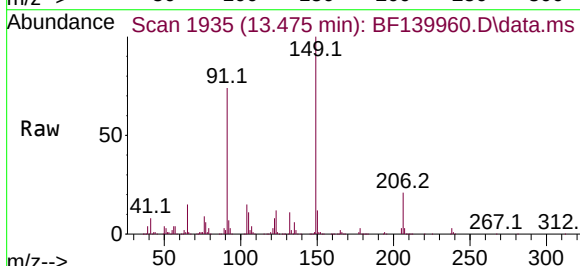
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

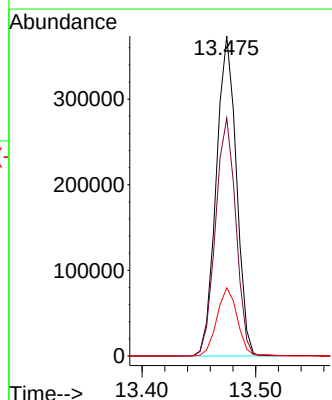
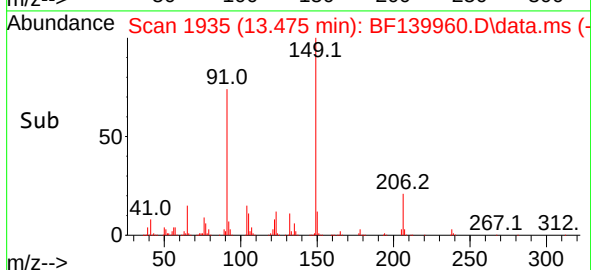
Supervised By :mohammad ahmed 10/25/2024

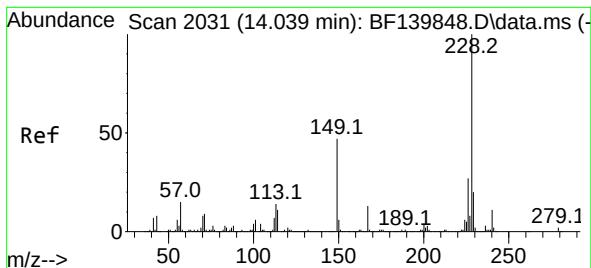


#80
 Butylbenzylphthalate
 Concen: 53.979 ng
 RT: 13.475 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139960.D
 Acq: 23 Oct 2024 13:07



Tgt Ion:149 Resp: 461755
 Ion Ratio Lower Upper
 149 100
 91 74.3 59.4 89.2
 206 21.3 16.4 24.6





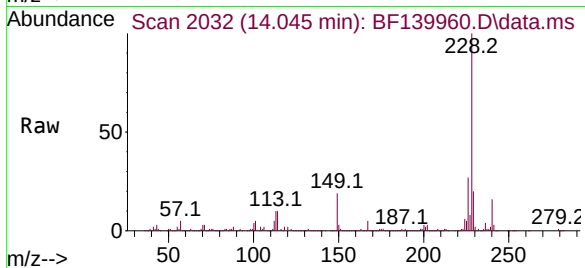
#81
Benzo(a)anthracene
Concen: 50.276 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



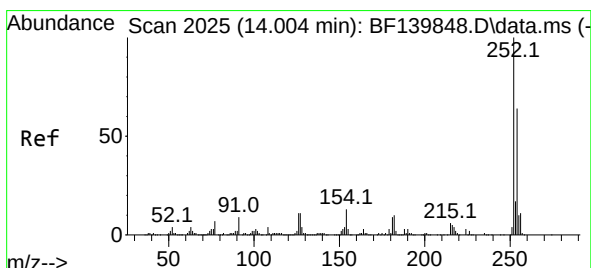
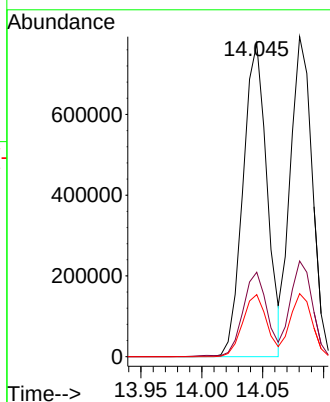
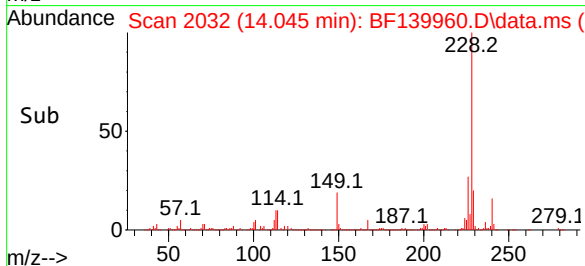
Tgt Ion:228 Resp: 106684
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 16.1 24.1

Manual Integrations

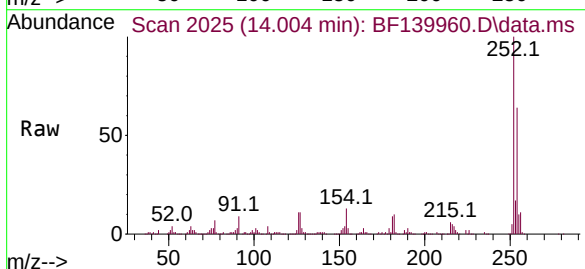
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

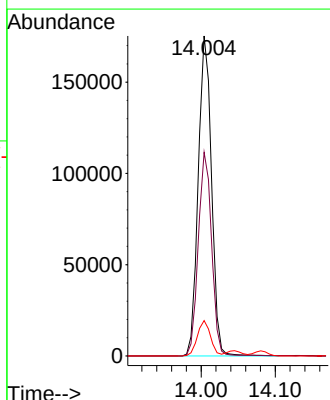
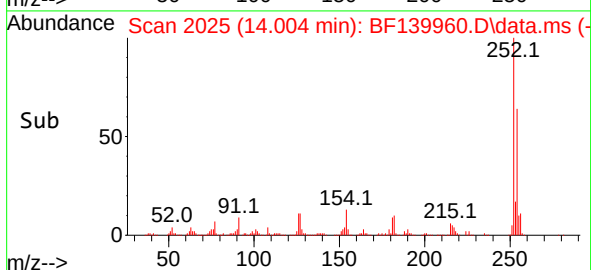
Supervised By :mohammad ahmed 10/25/2024

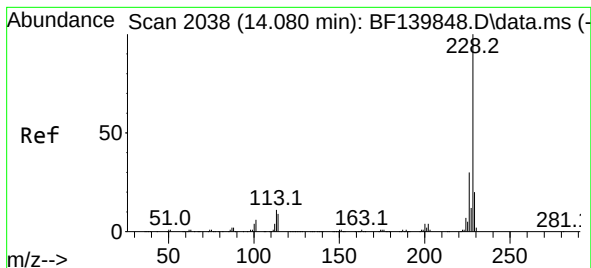


#82
3,3'-Dichlorobenzidine
Concen: 35.306 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:252 Resp: 218434
Ion Ratio Lower Upper
252 100
254 63.7 50.8 76.2
126 11.0 8.9 13.3





#83

Chrysene

Concen: 50.854 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139960.D

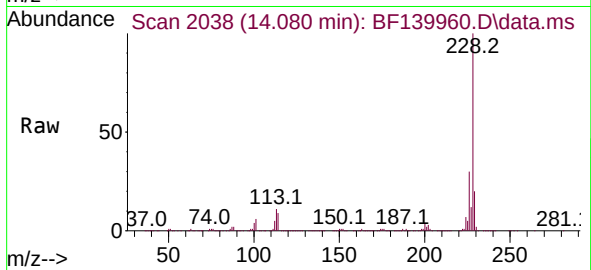
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



Tgt Ion:228 Resp: 98941

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

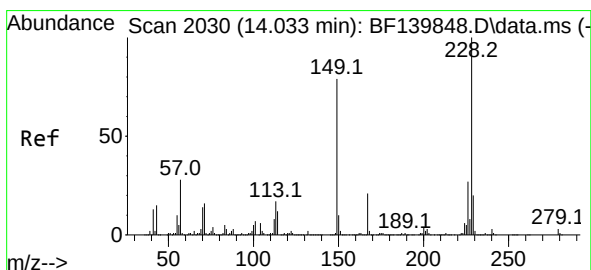
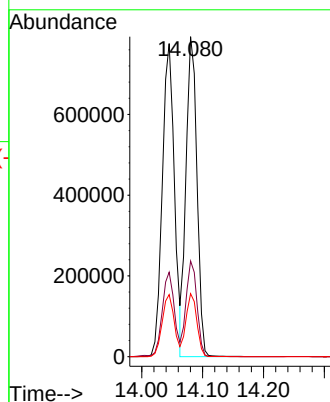
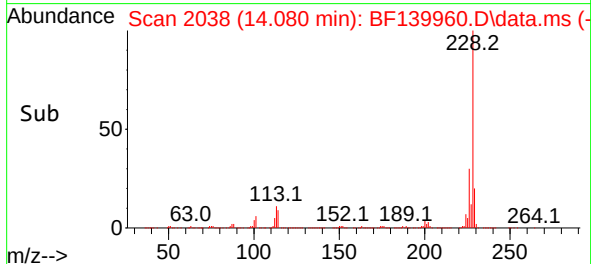
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.783 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

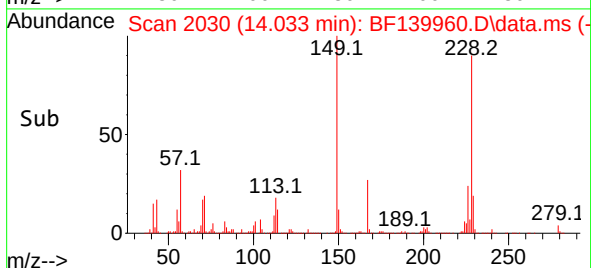
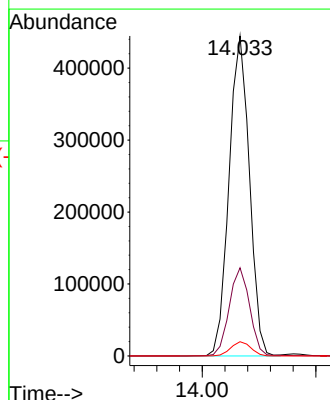
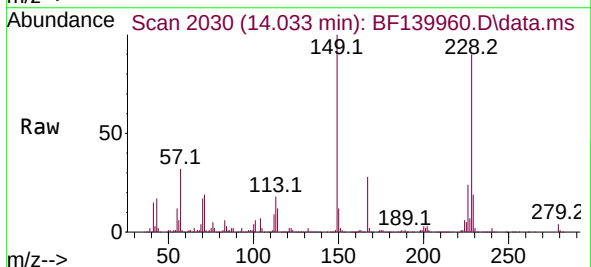
Tgt Ion:149 Resp: 554575

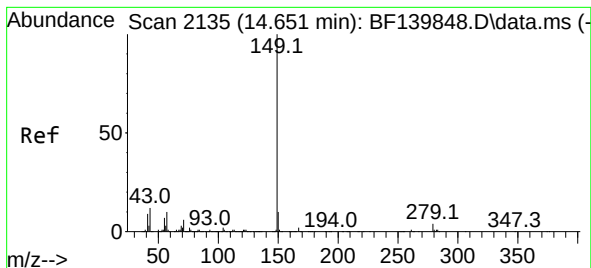
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 57.050 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139960.D

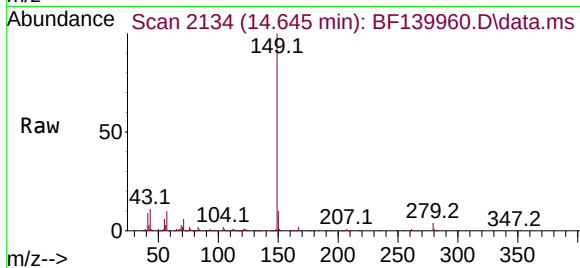
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



Tgt Ion:149 Resp: 99590

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

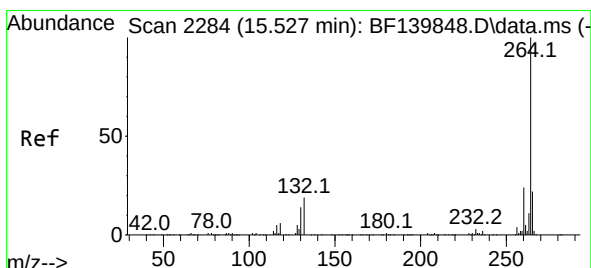
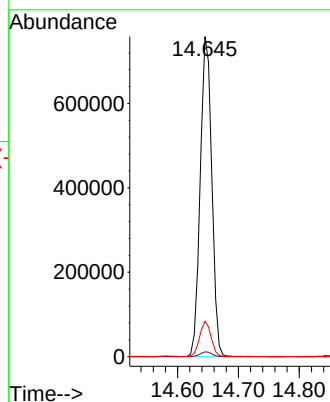
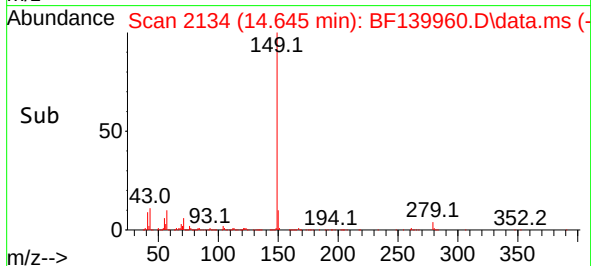
43 10.8 9.8 14.6

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: BF139960.D

Acq: 23 Oct 2024 13:07

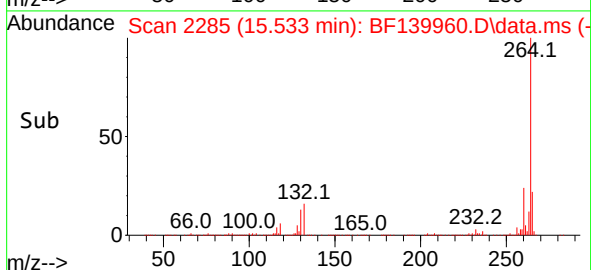
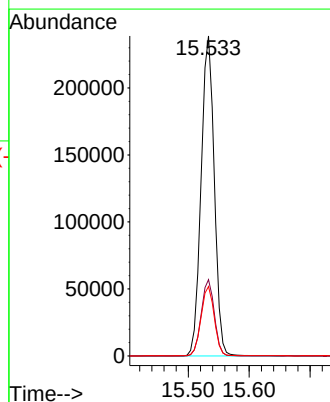
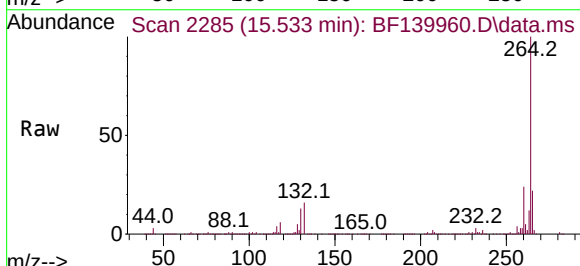
Tgt Ion:264 Resp: 358287

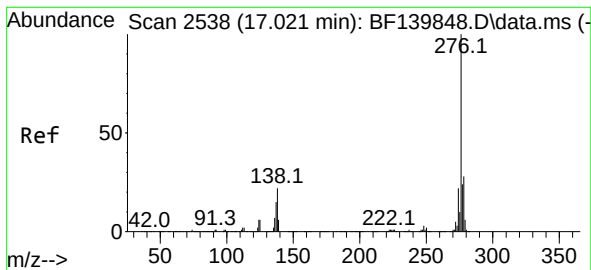
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.7 17.4 26.0





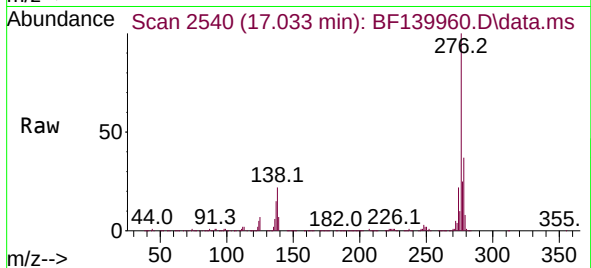
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.241 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



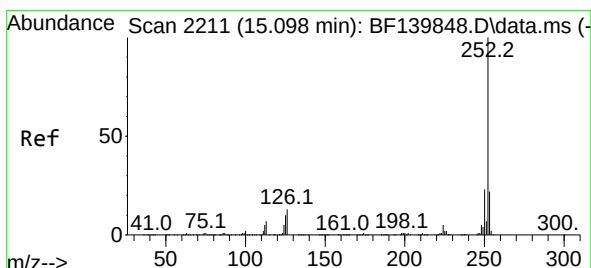
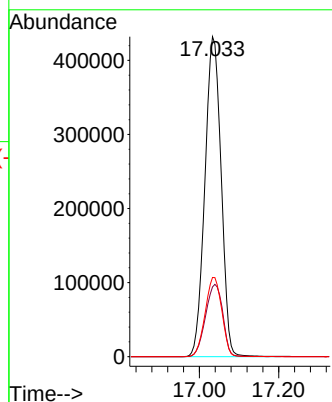
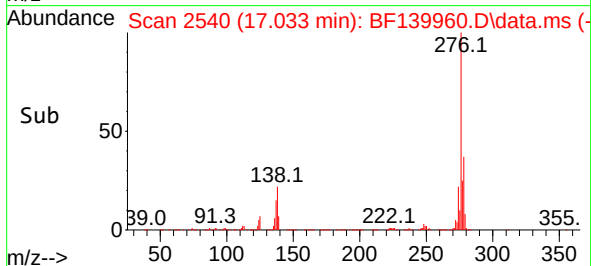
Tgt Ion:276 Resp: 122717
Ion Ratio Lower Upper
276 100
138 24.0 20.4 30.6
277 25.5 20.2 30.4

Manual Integrations

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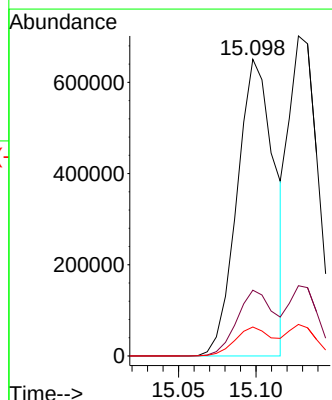
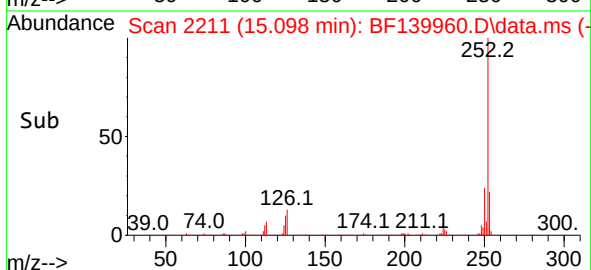
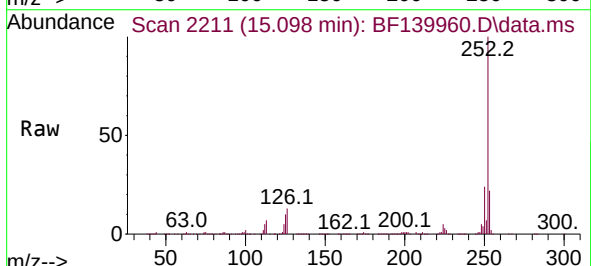
Reviewed By :Yogesh Patel 10/24/2024

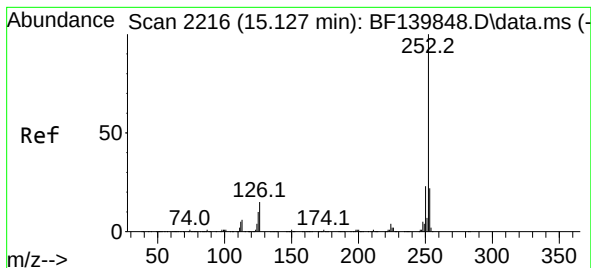
Supervised By :mohammad ahmed 10/25/2024



#88
Benzo(b)fluoranthene
Concen: 49.799 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:252 Resp: 1086886
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 48.678 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139960.D

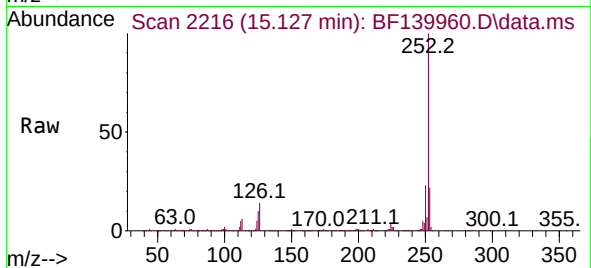
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS



Tgt Ion:252 Resp: 916238

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

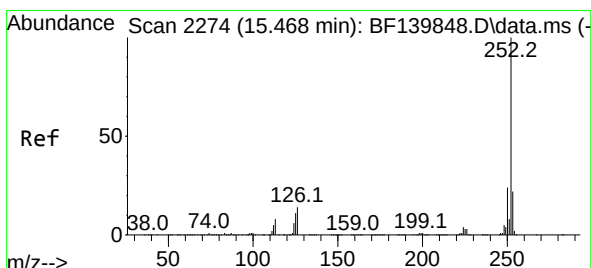
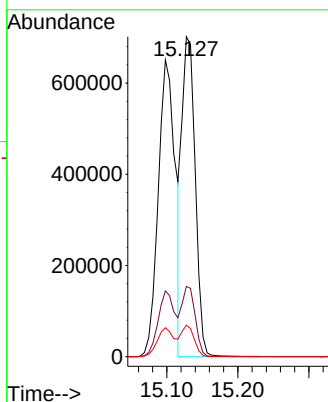
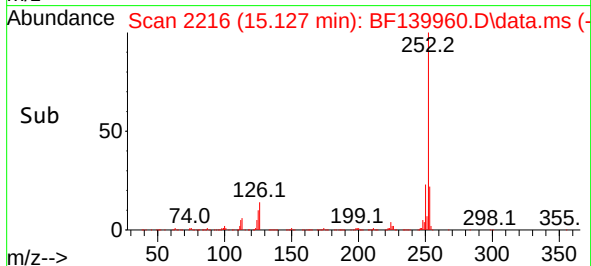
125 9.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#90

Benzo(a)pyrene

Concen: 53.462 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

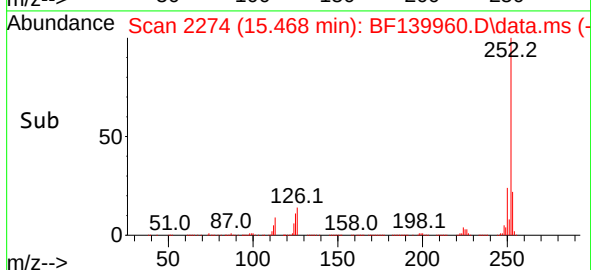
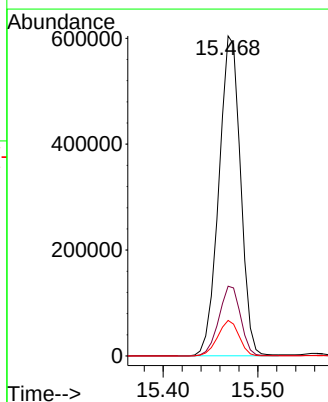
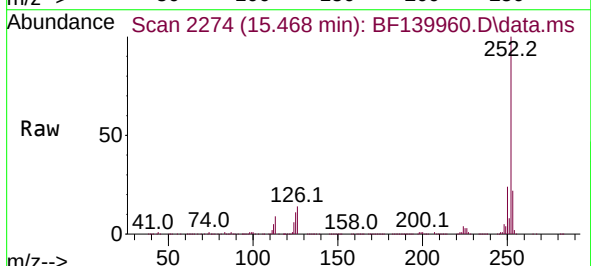
Tgt Ion:252 Resp: 960094

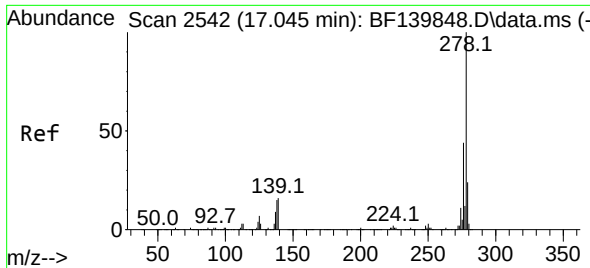
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.1 8.7 13.1





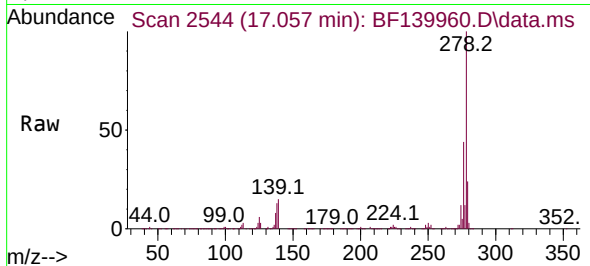
#91
Dibenzo(a,h)anthracene
Concen: 52.319 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.012 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

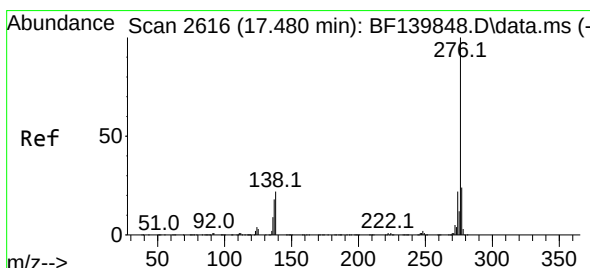
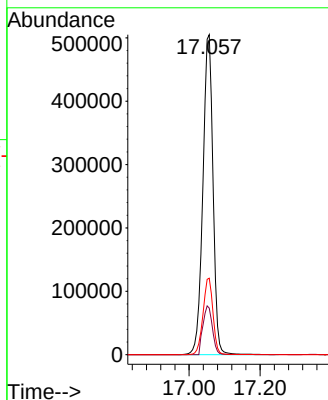
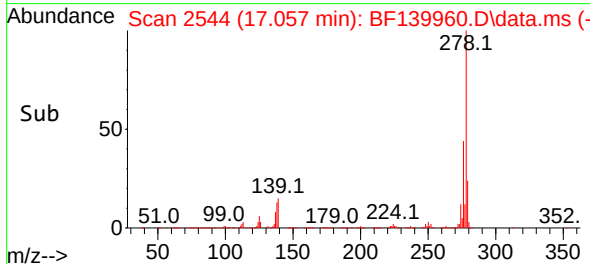


Tgt Ion:278 Resp: 1006000
Ion Ratio Lower Upper
278 100
139 14.5 13.1 19.7
279 23.9 19.0 28.4

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.514 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:276 Resp: 931789
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 21.0 17.4 26.0

