

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139970.D
 Acq On : 23 Oct 2024 17:59
 Operator : RC/JU
 Sample : P4397-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:10:33 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	145719	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	539980	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	259652	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	394534	20.000	ng	0.00
76) Chrysene-d12	14.057	240	319585	20.000	ng	0.00
86) Perylene-d12	15.533	264	328571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1184189	127.220	ng	0.03
7) Phenol-d6	6.516	99	1422654	118.007	ng	0.00
23) Nitrobenzene-d5	7.451	82	970341	99.596	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	341029	140.416	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1601722	101.950	ng	0.00
79) Terphenyl-d14	12.998	244	1549414	79.001	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	165499	38.134	ng	# 79
3) Pyridine	3.587	79	281056	26.127	ng	96
4) n-Nitrosodimethylamine	3.516	42	229291	39.672	ng	97
6) Aniline	6.557	93	163876	14.585	ng	97
8) 2-Chlorophenol	6.675	128	431885	45.386	ng	99
9) Benzaldehyde	6.446	77	27124	3.999	ng	92
10) Phenol	6.534	94	504851m	40.620	ng	
11) bis(2-Chloroethyl)ether	6.628	93	429093	44.667	ng	99
12) 1,3-Dichlorobenzene	6.834	146	446954	40.917	ng	99
13) 1,4-Dichlorobenzene	6.910	146	452366	41.451	ng	98
14) 1,2-Dichlorobenzene	7.063	146	437203	42.925	ng	98
15) Benzyl Alcohol	7.028	79	394187	44.575	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	692518	42.277	ng	97
17) 2-Methylphenol	7.140	107	362384	44.661	ng	99
18) Hexachloroethane	7.404	117	156969	40.335	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	318826	43.605	ng	96
20) 3+4-Methylphenols	7.293	107	447860	43.152	ng	# 81
22) Acetophenone	7.298	105	589821	44.596	ng	99
24) Nitrobenzene	7.475	77	464539	43.488	ng	98
25) Isophorone	7.710	82	850487	45.993	ng	99
26) 2-Nitrophenol	7.787	139	219714	54.522	ng	95
27) 2,4-Dimethylphenol	7.822	122	363608	54.112	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	511077	45.617	ng	100
29) 2,4-Dichlorophenol	8.028	162	351914	45.980	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	365443	43.151	ng	99
31) Naphthalene	8.193	128	1433262	51.466	ng	100
32) Benzoic acid	7.922	122	252244	43.040	ng	97
33) 4-Chloroaniline	8.240	127	56215	5.920	ng	98
34) Hexachlorobutadiene	8.310	225	231750	43.553	ng	99
35) Caprolactam	8.598	113	95747	39.344	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	367844	43.404	ng	96
37) 2-Methylnaphthalene	8.887	142	831760	48.767	ng	99
38) 1-Methylnaphthalene	8.987	142	773515	46.225	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	358813	51.222	ng	99
41) Hexachlorocyclopentadiene	9.040	237	201420	82.637	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	259089	52.241	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	252046	49.258	ng	97
46) 1,1'-Biphenyl	9.351	154	904792	50.056	ng	99
47) 2-Chloronaphthalene	9.375	162	704968	48.424	ng	99
48) 2-Nitroaniline	9.463	65	234065	52.569	ng	96
49) Acenaphthylene	9.792	152	1069289	50.805	ng	100
50) Dimethylphthalate	9.645	163	840924	51.995	ng	100
51) 2,6-Dinitrotoluene	9.710	165	178345	50.929	ng	92
52) Acenaphthene	9.963	154	752606	55.277	ng	100
53) 3-Nitroaniline	9.875	138	71967	19.929	ng	94
54) 2,4-Dinitrophenol	9.981	184	127551	87.042	ng	# 1
55) Dibenzofuran	10.134	168	931769	47.698	ng	98
56) 4-Nitrophenol	10.028	139	248396	89.405	ng	97
57) 2,4-Dinitrotoluene	10.110	165	223785	51.967	ng	96
58) Fluorene	10.475	166	707194	47.531	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	195120	48.643	ng	95
60) Diethylphthalate	10.345	149	763940	48.108	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	352123	46.864	ng	99
62) 4-Nitroaniline	10.486	138	142265	41.712	ng	96
63) Azobenzene	10.628	77	737131	43.786	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	90649	56.329	ng	93
66) n-Nitrosodiphenylamine	10.586	169	631286	53.461	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	216597	53.291	ng	96
68) Hexachlorobenzene	11.022	284	226101	49.463	ng	99
69) Atrazine	11.110	200	161884	50.609	ng	98
70) Pentachlorophenol	11.216	266	281614	101.510	ng	99
71) Phenanthrene	11.439	178	974942	52.315	ng	99
72) Anthracene	11.492	178	953433	52.435	ng	100
73) Carbazole	11.645	167	815066	48.199	ng	99
74) Di-n-butylphthalate	11.975	149	1050412	53.764	ng	99
75) Fluoranthene	12.628	202	985425	52.306	ng	99
77) Benzidine	12.745	184	196024	37.302	ng	99
78) Pyrene	12.857	202	1030796	36.848	ng	100
80) Butylbenzylphthalate	13.475	149	443486	52.879	ng	98
81) Benzo(a)anthracene	14.045	228	1045118	50.237	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	237087	39.086	ng	99
83) Chrysene	14.080	228	966611	50.675	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	614398	65.295	ng	# 99
85) Di-n-octyl phthalate	14.645	149	1119671	65.421	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	705835	33.392	ng	99
88) Benzo(b)fluoranthene	15.098	252	1120485	55.982	ng	99
89) Benzo(k)fluoranthene	15.127	252	912998	52.892	ng	100
90) Benzo(a)pyrene	15.469	252	899666	54.628	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	598921	33.965	ng	98
92) Benzo(g,h,i)perylene	17.474	276	501683	28.483	ng	98

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

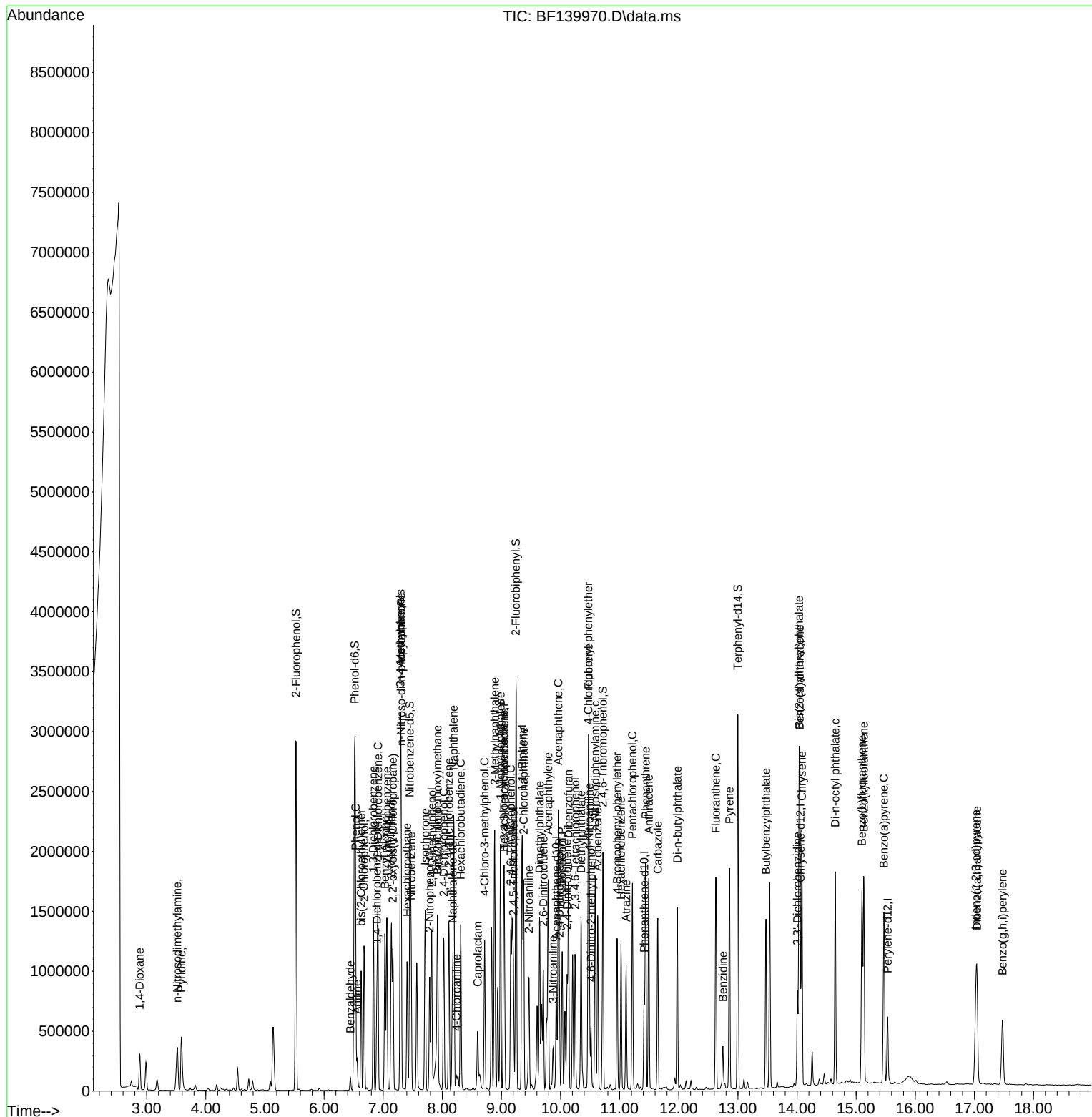
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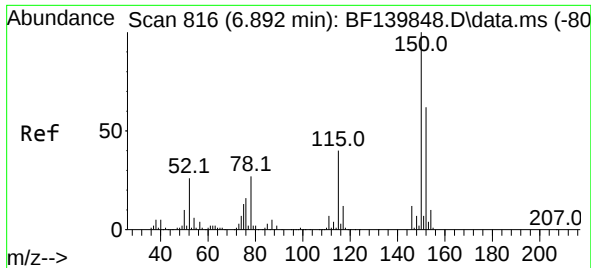
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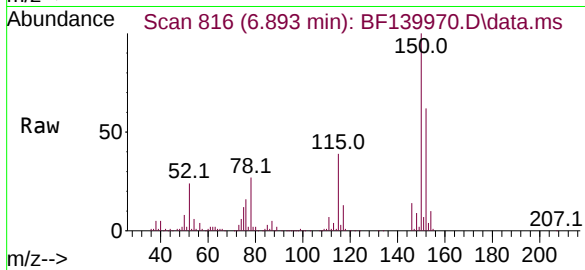
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

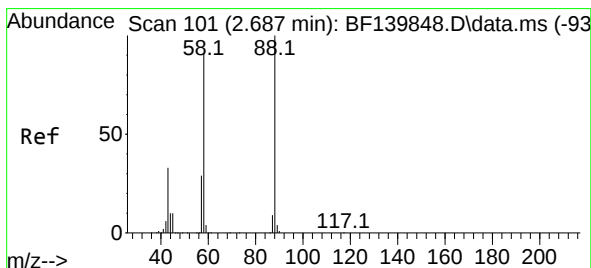
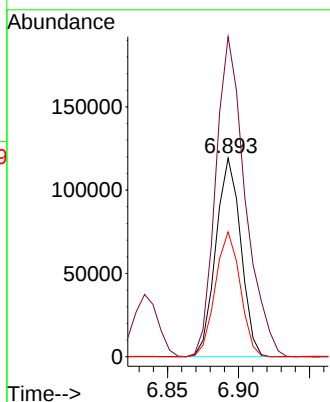
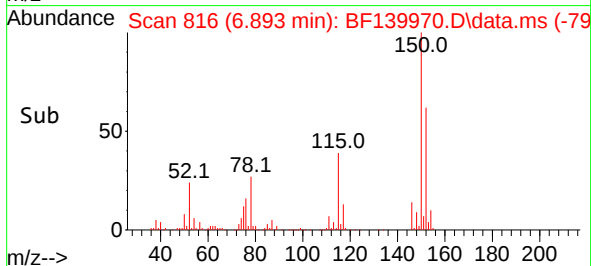
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



Tgt Ion:152 Resp: 145719
Ion Ratio Lower Upper
152 100
150 161.2 130.2 195.2
115 62.9 51.4 77.2

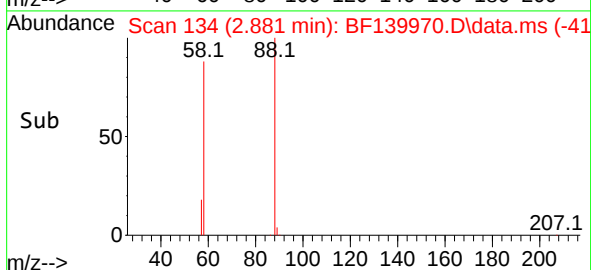
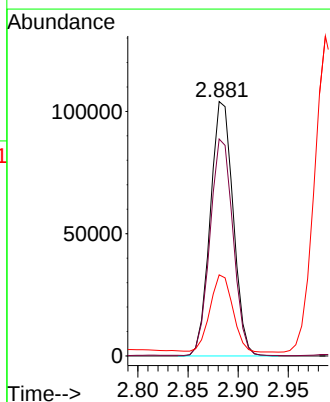
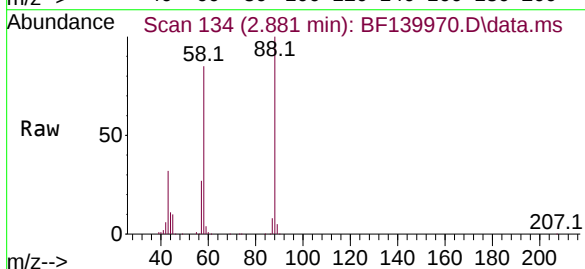
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#2
1,4-Dioxane
Concen: 38.134 ng
RT: 2.881 min Scan# 134
Delta R.T. 0.194 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Tgt Ion: 88 Resp: 165499
Ion Ratio Lower Upper
88 100
58 85.4 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 26.127 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.141 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion: 79 Resp: 28105

Ion Ratio Lower Upper

79 100

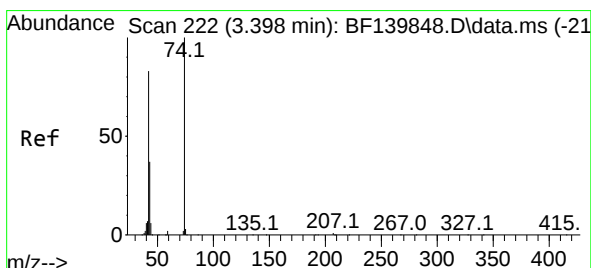
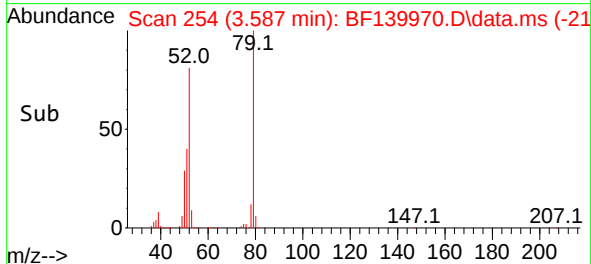
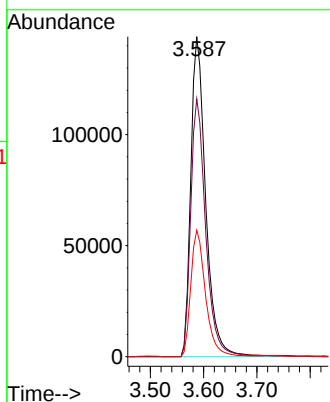
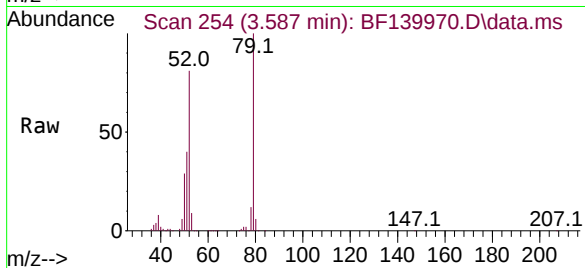
52 80.6 68.5 102.7

51 39.5 32.3 48.5

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#4

n-Nitrosodimethylamine

Concen: 39.672 ng

RT: 3.516 min Scan# 242

Delta R.T. 0.118 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

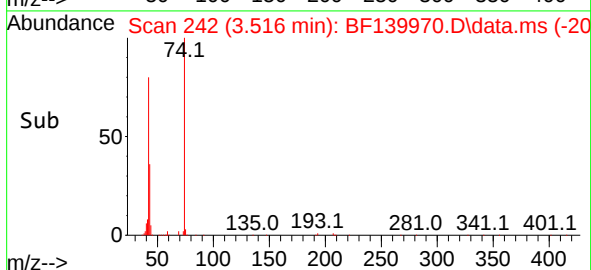
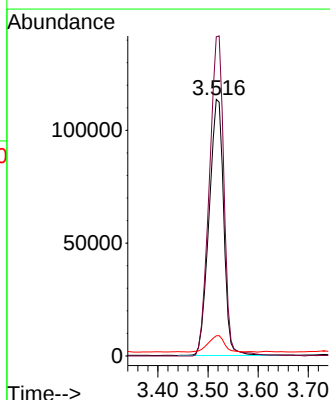
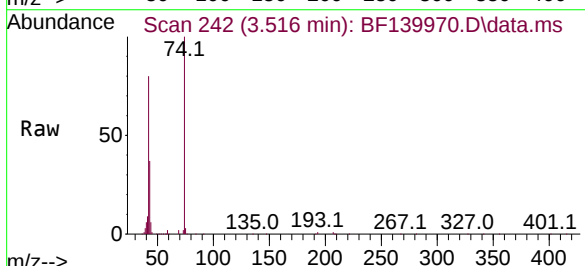
Tgt Ion: 42 Resp: 229291

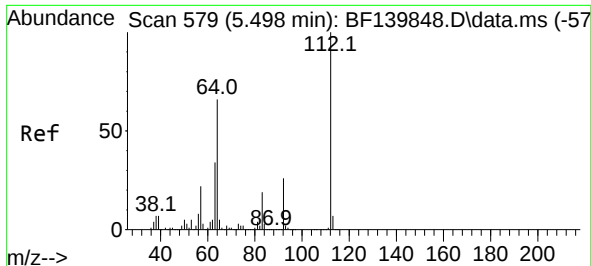
Ion Ratio Lower Upper

42 100

74 124.4 96.2 144.4

44 7.9 6.2 9.2





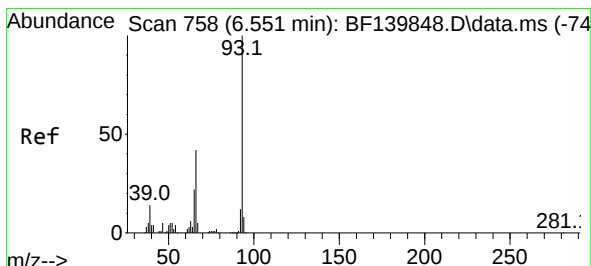
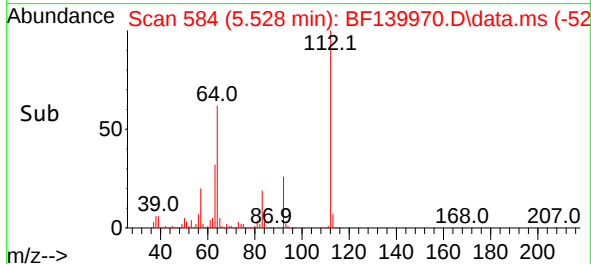
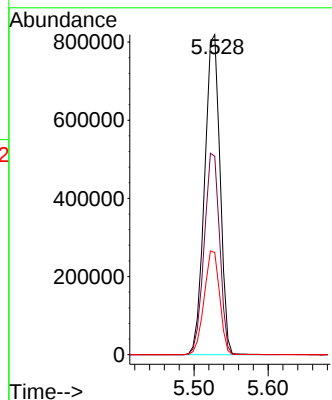
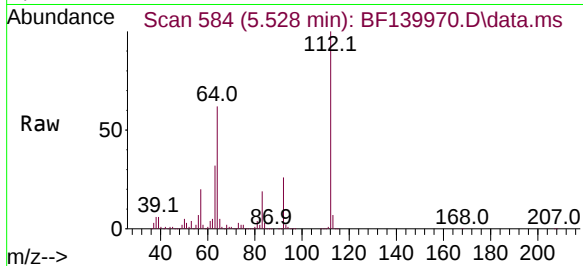
#5
2-Fluorophenol
Concen: 127.220 ng
RT: 5.528 min Scan# 501
Delta R.T. 0.030 min
Lab File: BF139970.D
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Tgt Ion:112 Resp: 1184189
Ion Ratio Lower Upper
112 100
64 62.0 53.0 79.6
63 32.0 27.0 40.4

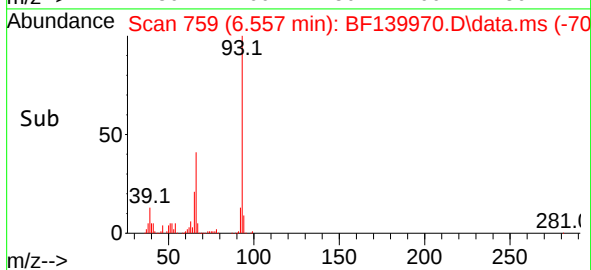
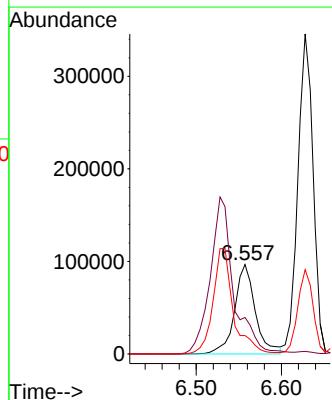
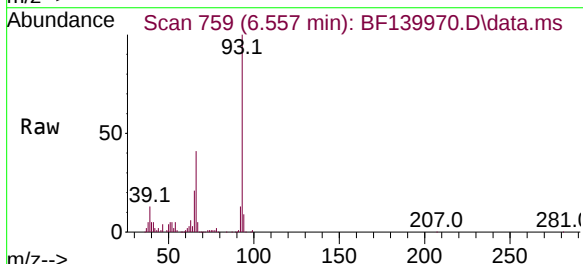
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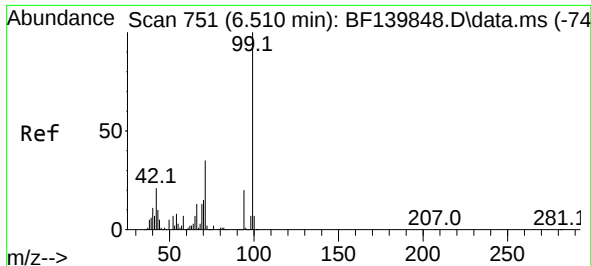
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#6
Aniline
Concen: 14.585 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139970.D
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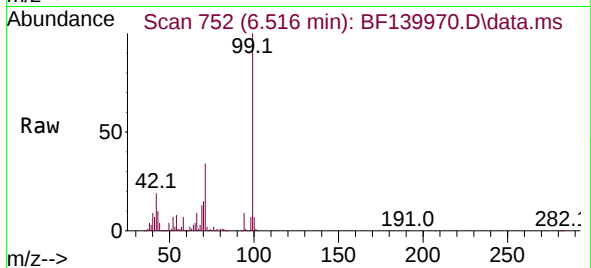
Tgt Ion: 93 Resp: 163876
Ion Ratio Lower Upper
93 100
66 40.8 34.0 51.0
65 20.6 17.4 26.0





#7
Phenol-d6
Concen: 118.007 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139970.D
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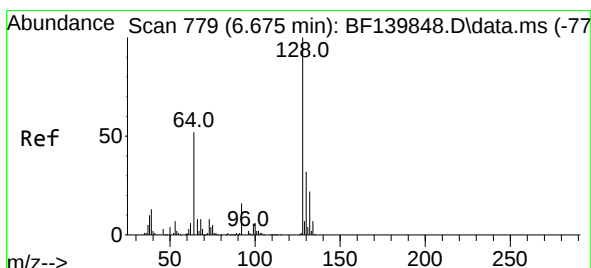
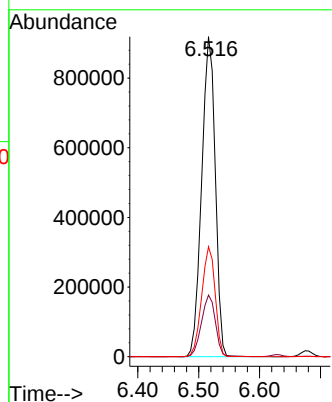
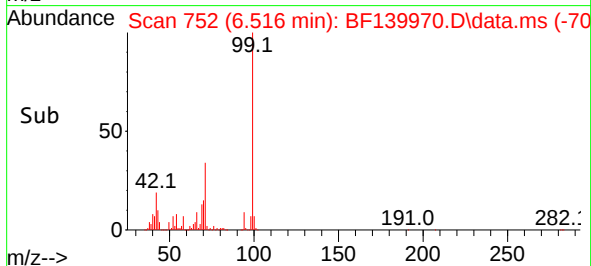
Instrument :
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Tgt Ion: 99 Resp: 1422654
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 34.4 27.7 41.5

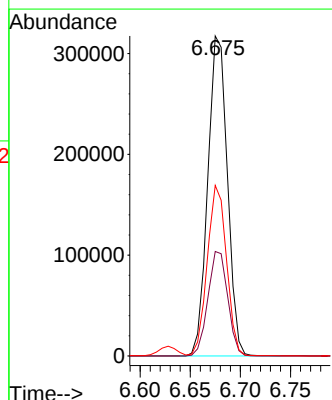
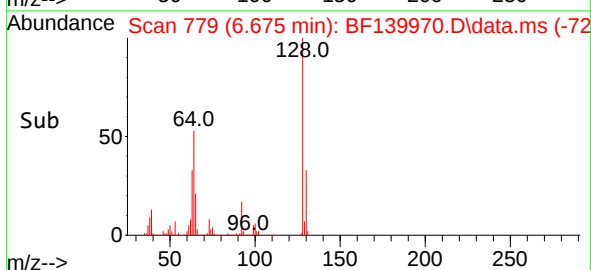
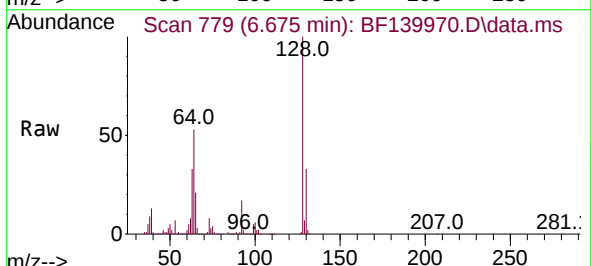
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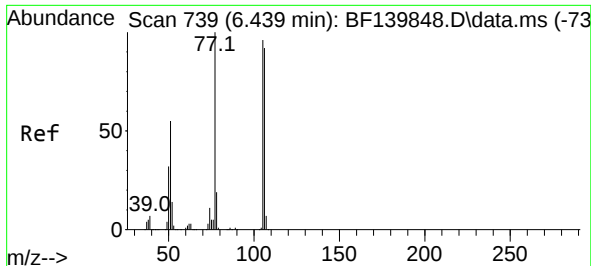
Reviewed By :Jagrut Upadhyay 10/24/2024
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#8
2-Chlorophenol
Concen: 45.386 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

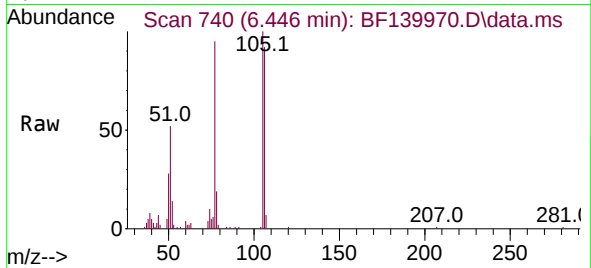
Tgt Ion:128 Resp: 431885
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 53.3 34.6 74.6





#9
Benzaldehyde
Concen: 3.999 ng
RT: 6.446 min Scan# 740
Delta R.T. 0.007 min
Lab File: BF139970.D
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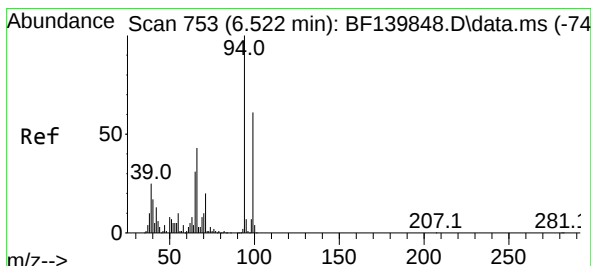
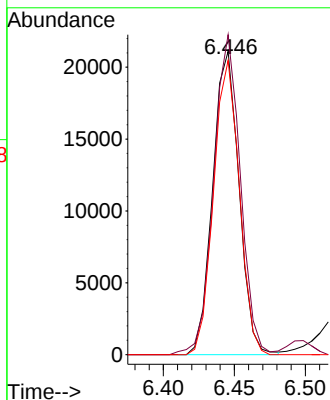
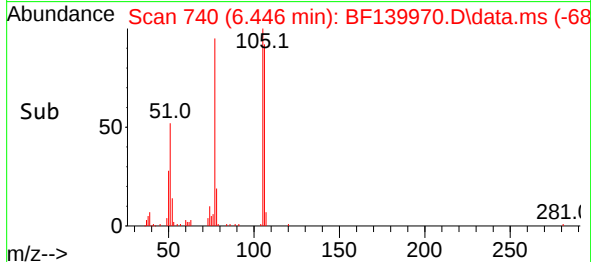
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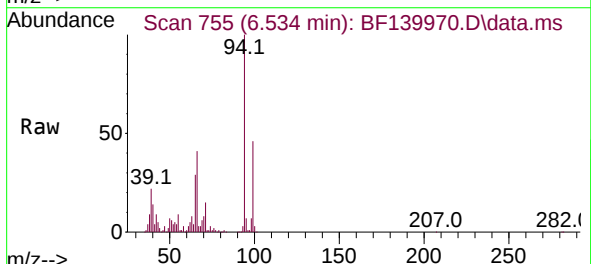
Tgt Ion: 77 Resp: 27124
Ion Ratio Lower Upper
77 100
105 105.5 75.5 115.5
106 97.0 71.7 111.7

Manual Integrations
APPROVED

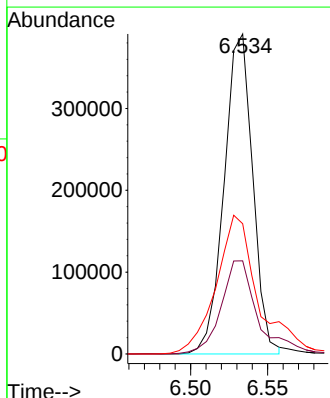
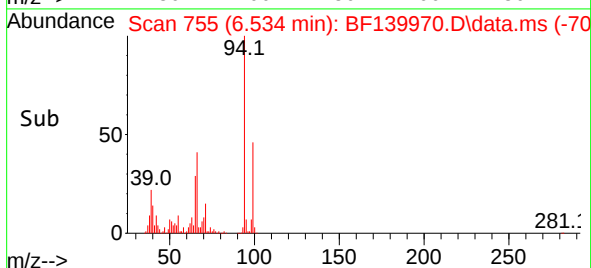
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

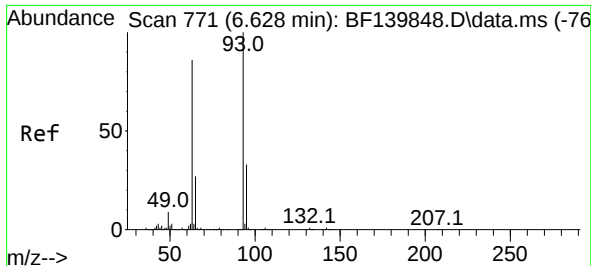


#10
Phenol
Concen: 40.620 ng m
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



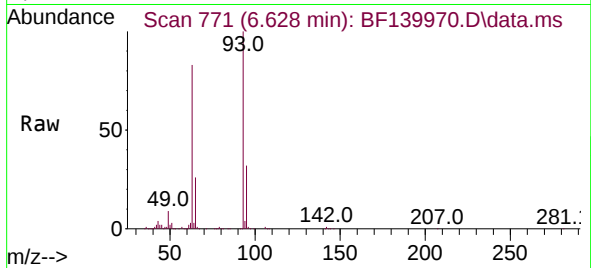
Tgt Ion: 94 Resp: 504851
Ion Ratio Lower Upper
94 100
65 29.1 11.1 51.1
66 40.7 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 44.667 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

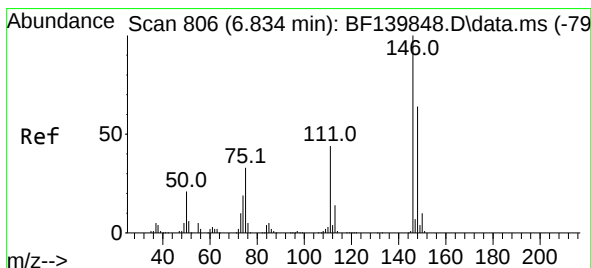
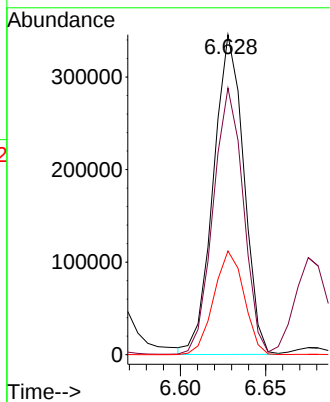
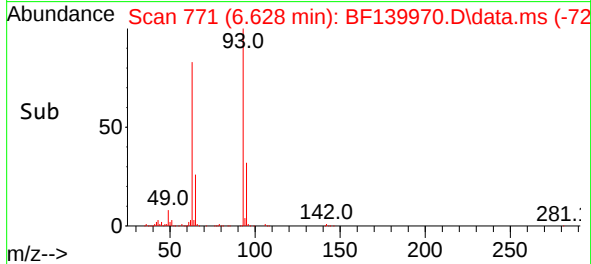
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



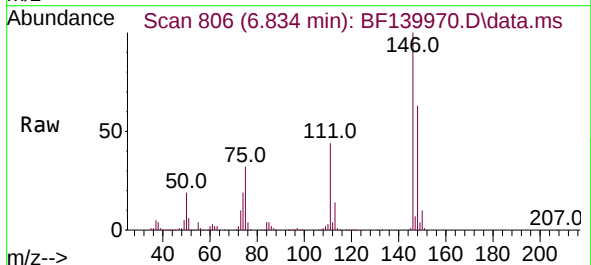
Tgt Ion: 93 Resp: 429093
Ion Ratio Lower Upper
93 100
63 83.3 65.0 105.0
95 32.4 12.4 52.4

Manual Integrations
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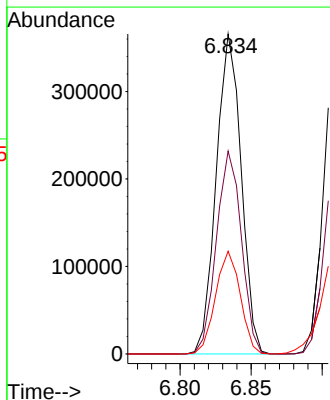
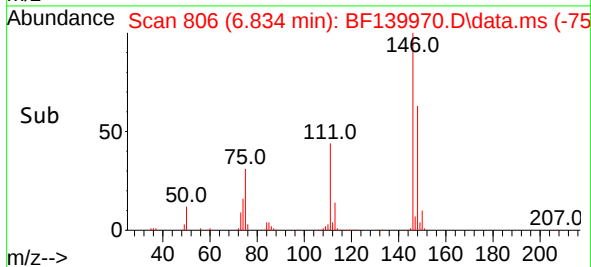
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#12
1,3-Dichlorobenzene
Concen: 40.917 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



Tgt Ion:146 Resp: 446954
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 32.1 26.4 39.6





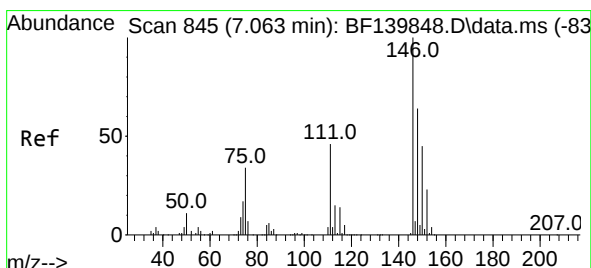
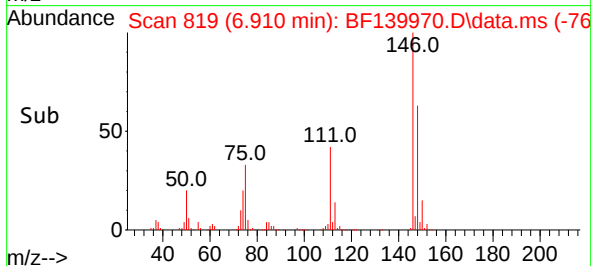
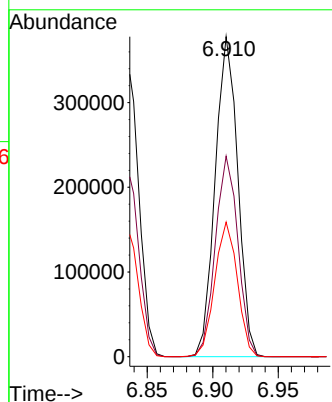
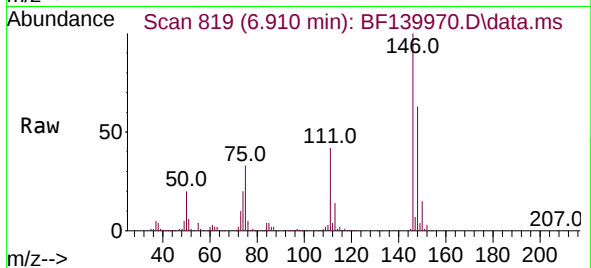
#13
1,4-Dichlorobenzene
Concen: 41.451 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion:146 Resp: 452360
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
111 42.0 34.6 51.8

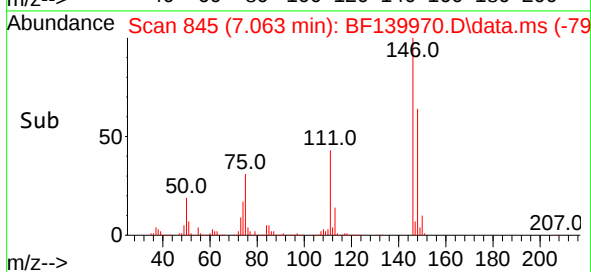
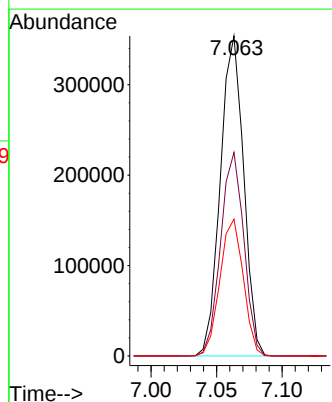
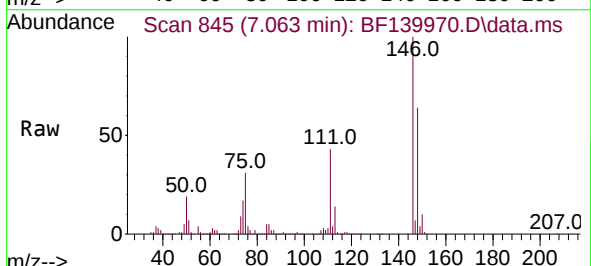
Manual Integrations
APPROVED

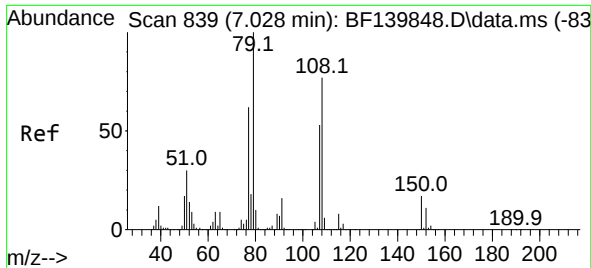
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#14
1,2-Dichlorobenzene
Concen: 42.925 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Tgt Ion:146 Resp: 437203
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 42.8 36.7 55.1





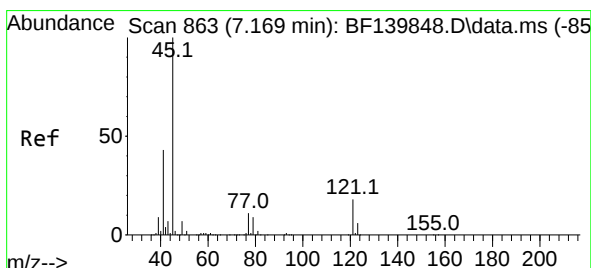
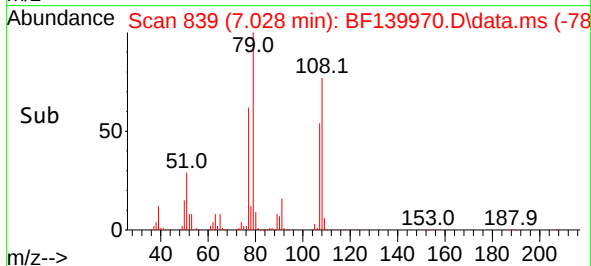
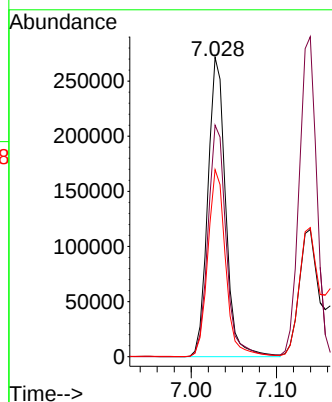
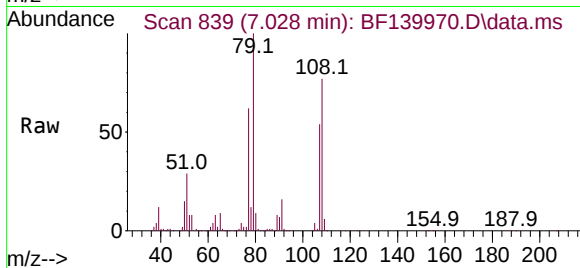
#15
Benzyl Alcohol
Concen: 44.575 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion: 79 Resp: 39418
Ion Ratio Lower Upper
79 100
108 77.3 61.4 92.0
77 62.4 49.9 74.9

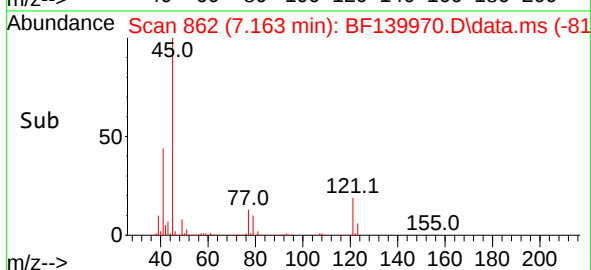
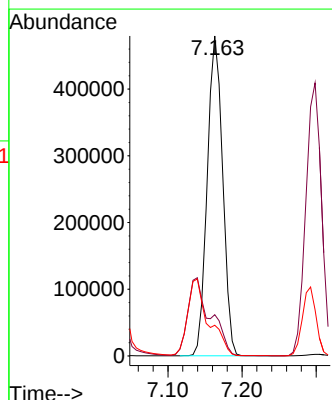
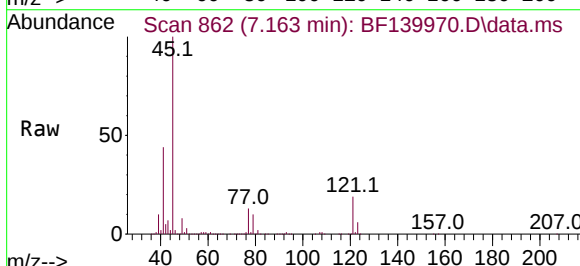
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.277 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Tgt Ion: 45 Resp: 692518
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 9.6 0.0 29.1





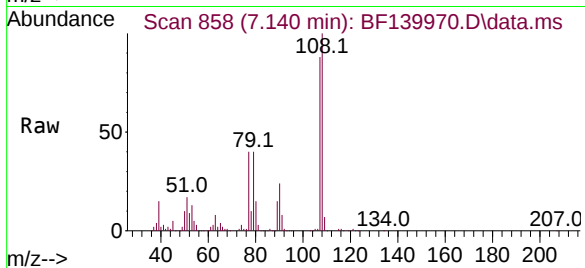
#17
2-Methylphenol
Concen: 44.661 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

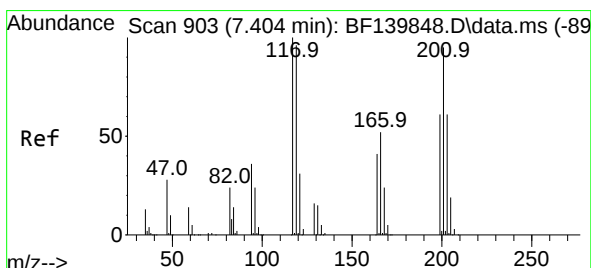
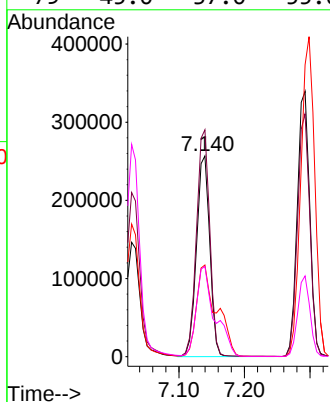
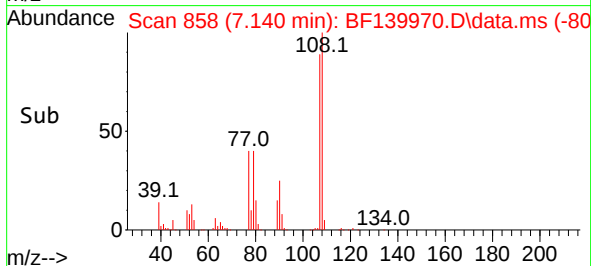


Tgt Ion:107 Resp: 362384
Ion Ratio Lower Upper
107 100
108 113.0 91.3 136.9
77 45.6 37.1 55.7
79 45.0 37.0 55.6

Manual Integrations

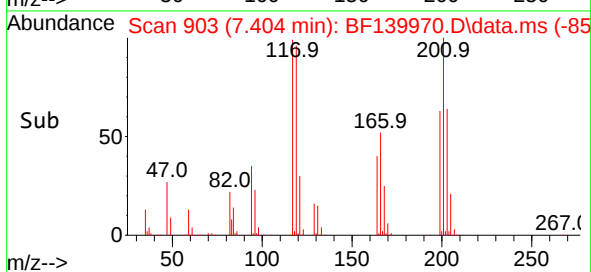
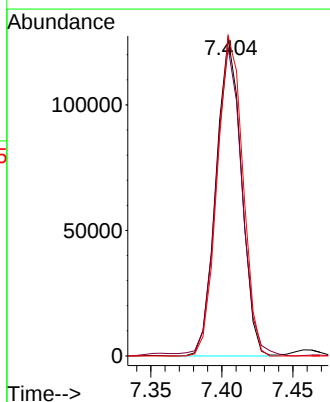
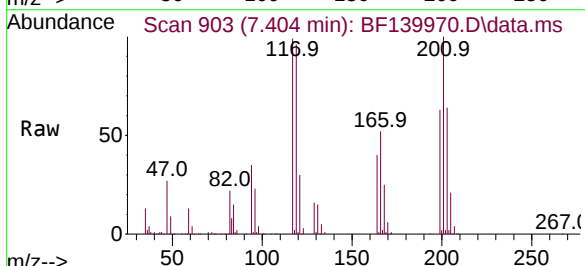
APPROVED

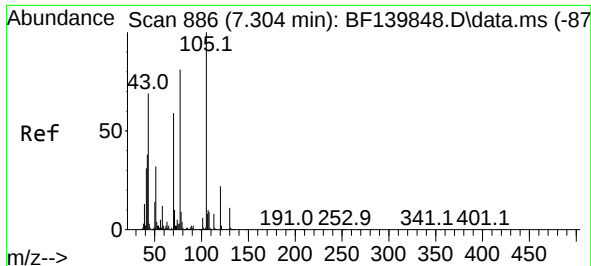
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#18
Hexachloroethane
Concen: 40.335 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

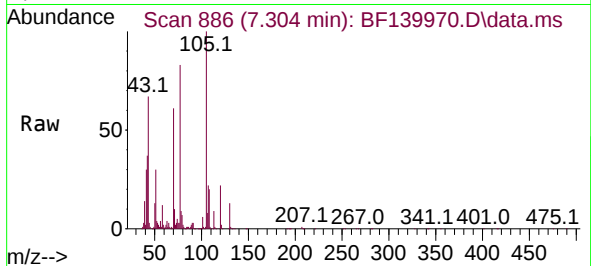
Tgt Ion:117 Resp: 156969
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.4
201 100.6 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.605 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

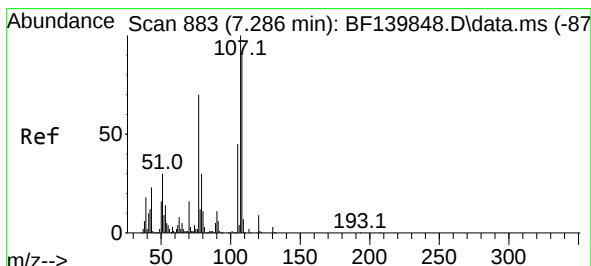
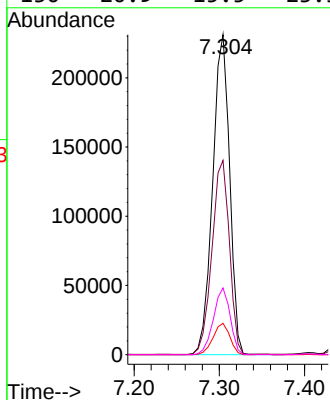
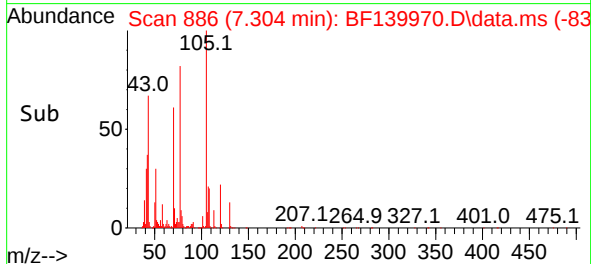
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



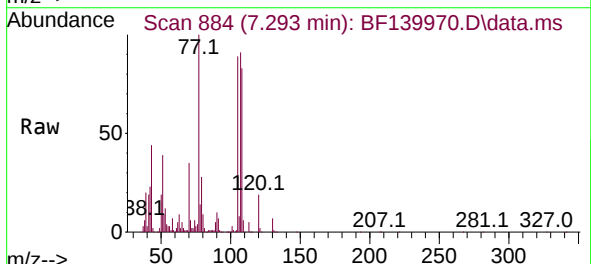
Tgt Ion: 70 Resp: 318820
Ion Ratio Lower Upper
70 100
42 60.7 51.5 77.3
101 9.8 7.5 11.3
130 20.9 15.5 23.3

Manual Integrations
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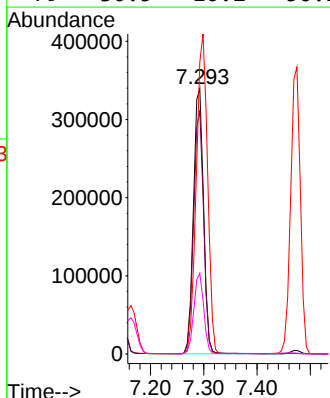
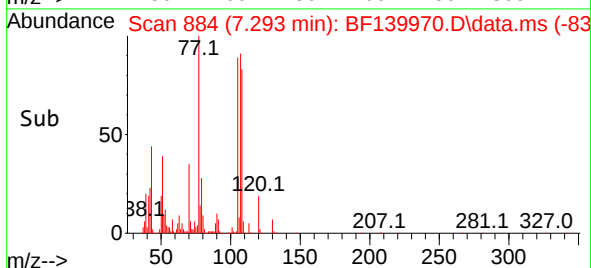
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#20
3+4-Methylphenols
Concen: 43.152 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



Tgt Ion:107 Resp: 447860
Ion Ratio Lower Upper
107 100
108 91.6 69.8 109.8
77 110.0 50.5 90.5#
79 30.5 10.2 50.2





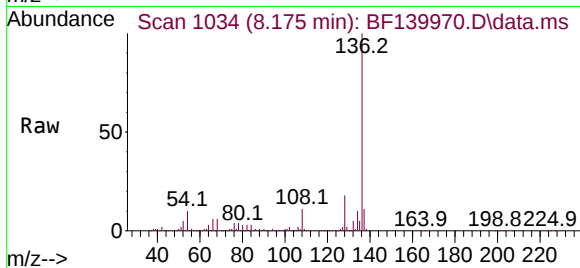
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

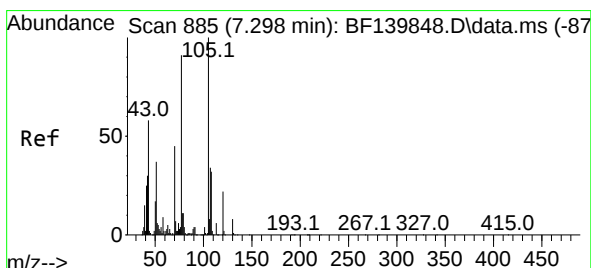
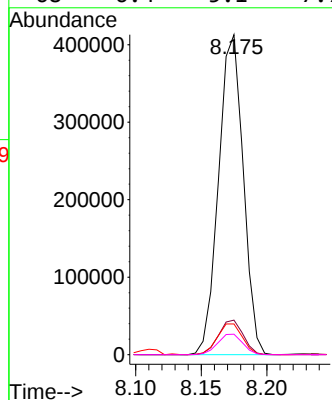
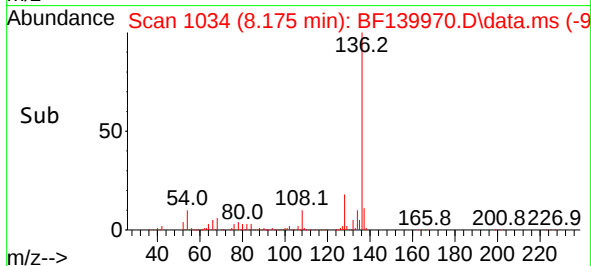


Tgt Ion:136 Resp: 539980
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.6 8.4 12.6
68 6.4 5.1 7.7

Manual Integrations

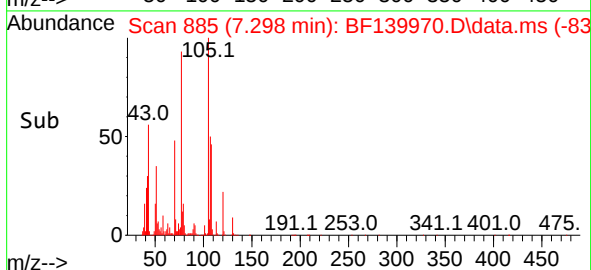
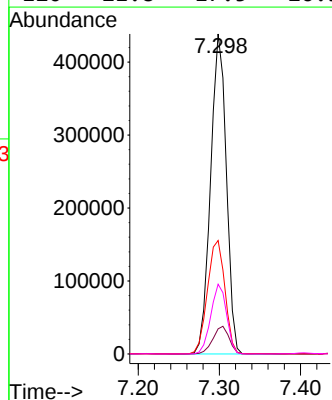
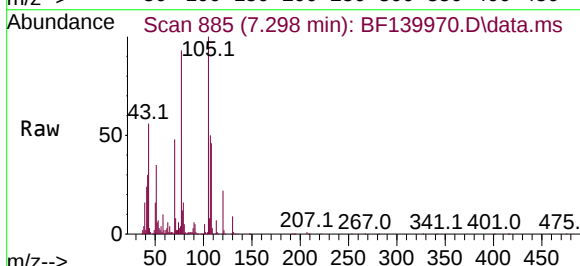
APPROVED

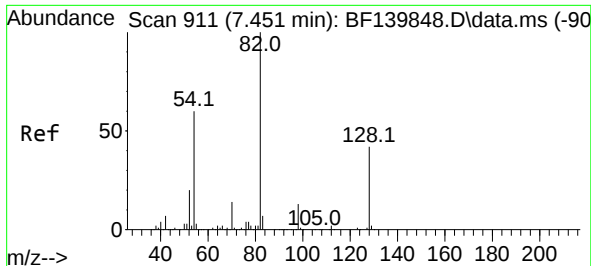
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#22
Acetophenone
Concen: 44.596 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Tgt Ion:105 Resp: 589821
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 35.5 29.4 44.2
120 21.8 17.5 26.3





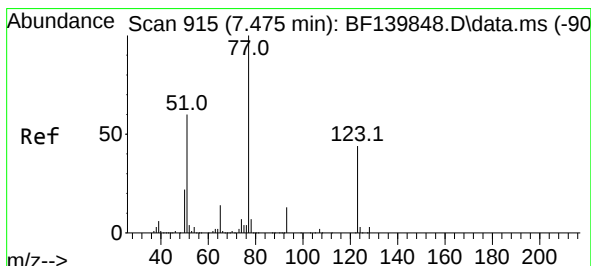
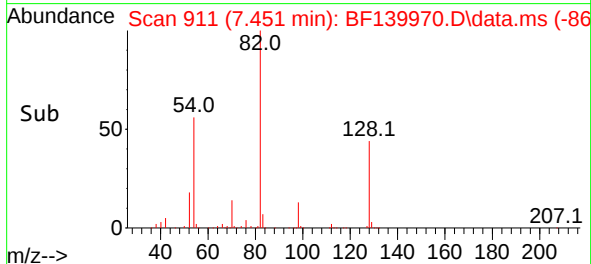
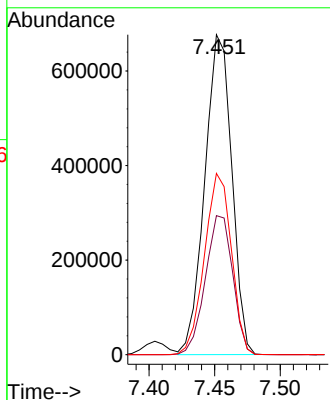
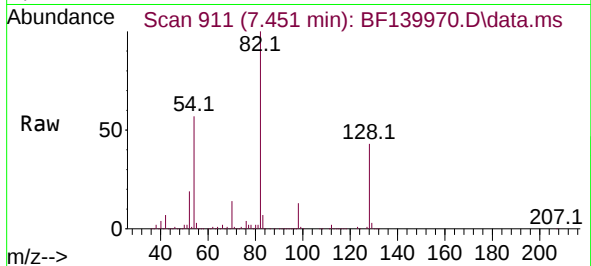
#23
Nitrobenzene-d5
Concen: 99.596 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion: 82 Resp: 97034
Ion Ratio Lower Upper
82 100
128 43.5 33.4 50.0
54 56.6 47.8 71.8

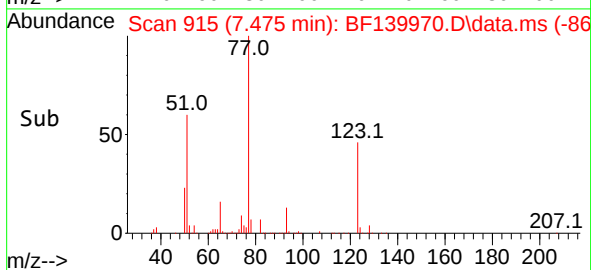
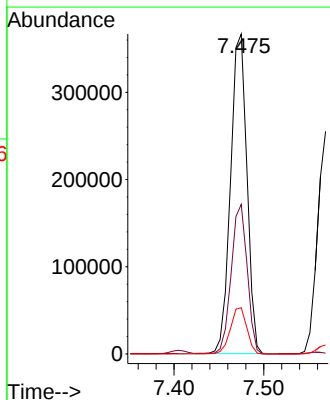
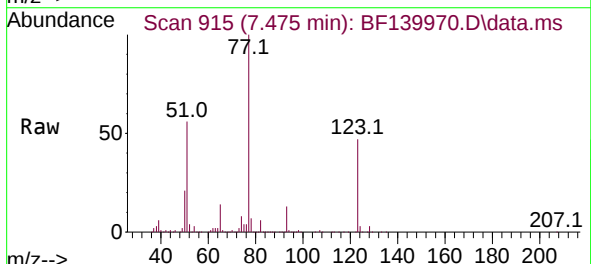
Manual Integrations
APPROVED

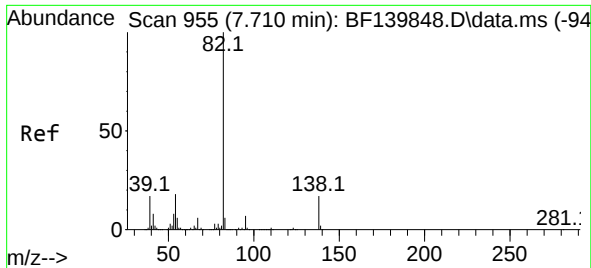
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#24
Nitrobenzene
Concen: 43.488 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

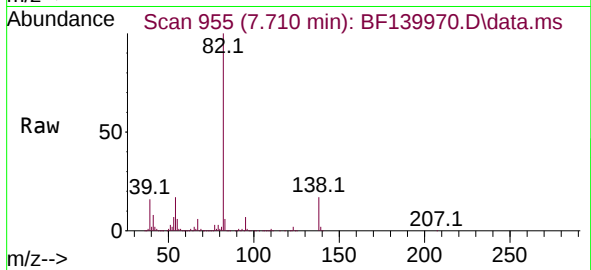
Tgt Ion: 77 Resp: 464539
Ion Ratio Lower Upper
77 100
123 46.7 35.7 53.5
65 14.4 11.5 17.3





#25
Isophorone
Concen: 45.993 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

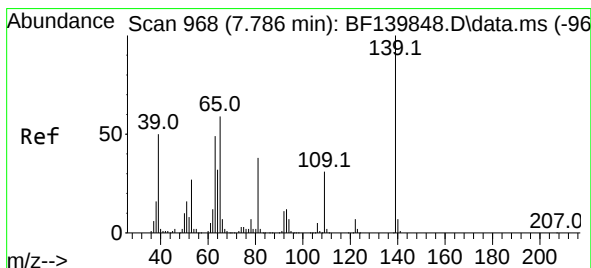
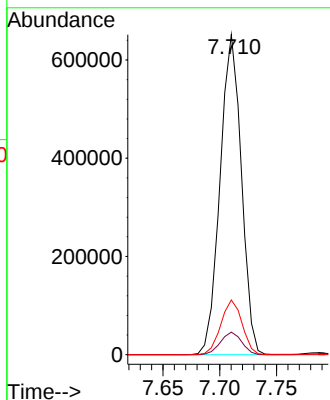
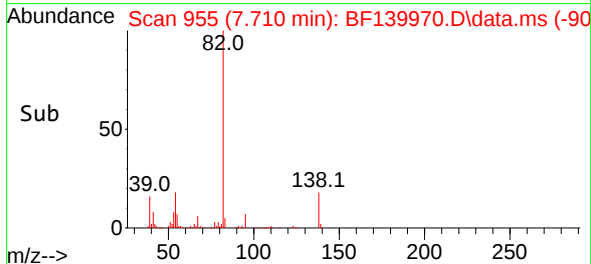
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



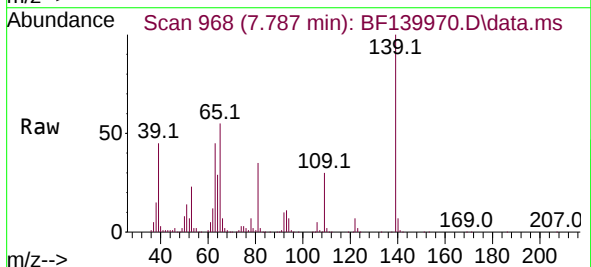
Tgt Ion: 82 Resp: 85048
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.1 13.2 19.8

Manual Integrations
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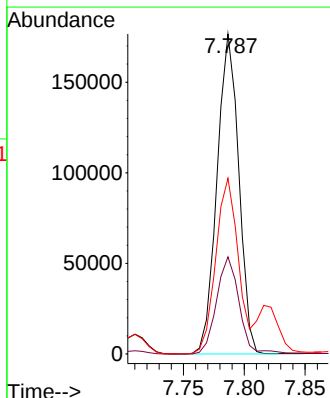
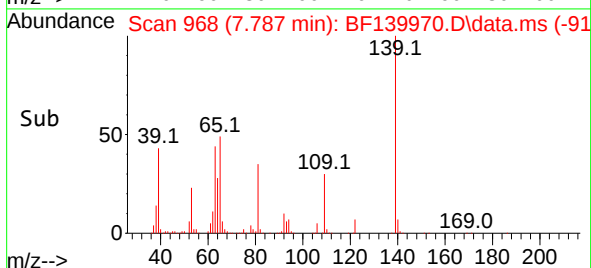
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#26
2-Nitrophenol
Concen: 54.522 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



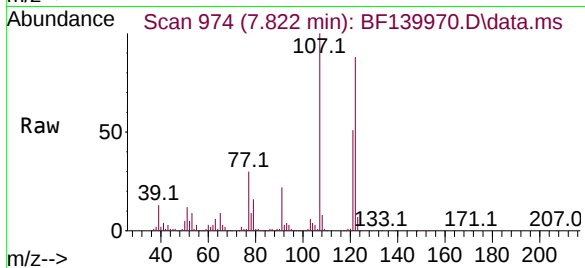
Tgt Ion:139 Resp: 219714
Ion Ratio Lower Upper
139 100
109 30.3 25.1 37.7
65 54.9 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 54.112 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

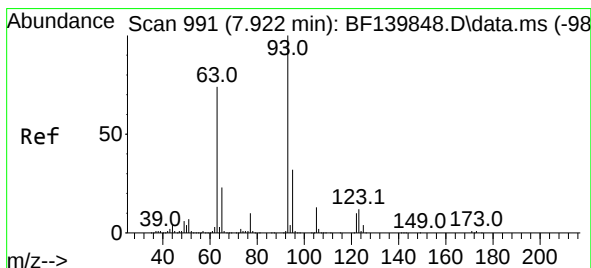
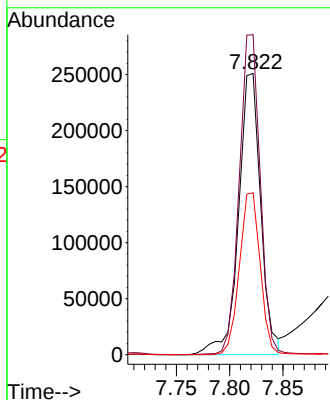
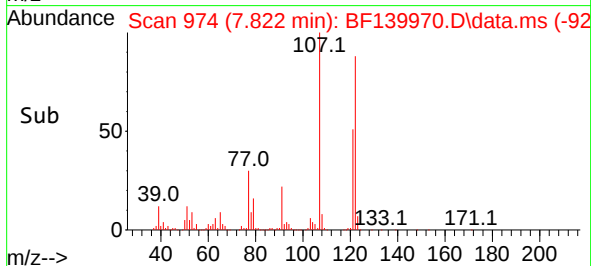
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



Tgt Ion:122 Resp: 363608
Ion Ratio Lower Upper
122 100
107 113.8 91.9 137.9
121 57.6 46.2 69.4

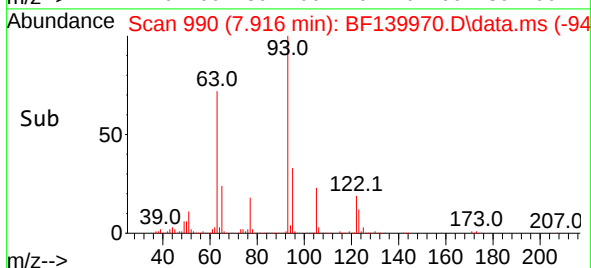
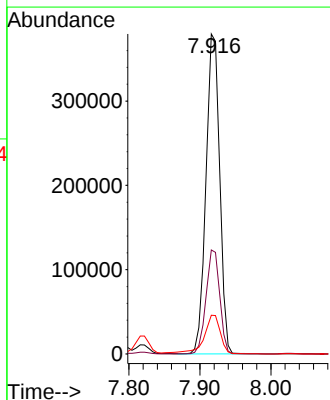
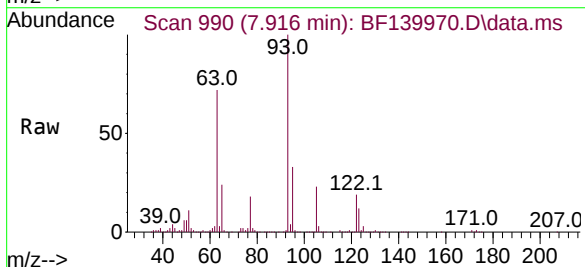
Manual Integrations
APPROVED

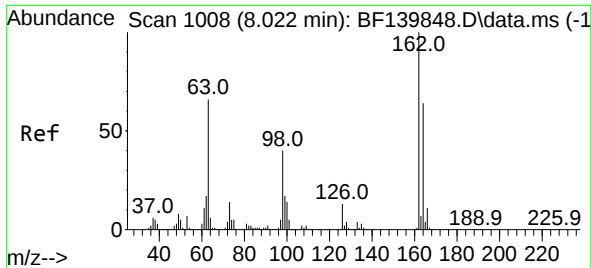
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.617 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Tgt Ion: 93 Resp: 511077
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 12.1 9.8 14.8





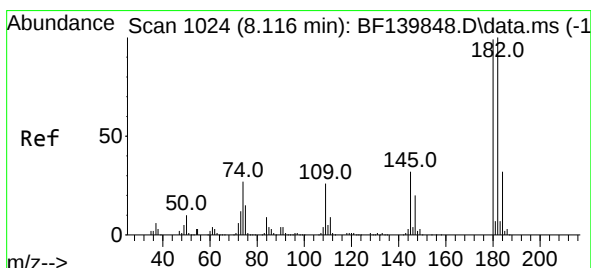
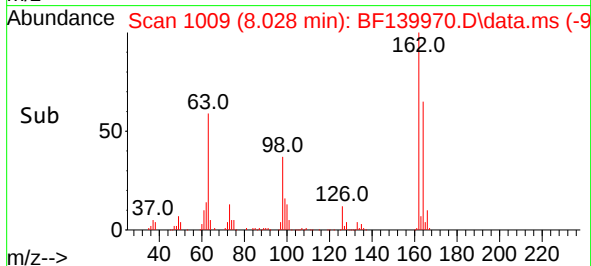
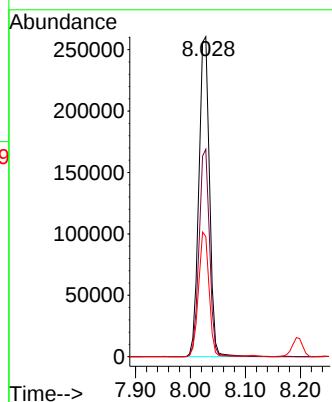
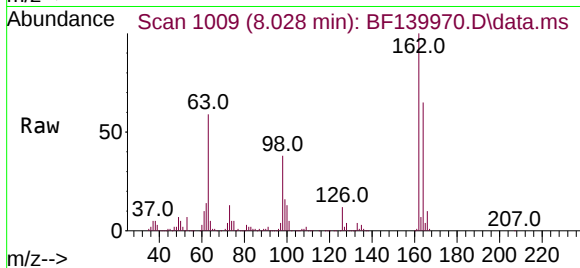
#29
2,4-Dichlorophenol
Concen: 45.980 ng
RT: 8.028 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion:162 Resp: 351914
Ion Ratio Lower Upper
162 100
164 64.8 43.9 83.9
98 37.5 19.9 59.9

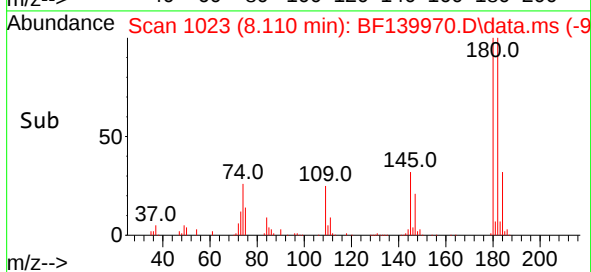
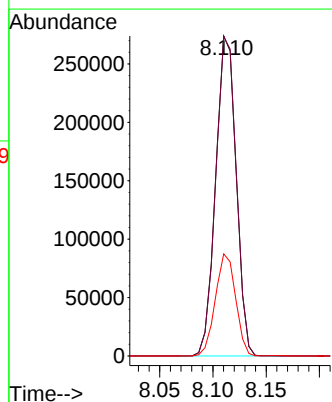
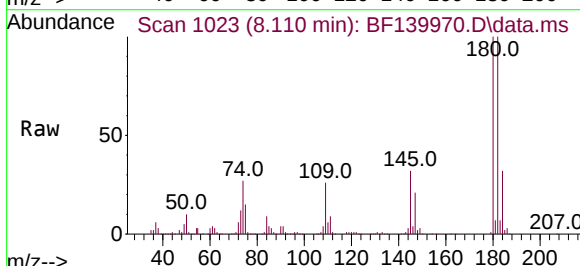
Manual Integrations
APPROVED

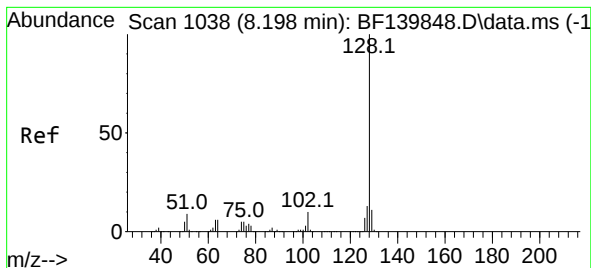
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.151 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Tgt Ion:180 Resp: 365443
Ion Ratio Lower Upper
180 100
182 99.8 80.5 120.7
145 31.9 25.4 38.0





#31

Naphthalene

Concen: 51.466 ng

RT: 8.193 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion:128 Resp: 143326

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

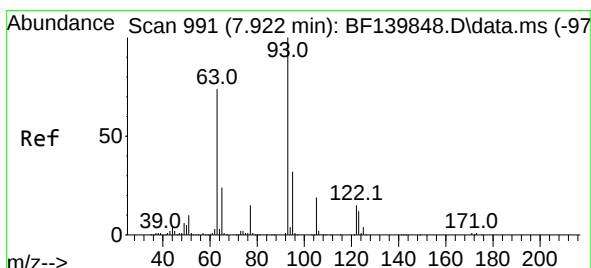
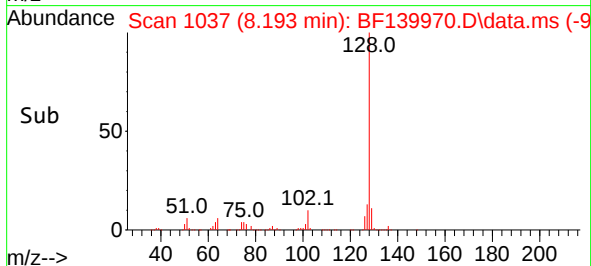
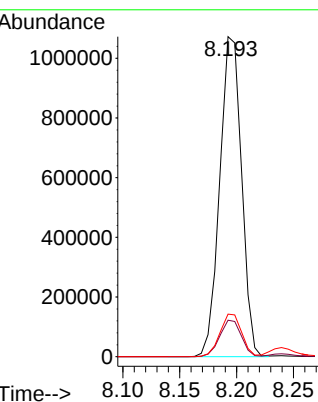
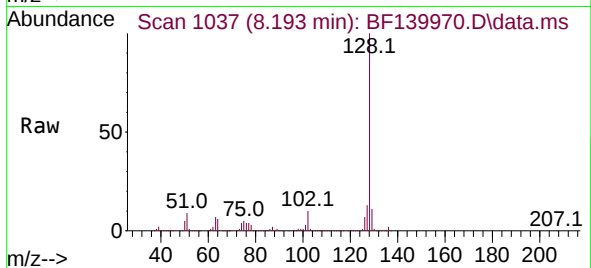
127 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#32

Benzoic acid

Concen: 43.040 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

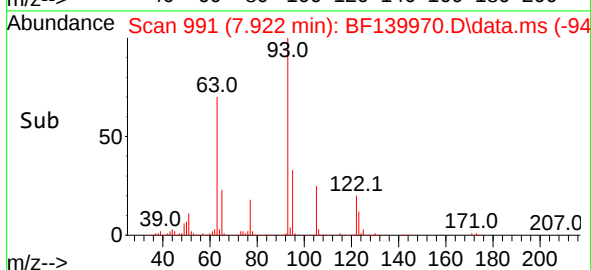
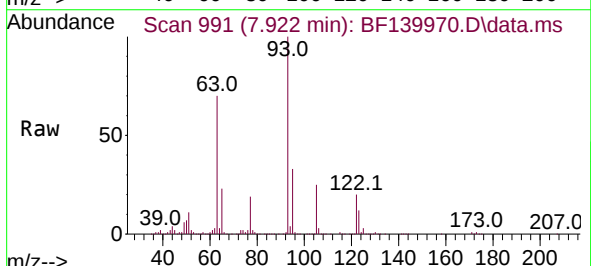
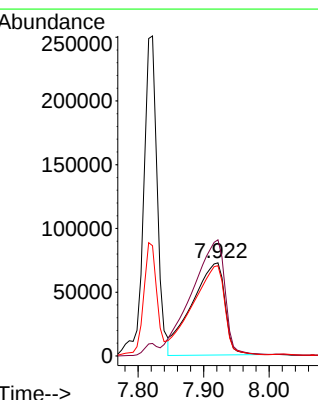
Tgt Ion:122 Resp: 252244

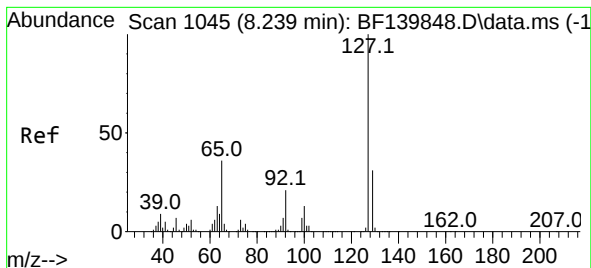
Ion Ratio Lower Upper

122 100

105 124.8 107.6 147.6

77 96.9 80.2 120.2





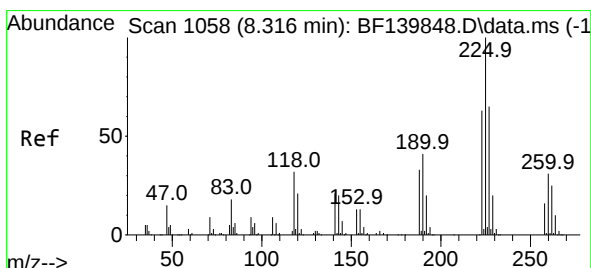
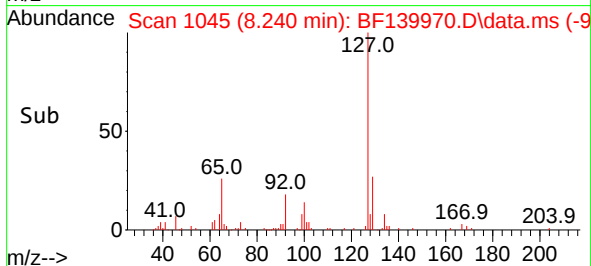
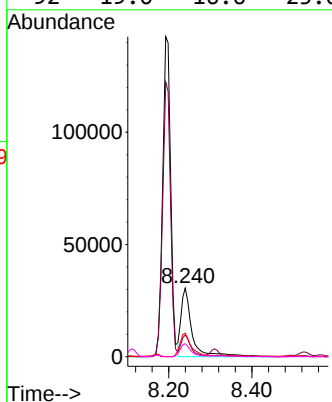
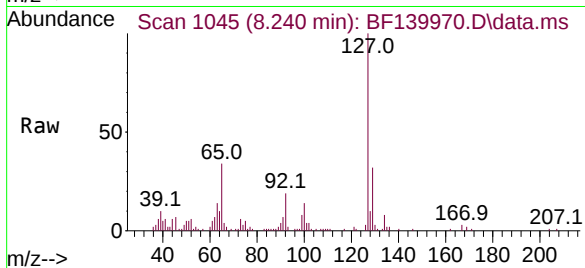
#33
4-Chloroaniline
Concen: 5.920 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion:	127	Resp:	5621
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.4	38.2
65	34.2	28.4	42.6
92	19.0	16.6	25.0

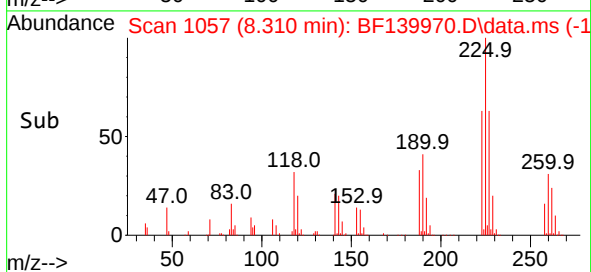
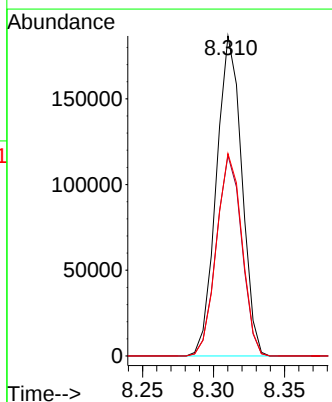
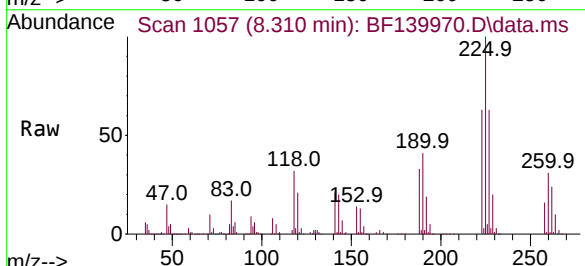
Manual Integrations
APPROVED

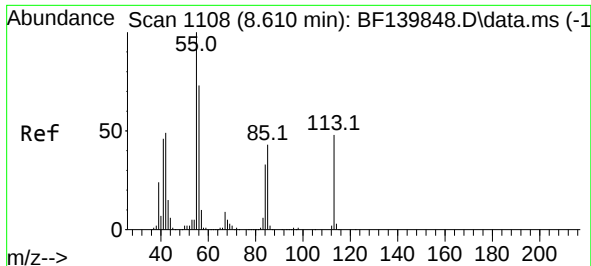
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#34
Hexachlorobutadiene
Concen: 43.553 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

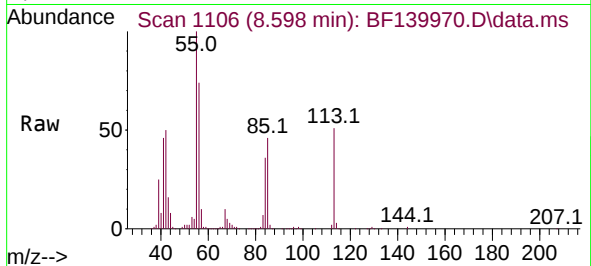
Tgt Ion:	225	Resp:	231750
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.6	76.0
227	63.2	51.8	77.8





#35
 Caprolactam
 Concen: 39.344 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.012 min
 Lab File: BF139970.D
 Acq: 23 Oct 2024 17:59

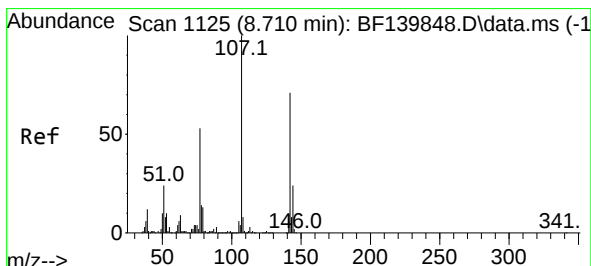
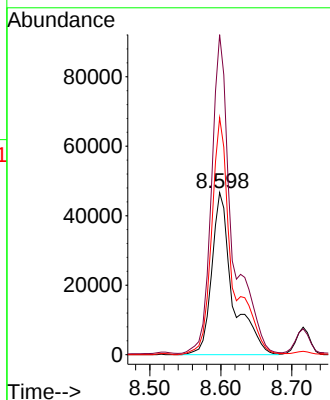
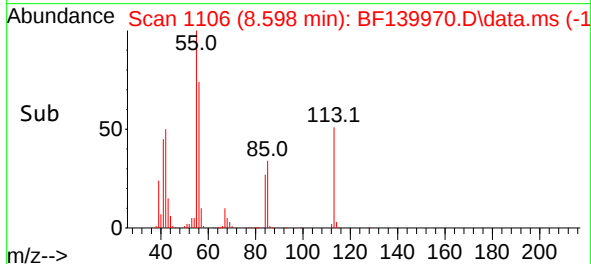
Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMS



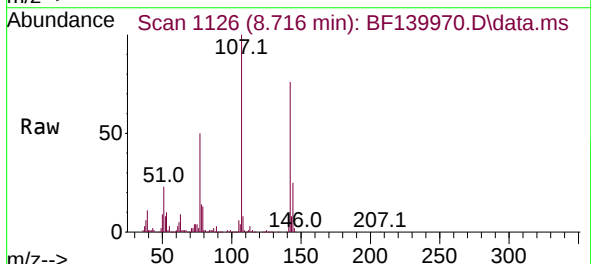
Tgt Ion:113 Resp: 9574
 Ion Ratio Lower Upper
 113 100
 55 197.4 189.2 229.2
 56 146.2 132.5 172.5

Manual Integrations
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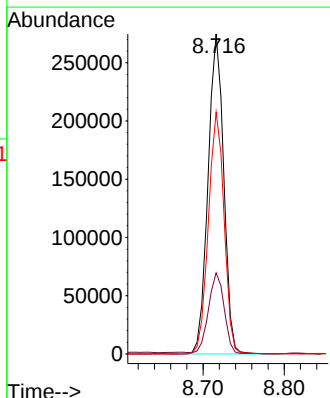
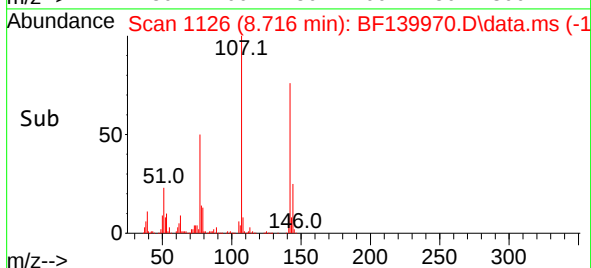
Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

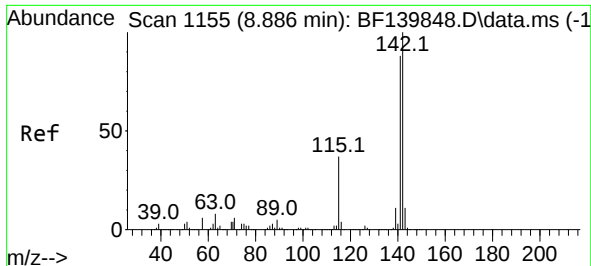


#36
 4-Chloro-3-methylphenol
 Concen: 43.404 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139970.D
 Acq: 23 Oct 2024 17:59



Tgt Ion:107 Resp: 367844
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.1 28.7
 142 75.6 57.2 85.8





#37

2-Methylnaphthalene

Concen: 48.767 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion:142 Resp: 831760

Ion Ratio Lower Upper

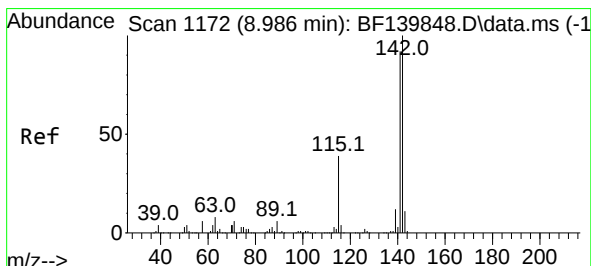
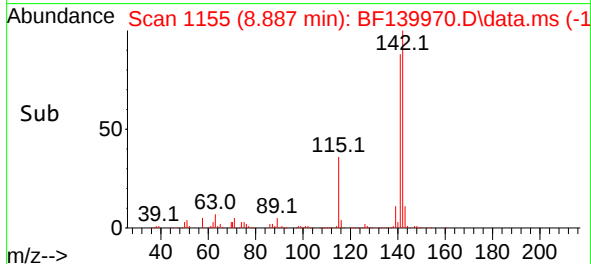
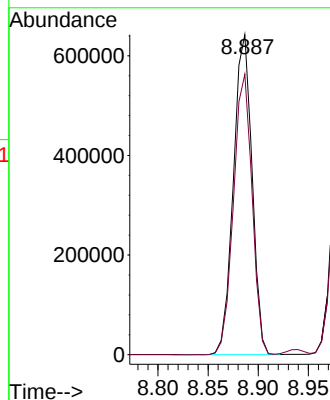
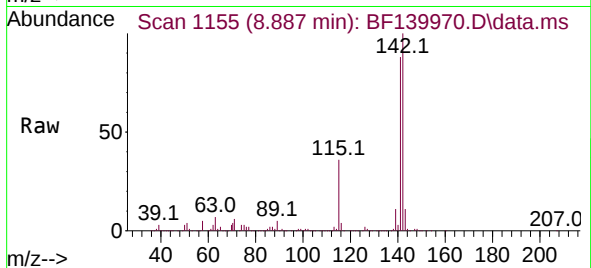
142 100

141 87.6 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#38

1-Methylnaphthalene

Concen: 46.225 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139970.D

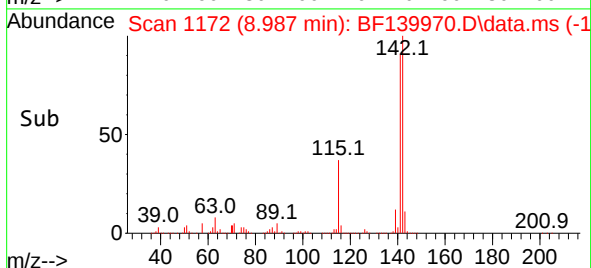
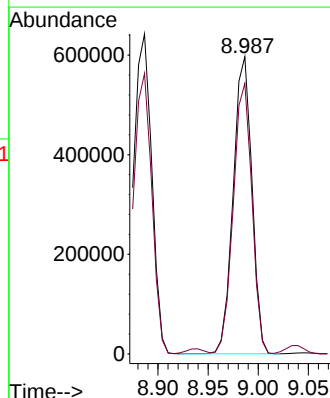
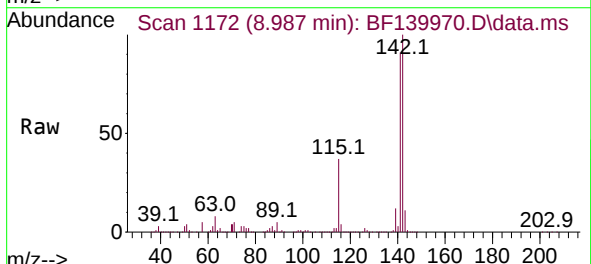
Acq: 23 Oct 2024 17:59

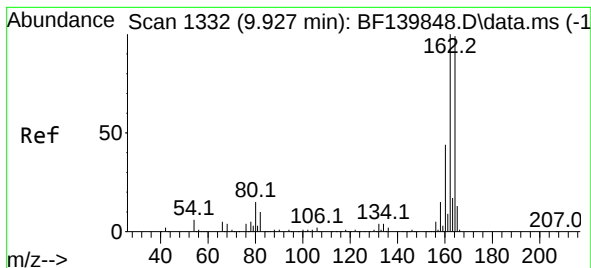
Tgt Ion:142 Resp: 773515

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

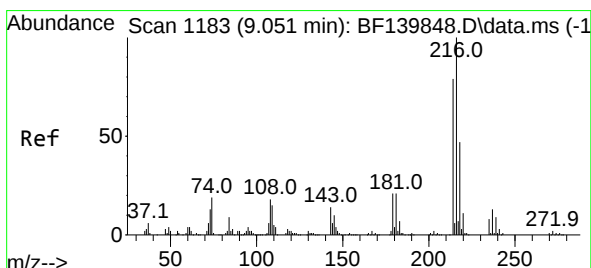
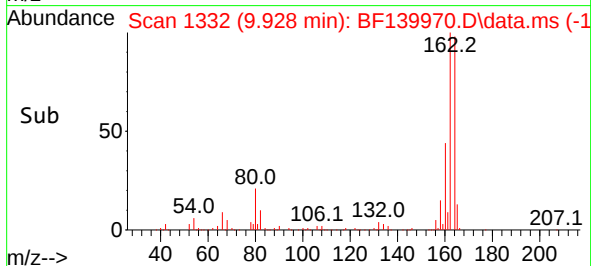
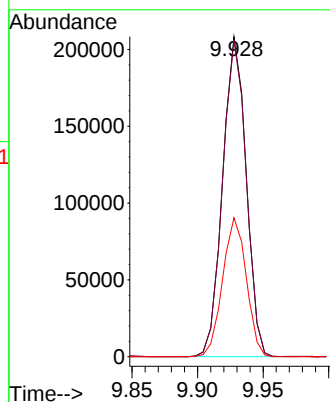
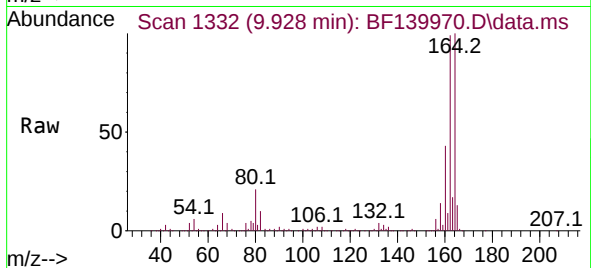
WB-301-BOTMS

Tgt Ion:164 Resp: 259652
 Ion Ratio Lower Upper
 164 100
 162 98.9 81.0 121.4
 160 43.4 35.4 53.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.222 ng

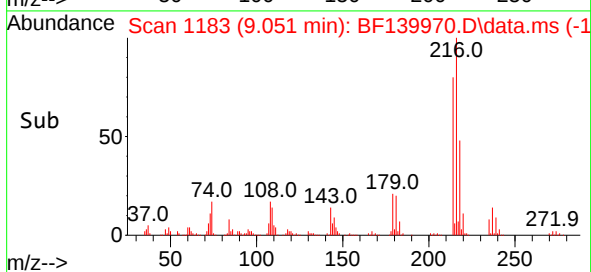
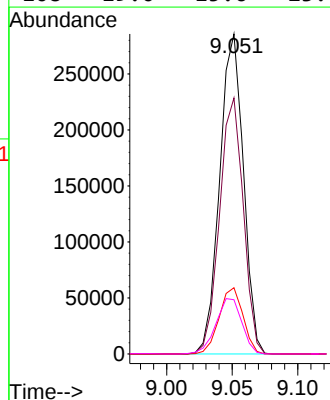
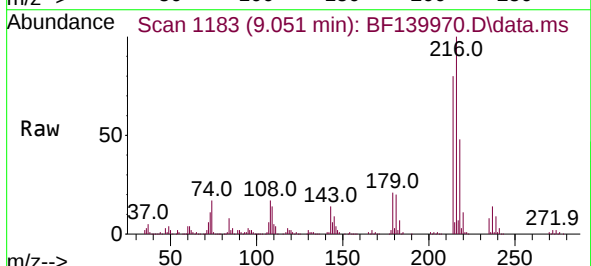
RT: 9.051 min Scan# 1183

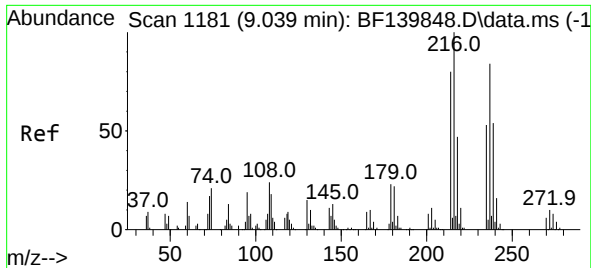
Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

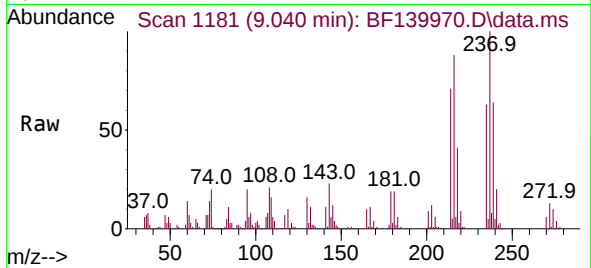
Tgt Ion:216 Resp: 358813
 Ion Ratio Lower Upper
 216 100
 214 79.9 63.4 95.0
 179 20.8 17.2 25.8
 108 19.0 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 82.637 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

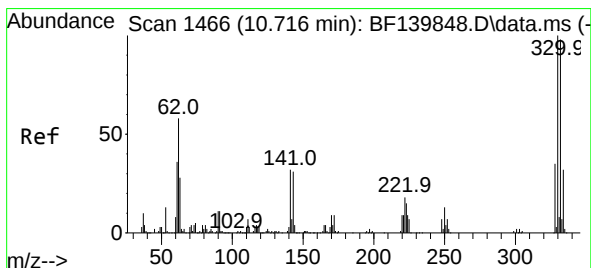
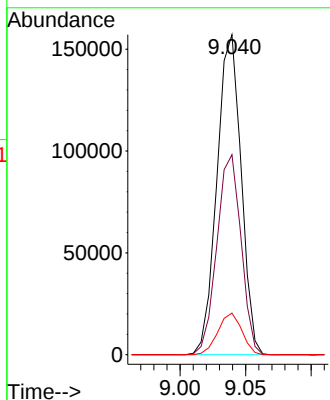
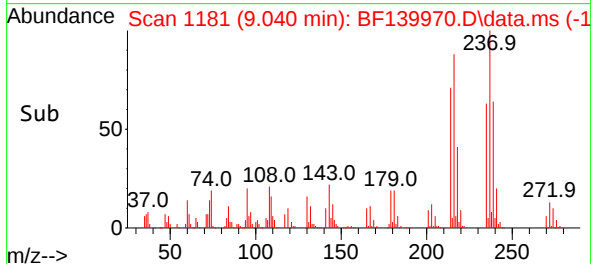
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



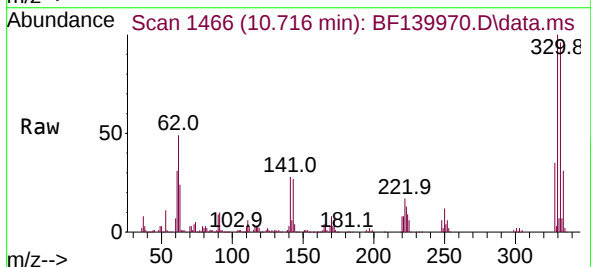
Tgt Ion:237 Resp: 201420
Ion Ratio Lower Upper
237 100
235 62.5 42.9 82.9
272 13.0 0.0 32.3

Manual Integrations
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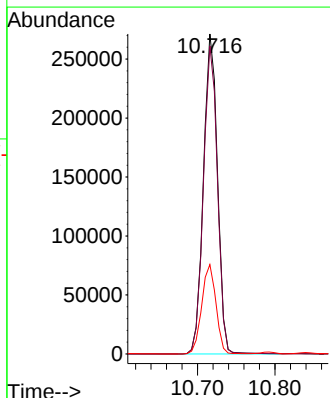
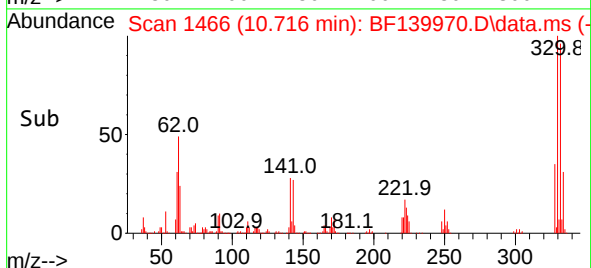
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#42
2,4,6-Tribromophenol
Concen: 140.416 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



Tgt Ion:330 Resp: 341029
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 28.4 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 52.241 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139970.D

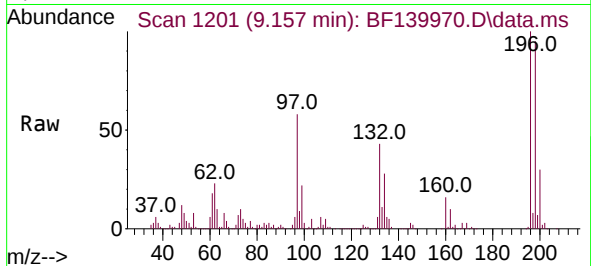
Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

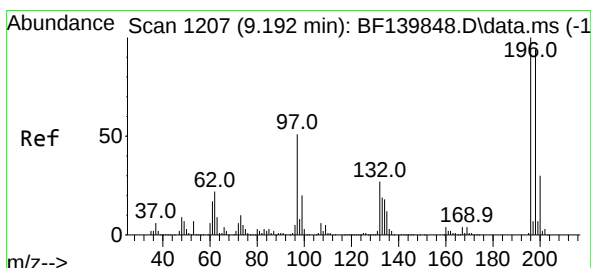
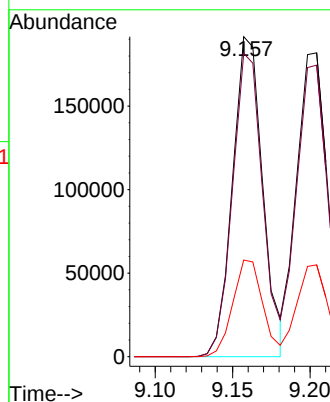
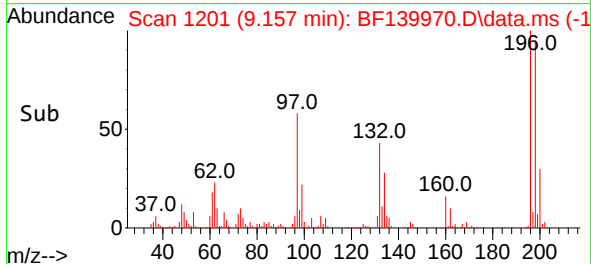


Tgt Ion:196	Resp:	259089
Ion Ratio	Lower	Upper
196	100	
198	94.8	76.2 114.2
200	30.2	24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#44

2,4,5-Trichlorophenol

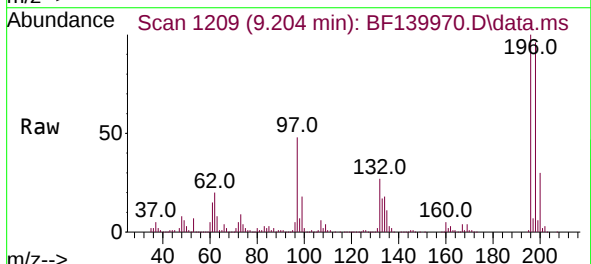
Concen: 49.258 ng

RT: 9.204 min Scan# 1209

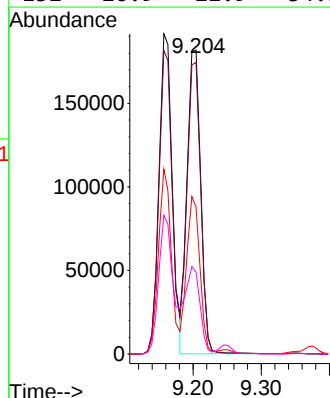
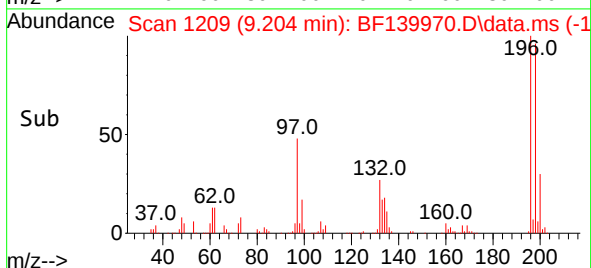
Delta R.T. 0.012 min

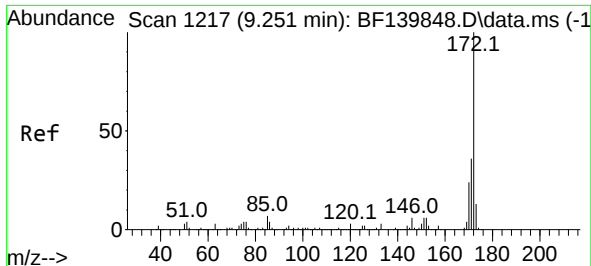
Lab File: BF139970.D

Acq: 23 Oct 2024 17:59



Tgt Ion:196	Resp:	252046
Ion Ratio	Lower	Upper
196	100	
198	95.9	75.8 113.6
97	48.3	41.8 62.6
132	26.9	22.9 34.3





#45

2-Fluorobiphenyl

Concen: 101.950 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

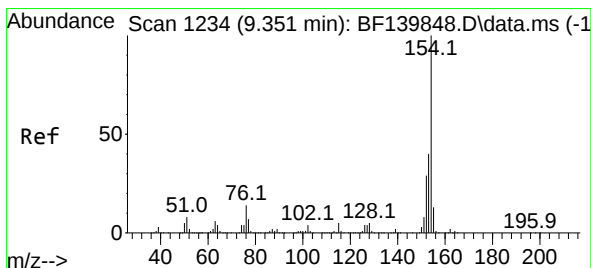
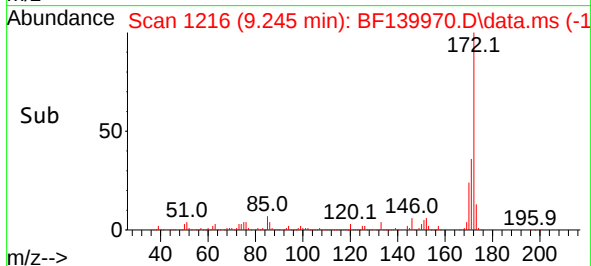
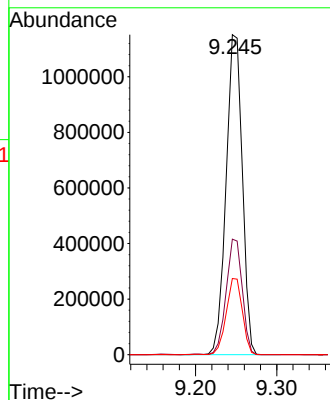
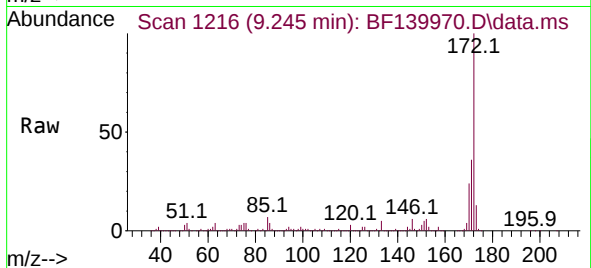
Tgt Ion:172 Resp: 160172

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#46

1,1'-Biphenyl

Concen: 50.056 ng

RT: 9.351 min Scan# 1234

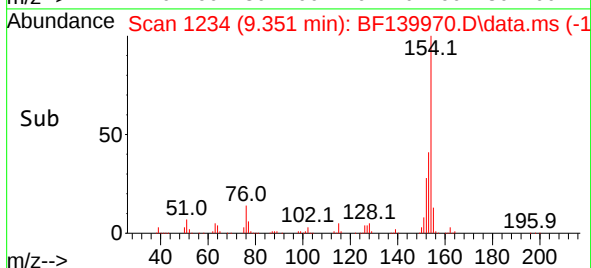
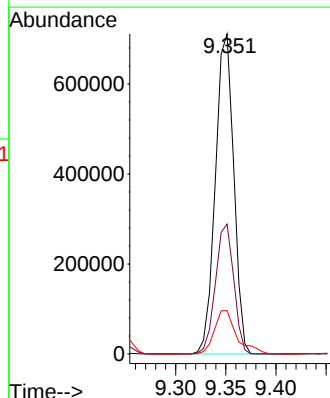
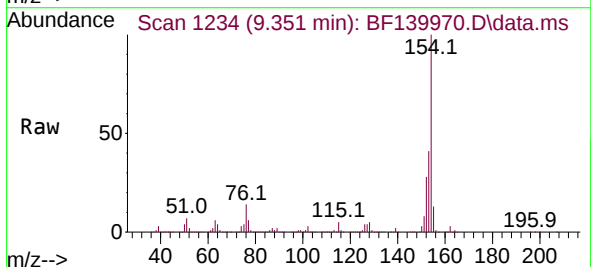
Delta R.T. 0.000 min

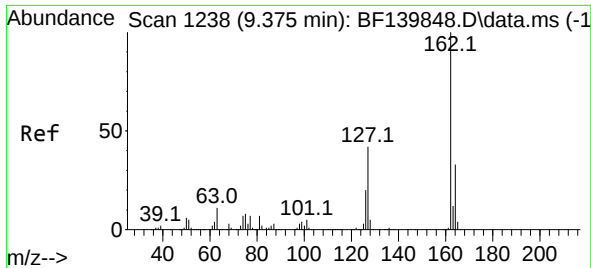
Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Tgt Ion:154 Resp: 904792

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.6	0.0	33.9





#47

2-Chloronaphthalene

Concen: 48.424 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

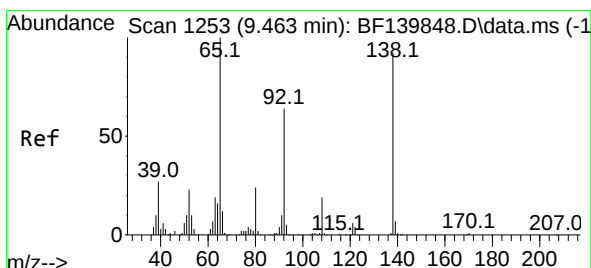
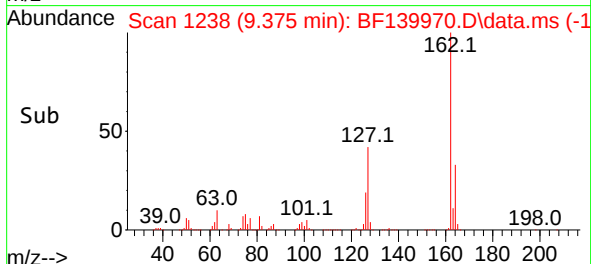
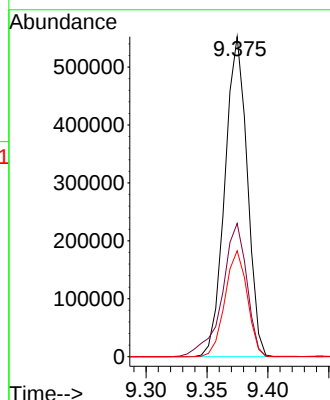
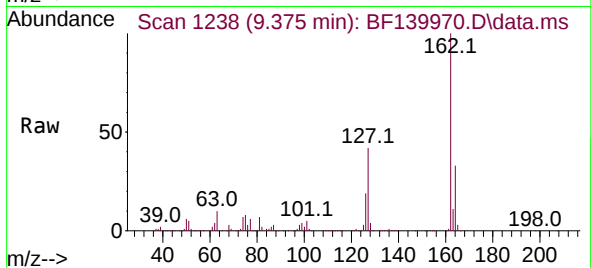
Tgt Ion:162 Resp: 704968

Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.8	50.6
164	33.1	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#48

2-Nitroaniline

Concen: 52.569 ng

RT: 9.463 min Scan# 1253

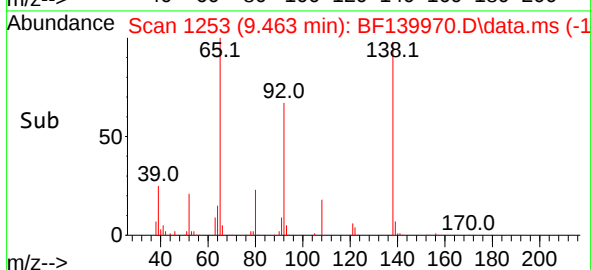
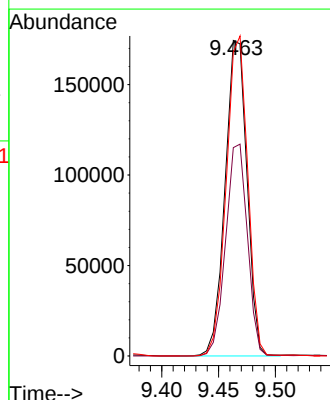
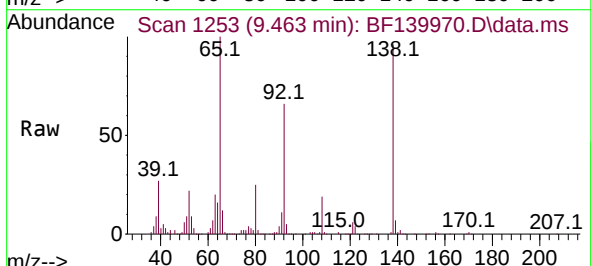
Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Tgt Ion: 65 Resp: 234065

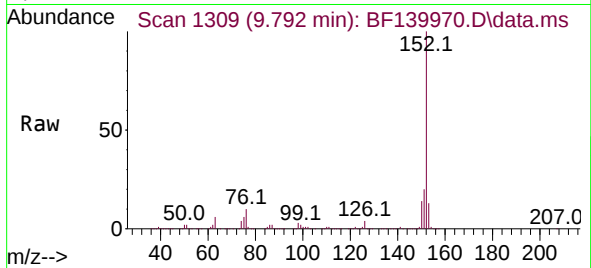
Ion	Ratio	Lower	Upper
65	100		
92	66.0	50.9	76.3
138	96.3	73.4	110.0





#49
Acenaphthylene
Concen: 50.805 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

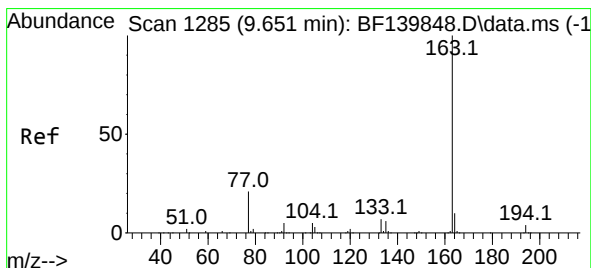
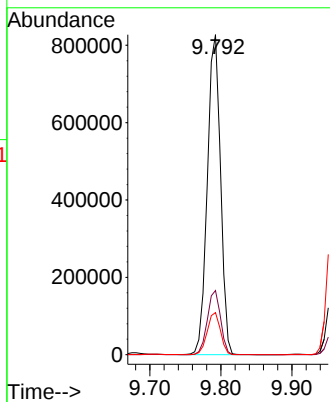
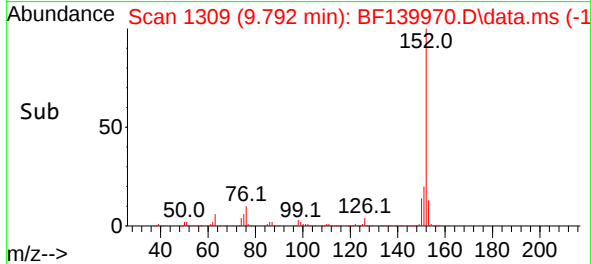
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



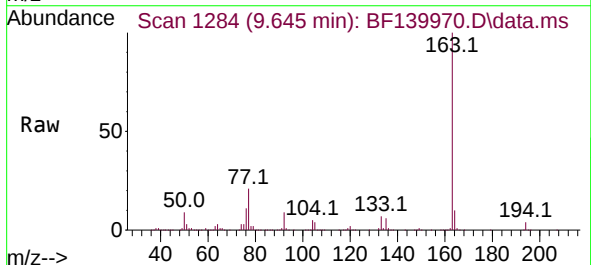
Tgt Ion:152 Resp: 106928
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.7 16.1

Manual Integrations
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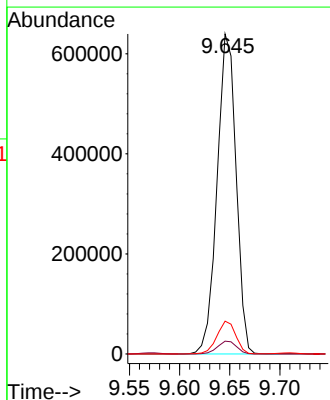
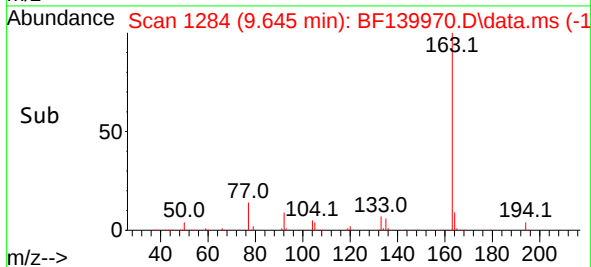
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

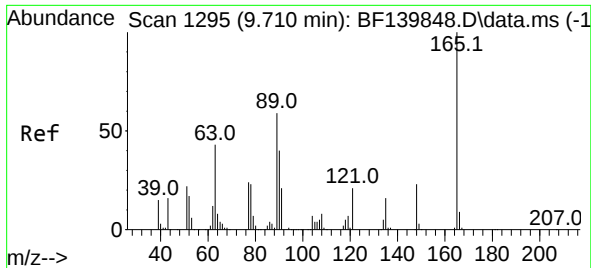


#50
Dimethylphthalate
Concen: 51.995 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



Tgt Ion:163 Resp: 840924
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.2 12.2





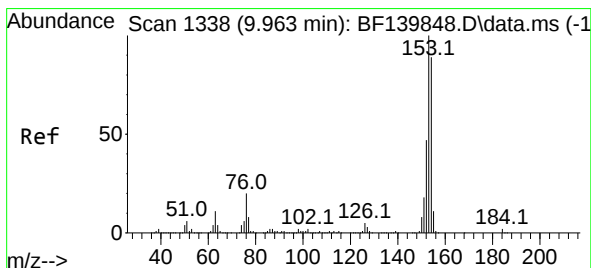
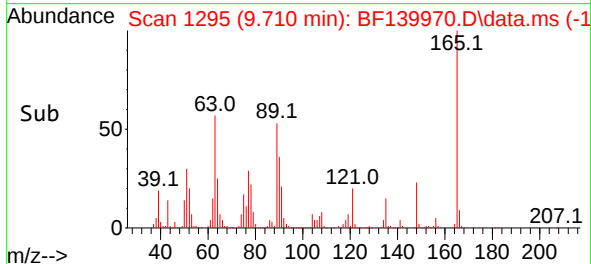
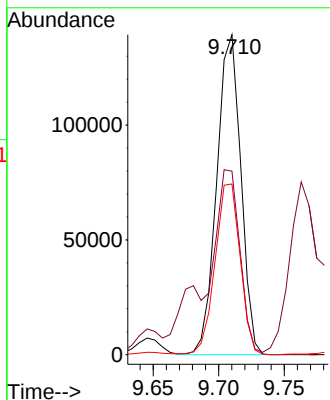
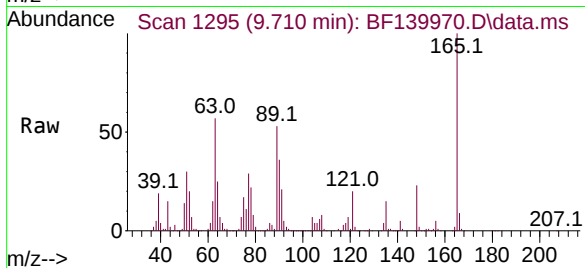
#51
2,6-Dinitrotoluene
Concen: 50.929 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion:165 Resp: 17834
Ion Ratio Lower Upper
165 100
63 57.3 50.6 75.8
89 53.3 47.5 71.3

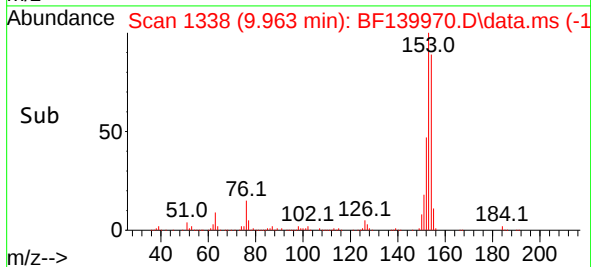
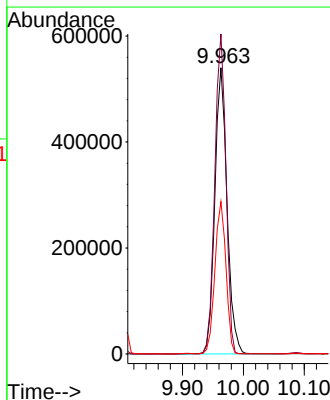
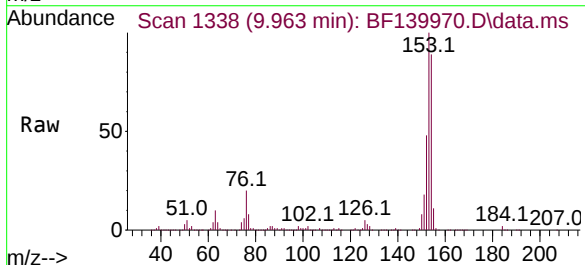
Manual Integrations
APPROVED

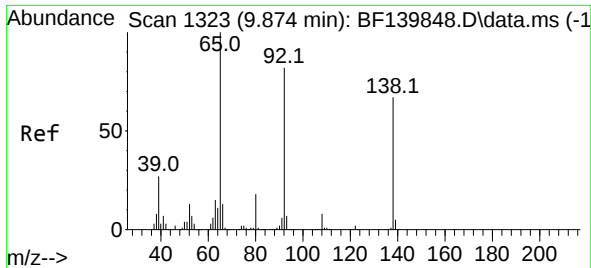
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#52
Acenaphthene
Concen: 55.277 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

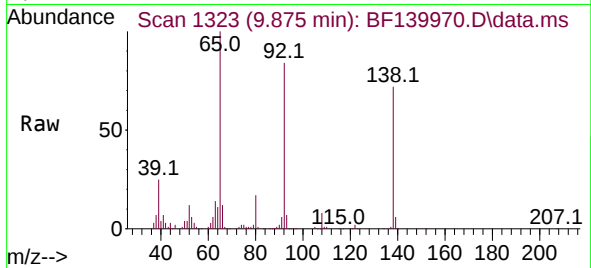
Tgt Ion:154 Resp: 752606
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 53.2 42.4 63.6





#53
3-Nitroaniline
Concen: 19.929 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

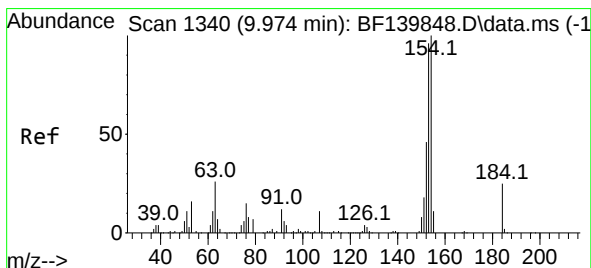
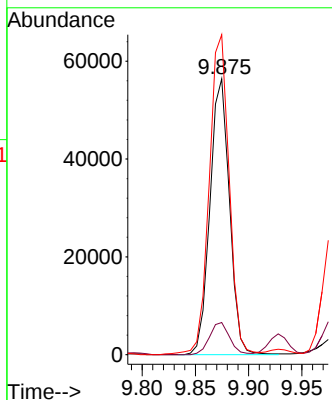
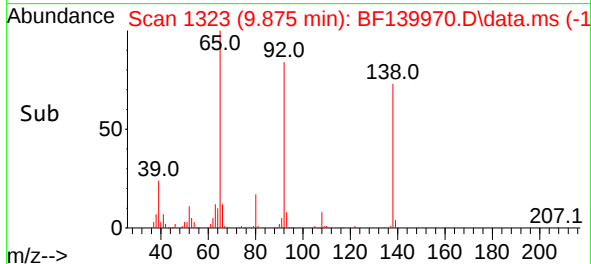
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



Tgt Ion:138 Resp: 7196
Ion Ratio Lower Upper
138 100
108 11.6 10.2 15.2
92 116.0 98.3 147.5

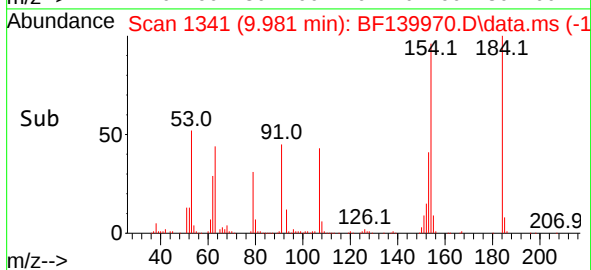
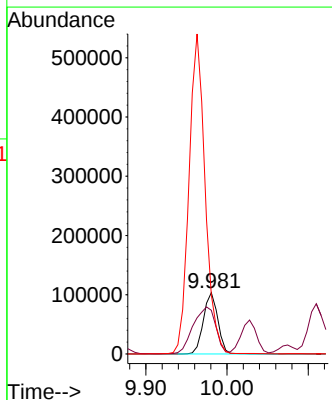
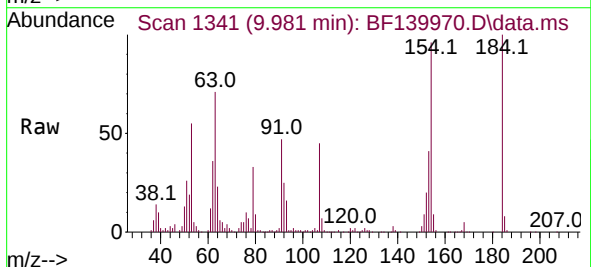
Manual Integrations
APPROVED

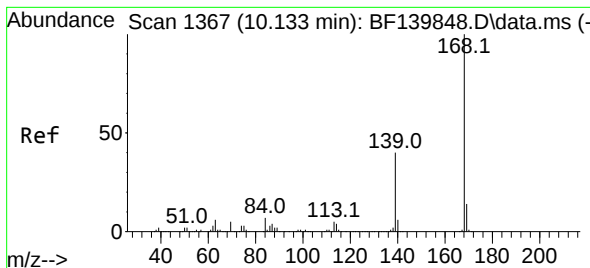
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#54
2,4-Dinitrophenol
Concen: 87.042 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

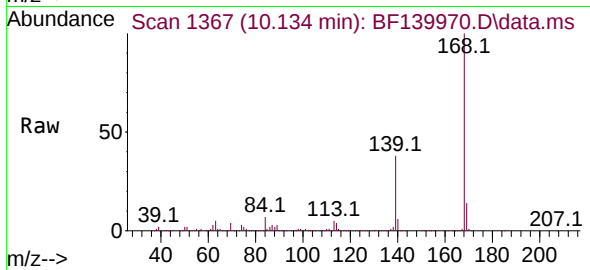
Tgt Ion:184 Resp: 127551
Ion Ratio Lower Upper
184 100
63 71.4 84.7 127.1#
154 96.5 338.2 507.2#





#55
Dibenzenofuran
Concen: 47.698 ng
RT: 10.134 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

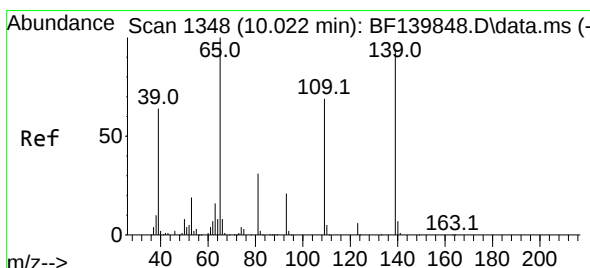
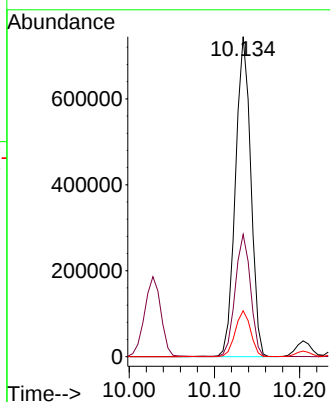
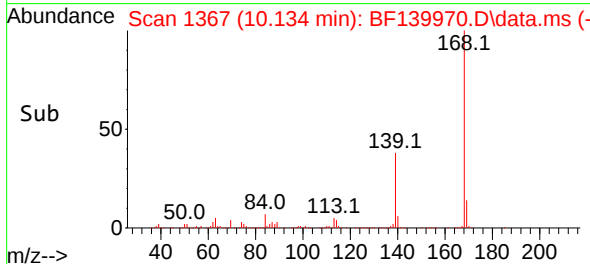
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



Tgt Ion:168 Resp: 931769
Ion Ratio Lower Upper
168 100
139 38.2 31.8 47.6
169 14.3 11.6 17.4

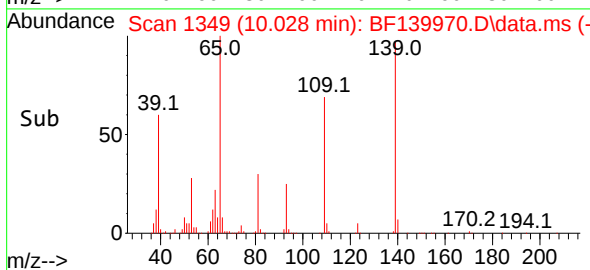
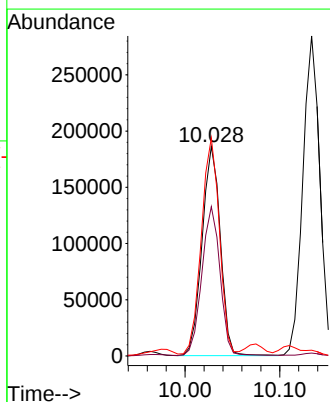
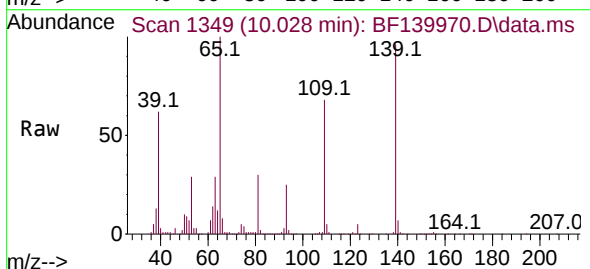
Manual Integrations
APPROVED

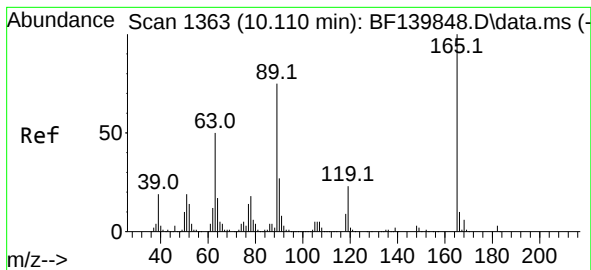
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#56
4-Nitrophenol
Concen: 89.405 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

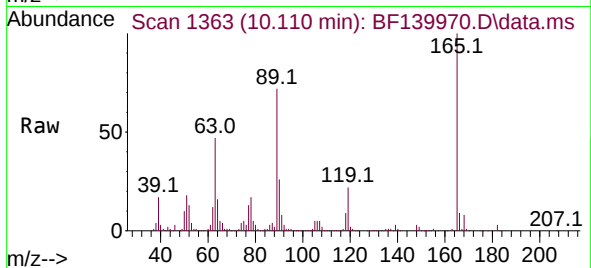
Tgt Ion:139 Resp: 248396
Ion Ratio Lower Upper
139 100
109 71.2 53.6 93.6
65 104.1 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 51.967 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

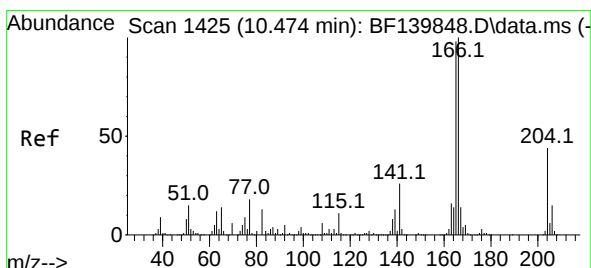
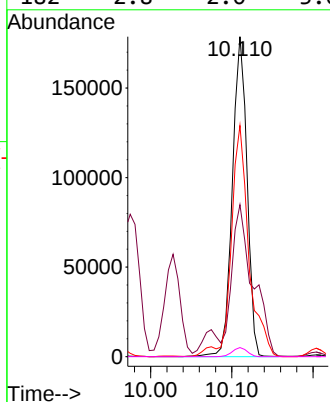
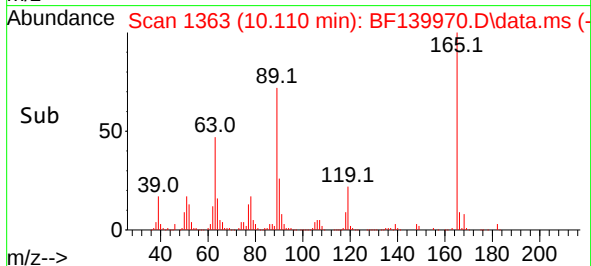
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



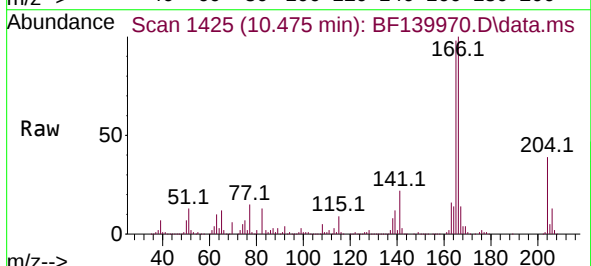
Tgt Ion:165 Resp: 22378
Ion Ratio Lower Upper
165 100
63 47.5 40.1 60.1
89 72.2 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations
APPROVED

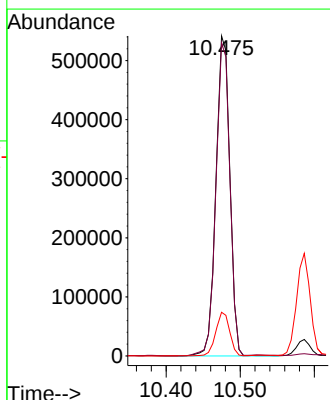
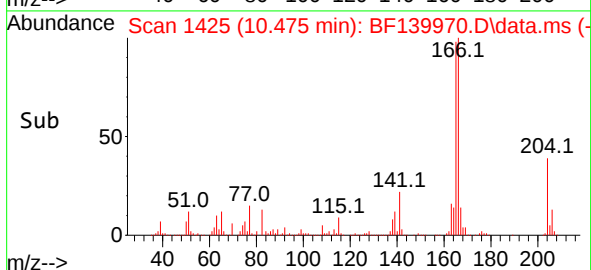
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#58
Fluorene
Concen: 47.531 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



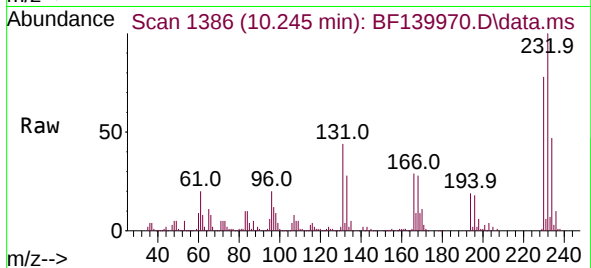
Tgt Ion:166 Resp: 707194
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.643 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

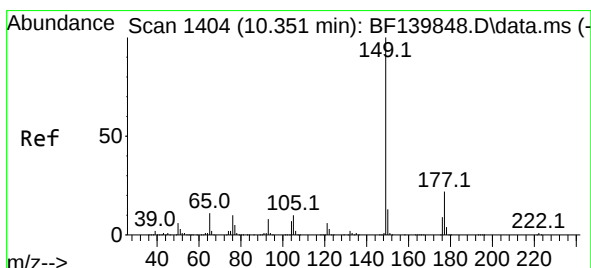
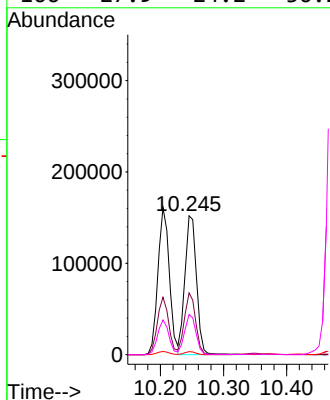
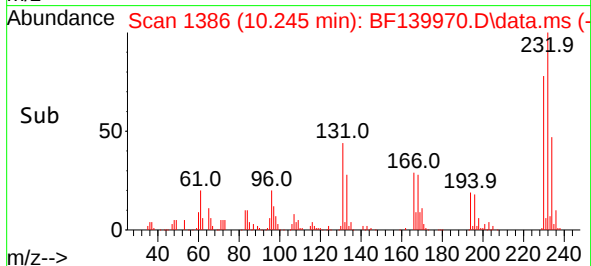
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



Tgt Ion:232 Resp: 195120
Ion Ratio Lower Upper
232 100
131 42.8 37.0 55.6
130 2.1 1.9 2.9
166 27.9 24.2 36.2

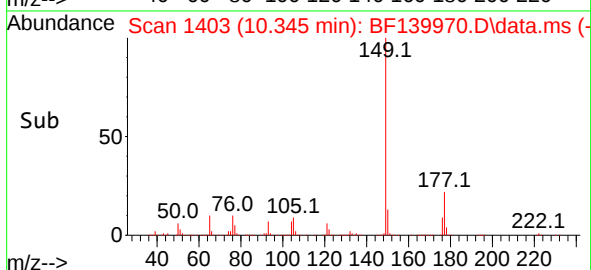
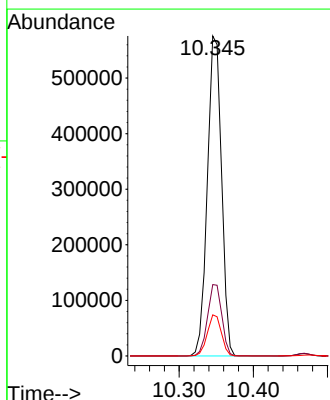
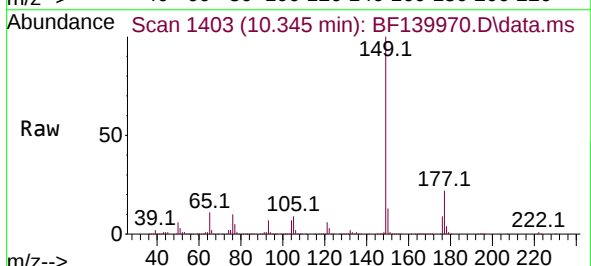
Manual Integrations
APPROVED

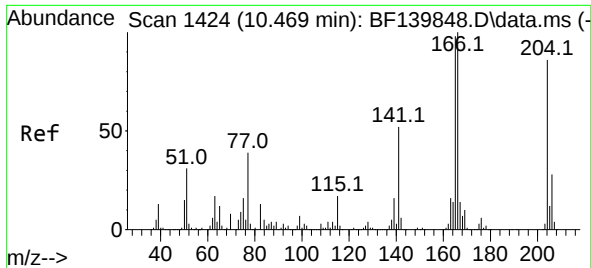
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#60
Diethylphthalate
Concen: 48.108 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

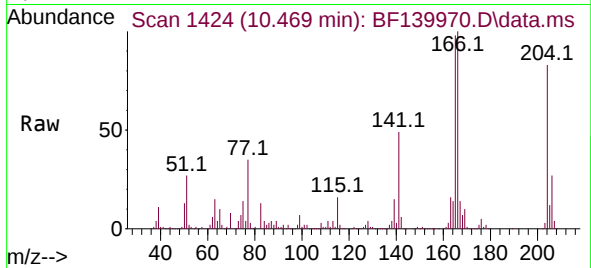
Tgt Ion:149 Resp: 763940
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.864 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

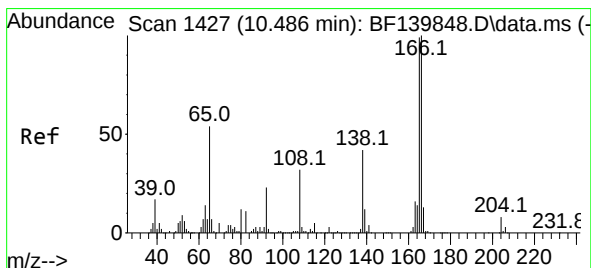
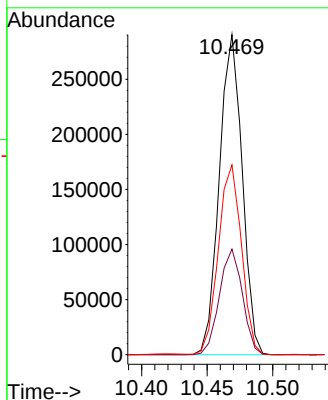
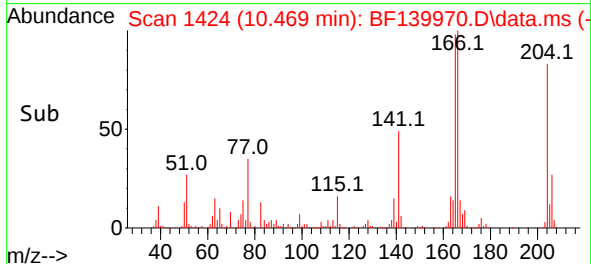
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



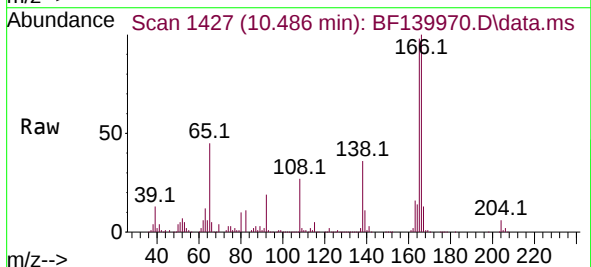
Tgt Ion:204 Resp: 35212
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 59.3 48.6 73.0

Manual Integrations
APPROVED

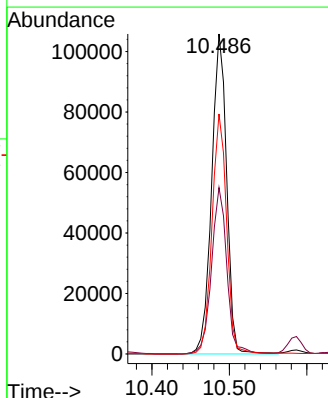
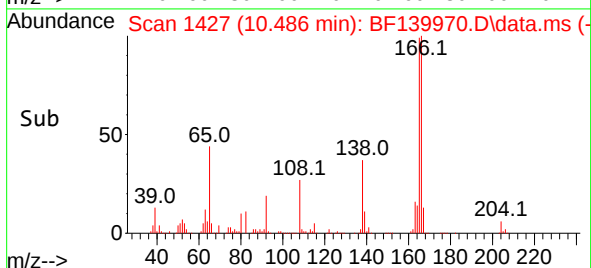
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

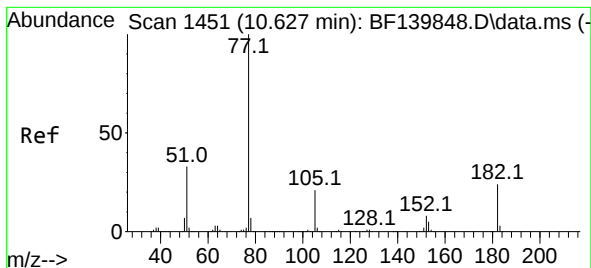


#62
4-Nitroaniline
Concen: 41.712 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



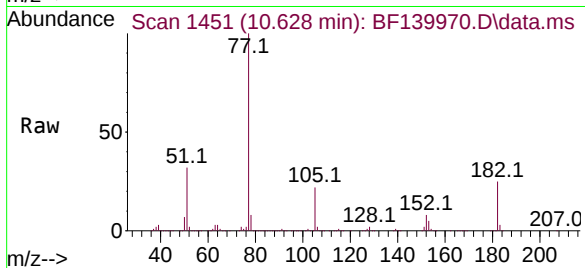
Tgt Ion:138 Resp: 142265
Ion Ratio Lower Upper
138 100
92 52.0 35.7 75.7
108 75.0 57.5 97.5





#63
Azobenzene
Concen: 43.786 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

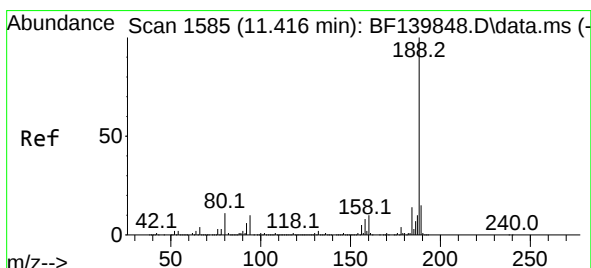
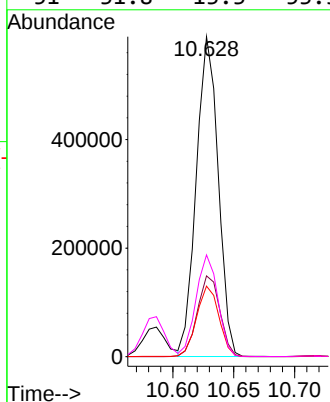
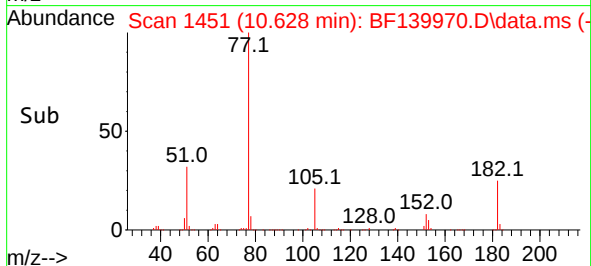
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



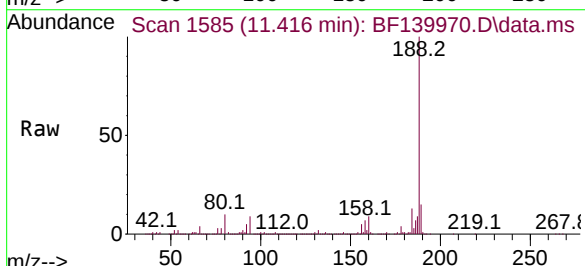
Tgt Ion: 77 Resp: 73713
Ion Ratio Lower Upper
77 100
182 25.3 3.3 43.3
105 22.1 1.2 41.2
51 31.8 13.3 53.3

Manual Integrations
APPROVED

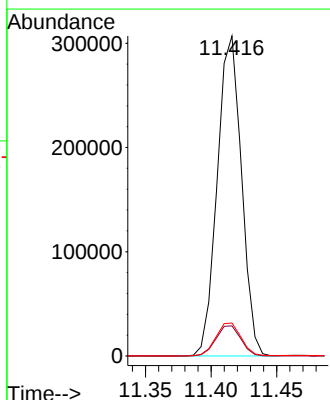
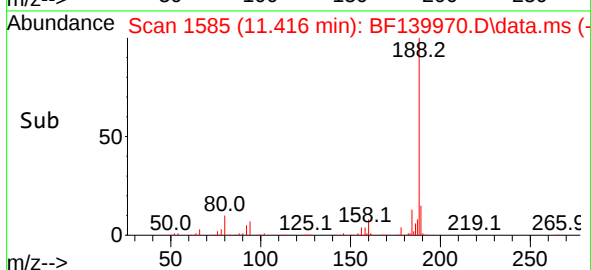
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

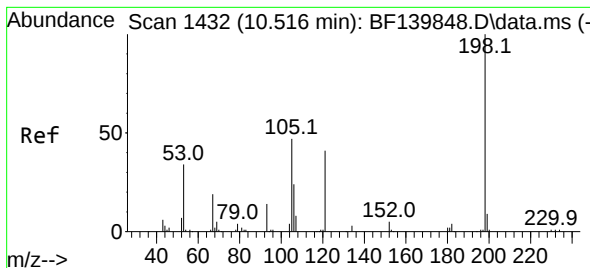


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



Tgt Ion:188 Resp: 394534
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.3 9.0 13.4





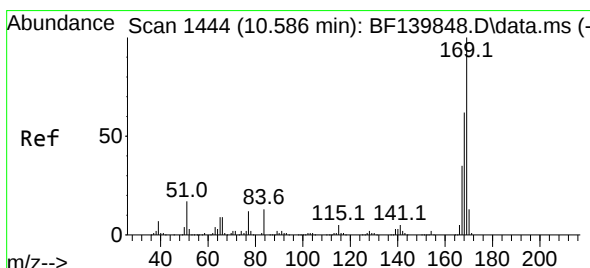
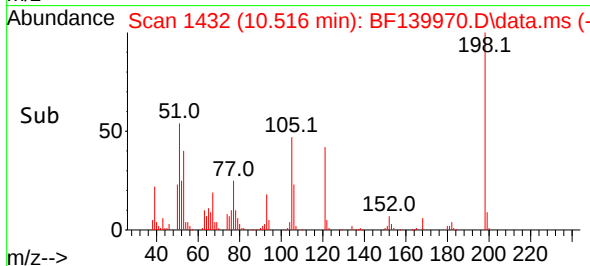
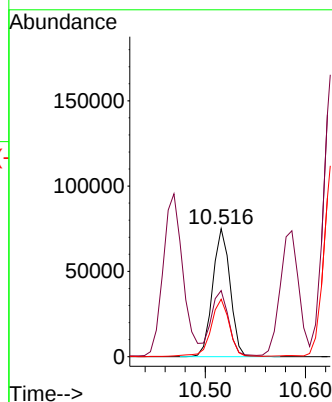
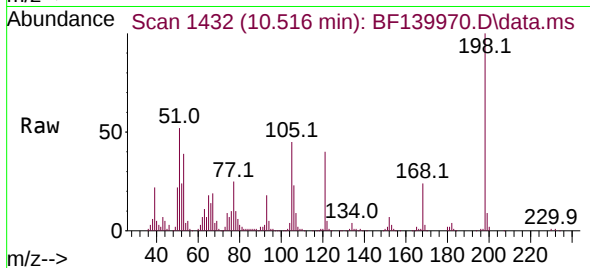
#65
4,6-Dinitro-2-methylphenol
Concen: 56.329 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Tgt Ion:198 Resp: 90649
Ion Ratio Lower Upper
198 100
51 51.7 38.2 78.2
105 44.9 27.9 67.9

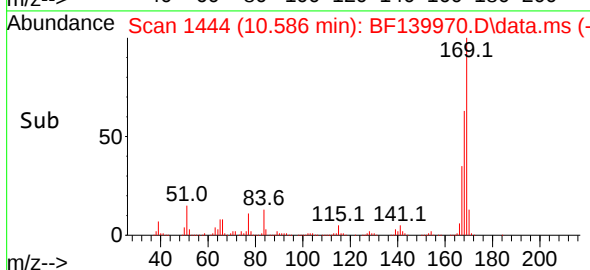
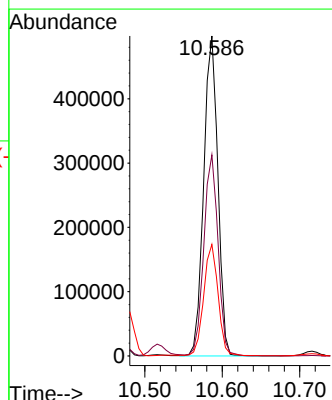
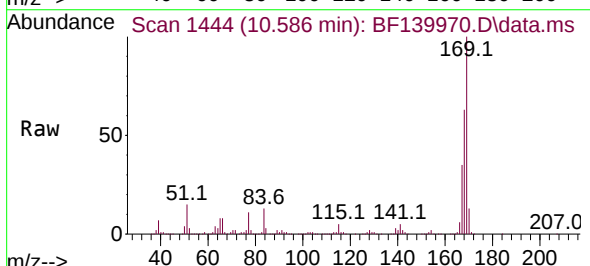
Manual Integrations
APPROVED

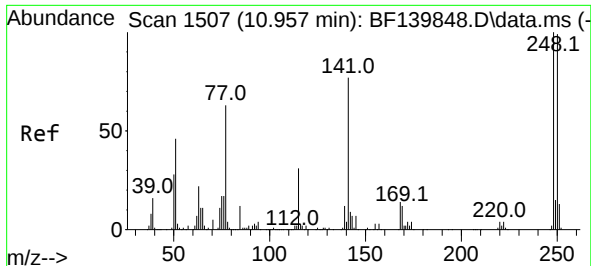
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#66
n-Nitrosodiphenylamine
Concen: 53.461 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

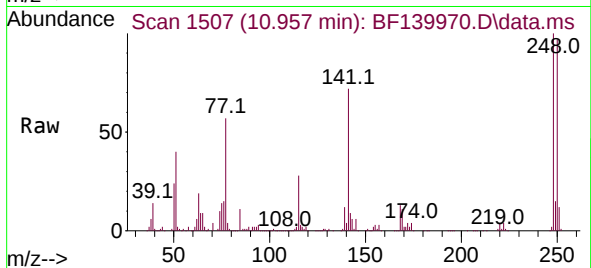
Tgt Ion:169 Resp: 631286
Ion Ratio Lower Upper
169 100
168 62.9 49.8 74.6
167 34.9 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 53.291 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

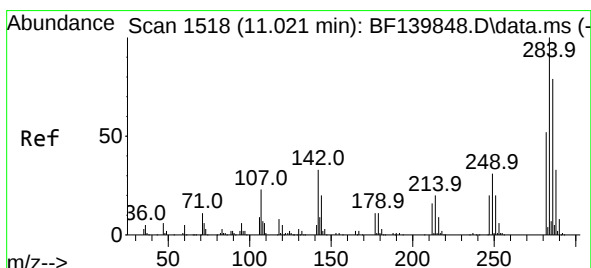
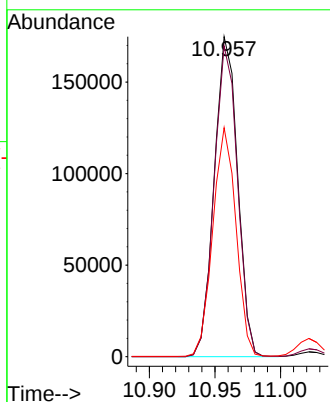
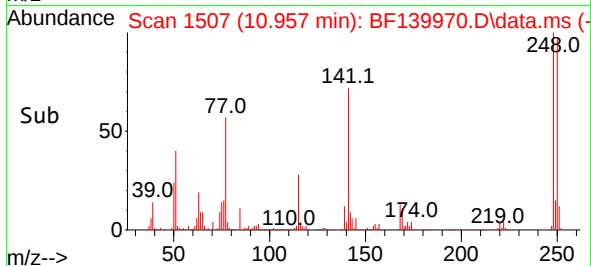
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



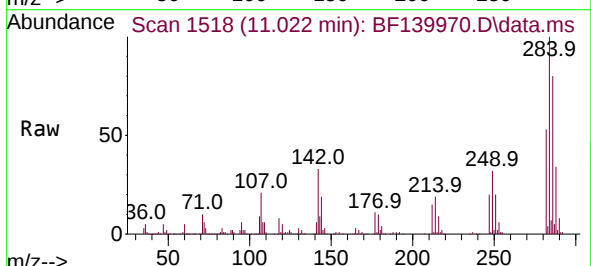
Tgt Ion:248 Resp: 216597
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 71.5 61.7 92.5

Manual Integrations
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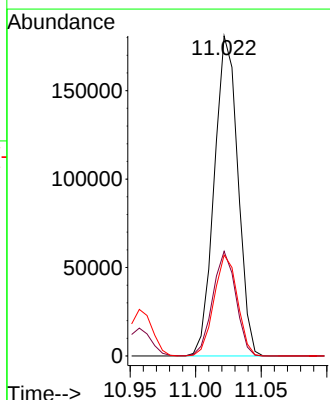
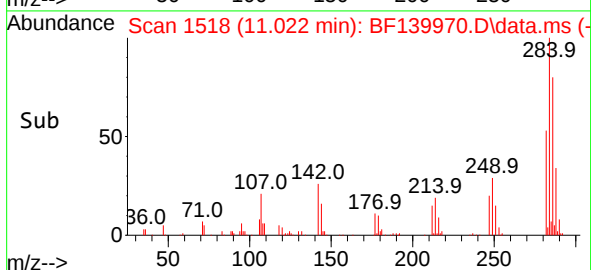
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#68
Hexachlorobenzene
Concen: 49.463 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



Tgt Ion:284 Resp: 226101
Ion Ratio Lower Upper
284 100
142 32.7 26.9 40.3
249 31.6 25.3 37.9





#69

Atrazine

Concen: 50.609 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion:200 Resp: 161884

Ion Ratio Lower Upper

200 100

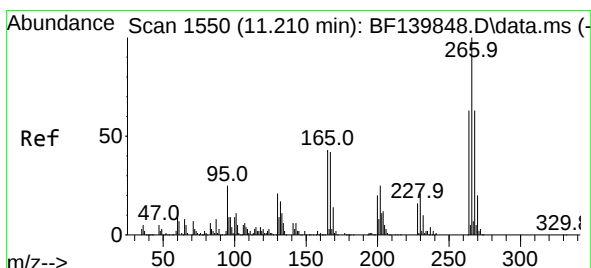
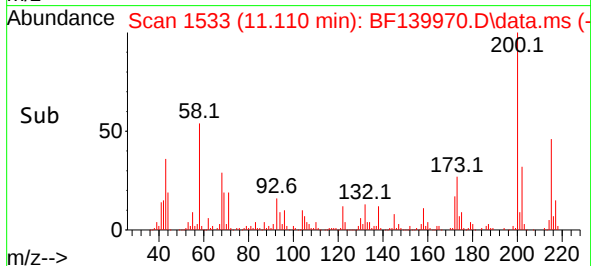
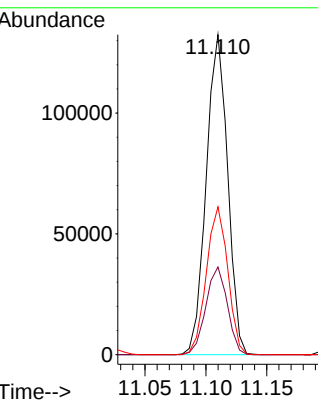
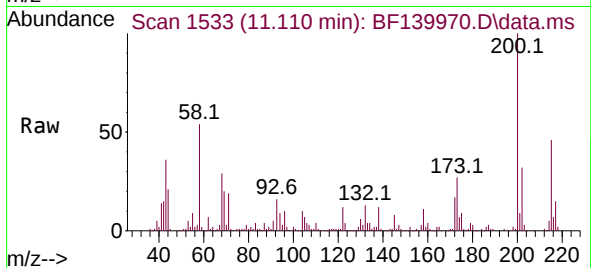
173 27.4 7.7 47.7

215 46.2 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#70

Pentachlorophenol

Concen: 101.510 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

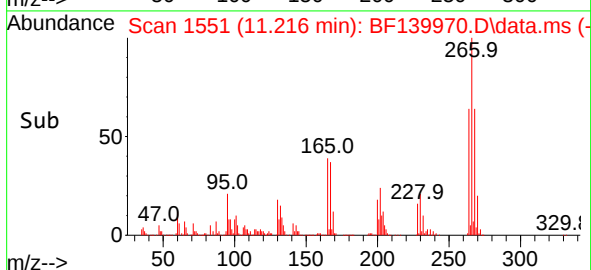
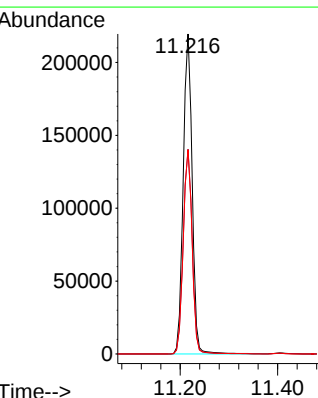
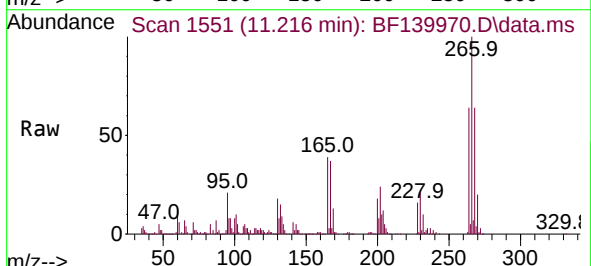
Tgt Ion:266 Resp: 281614

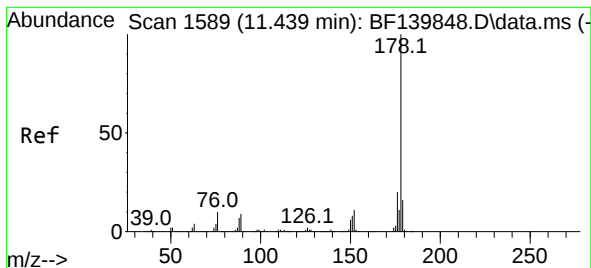
Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

264 63.9 50.6 75.8





#71

Phenanthrene

Concen: 52.315 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

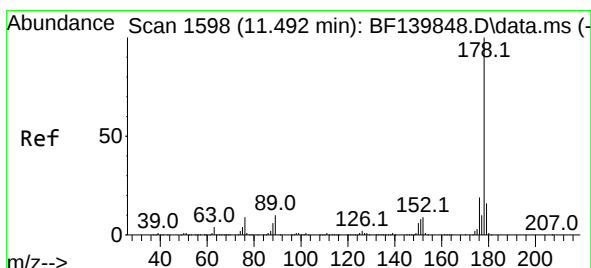
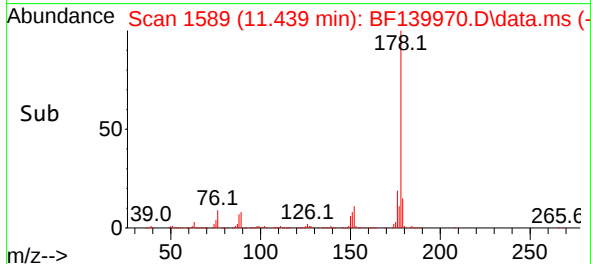
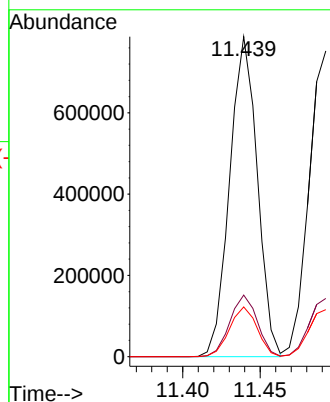
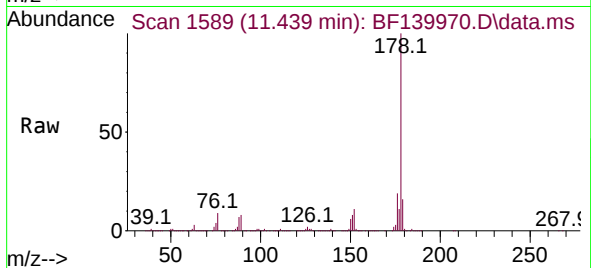
Tgt Ion:178 Resp: 97494

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.6	12.6	18.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#72

Anthracene

Concen: 52.435 ng

RT: 11.492 min Scan# 1598

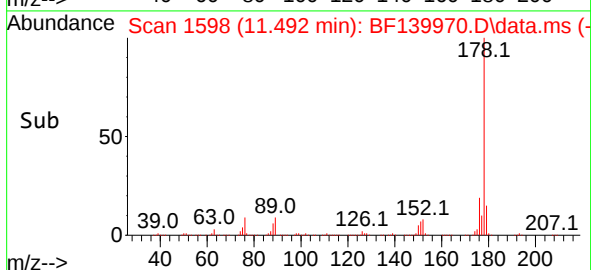
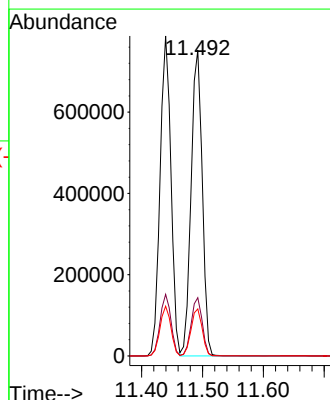
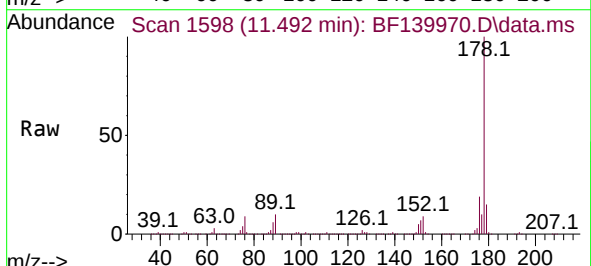
Delta R.T. 0.000 min

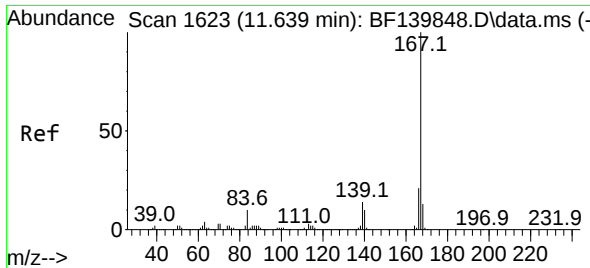
Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Tgt Ion:178 Resp: 953433

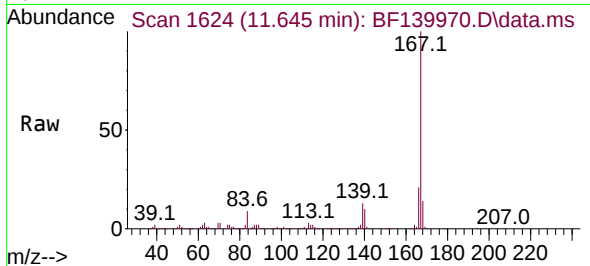
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.4	18.6





#73
 Carbazole
 Concen: 48.199 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF139970.D
 Acq: 23 Oct 2024 17:59

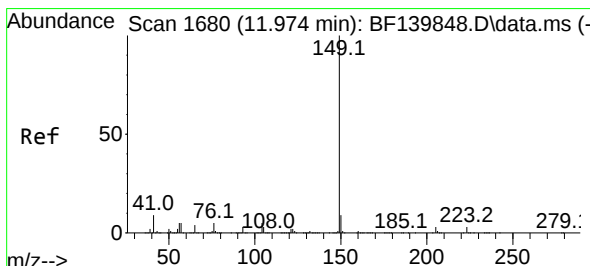
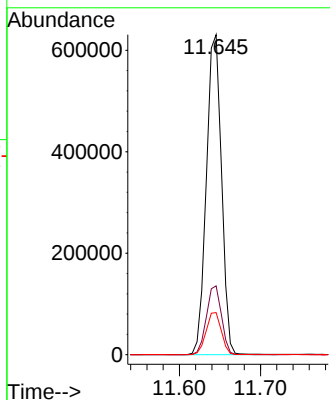
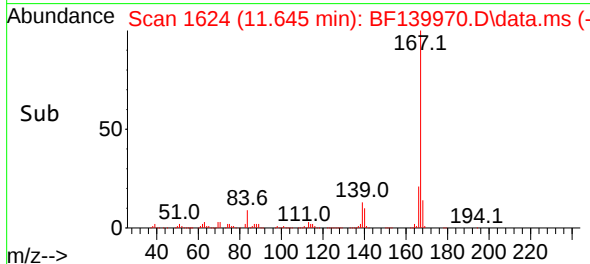
Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOTMS



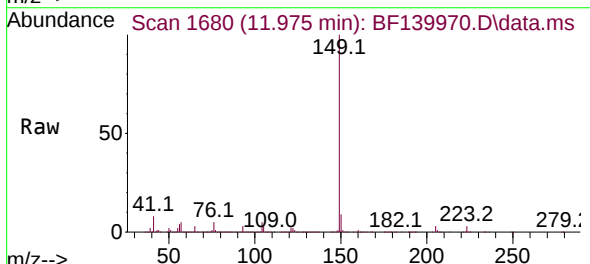
Tgt Ion:167 Resp: 815060
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.2 10.8 16.2

Manual Integrations
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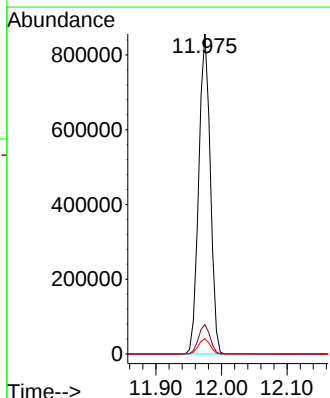
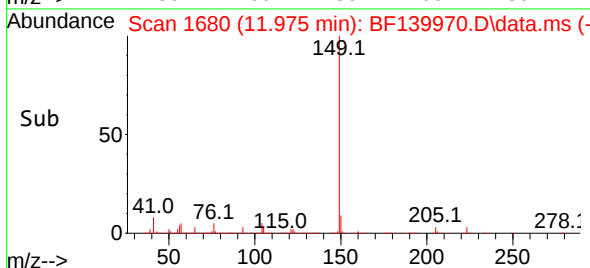
Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

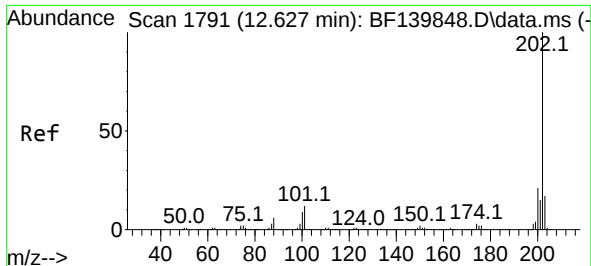


#74
 Di-n-butylphthalate
 Concen: 53.764 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139970.D
 Acq: 23 Oct 2024 17:59



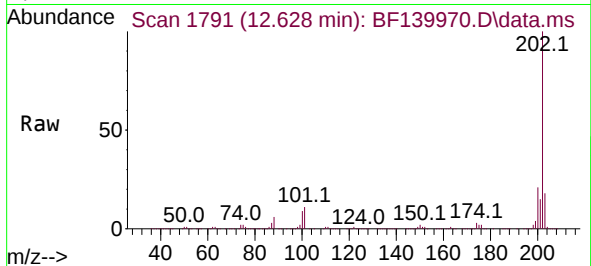
Tgt Ion:149 Resp: 1050412
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.7 4.1 6.1





#75
Fluoranthene
Concen: 52.306 ng
RT: 12.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

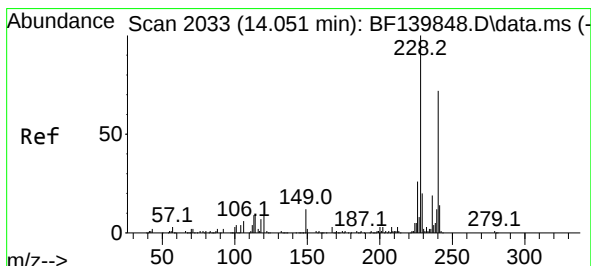
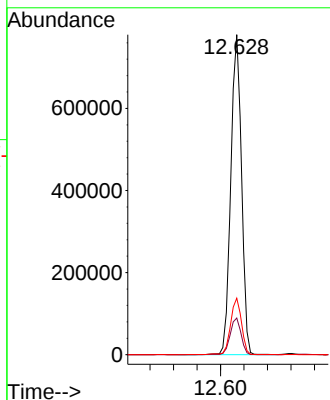
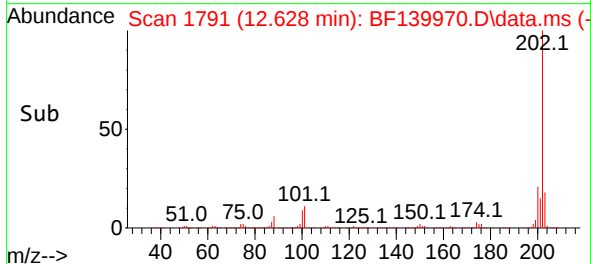
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



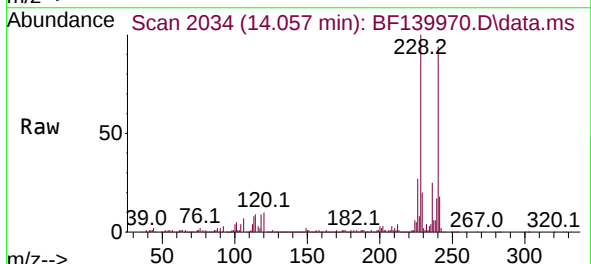
Tgt Ion:202 Resp: 985425
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
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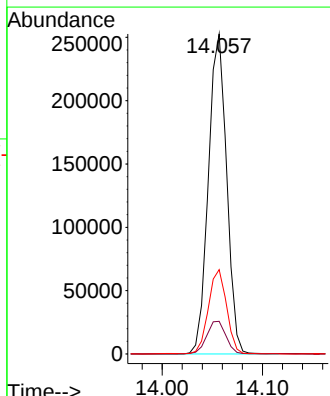
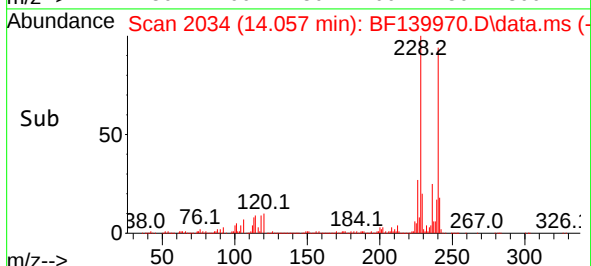
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

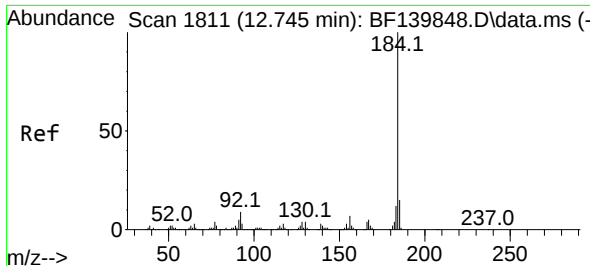


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59



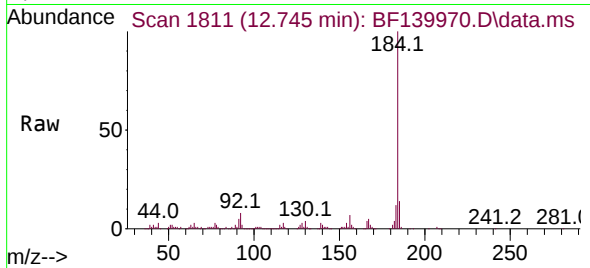
Tgt Ion:240 Resp: 319585
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 26.3 20.9 31.3





#77
Benzidine
Concen: 37.302 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

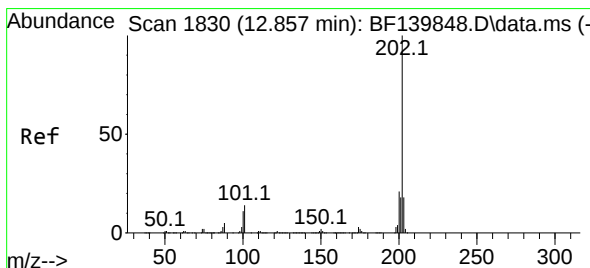
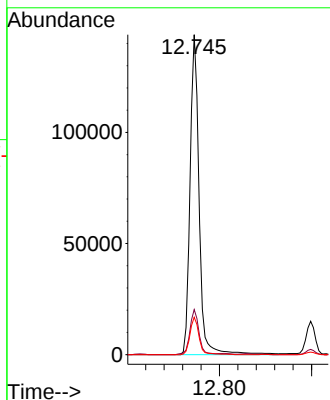
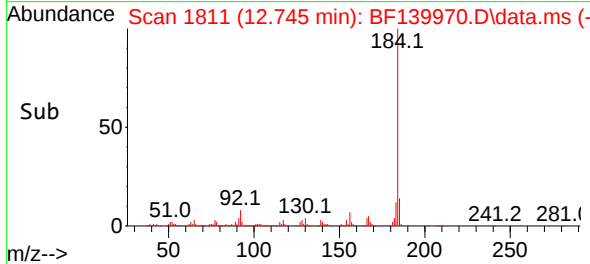
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



Tgt Ion:184 Resp: 196024
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 11.7 9.4 14.2

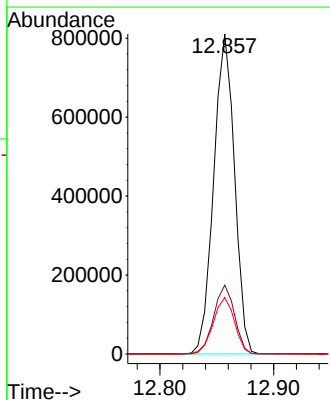
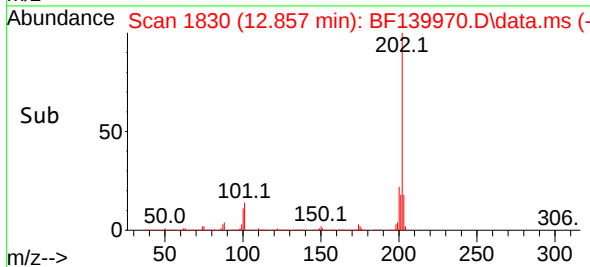
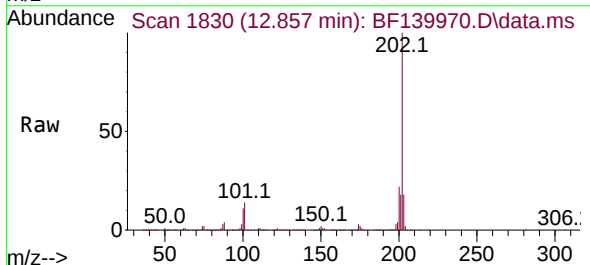
Manual Integrations
APPROVED

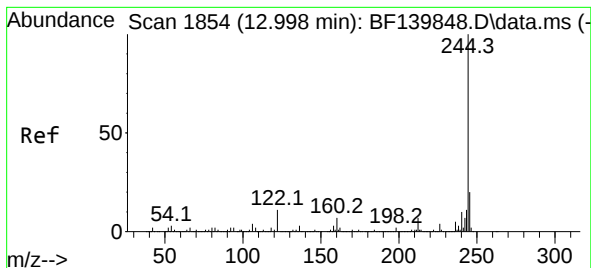
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#78
Pyrene
Concen: 36.848 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Tgt Ion:202 Resp: 1030796
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 79.001 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion:244 Resp: 1549414

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

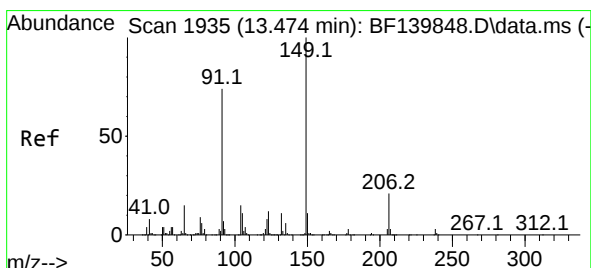
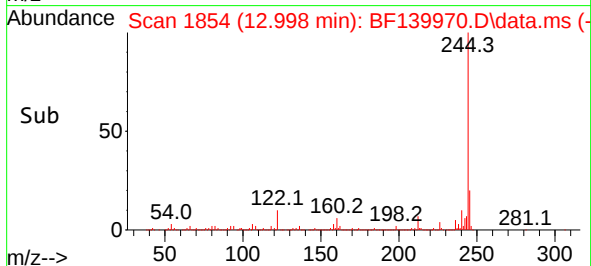
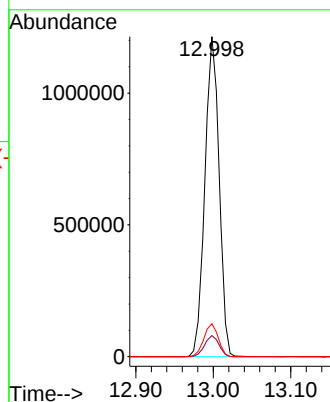
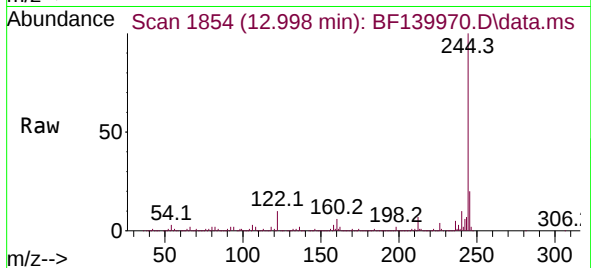
122 10.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#80

Butylbenzylphthalate

Concen: 52.879 ng

RT: 13.475 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

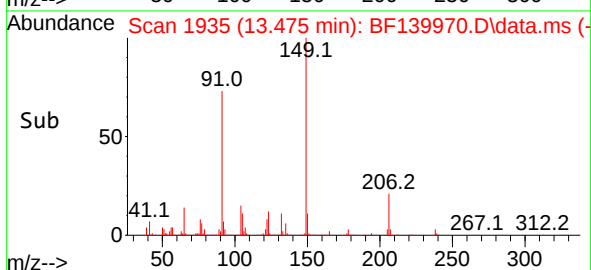
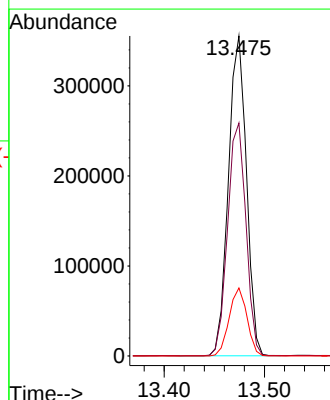
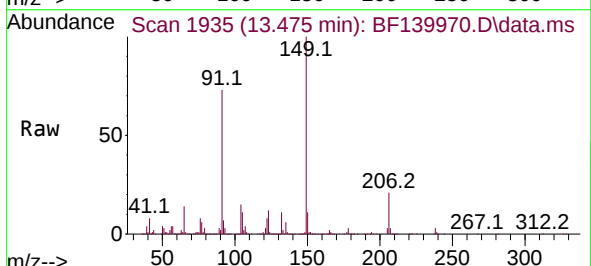
Tgt Ion:149 Resp: 443486

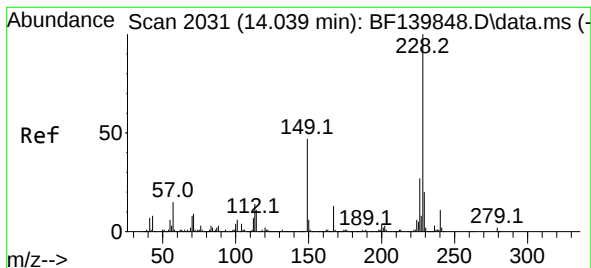
Ion Ratio Lower Upper

149 100

91 72.8 59.4 89.2

206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.237 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion:228 Resp: 1045118

Ion Ratio Lower Upper

228 100

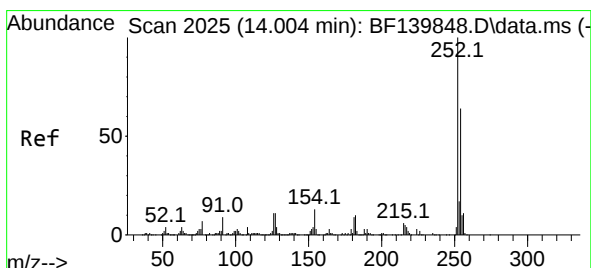
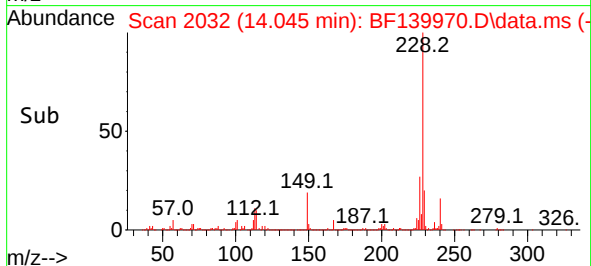
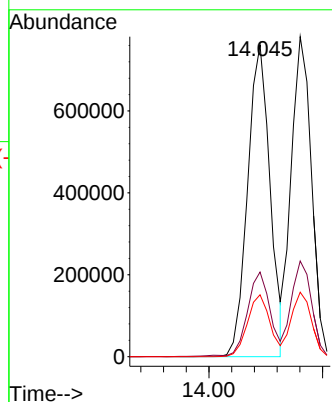
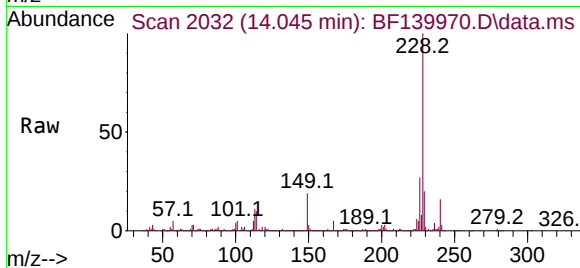
226 27.1 21.6 32.4

229 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.086 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

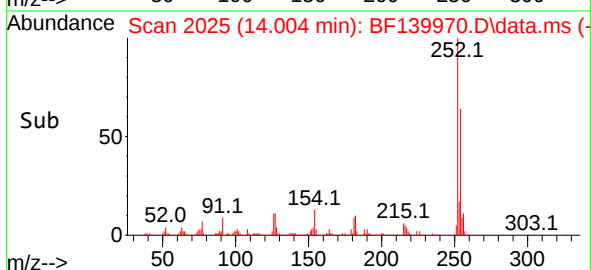
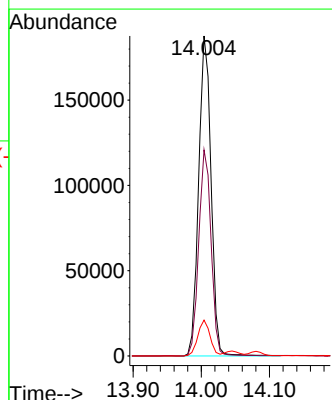
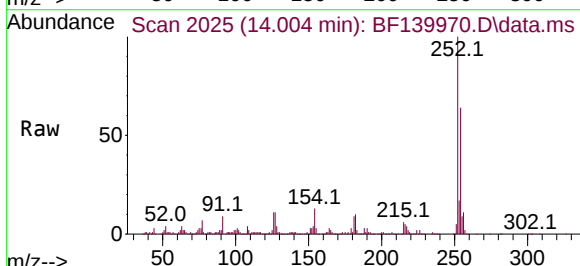
Tgt Ion:252 Resp: 237087

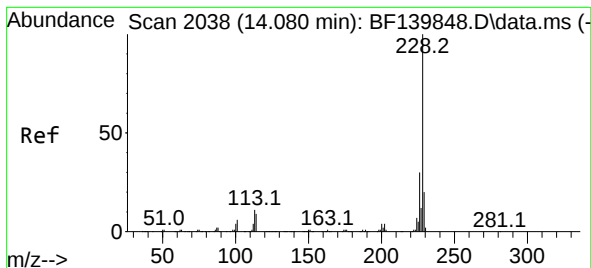
Ion Ratio Lower Upper

252 100

254 64.4 50.8 76.2

126 11.2 8.9 13.3





#83

Chrysene

Concen: 50.675 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

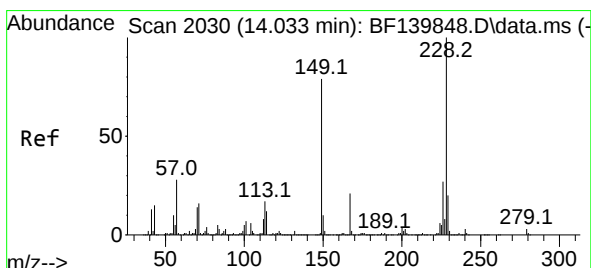
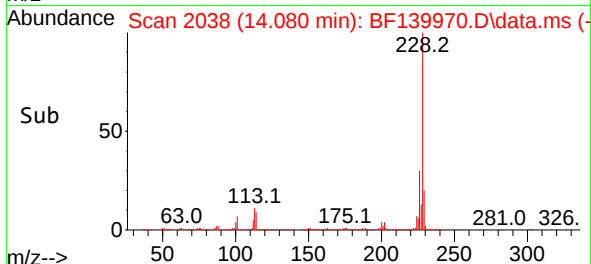
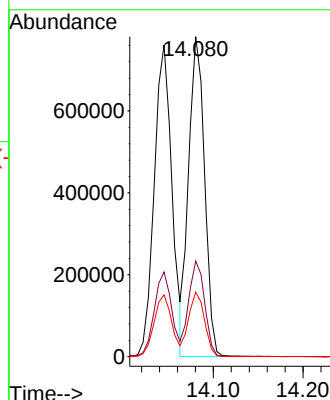
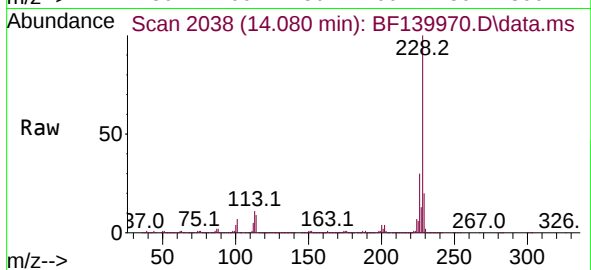
WB-301-BOTMS

Tgt Ion:	228	Resp:	96661
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	20.2	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.295 ng

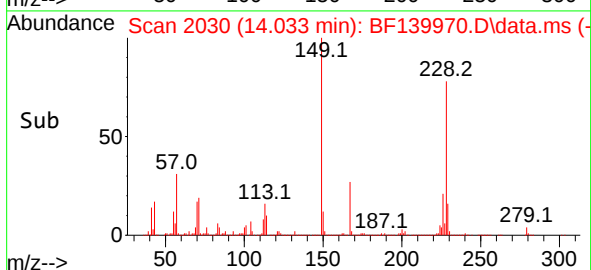
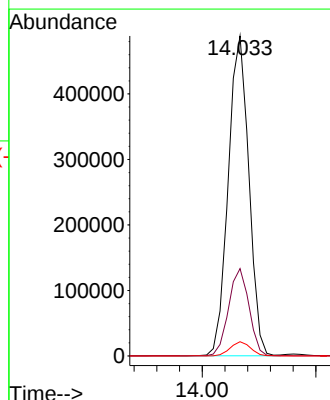
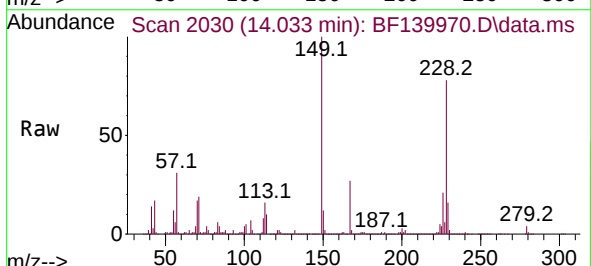
RT: 14.033 min Scan# 2030

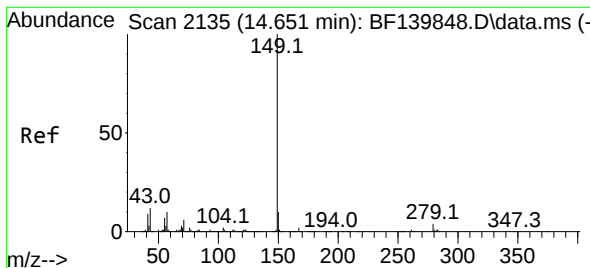
Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Tgt Ion:	149	Resp:	614398
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.4	32.0
279	4.4	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 65.421 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion:149 Resp: 111967

Ion Ratio Lower Upper

149 100

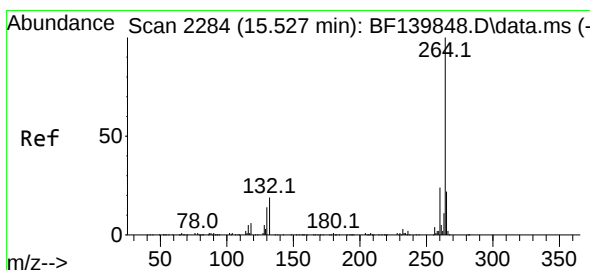
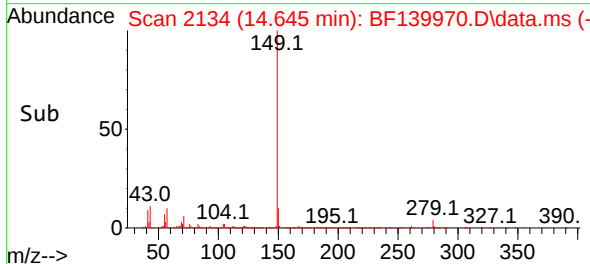
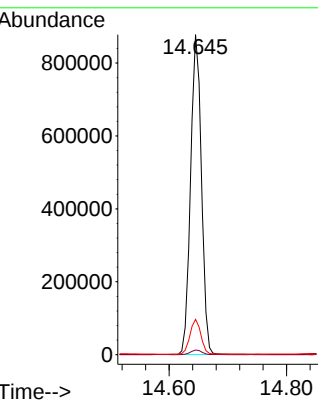
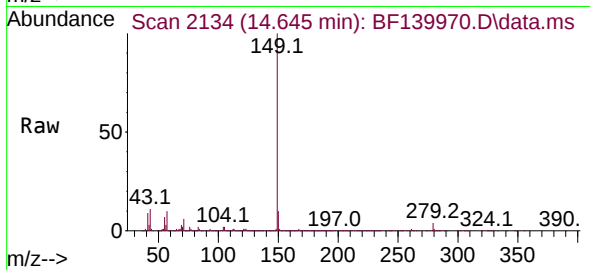
167 1.6 1.2 1.8

43 11.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 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: BF139970.D

Acq: 23 Oct 2024 17:59

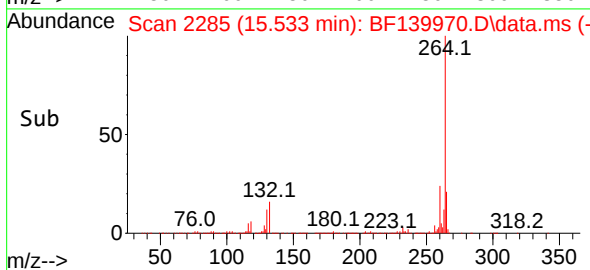
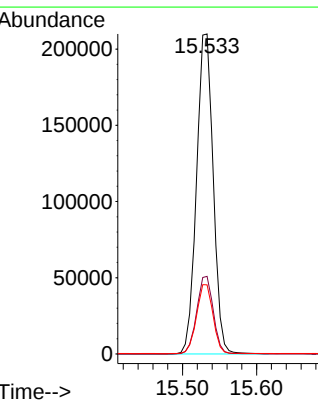
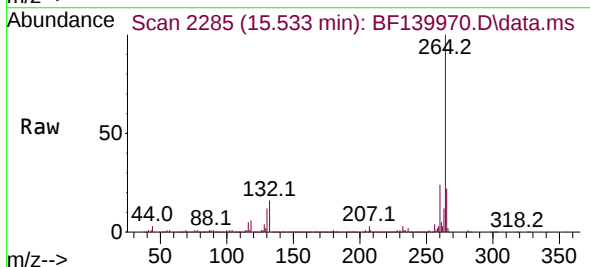
Tgt Ion:264 Resp: 328571

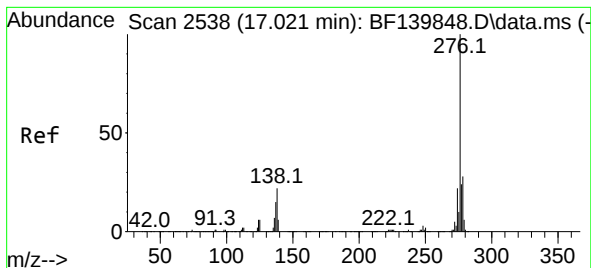
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.392 ng

RT: 17.027 min Scan# 2539

Delta R.T. 0.006 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion:276 Resp: 705835

Ion Ratio Lower Upper

276 100

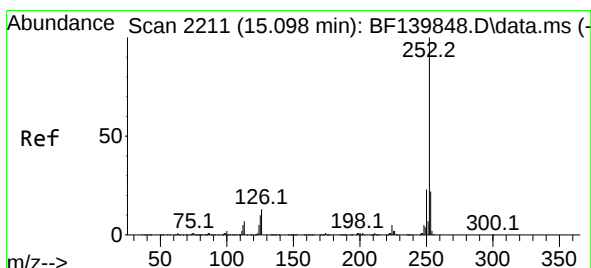
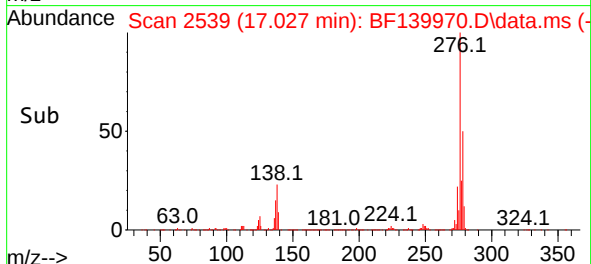
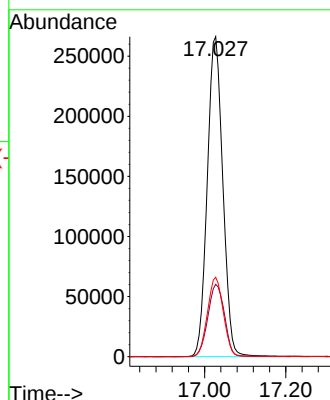
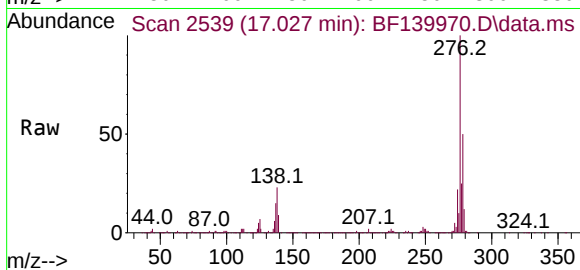
138 24.3 20.4 30.6

277 25.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#88

Benzo(b)fluoranthene

Concen: 55.982 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

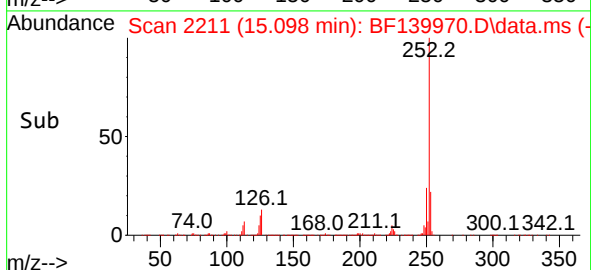
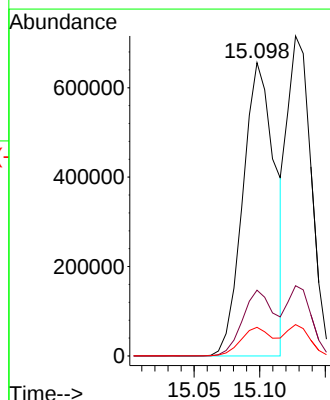
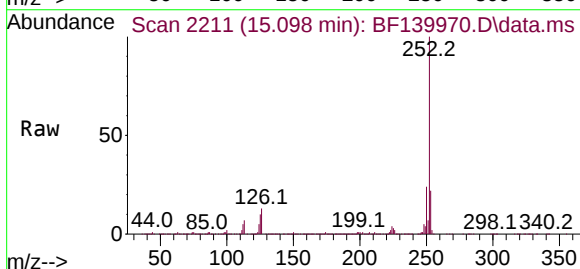
Tgt Ion:252 Resp: 1120485

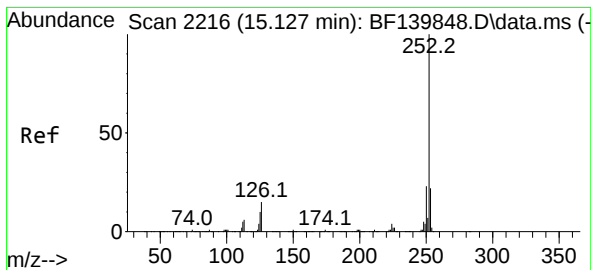
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 52.892 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WB-301-BOTMS

Tgt Ion:252 Resp: 912998

Ion Ratio Lower Upper

252 100

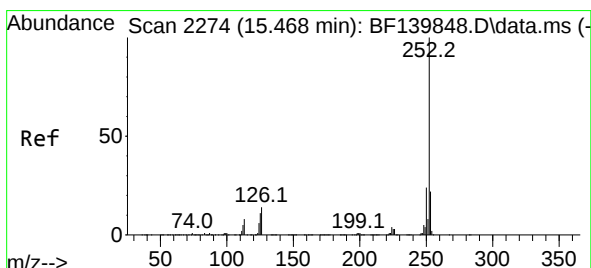
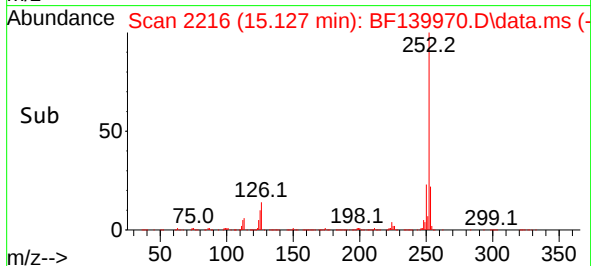
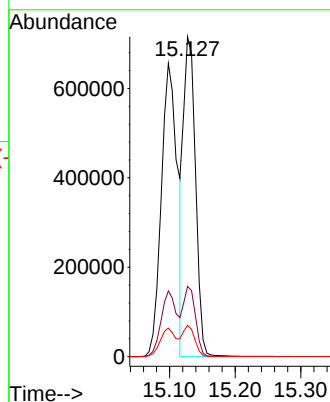
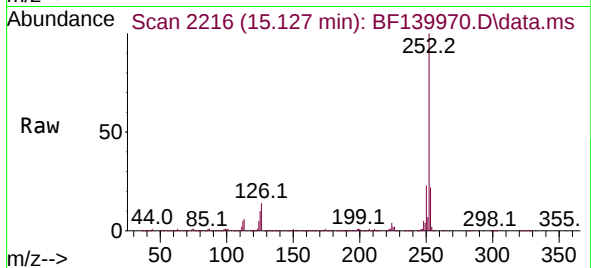
253 21.9 17.6 26.4

125 9.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#90

Benzo(a)pyrene

Concen: 54.628 ng

RT: 15.469 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139970.D

Acq: 23 Oct 2024 17:59

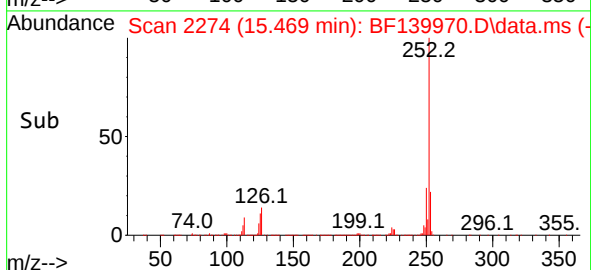
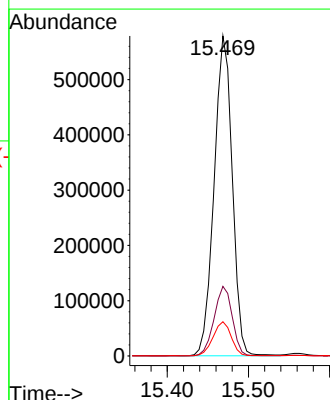
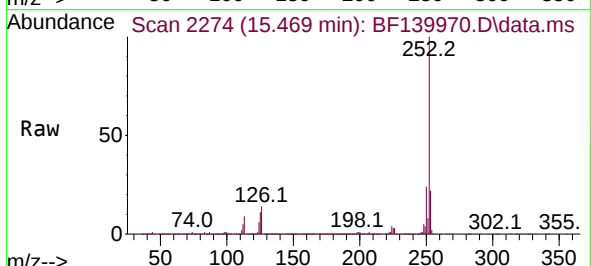
Tgt Ion:252 Resp: 899666

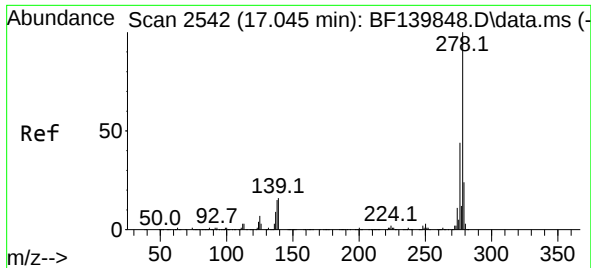
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

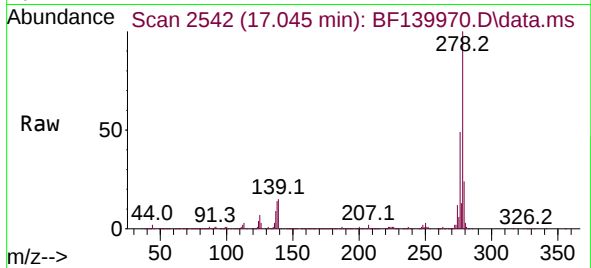
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 33.965 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

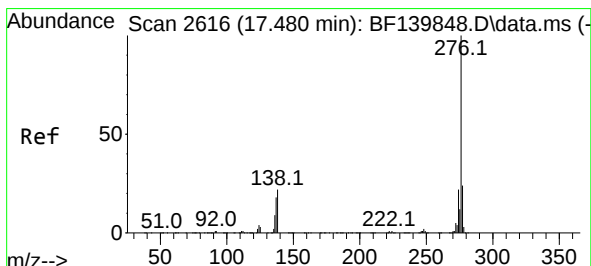
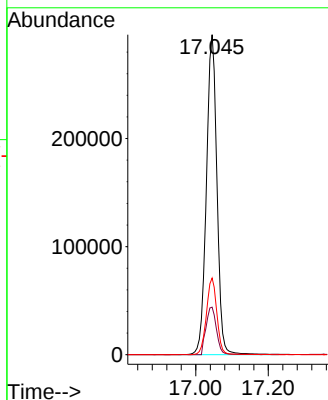
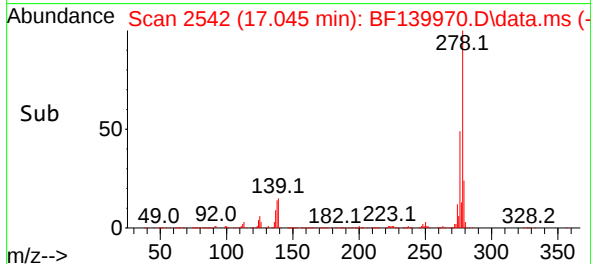
Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS



Tgt Ion:278 Resp: 59892
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#92
Benzo(g,h,i)perylene
Concen: 28.483 ng
RT: 17.474 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF139970.D
Acq: 23 Oct 2024 17:59

Tgt Ion:276 Resp: 501683
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 20.4 17.4 26.0

