

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139605.D
 Acq On : 02 Oct 2024 14:32
 Operator : RC/JU
 Sample : P4212-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTHMS

Quant Time: Oct 02 14:54:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	101481	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	387558	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	214773	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	405363	20.000	ng	0.00
76) Chrysene-d12	14.033	240	210858	20.000	ng	0.00
86) Perylene-d12	15.498	264	195170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	554918	94.777	ng	0.00
7) Phenol-d6	6.498	99	749233	95.157	ng	0.00
23) Nitrobenzene-d5	7.428	82	495332	64.710	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	196361	94.710	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	915910	65.469	ng	0.00
79) Terphenyl-d14	12.974	244	961749	74.840	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	110151	43.515	ng	98
3) Pyridine	3.457	79	283588	46.064	ng	98
4) n-Nitrosodimethylamine	3.422	42	193215	47.947	ng	99
6) Aniline	6.528	93	277553	39.725	ng	90
8) 2-Chlorophenol	6.651	128	305839	48.755	ng	99
9) Benzaldehyde	6.416	77	52511	12.590	ng	99
10) Phenol	6.516	94	398668	48.153	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	302767	44.914	ng	99
12) 1,3-Dichlorobenzene	6.804	146	314888	44.622	ng	99
13) 1,4-Dichlorobenzene	6.887	146	322195	45.080	ng	99
14) 1,2-Dichlorobenzene	7.034	146	307947	45.973	ng	99
15) Benzyl Alcohol	7.010	79	296982	49.365	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	553219	47.406	ng	98
17) 2-Methylphenol	7.122	107	248817	47.513	ng	100
18) Hexachloroethane	7.375	117	121413	45.544	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	232246	45.879	ng	99
20) 3+4-Methylphenols	7.275	107	309879	47.111	ng	97
22) Acetophenone	7.275	105	421893	45.861	ng	99
24) Nitrobenzene	7.451	77	355655	44.870	ng	100
25) Isophorone	7.687	82	634370	46.660	ng	99
26) 2-Nitrophenol	7.763	139	163755	48.057	ng	97
27) 2,4-Dimethylphenol	7.804	122	238552m	57.186	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	372941	45.937	ng	99
29) 2,4-Dichlorophenol	8.010	162	256136	47.074	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	267636	43.494	ng	99
31) Naphthalene	8.169	128	896266	45.231	ng	99
32) Benzoic acid	7.934	122	189818	45.762	ng	100
33) 4-Chloroaniline	8.216	127	67711	10.095	ng	99
34) Hexachlorobutadiene	8.287	225	172275	43.263	ng	99
35) Caprolactam	8.592	113	86908m	48.698	ng	
36) 4-Chloro-3-methylphenol	8.710	107	291816	47.378	ng	100
37) 2-Methylnaphthalene	8.863	142	592460	45.907	ng	99
38) 1-Methylnaphthalene	8.963	142	545852	43.271	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	275803	46.245	ng	99
41) Hexachlorocyclopentadiene	9.010	237	282143	154.286	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	189415	47.113	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	199458	46.003	ng	98
46) 1,1'-Biphenyl	9.328	154	731218	45.775	ng	99
47) 2-Chloronaphthalene	9.351	162	550970	46.009	ng	99
48) 2-Nitroaniline	9.451	65	210190	48.895	ng	97
49) Acenaphthylene	9.769	152	897160	49.262	ng	100
50) Dimethylphthalate	9.628	163	668919	47.579	ng	100
51) 2,6-Dinitrotoluene	9.692	165	146828	46.232	ng	97
52) Acenaphthene	9.939	154	652323m	52.176	ng	
53) 3-Nitroaniline	9.857	138	96637	29.776	ng	99
54) 2,4-Dinitrophenol	9.969	184	174471	102.137	ng	99
55) Dibenzofuran	10.110	168	820659	46.881	ng	99
56) 4-Nitrophenol	10.028	139	242971	98.170	ng	99
57) 2,4-Dinitrotoluene	10.098	165	198838	47.898	ng	99
58) Fluorene	10.457	166	639422	45.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	168803	48.203	ng	99
60) Diethylphthalate	10.328	149	675267	46.501	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	312757	44.838	ng	98
62) 4-Nitroaniline	10.481	138	156976	47.285	ng	98
63) Azobenzene	10.604	77	807071	55.264	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	113443	49.551	ng	99
66) n-Nitrosodiphenylamine	10.569	169	566665	47.425	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	186939	44.978	ng	96
68) Hexachlorobenzene	10.998	284	211246	45.804	ng	98
69) Atrazine	11.092	200	187824	58.588	ng	100
70) Pentachlorophenol	11.198	266	228210	83.101	ng	98
71) Phenanthrene	11.416	178	908830	47.550	ng	99
72) Anthracene	11.469	178	928580	49.109	ng	100
73) Carbazole	11.622	167	855382	47.100	ng	99
74) Di-n-butylphthalate	11.951	149	1040112	47.097	ng	100
75) Fluoranthene	12.604	202	939579	44.970	ng	100
77) Benzidine	12.727	184	246222	66.201	ng	100
78) Pyrene	12.833	202	940654	49.878	ng	99
80) Butylbenzylphthalate	13.451	149	379809	56.304	ng	99
81) Benzo(a)anthracene	14.021	228	658180	47.477	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	134640	31.734	ng	99
83) Chrysene	14.057	228	617429	48.715	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	497155	59.021	ng	99
85) Di-n-octyl phthalate	14.621	149	733494	59.273	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	584011	50.840	ng	100
88) Benzo(b)fluoranthene	15.068	252	568409	45.043	ng	99
89) Benzo(k)fluoranthene	15.104	252	507496	47.409	ng	99
90) Benzo(a)pyrene	15.439	252	511860	51.441	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	487134	51.128	ng	100
92) Benzo(g,h,i)perylene	17.421	276	440068	46.055	ng	99

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

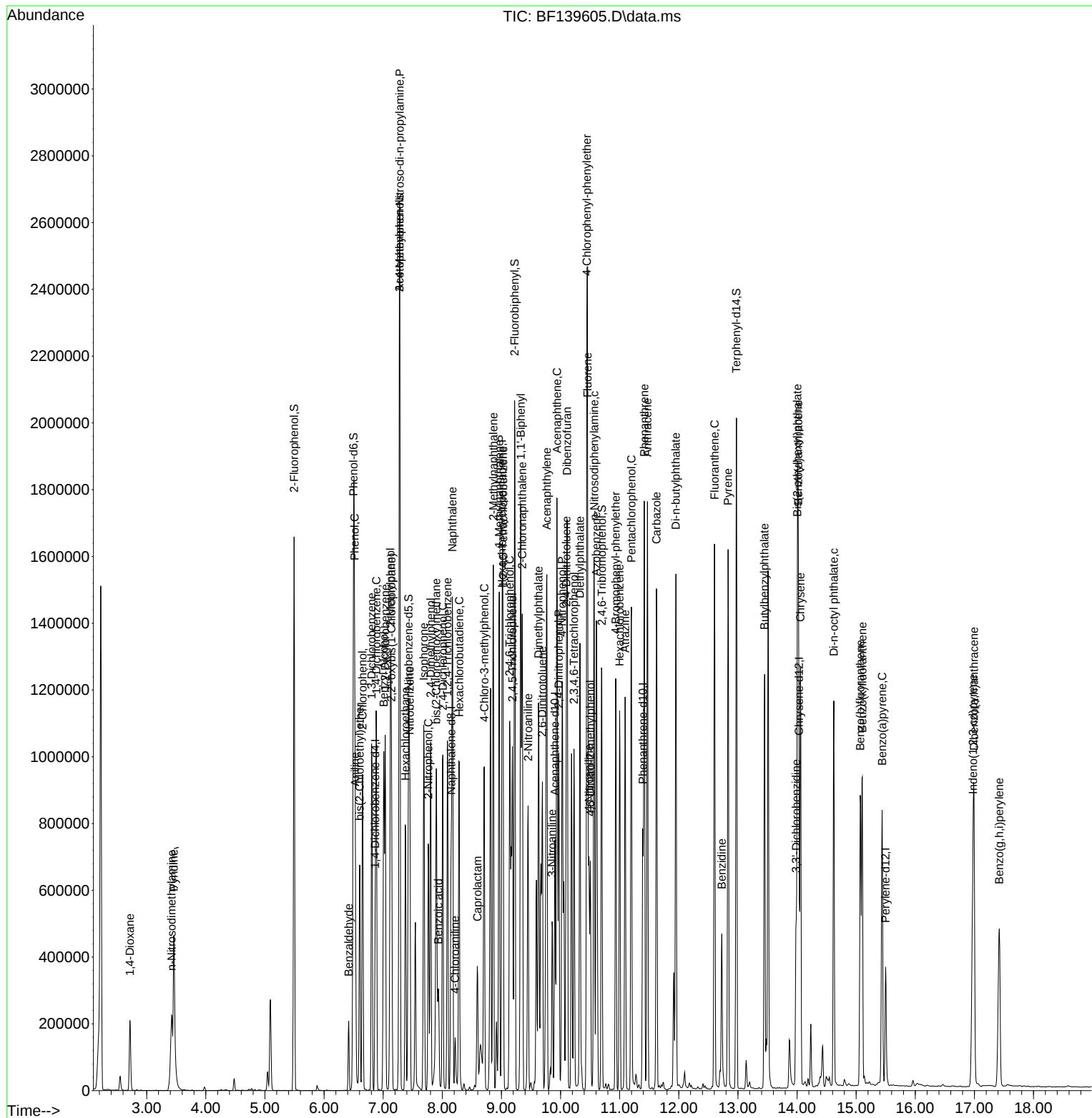
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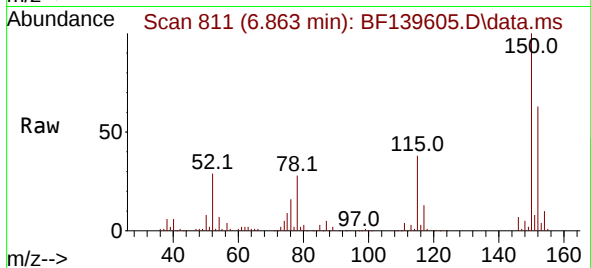
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

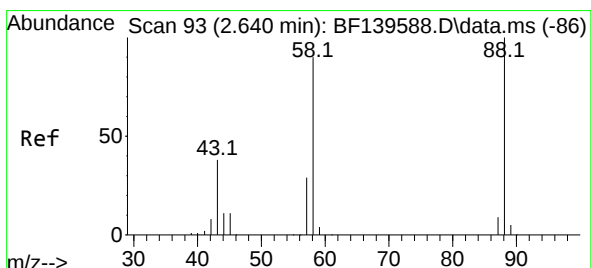
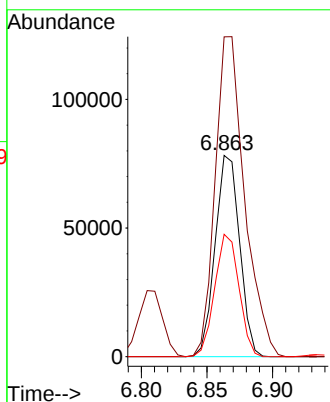
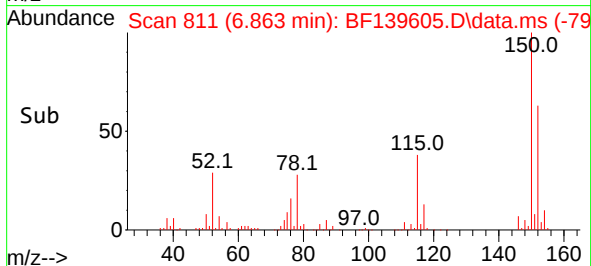
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:152 Resp: 10148
Ion Ratio Lower Upper
152 100
150 158.9 127.2 190.8
115 60.8 49.0 73.4

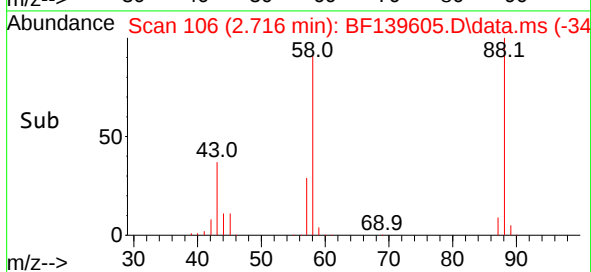
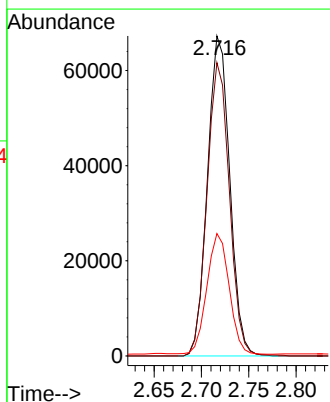
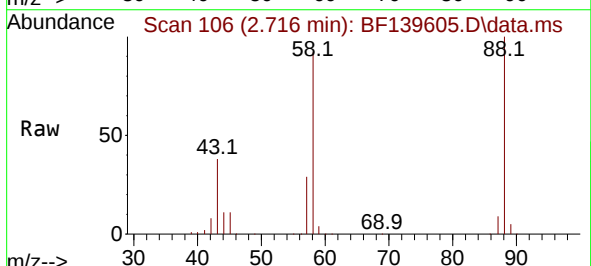
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#2
1,4-Dioxane
Concen: 43.515 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.076 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

Tgt Ion: 88 Resp: 110151
Ion Ratio Lower Upper
88 100
58 91.9 72.0 108.0
43 37.6 30.8 46.2





#3

Pyridine

Concen: 46.064 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS

Tgt Ion: 79 Resp: 28358

Ion Ratio Lower Upper

79 100

52 92.6 72.6 109.0

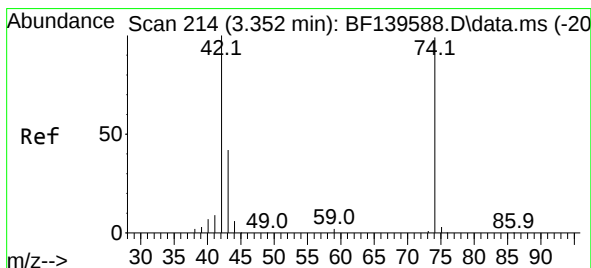
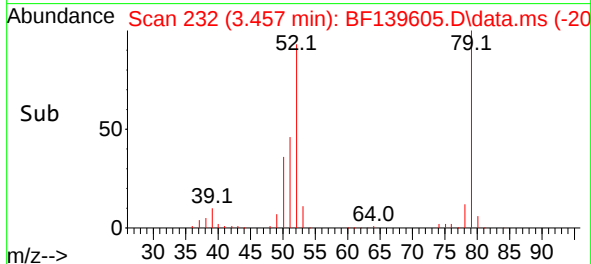
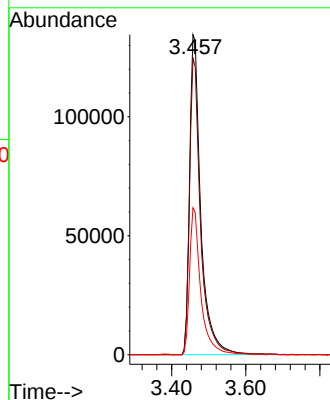
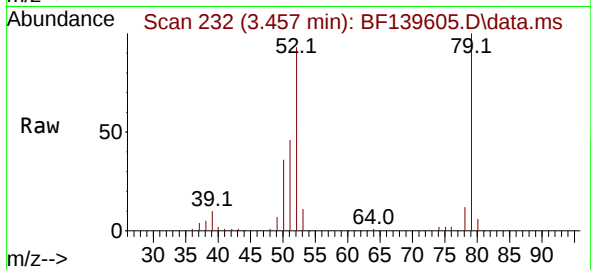
51 45.9 37.5 56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 47.947 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.071 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

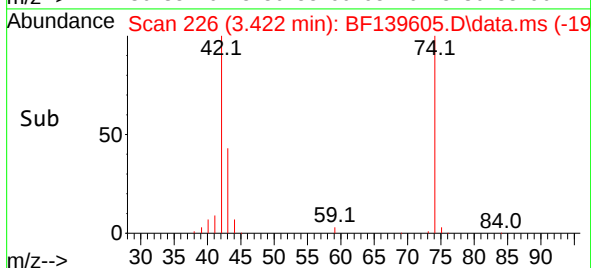
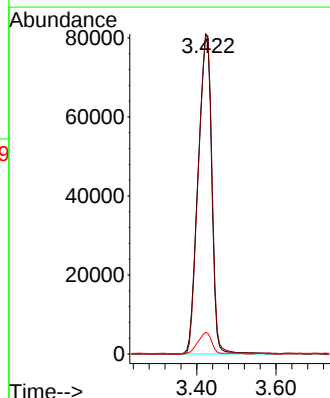
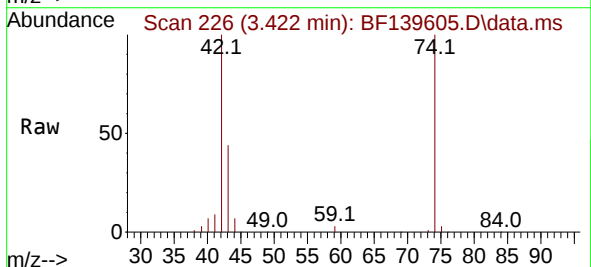
Tgt Ion: 42 Resp: 193215

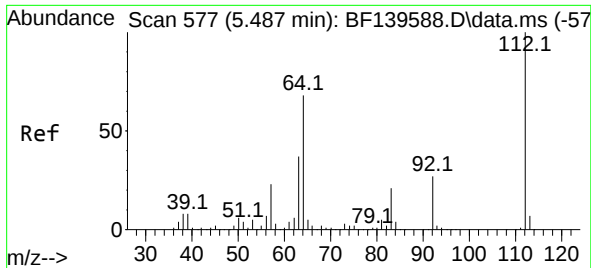
Ion Ratio Lower Upper

42 100

74 100.1 79.0 118.6

44 6.8 5.2 7.8





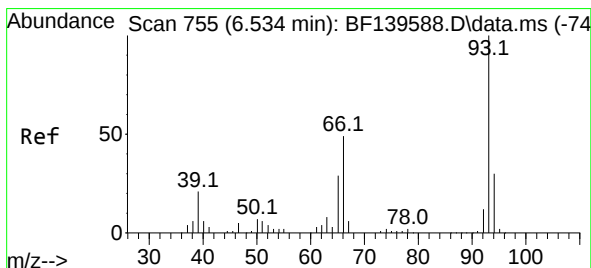
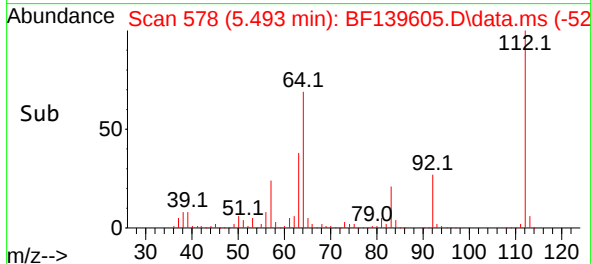
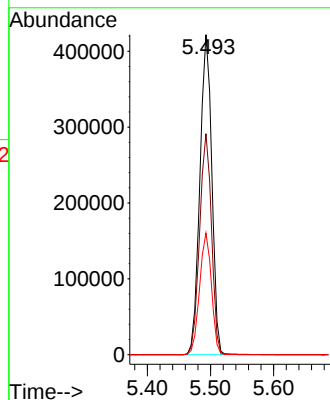
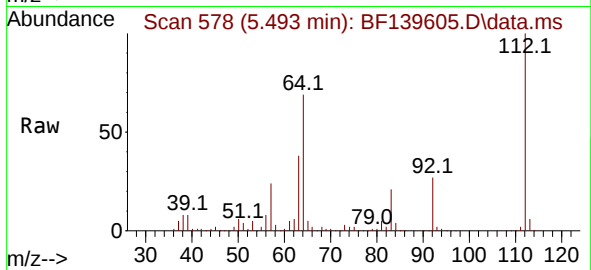
#5
2-Fluorophenol
Concen: 94.777 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

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Tgt Ion:112 Resp: 554918
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 38.0 29.4 44.2

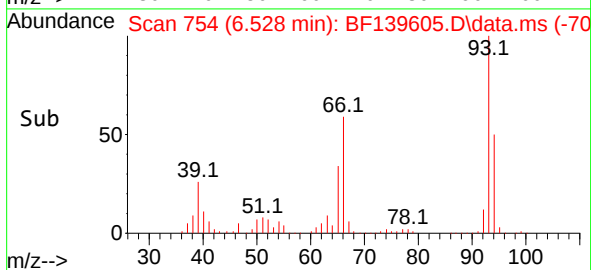
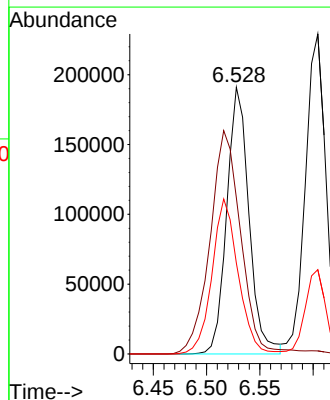
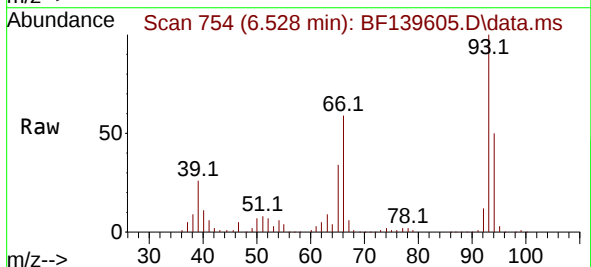
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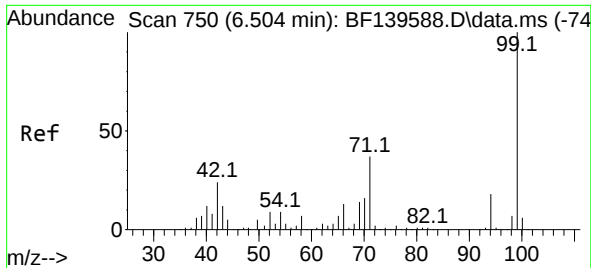
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#6
Aniline
Concen: 39.725 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139605.D
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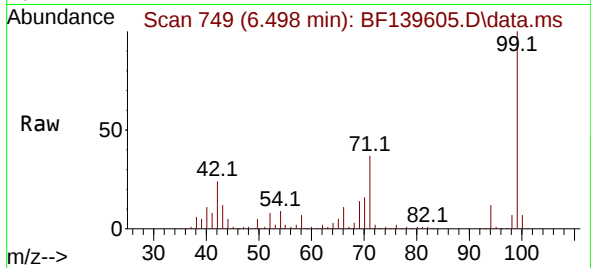
Tgt Ion: 93 Resp: 277553
Ion Ratio Lower Upper
93 100
66 58.5 40.9 61.3
65 34.1 23.3 34.9





#7
Phenol-d6
Concen: 95.157 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

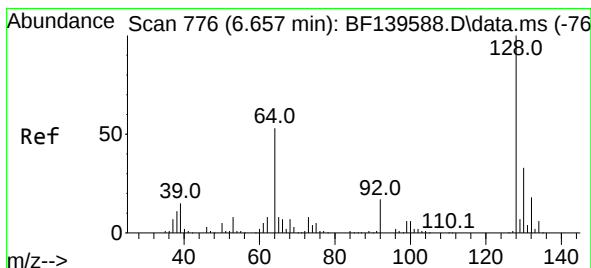
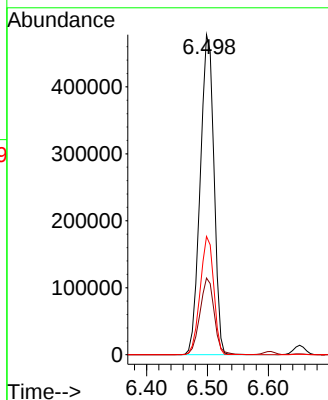
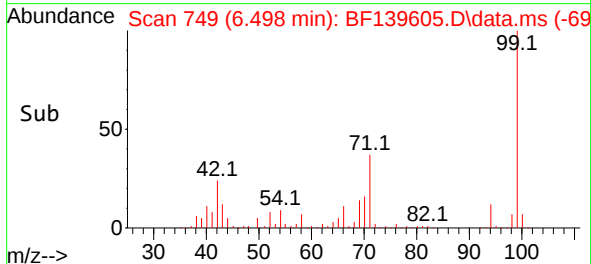
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Tgt Ion: 99 Resp: 74923
Ion Ratio Lower Upper
99 100
42 23.9 19.1 28.7
71 36.9 29.7 44.5

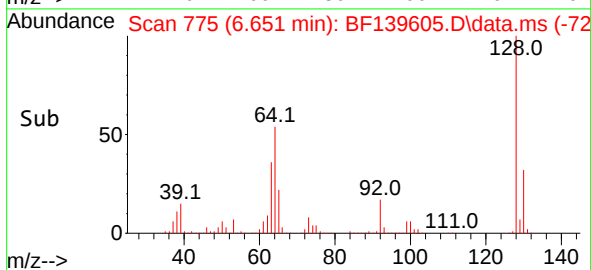
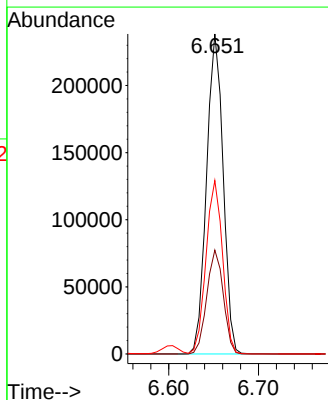
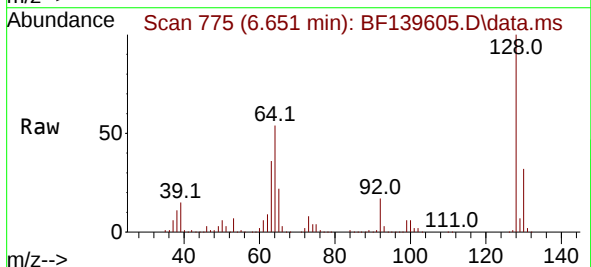
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#8
2-Chlorophenol
Concen: 48.755 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

Tgt Ion:128 Resp: 305839
Ion Ratio Lower Upper
128 100
130 32.5 13.2 53.2
64 54.2 35.1 75.1





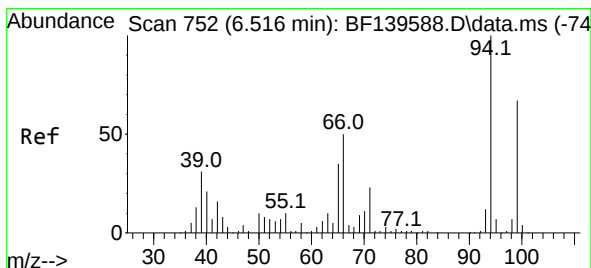
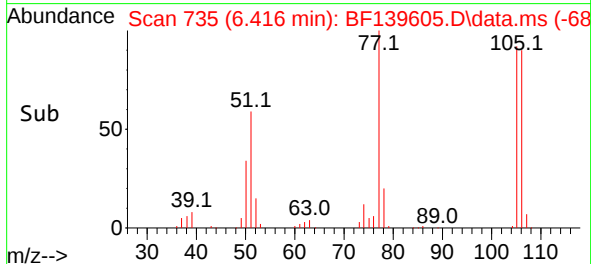
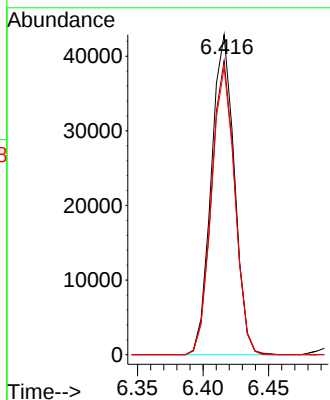
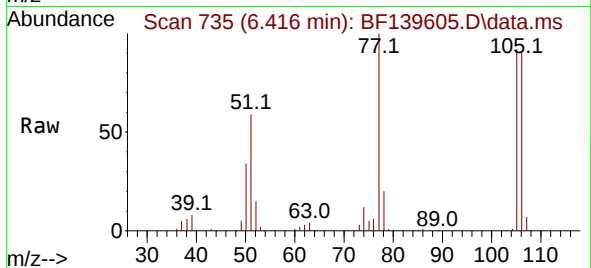
#9
Benzaldehyde
Concen: 12.590 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 5251
Ion Ratio Lower Upper
77 100
105 91.9 72.7 112.7
106 89.7 70.1 110.1

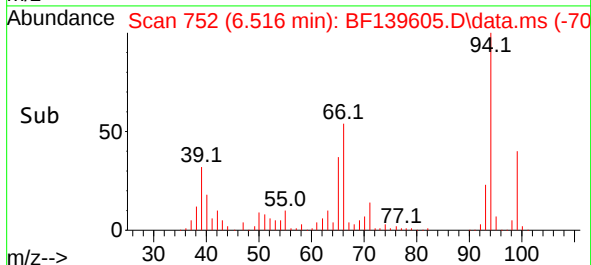
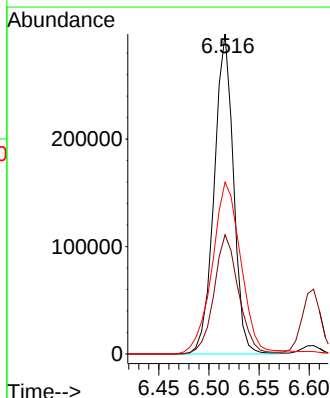
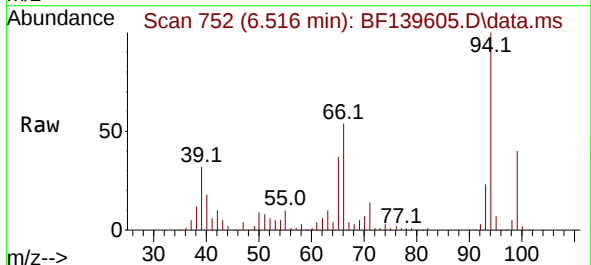
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APPROVED

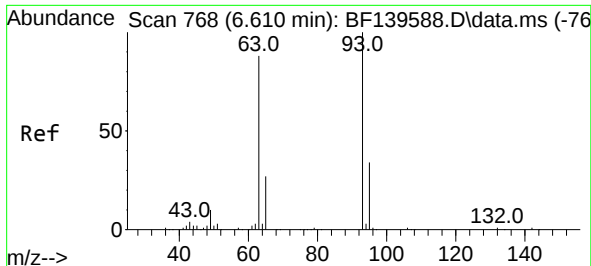
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#10
Phenol
Concen: 48.153 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

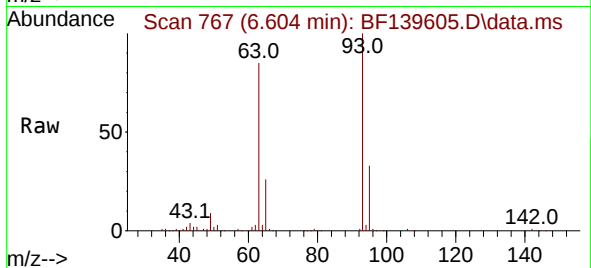
Tgt Ion: 94 Resp: 398668
Ion Ratio Lower Upper
94 100
65 37.3 15.3 55.3
66 53.7 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 44.914 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

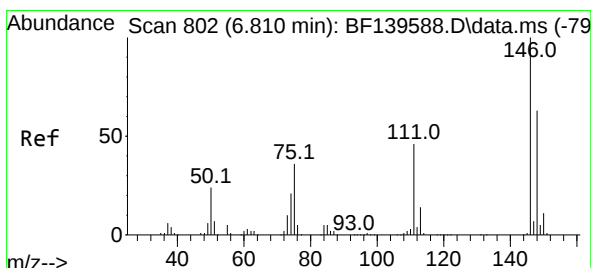
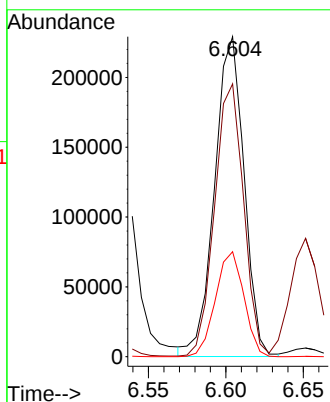
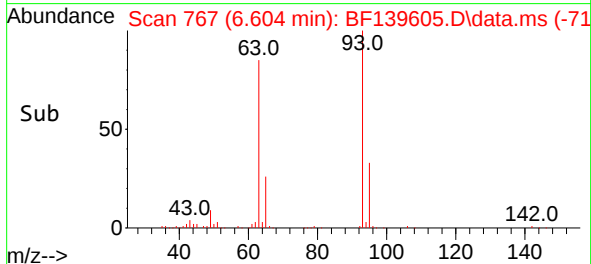
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



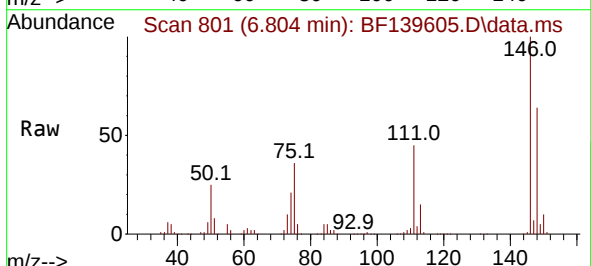
Tgt Ion: 93 Resp: 30276
Ion Ratio Lower Upper
93 100
63 85.3 64.1 104.1
95 32.8 12.3 52.3

Manual Integrations
APPROVED

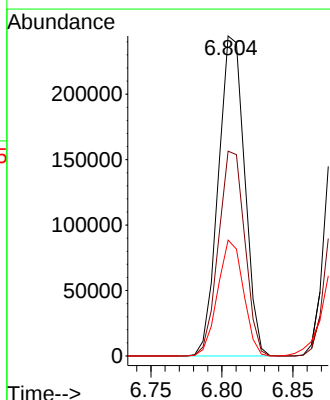
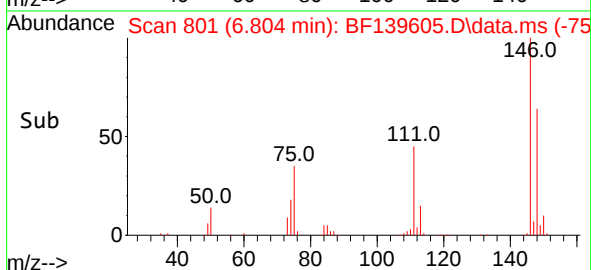
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#12
1,3-Dichlorobenzene
Concen: 44.622 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



Tgt Ion:146 Resp: 314888
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 36.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 45.080 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS

Tgt Ion:146 Resp: 32219

Ion Ratio Lower Upper

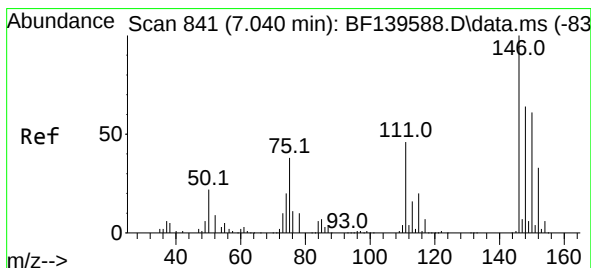
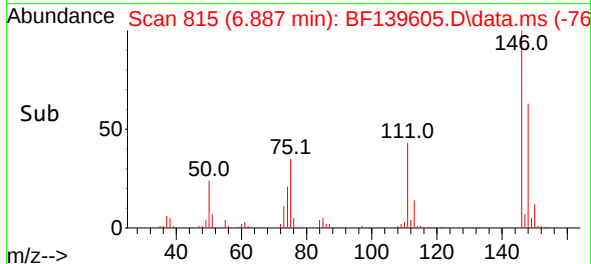
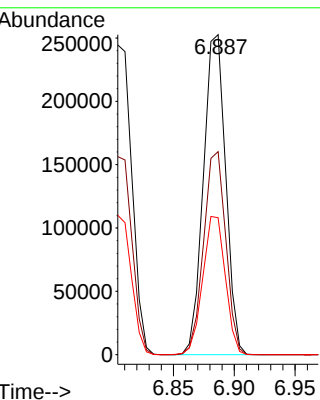
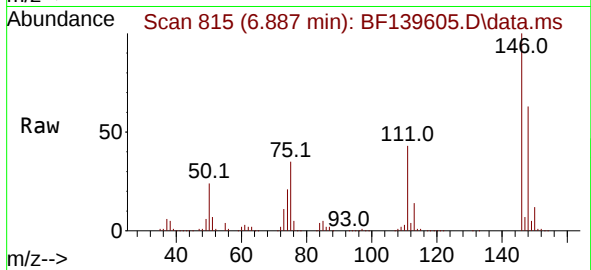
146 100

148 63.5 51.0 76.6

111 42.8 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

#14

1,2-Dichlorobenzene

Concen: 45.973 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

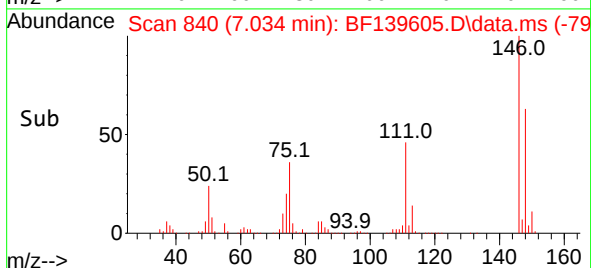
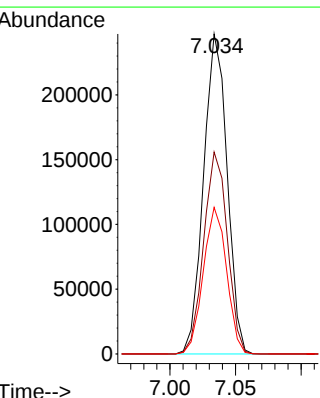
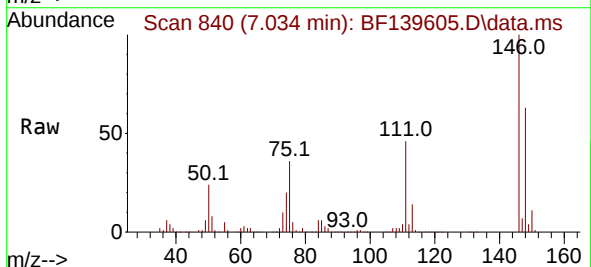
Tgt Ion:146 Resp: 307947

Ion Ratio Lower Upper

146 100

148 63.1 51.2 76.8

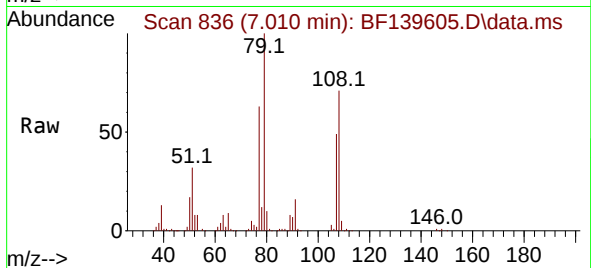
111 45.8 37.0 55.6





#15
Benzyl Alcohol
Concen: 49.365 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

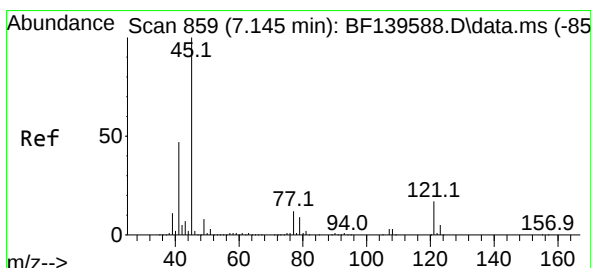
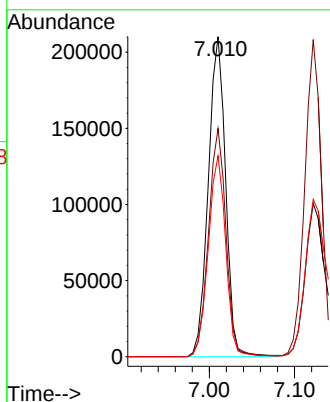
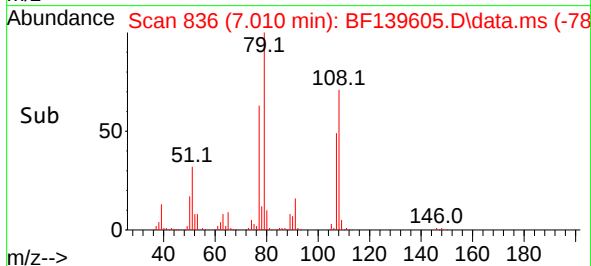
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



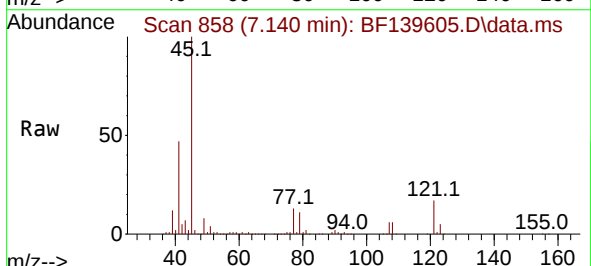
Tgt Ion: 79 Resp: 29698
Ion Ratio Lower Upper
79 100
108 71.3 55.1 82.7
77 62.7 50.8 76.2

Manual Integrations
APPROVED

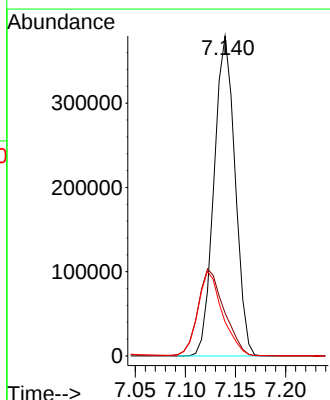
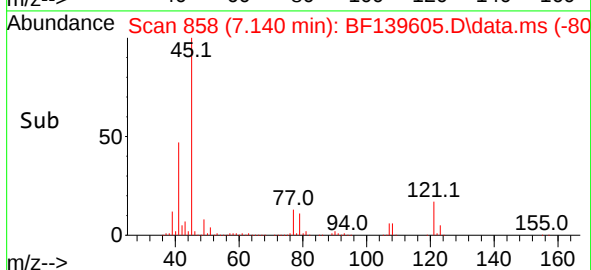
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

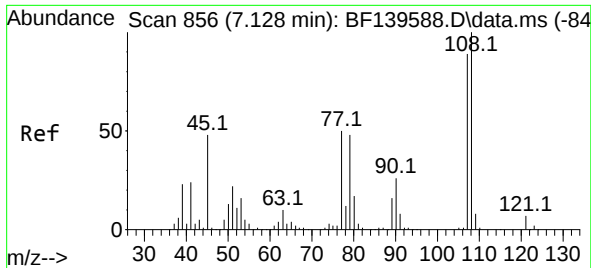


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.406 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



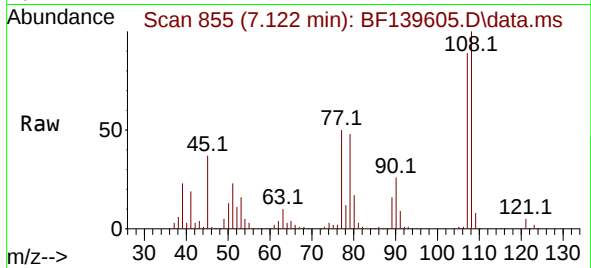
Tgt Ion: 45 Resp: 553219
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.5
79 10.6 0.0 29.7





#17
2-Methylphenol
Concen: 47.513 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

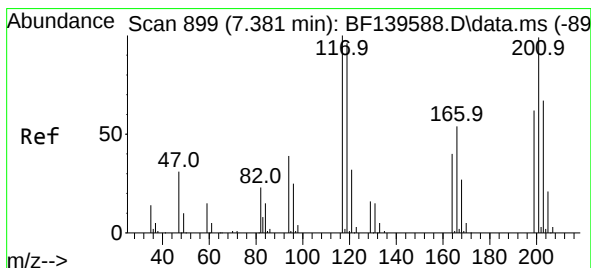
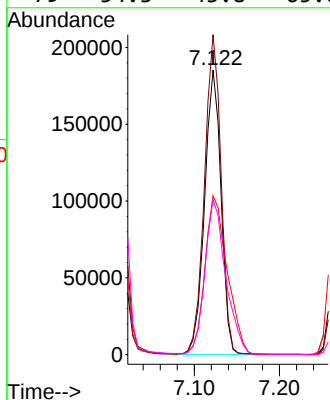
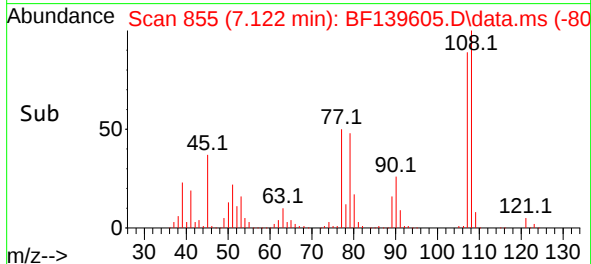
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:107 Resp: 24881
Ion Ratio Lower Upper
107 100
108 112.4 89.8 134.6
77 55.8 44.6 67.0
79 54.3 43.8 65.6

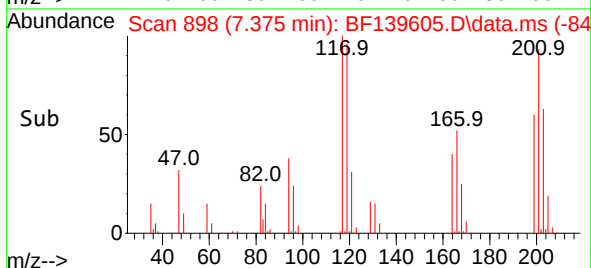
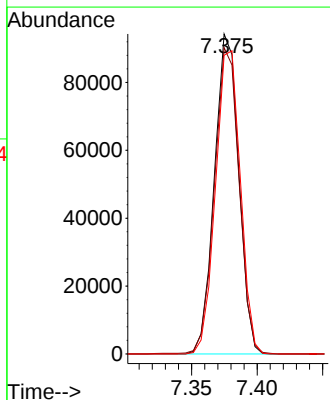
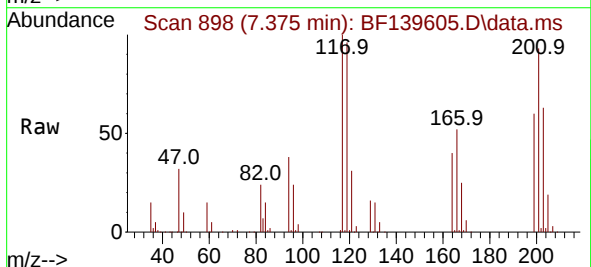
Manual Integrations
APPROVED

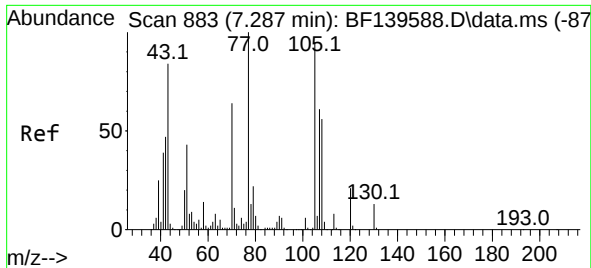
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#18
Hexachloroethane
Concen: 45.544 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

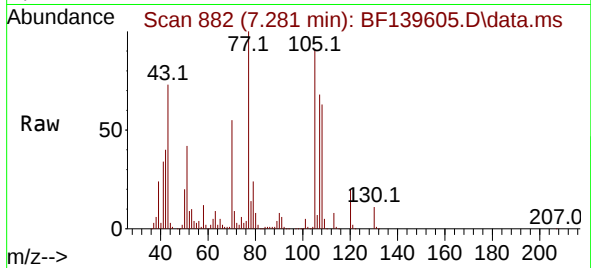
Tgt Ion:117 Resp: 121413
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6
201 93.3 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.879 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

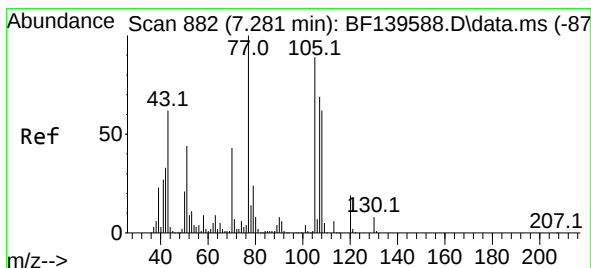
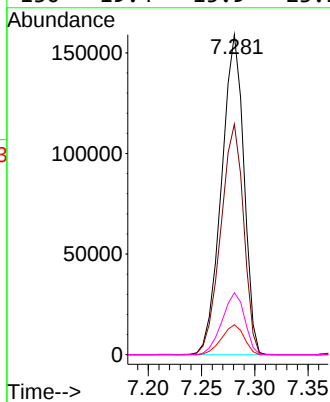
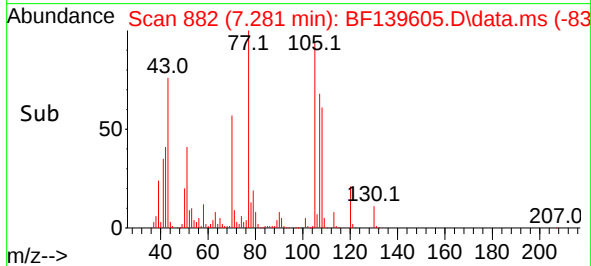
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



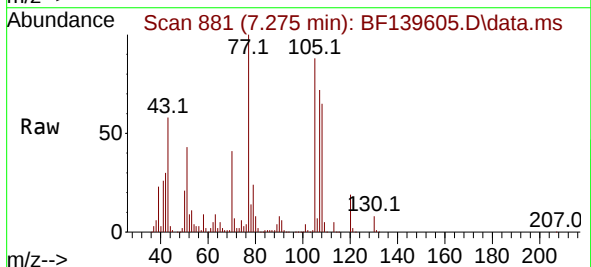
Tgt Ion: 70 Resp: 232240
Ion Ratio Lower Upper
70 100
42 72.0 58.0 87.0
101 9.4 7.8 11.8
130 19.4 15.9 23.9

Manual Integrations
APPROVED

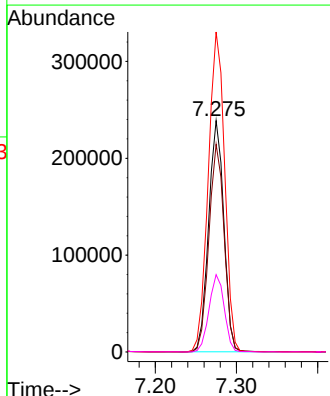
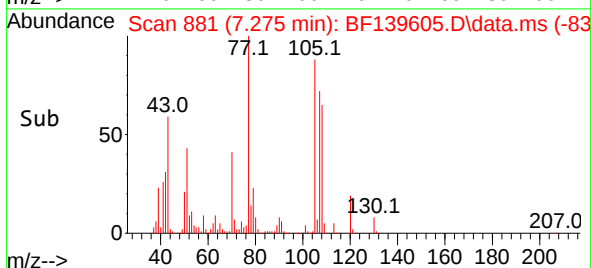
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

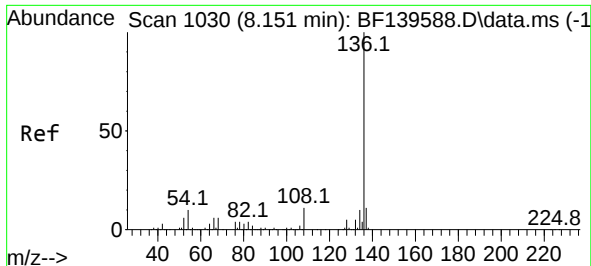


#20
3+4-Methylphenols
Concen: 47.111 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



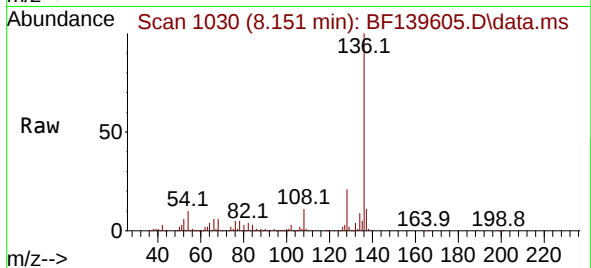
Tgt Ion:107 Resp: 309879
Ion Ratio Lower Upper
107 100
108 89.7 70.2 110.2
77 138.3 125.3 165.3
79 33.4 14.3 54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

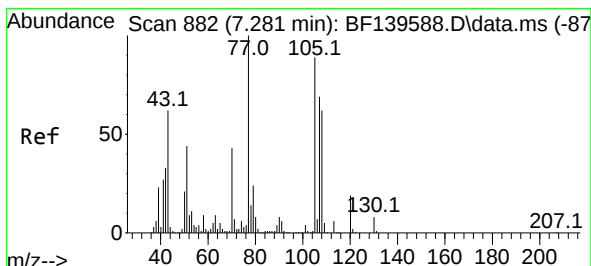
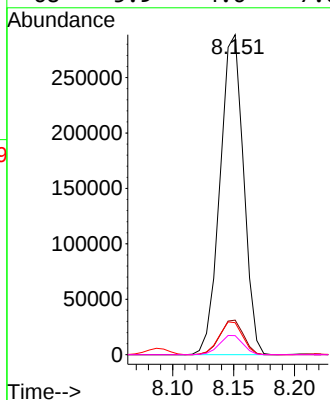
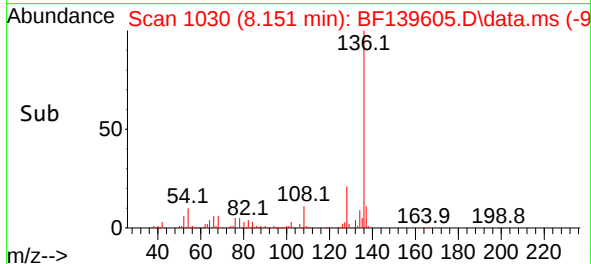
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:136 Resp: 387558
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.0 8.3 12.5
68 5.9 4.6 7.0

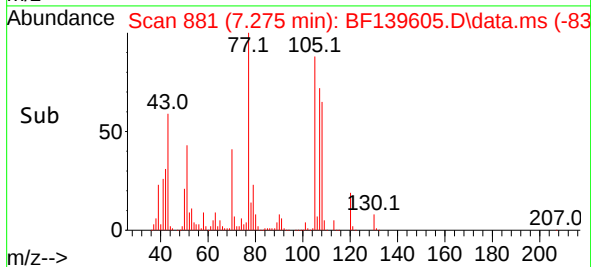
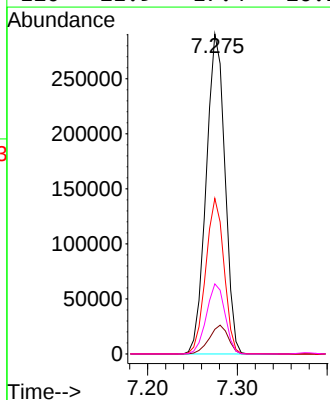
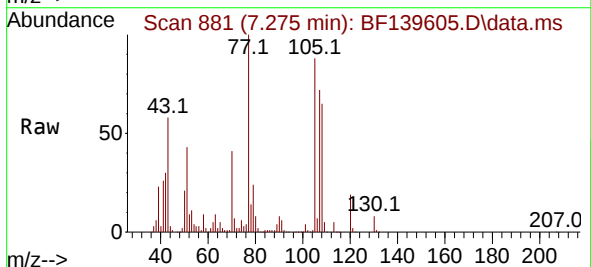
Manual Integrations
APPROVED

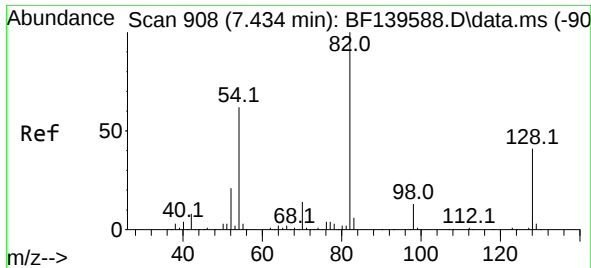
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#22
Acetophenone
Concen: 45.861 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

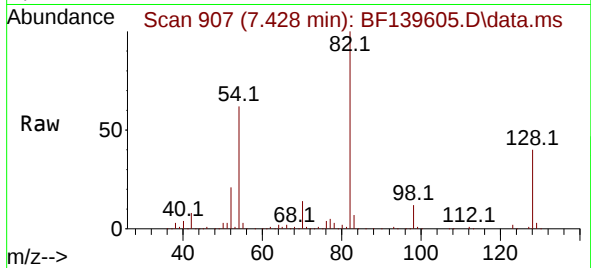
Tgt Ion:105 Resp: 421893
Ion Ratio Lower Upper
105 100
71 7.7 6.6 10.0
51 48.6 39.4 59.0
120 21.9 17.4 26.2





#23
Nitrobenzene-d5
Concen: 64.710 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

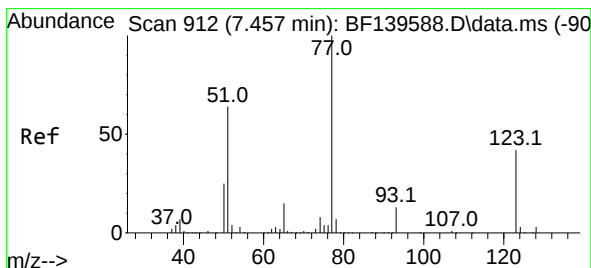
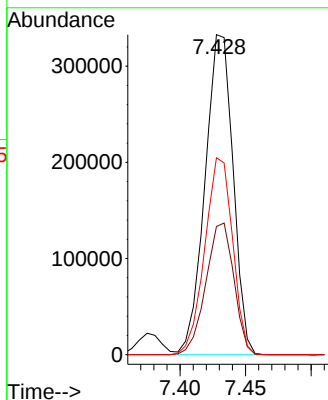
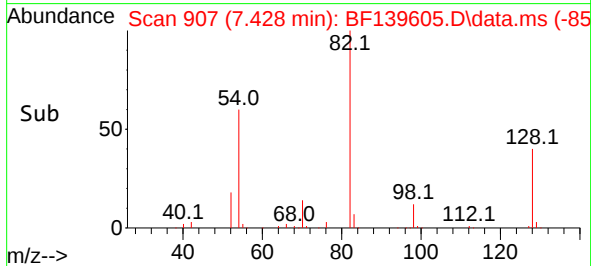
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion: 82 Resp: 495332
Ion Ratio Lower Upper
82 100
128 40.1 32.4 48.6
54 61.6 49.1 73.7

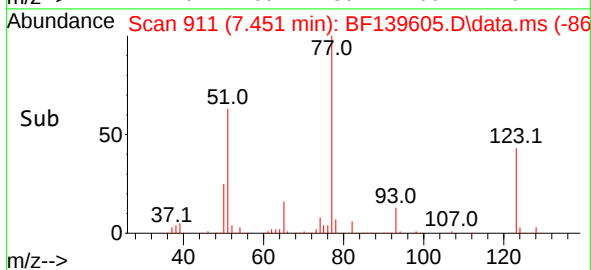
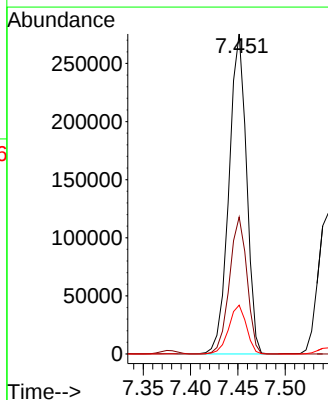
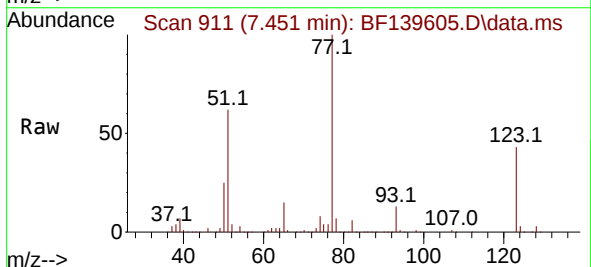
Manual Integrations
APPROVED

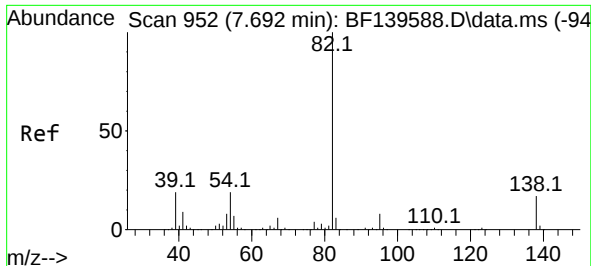
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#24
Nitrobenzene
Concen: 44.870 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

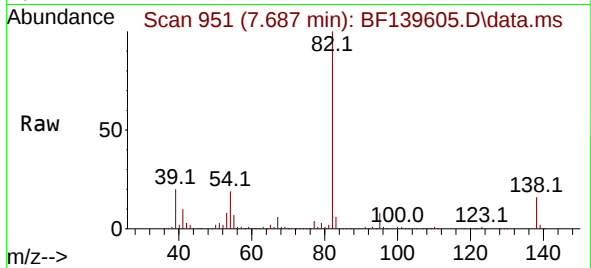
Tgt Ion: 77 Resp: 355655
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.4
65 15.3 12.1 18.1





#25
Isophorone
Concen: 46.660 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

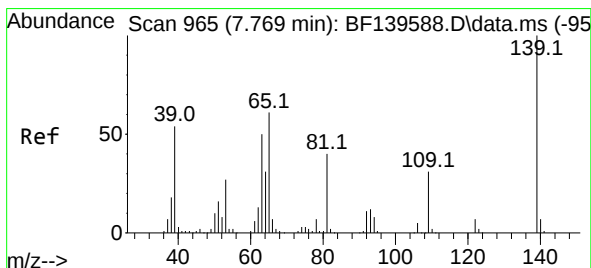
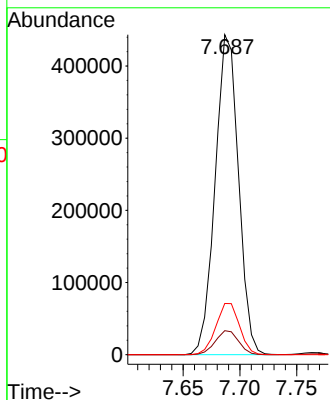
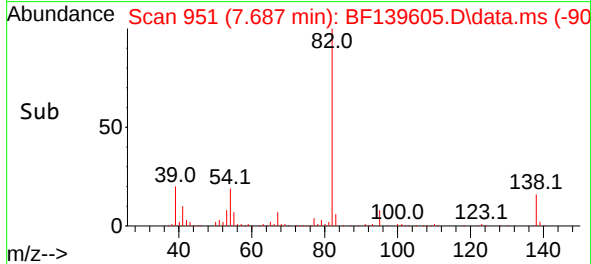
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion: 82 Resp: 634370
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.0 13.4 20.2

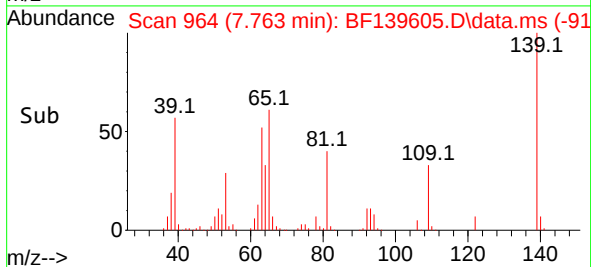
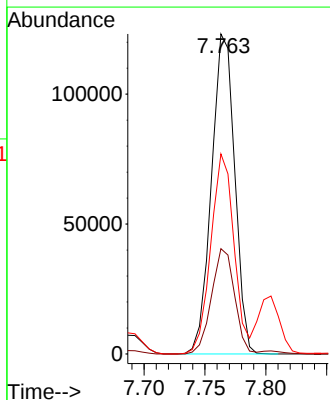
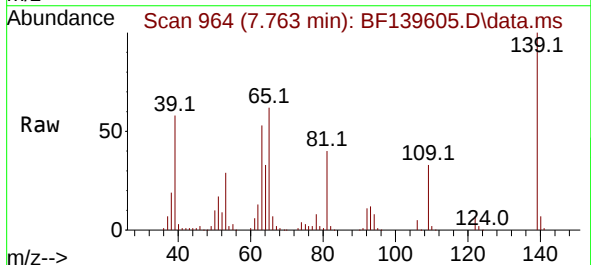
Manual Integrations
APPROVED

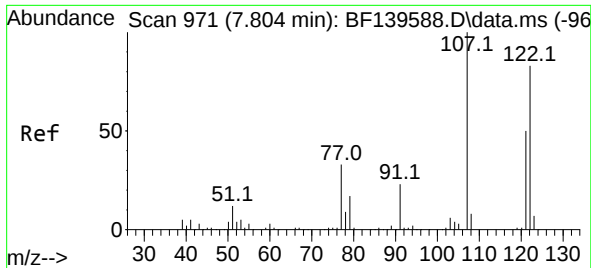
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#26
2-Nitrophenol
Concen: 48.057 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

Tgt Ion:139 Resp: 163755
Ion Ratio Lower Upper
139 100
109 32.9 24.9 37.3
65 62.5 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 57.186 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS

Tgt Ion:122 Resp: 23855

Ion Ratio Lower Upper

122 100

107 119.0 95.4 143.0

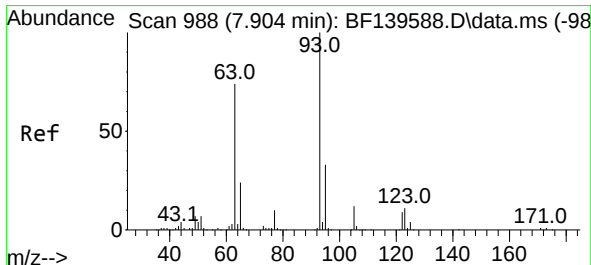
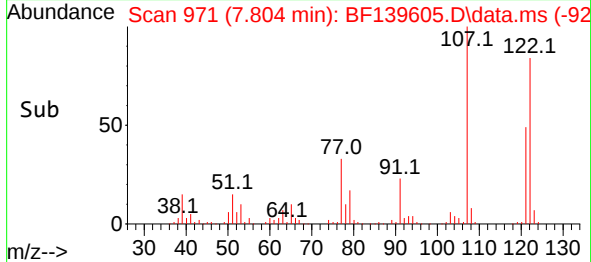
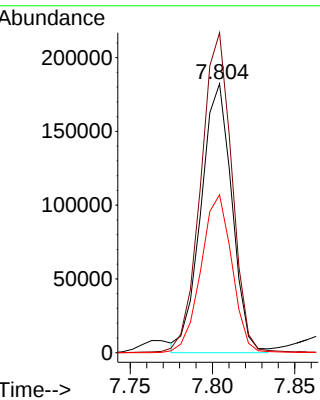
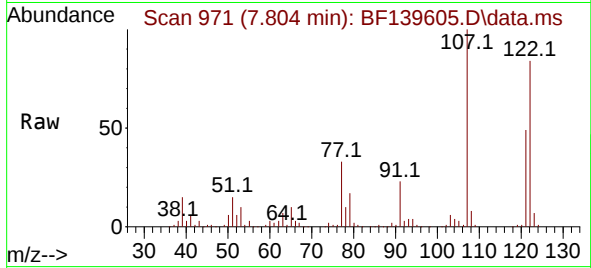
121 58.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024

Supervised By :mohammad ahmed 10/04/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.937 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

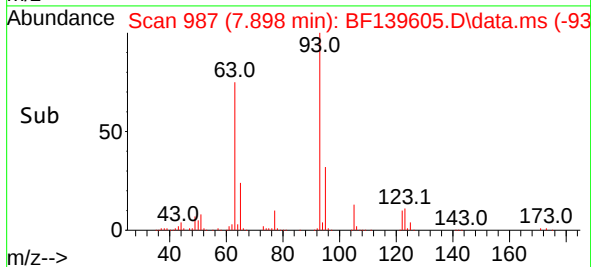
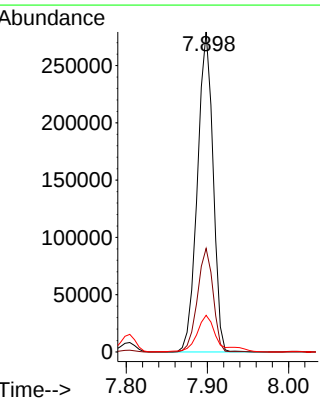
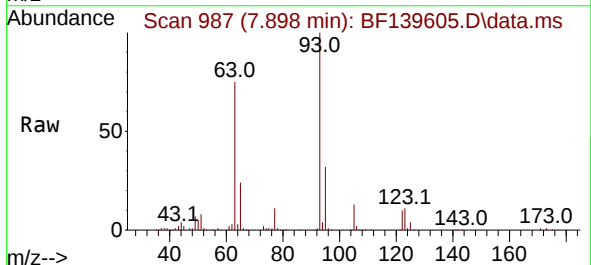
Tgt Ion: 93 Resp: 372941

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

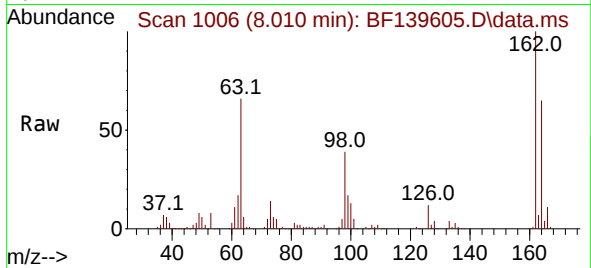
123 11.4 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 47.074 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

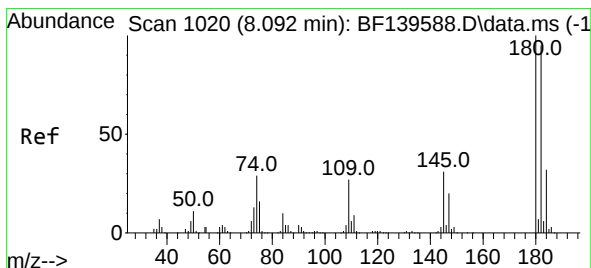
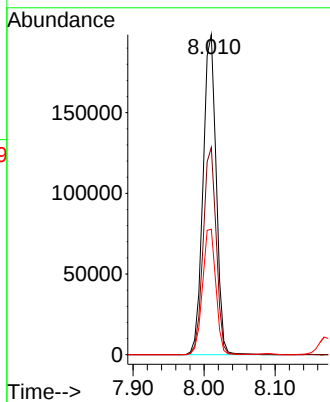
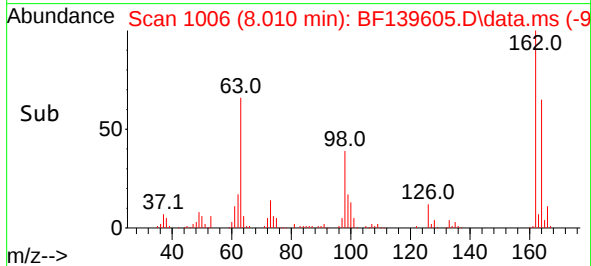
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:162 Resp: 256130
Ion Ratio Lower Upper
162 100
164 64.8 43.1 83.1
98 39.2 20.8 60.8

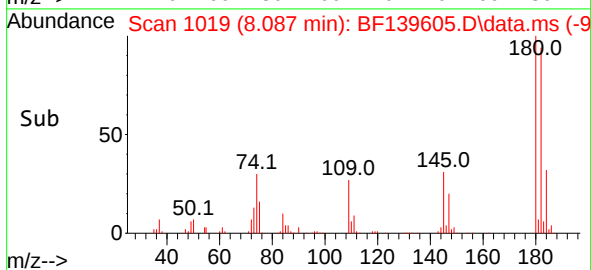
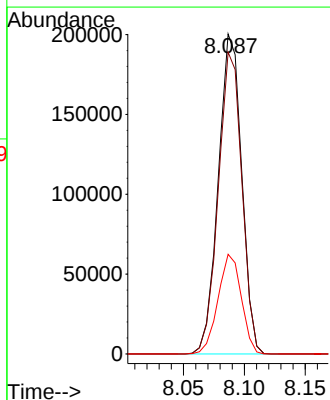
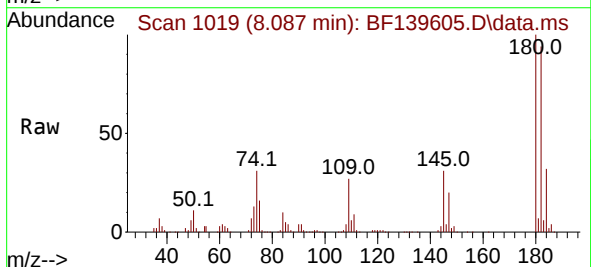
Manual Integrations
APPROVED

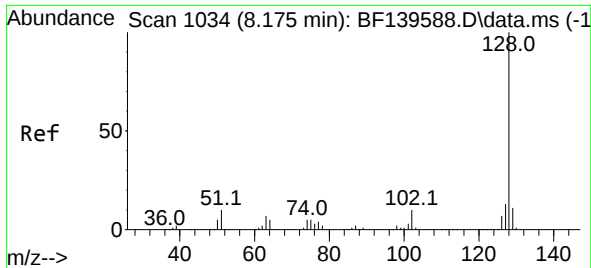
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.494 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

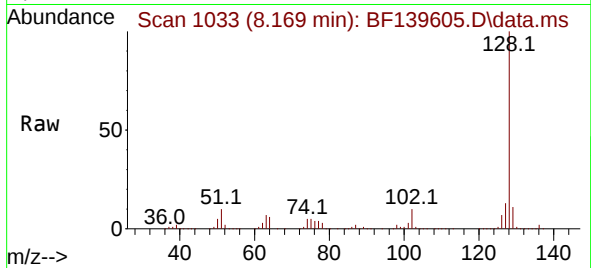
Tgt Ion:180 Resp: 267636
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 31.2 25.0 37.6





#31
Naphthalene
Concen: 45.231 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

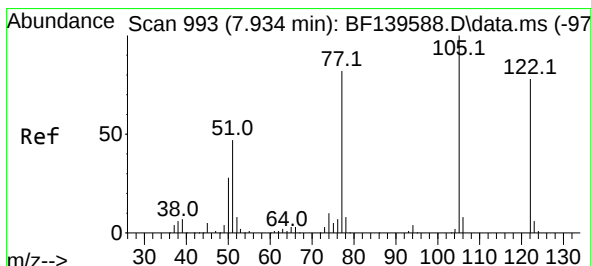
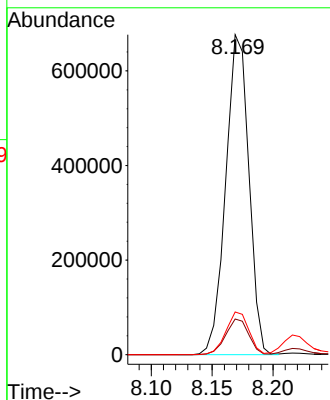
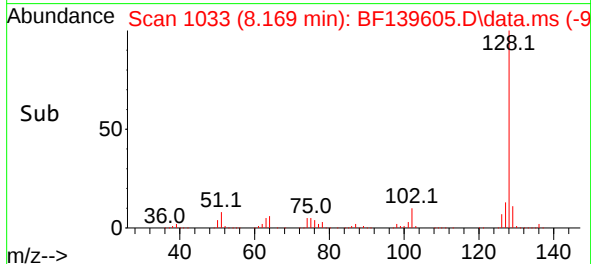
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:128 Resp: 896260
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.5 15.7

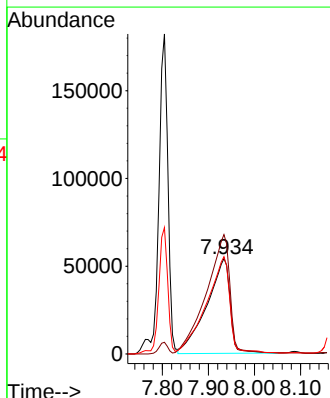
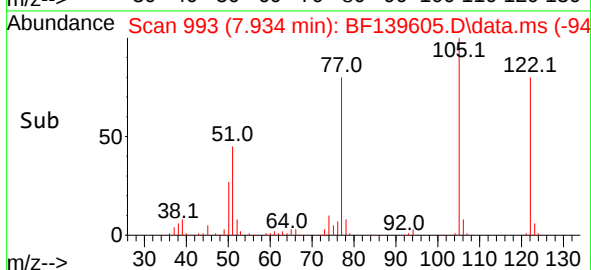
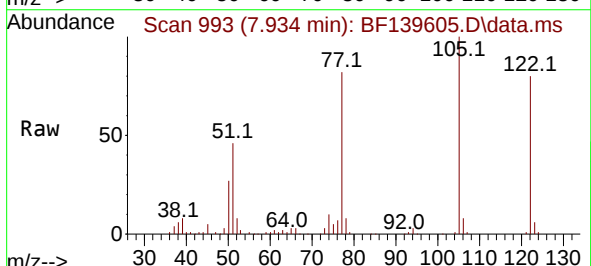
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#32
Benzoic acid
Concen: 45.762 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

Tgt Ion:122 Resp: 189818
Ion Ratio Lower Upper
122 100
105 125.1 104.9 144.9
77 102.0 82.7 122.7





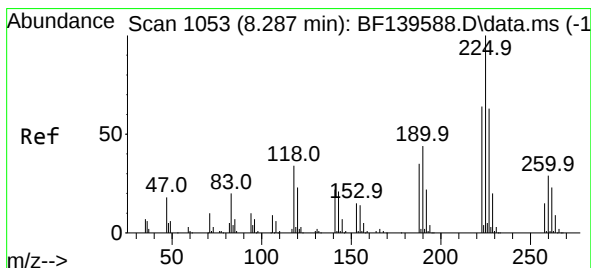
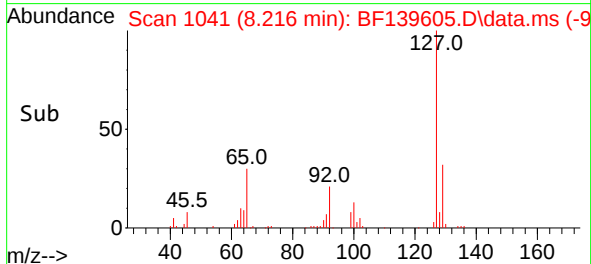
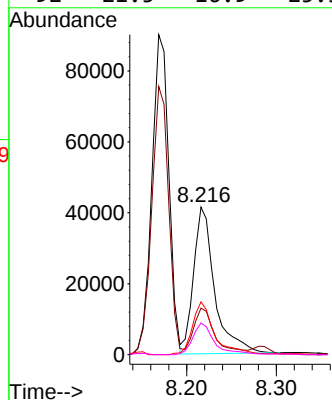
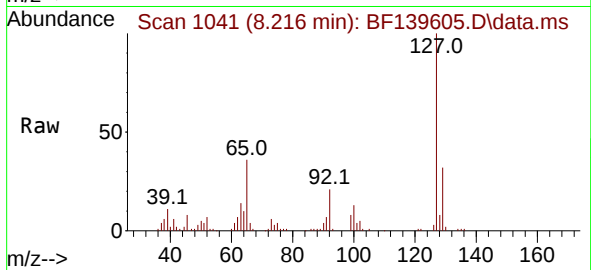
#33
4-Chloroaniline
Concen: 10.095 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS

Tgt Ion:	127	Resp:	6771
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.2	39.4
65	35.8	29.3	43.9
92	21.5	16.9	25.3

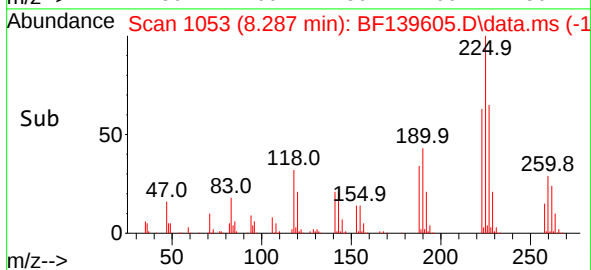
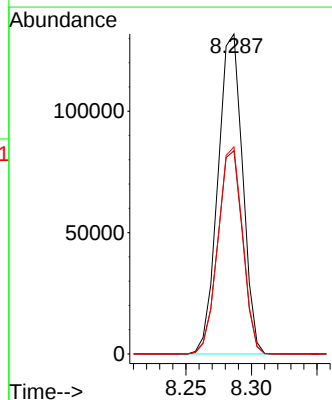
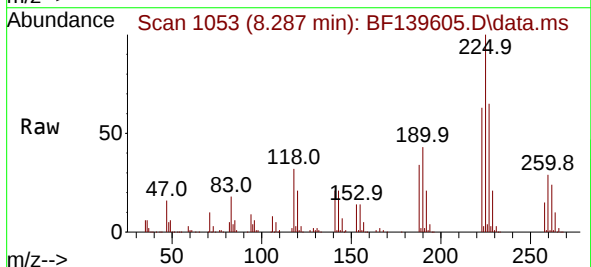
Manual Integrations
APPROVED

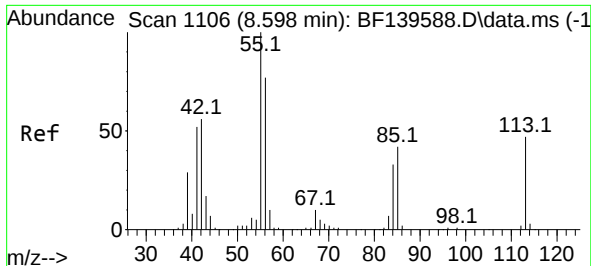
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#34
Hexachlorobutadiene
Concen: 43.263 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

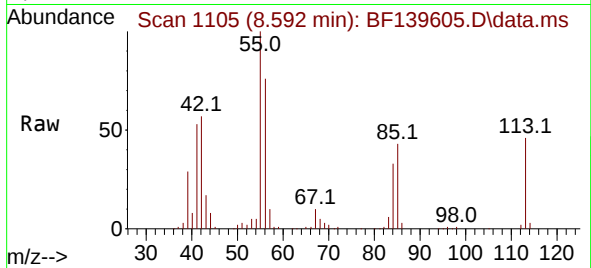
Tgt Ion:	225	Resp:	172275
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.9	76.3
227	64.7	50.7	76.1





#35
Caprolactam
Concen: 48.698 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

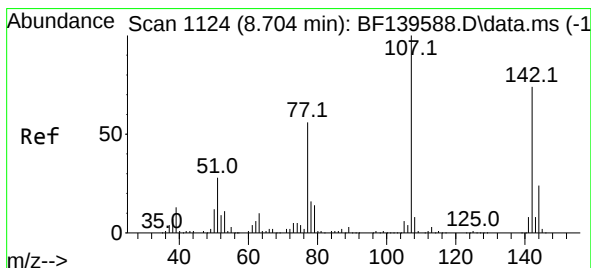
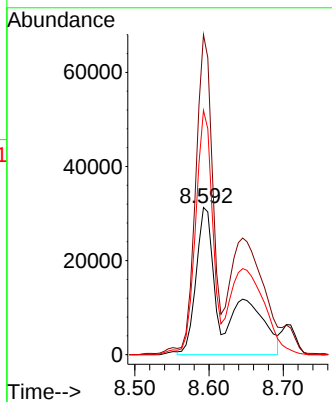
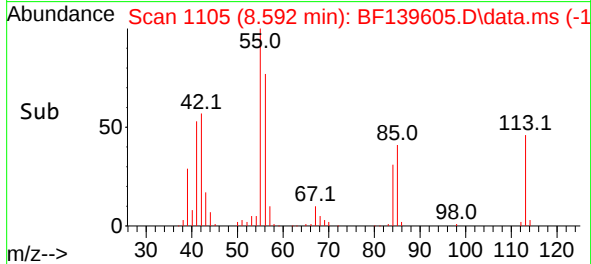
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:113 Resp: 86908
Ion Ratio Lower Upper
113 100
55 217.4 193.4 233.4
56 166.0 143.8 183.8

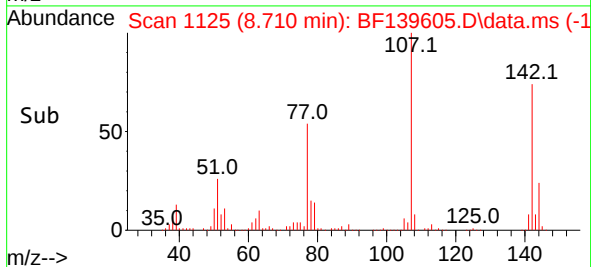
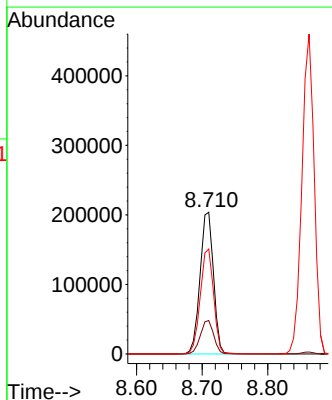
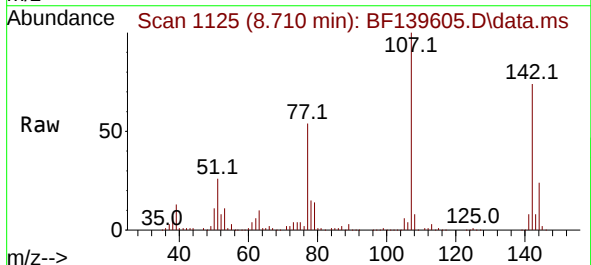
Manual Integrations
APPROVED

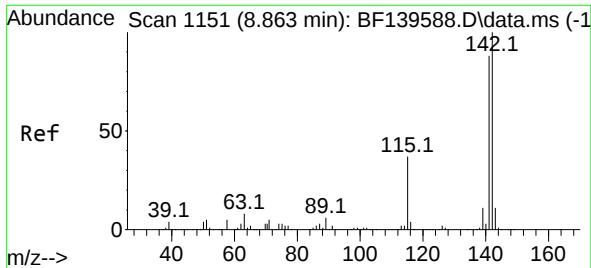
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#36
4-Chloro-3-methylphenol
Concen: 47.378 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

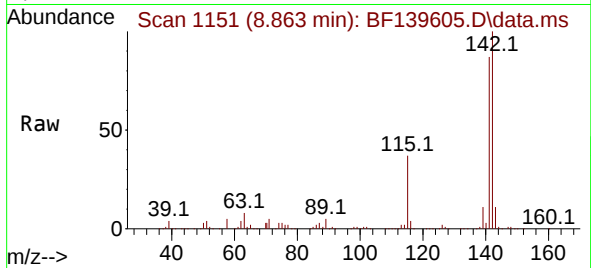
Tgt Ion:107 Resp: 291816
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.6
142 74.1 59.2 88.8





#37
2-Methylnaphthalene
Concen: 45.907 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

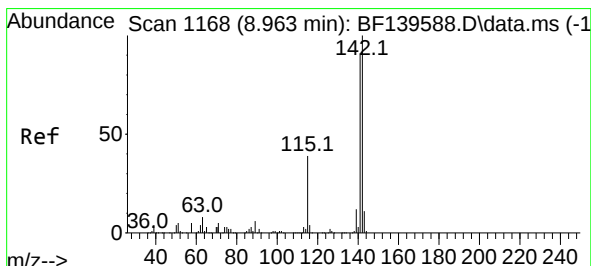
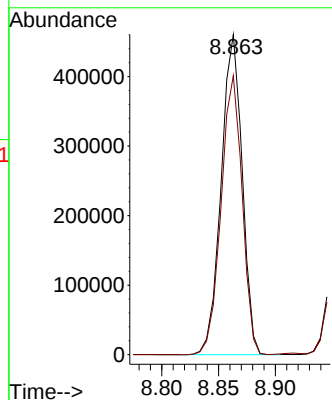
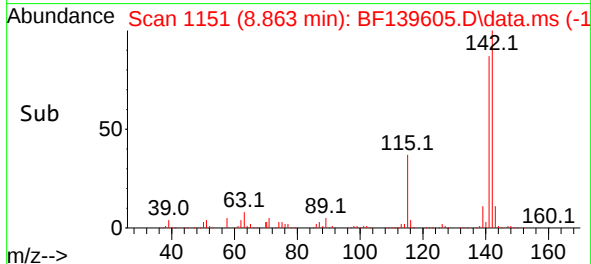
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:142 Resp: 592460
Ion Ratio Lower Upper
142 100
141 87.1 70.4 105.6

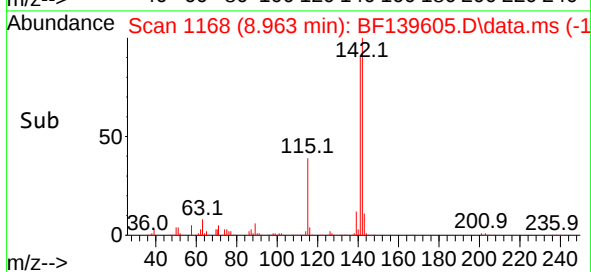
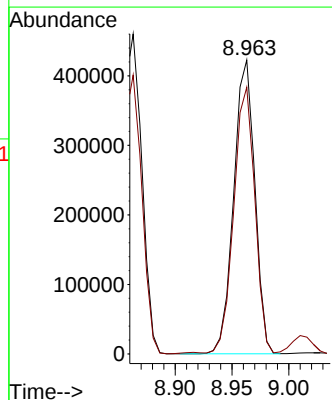
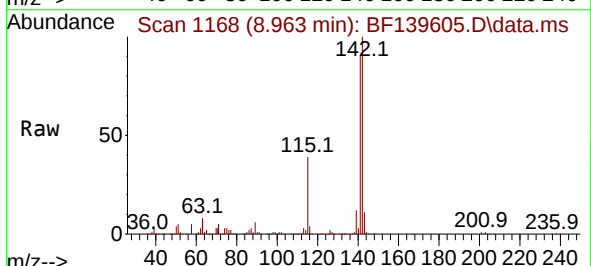
Manual Integrations
APPROVED

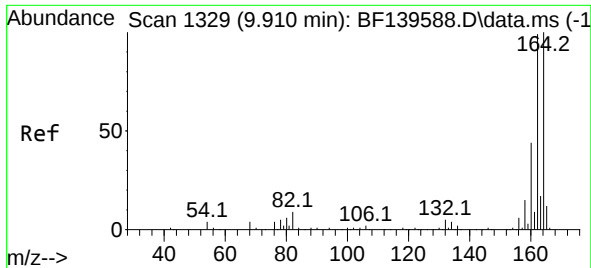
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#38
1-Methylnaphthalene
Concen: 43.271 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

Tgt Ion:142 Resp: 545852
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139605.D

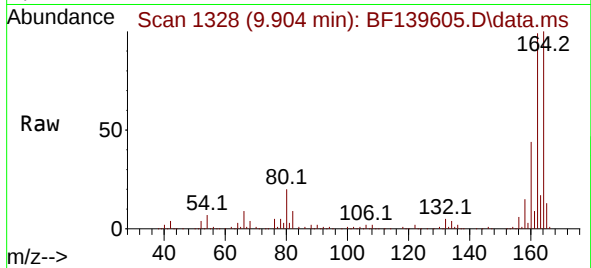
Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS



Tgt Ion:164 Resp: 21477

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

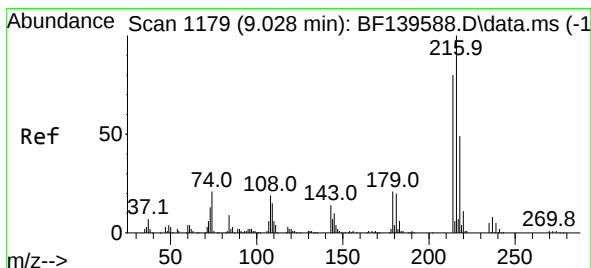
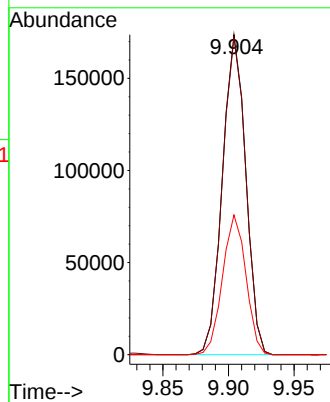
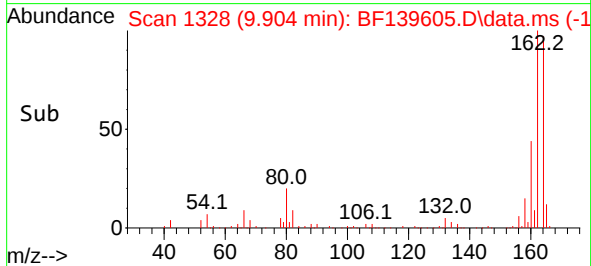
160 43.6 35.1 52.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/03/2024

Supervised By :mohammad ahmed 10/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.245 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

Tgt Ion:216 Resp: 275803

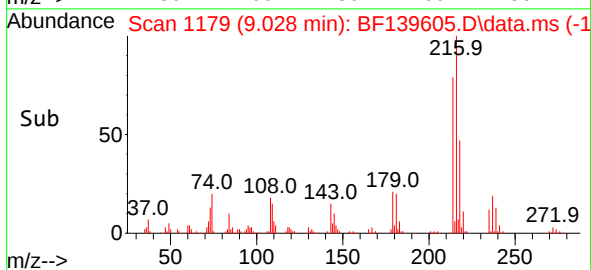
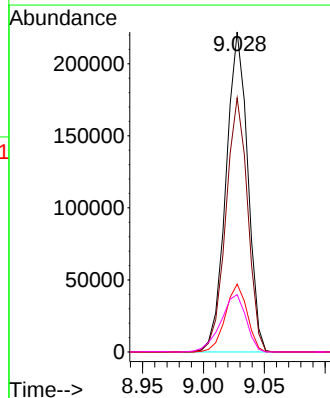
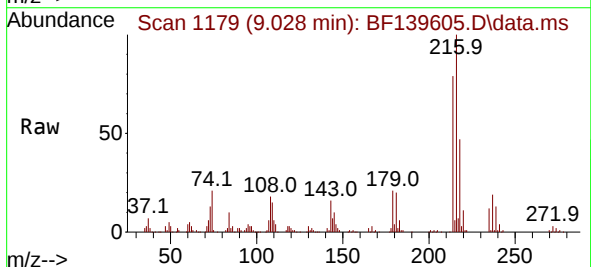
Ion Ratio Lower Upper

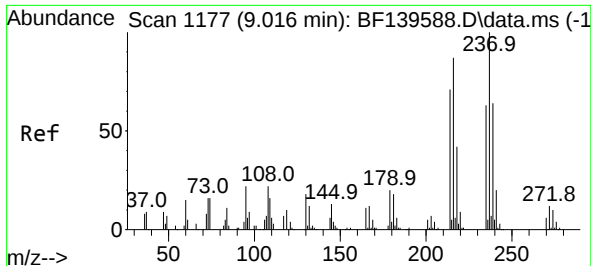
216 100

214 79.6 63.7 95.5

179 21.2 16.9 25.3

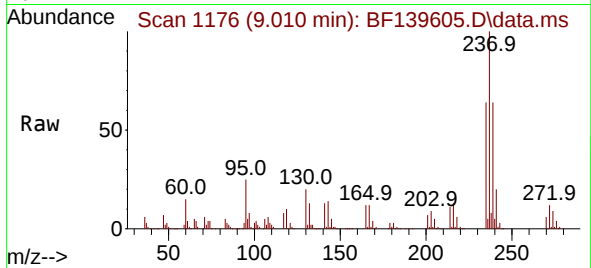
108 21.0 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 154.286 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

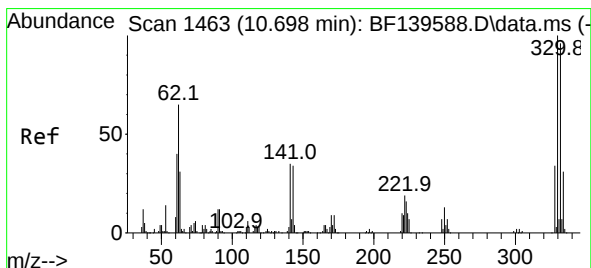
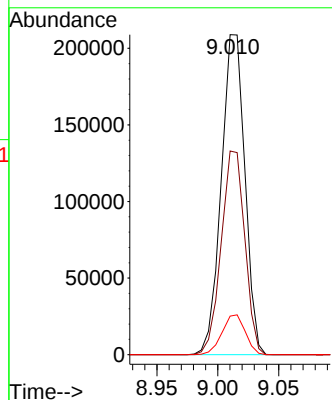
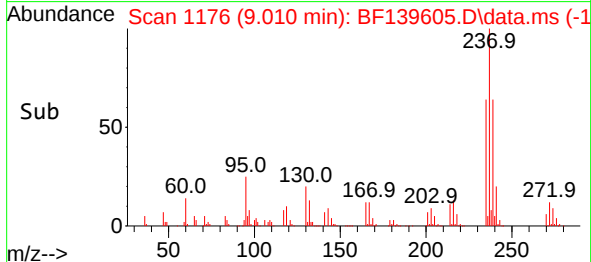
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



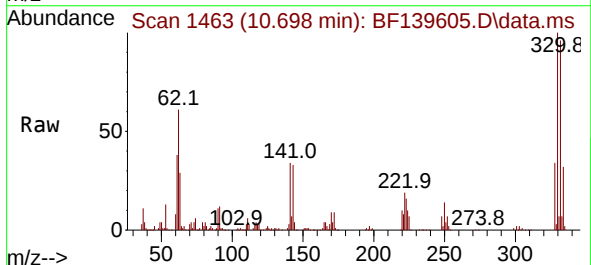
Tgt Ion:237 Resp: 28214
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 12.1 0.0 32.1

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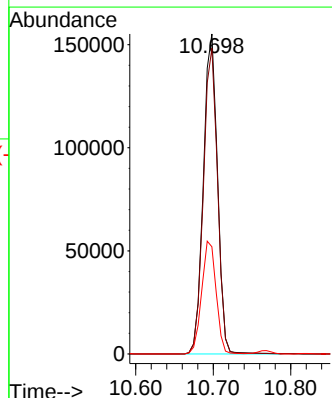
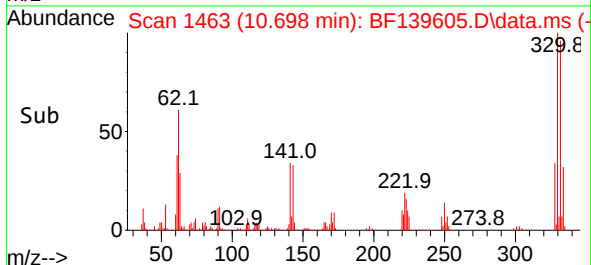
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#42
2,4,6-Tribromophenol
Concen: 94.710 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



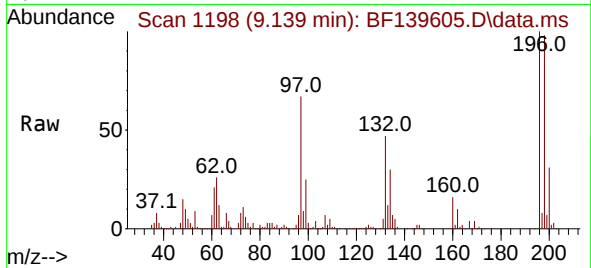
Tgt Ion:330 Resp: 196361
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 36.0 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 47.113 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

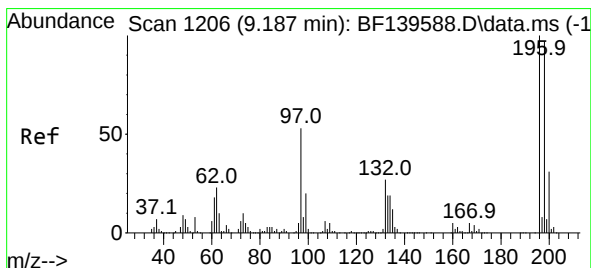
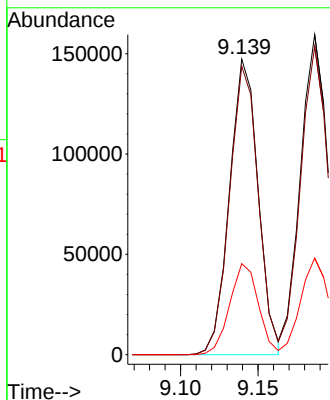
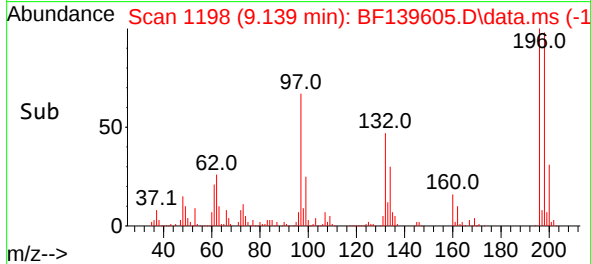
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



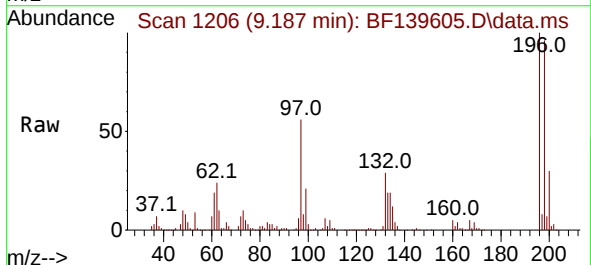
Tgt Ion:196 Resp: 18941
Ion Ratio Lower Upper
196 100
198 97.7 75.2 112.8
200 30.8 24.6 37.0

Manual Integrations
APPROVED

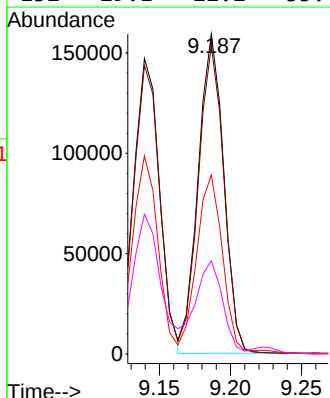
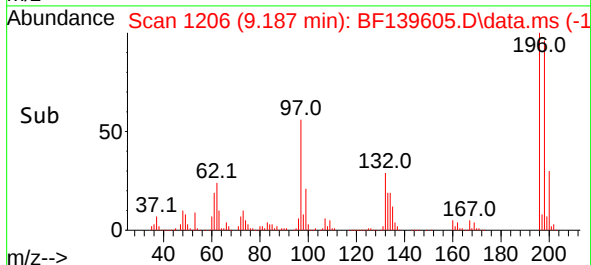
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

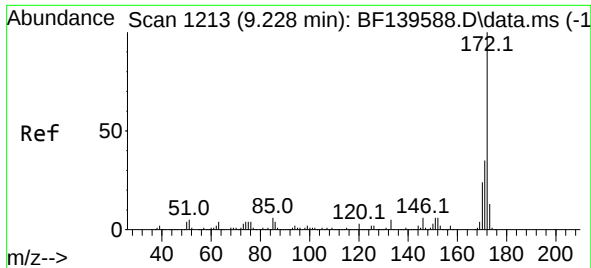


#44
2,4,5-Trichlorophenol
Concen: 46.003 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



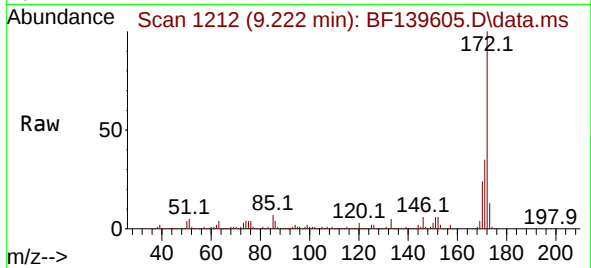
Tgt Ion:196 Resp: 199458
Ion Ratio Lower Upper
196 100
198 96.3 77.5 116.3
97 56.0 43.1 64.7
132 29.1 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 65.469 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

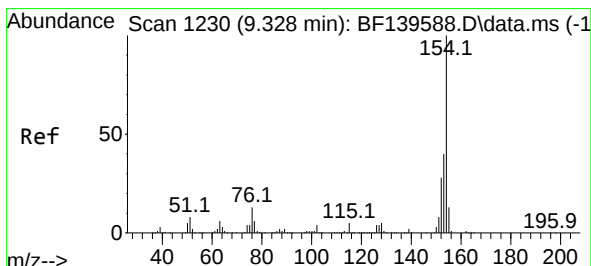
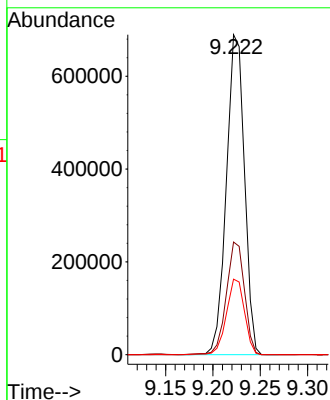
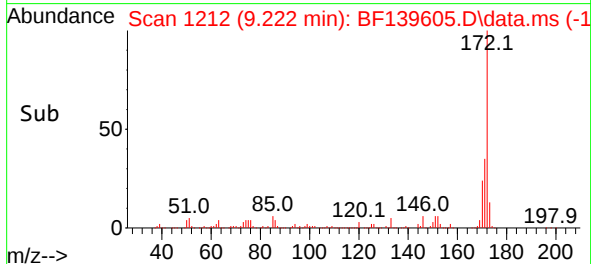
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



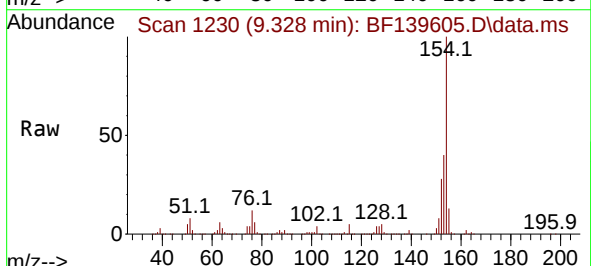
Tgt Ion:172 Resp: 915910
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.6 18.8 28.2

Manual Integrations
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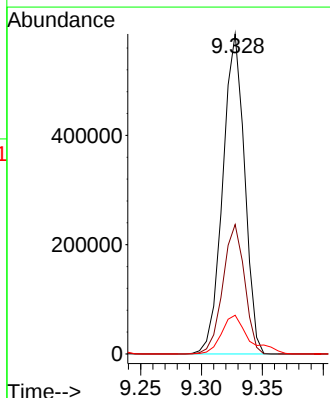
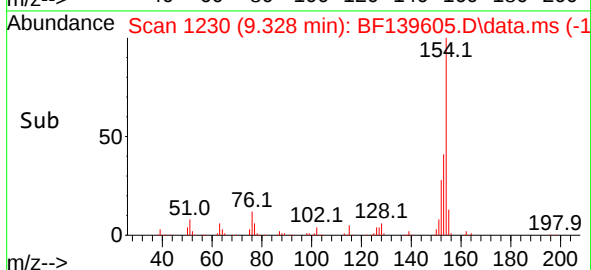
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#46
1,1'-Biphenyl
Concen: 45.775 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



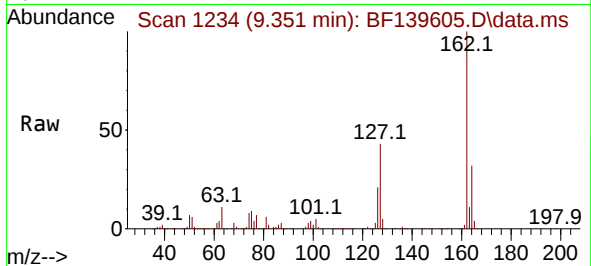
Tgt Ion:154 Resp: 731218
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 46.009 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

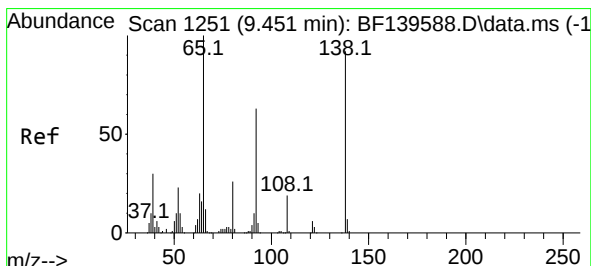
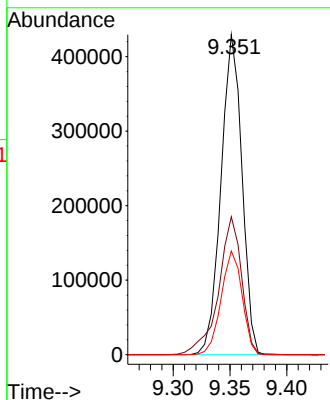
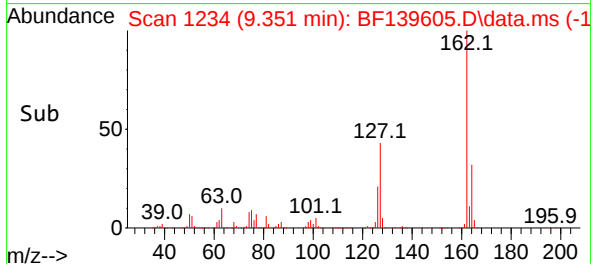
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:162 Resp: 550970
Ion Ratio Lower Upper
162 100
127 43.1 35.0 52.4
164 32.4 26.1 39.1

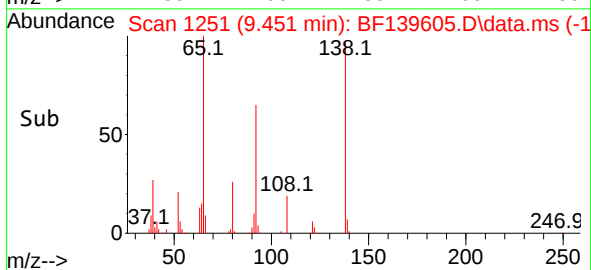
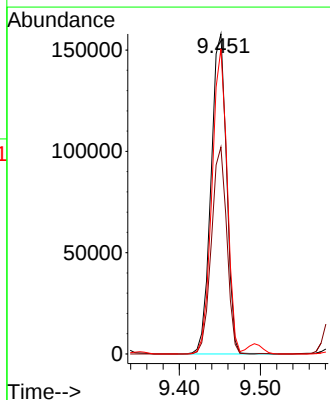
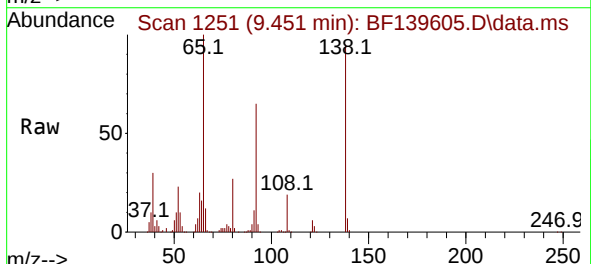
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#48
2-Nitroaniline
Concen: 48.895 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

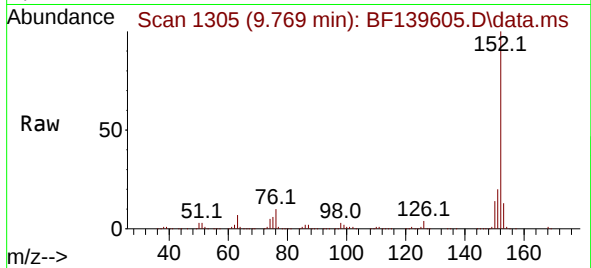
Tgt Ion: 65 Resp: 210190
Ion Ratio Lower Upper
65 100
92 64.6 50.0 75.0
138 95.3 73.8 110.8





#49
Acenaphthylene
Concen: 49.262 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

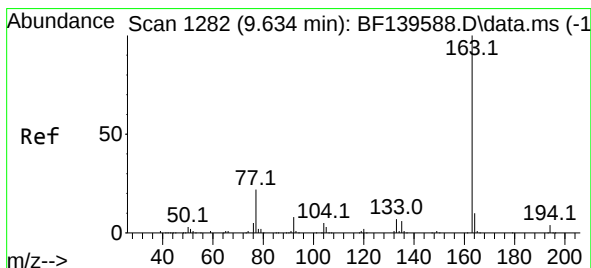
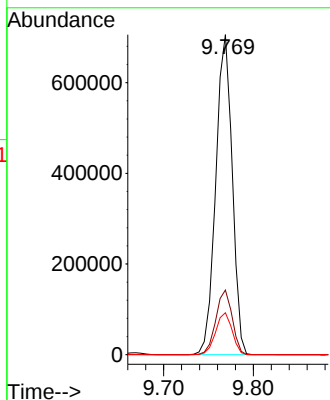
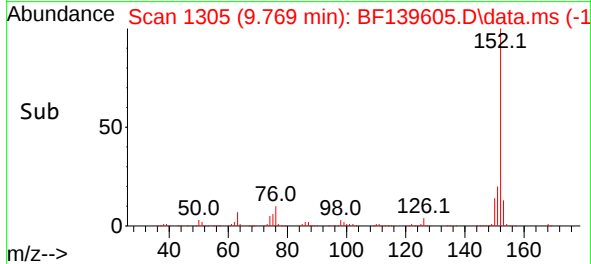
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



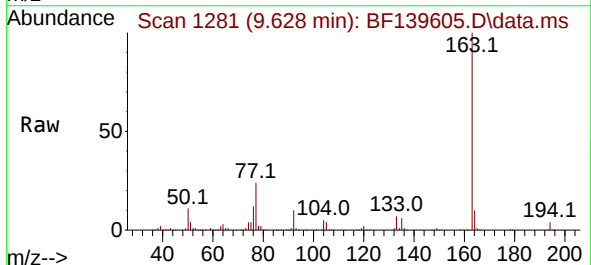
Tgt Ion:152 Resp: 897160
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.1 10.5 15.7

Manual Integrations
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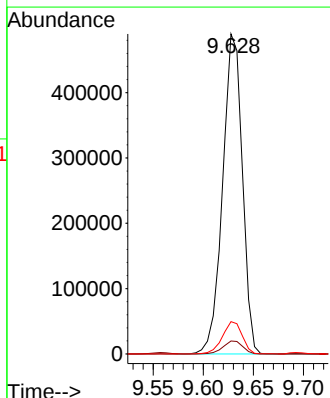
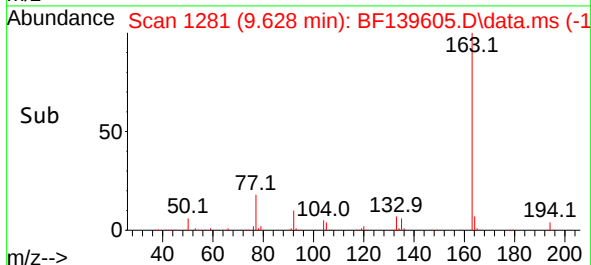
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#50
Dimethylphthalate
Concen: 47.579 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



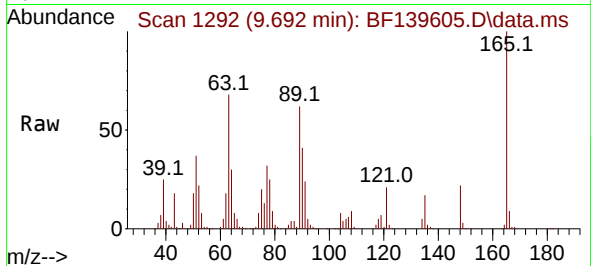
Tgt Ion:163 Resp: 668919
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.232 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

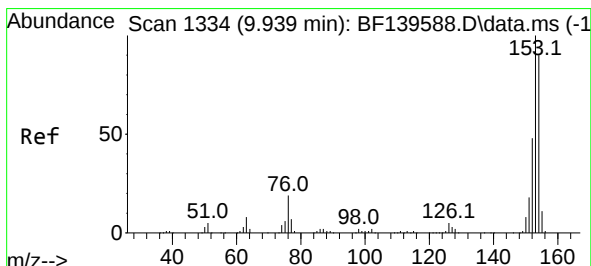
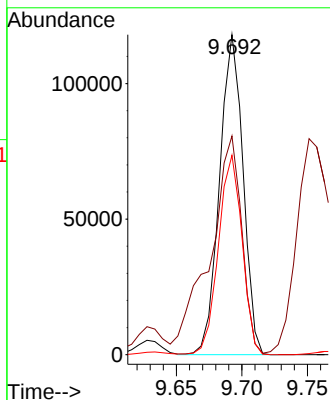
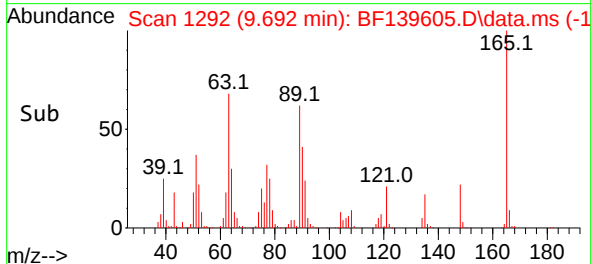
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



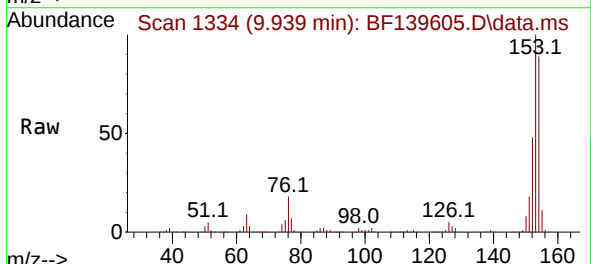
Tgt Ion:165 Resp: 146828
Ion Ratio Lower Upper
165 100
63 68.4 56.7 85.1
89 62.3 51.6 77.4

Manual Integrations
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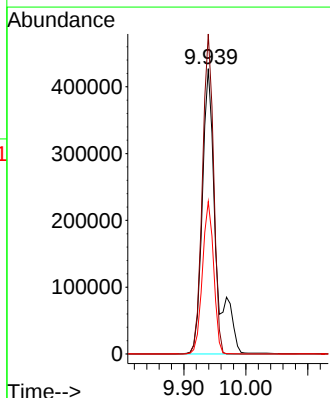
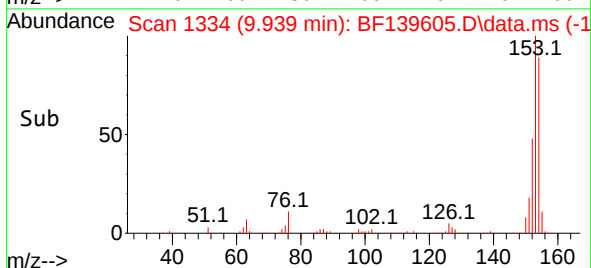
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

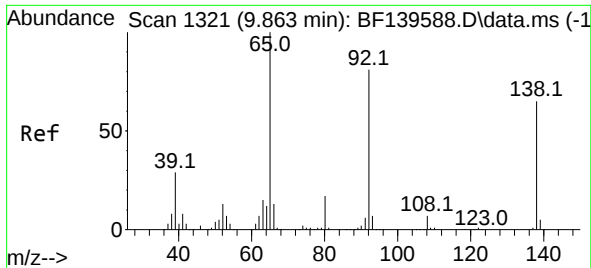


#52
Acenaphthene
Concen: 52.176 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



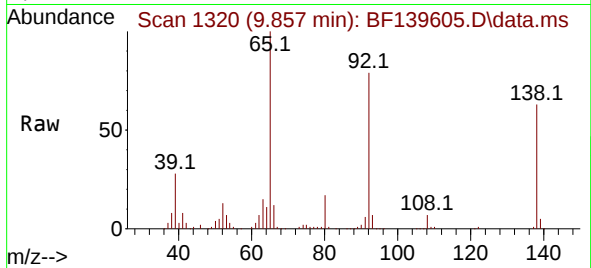
Tgt Ion:154 Resp: 652323
Ion Ratio Lower Upper
154 100
153 112.1 88.8 133.2
152 53.4 42.5 63.7





#53
3-Nitroaniline
Concen: 29.776 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

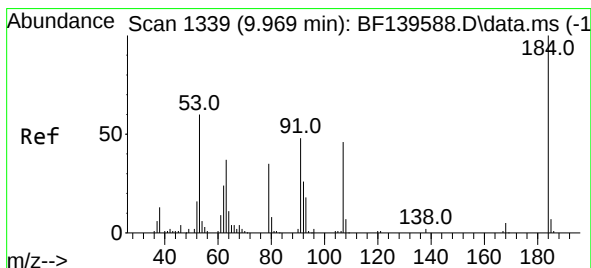
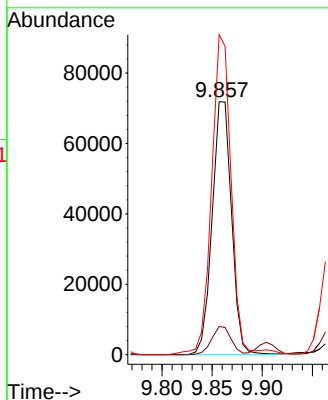
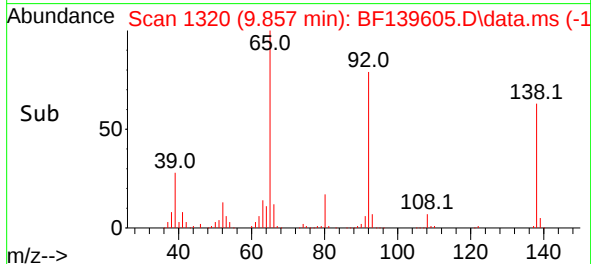
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:138 Resp: 9663
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 126.5 100.0 150.0

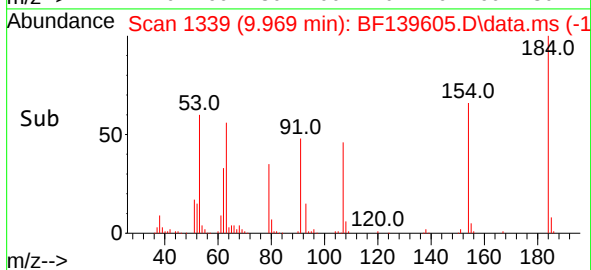
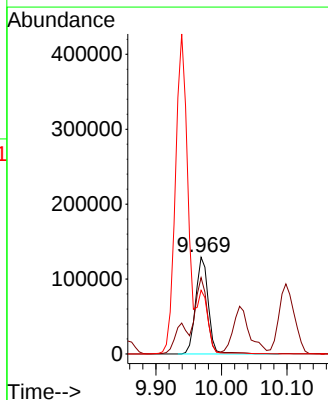
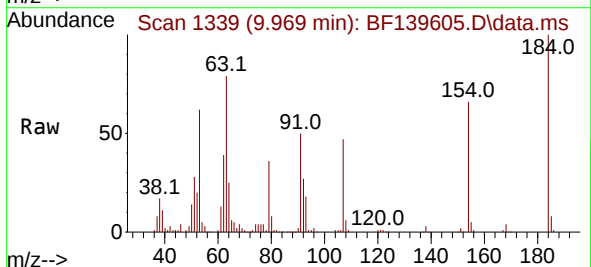
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#54
2,4-Dinitrophenol
Concen: 102.137 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

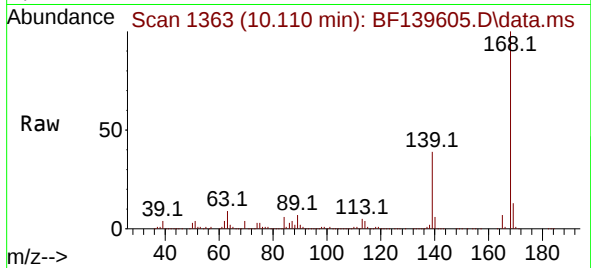
Tgt Ion:184 Resp: 174471
Ion Ratio Lower Upper
184 100
63 79.0 61.7 92.5
154 65.9 53.0 79.4





#55
Dibenzenofuran
Concen: 46.881 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

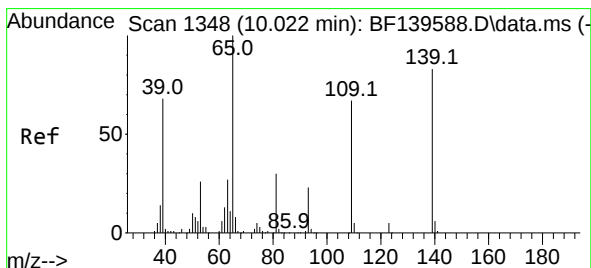
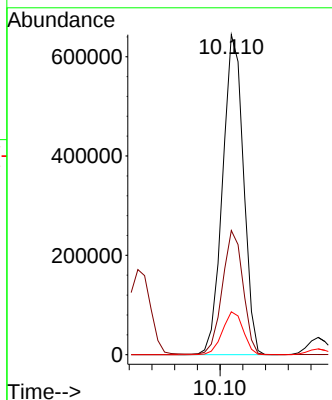
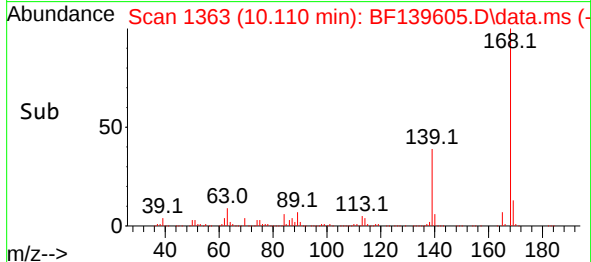
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:168 Resp: 820659
Ion Ratio Lower Upper
168 100
139 38.8 30.4 45.6
169 13.4 10.7 16.1

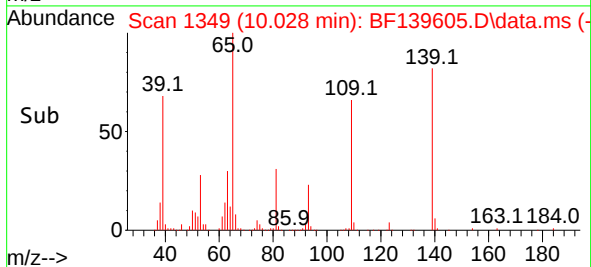
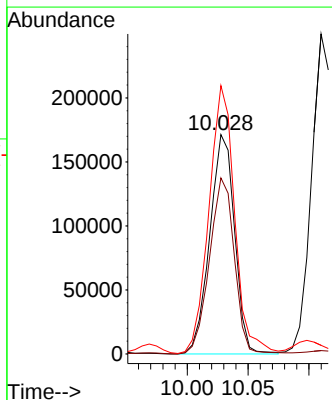
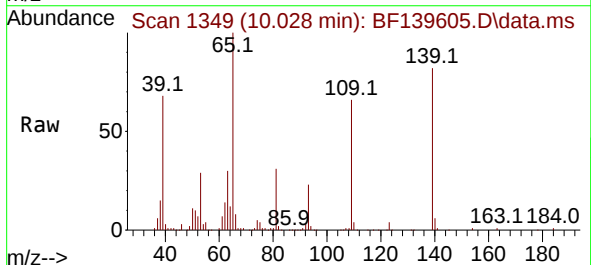
Manual Integrations
APPROVED

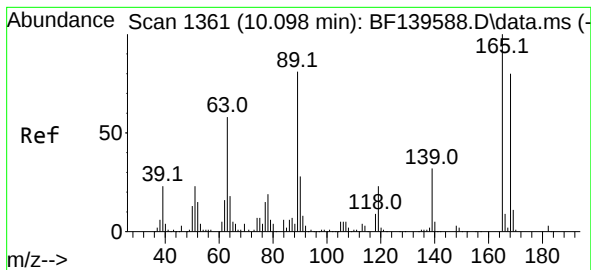
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#56
4-Nitrophenol
Concen: 98.170 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

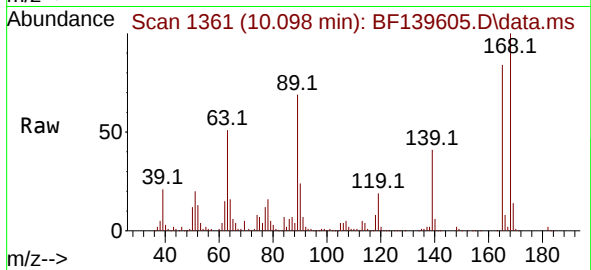
Tgt Ion:139 Resp: 242971
Ion Ratio Lower Upper
139 100
109 80.3 60.3 100.3
65 122.3 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 47.898 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

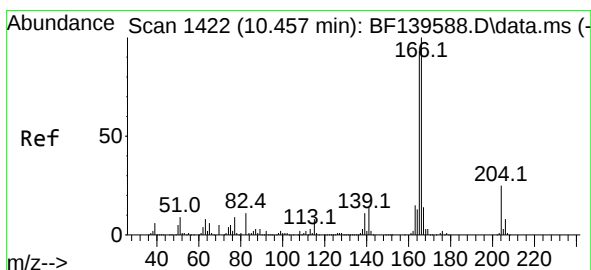
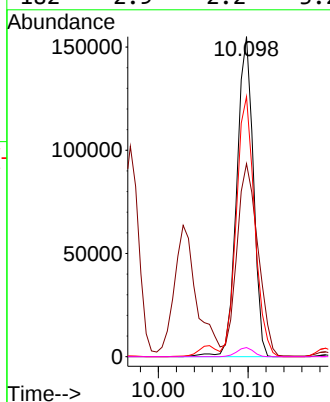
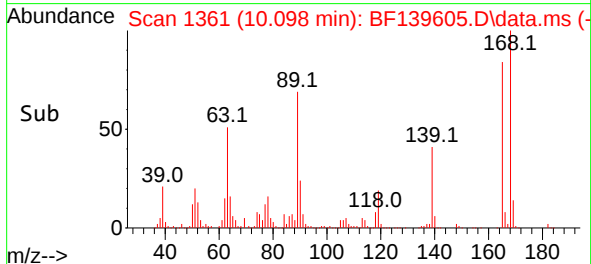
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:165 Resp: 198838
Ion Ratio Lower Upper
165 100
63 60.3 46.9 70.3
89 81.3 64.4 96.6
182 2.9 2.2 3.2

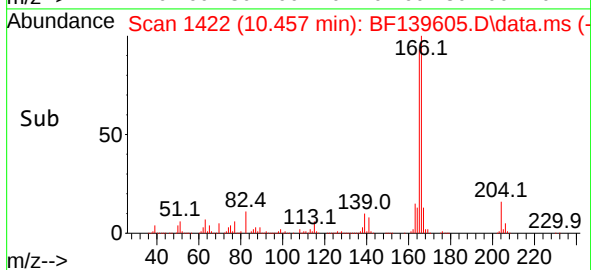
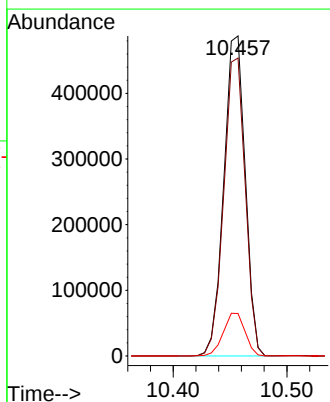
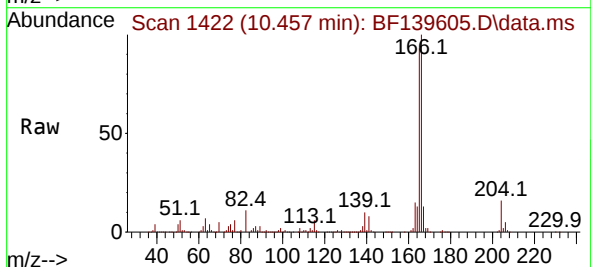
Manual Integrations
APPROVED

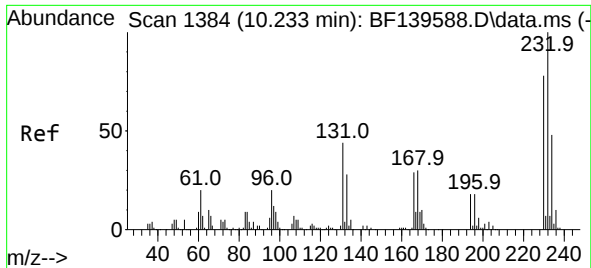
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#58
Fluorene
Concen: 45.861 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

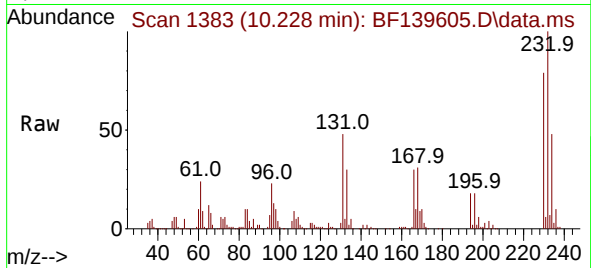
Tgt Ion:166 Resp: 639422
Ion Ratio Lower Upper
166 100
165 93.1 74.4 111.6
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.203 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

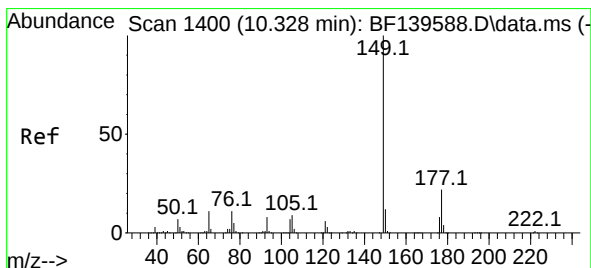
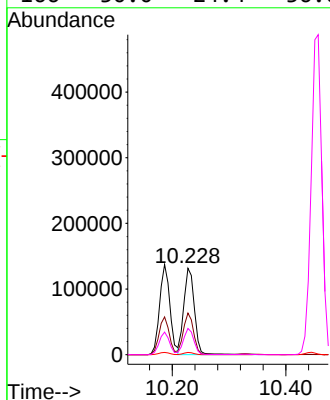
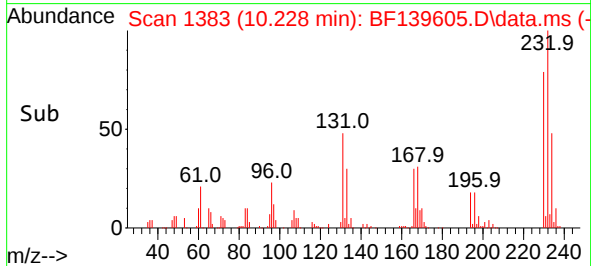
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:232 Resp: 16880
Ion Ratio Lower Upper
232 100
131 47.9 37.8 56.6
130 2.5 1.9 2.9
166 30.0 24.4 36.6

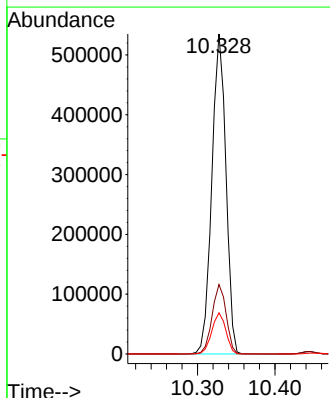
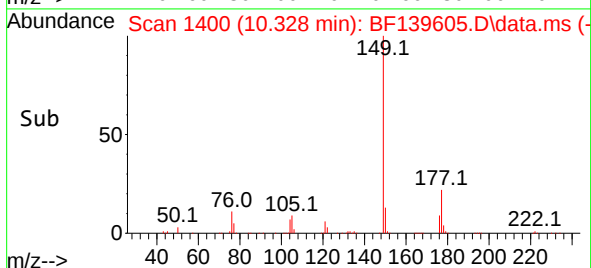
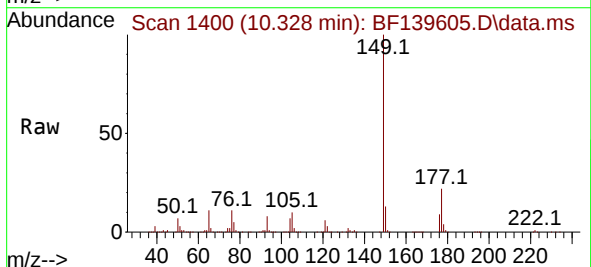
Manual Integrations
APPROVED

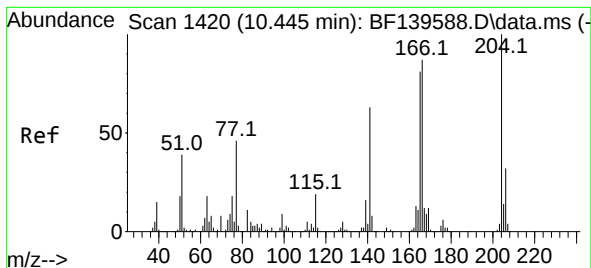
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#60
Diethylphthalate
Concen: 46.501 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

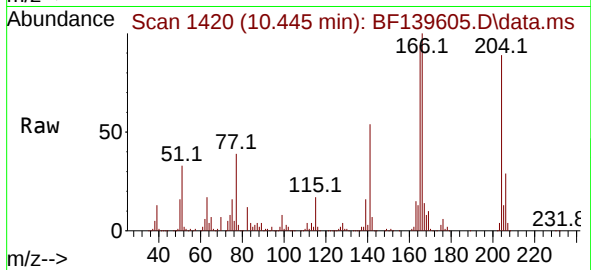
Tgt Ion:149 Resp: 675267
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.838 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

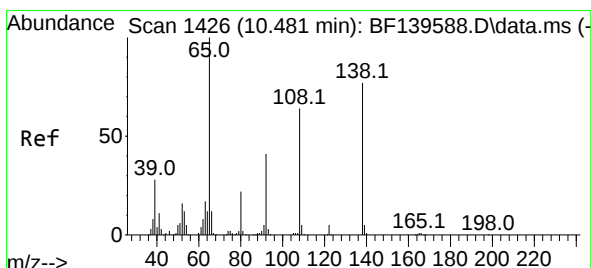
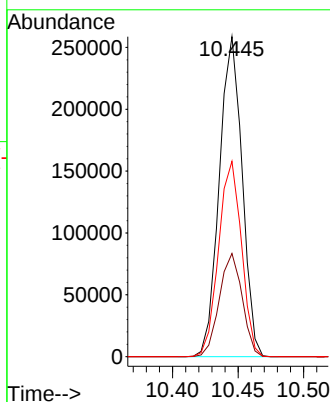
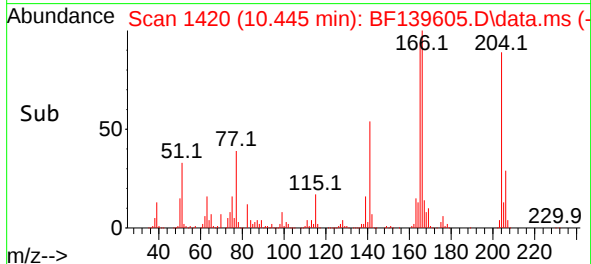
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:204 Resp: 31275
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 61.0 50.5 75.7

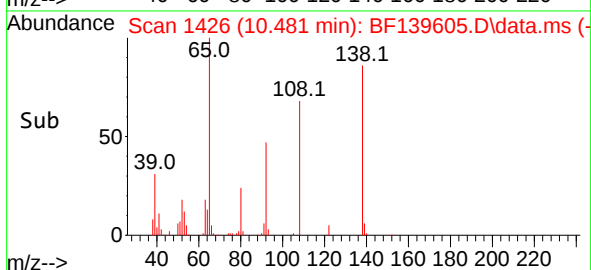
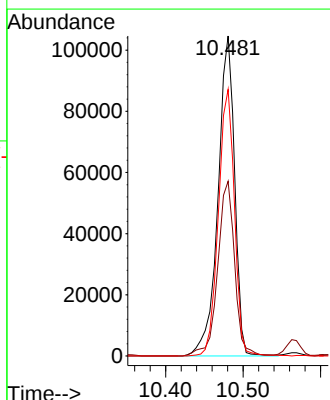
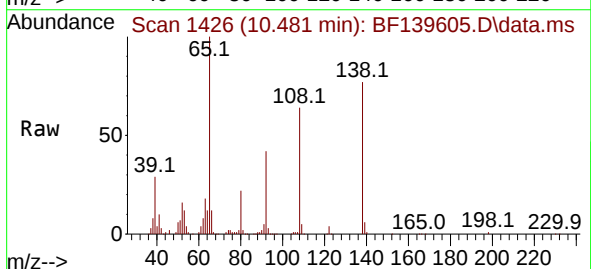
Manual Integrations
APPROVED

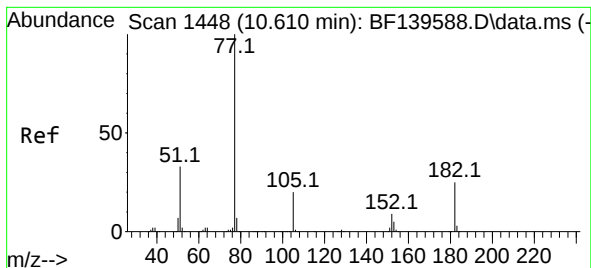
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#62
4-Nitroaniline
Concen: 47.285 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

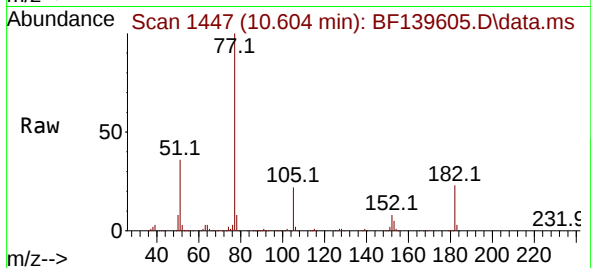
Tgt Ion:138 Resp: 156976
Ion Ratio Lower Upper
138 100
92 54.6 33.3 73.3
108 83.3 62.1 102.1





#63
Azobenzene
Concen: 55.264 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

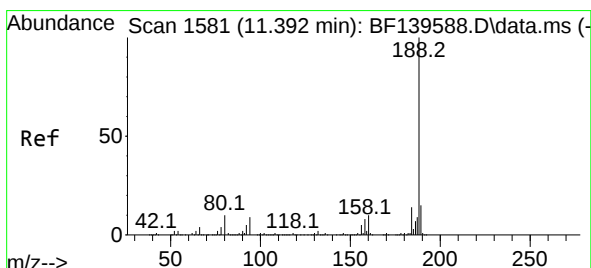
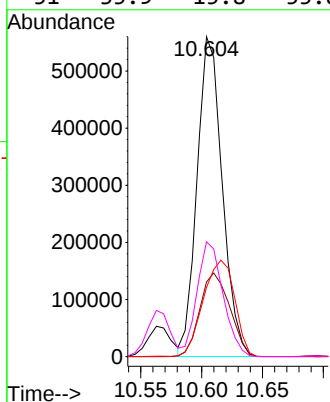
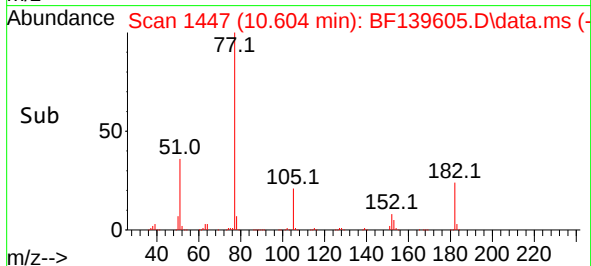
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



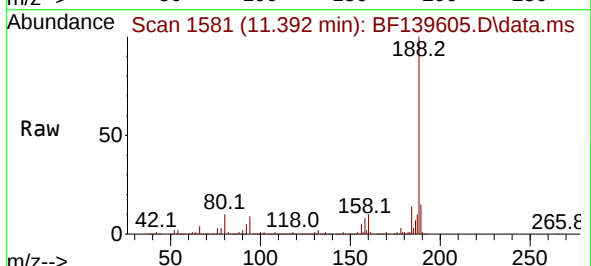
Tgt Ion: 77 Resp: 80707
Ion Ratio Lower Upper
77 100
182 23.4 4.2 44.2
105 21.6 0.0 39.6
51 35.9 15.8 55.8

Manual Integrations
APPROVED

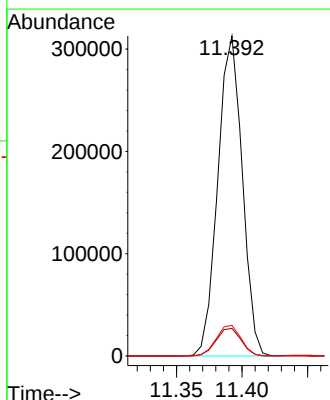
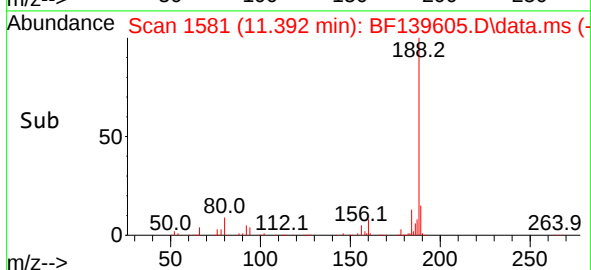
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

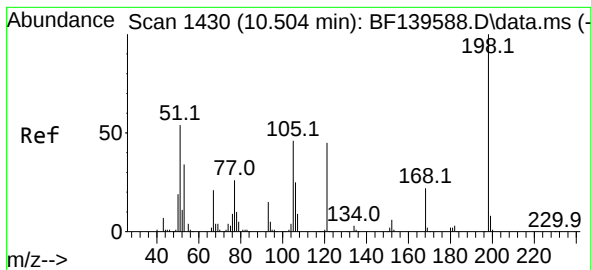


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



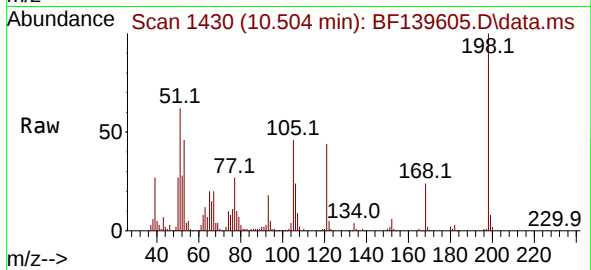
Tgt Ion:188 Resp: 405363
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.5 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.551 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

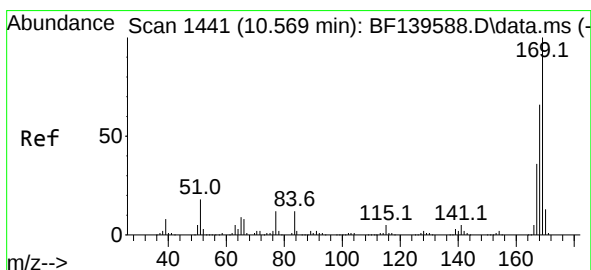
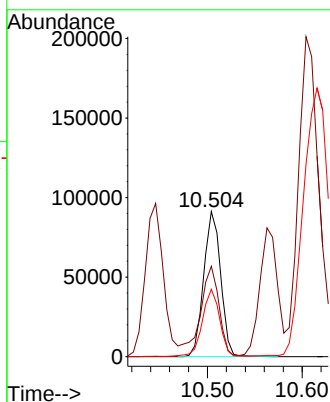
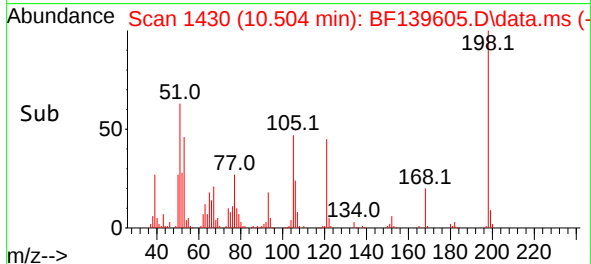
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



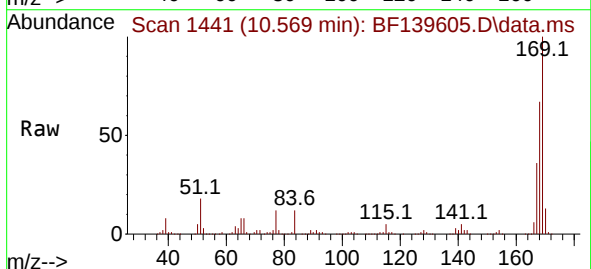
Tgt Ion:198 Resp: 113441
Ion Ratio Lower Upper
198 100
51 62.4 43.0 83.0
105 46.4 26.6 66.6

Manual Integrations
APPROVED

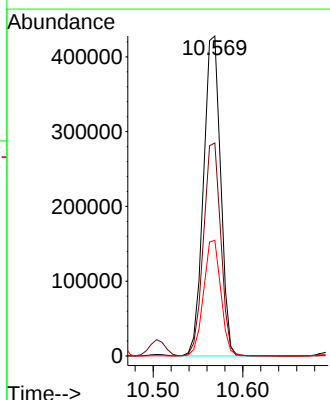
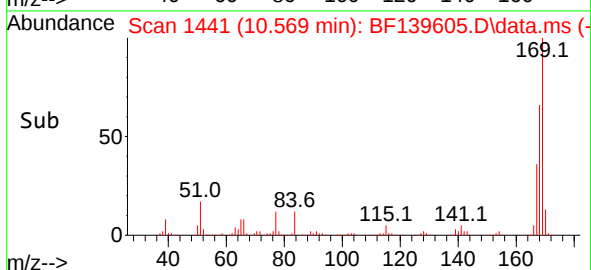
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#66
n-Nitrosodiphenylamine
Concen: 47.425 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



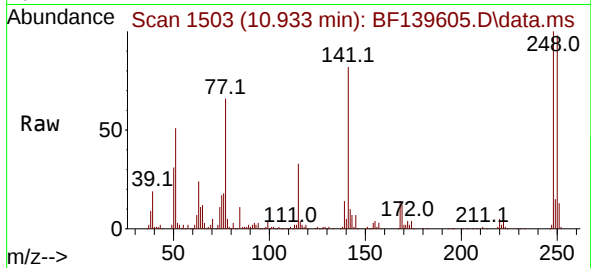
Tgt Ion:169 Resp: 566665
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 44.978 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

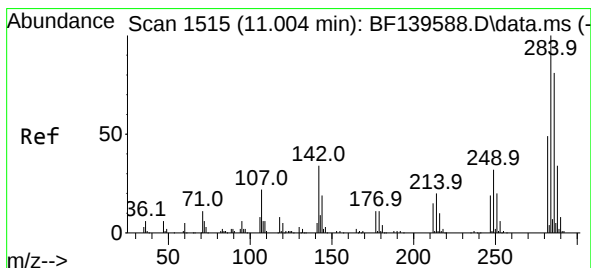
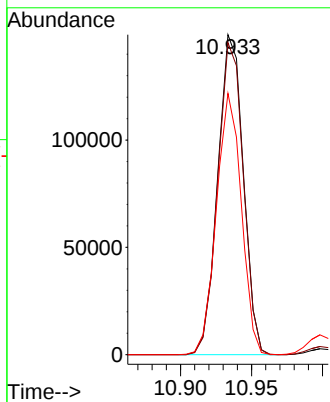
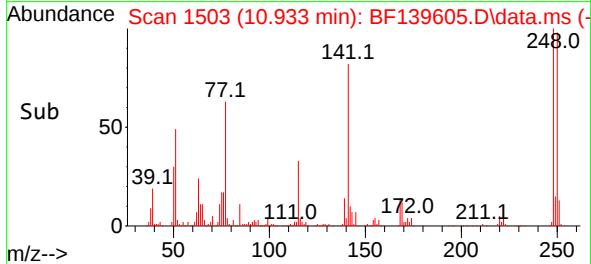
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



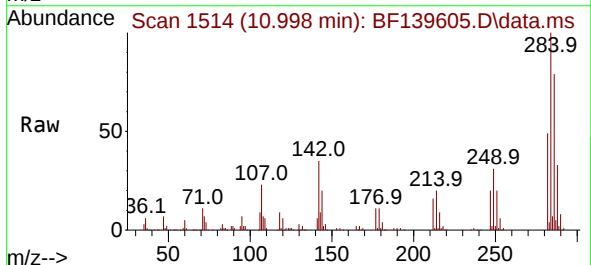
Tgt Ion:248 Resp: 186939
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 81.7 60.4 90.6

Manual Integrations
APPROVED

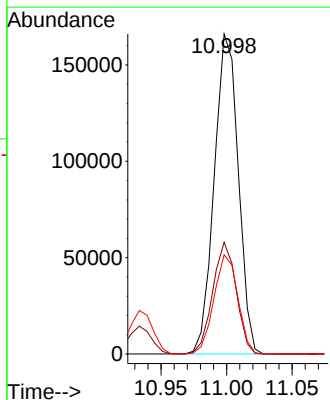
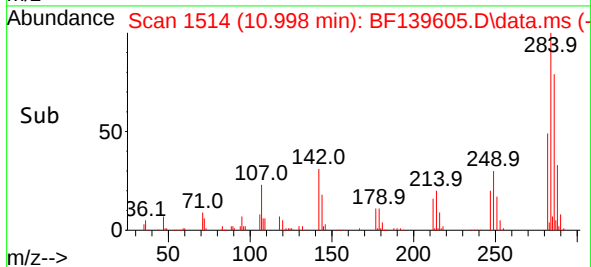
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

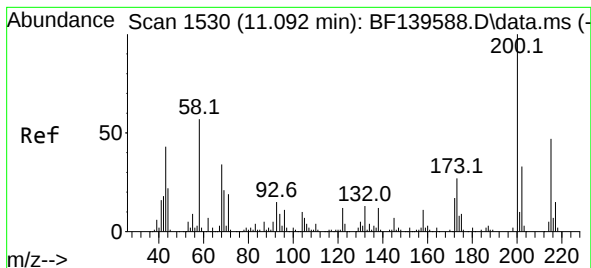


#68
Hexachlorobenzene
Concen: 45.804 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



Tgt Ion:284 Resp: 211246
Ion Ratio Lower Upper
284 100
142 34.9 26.9 40.3
249 31.0 25.4 38.0





#69

Atrazine

Concen: 58.588 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS

Tgt Ion:200 Resp: 187824

Ion Ratio Lower Upper

200 100

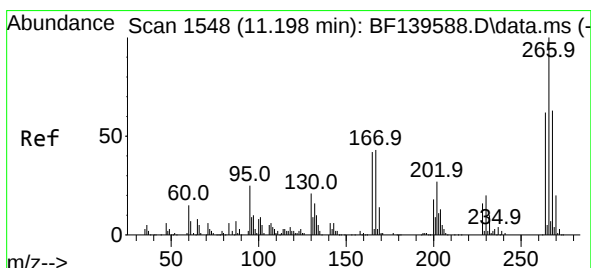
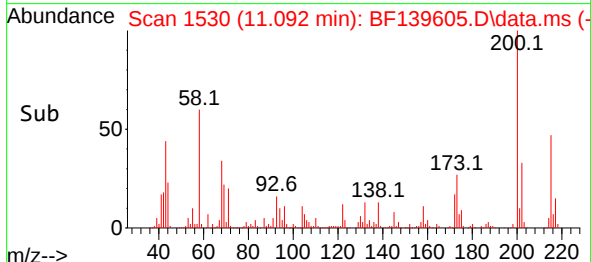
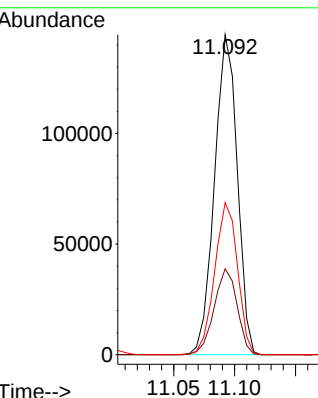
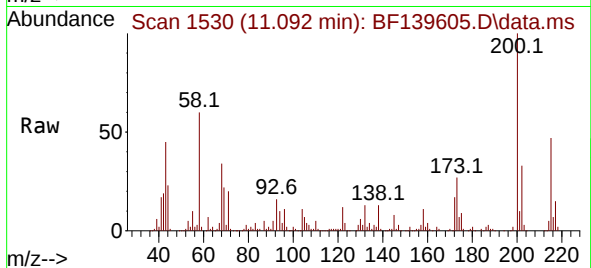
173 26.9 6.7 46.7

215 47.5 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#70

Pentachlorophenol

Concen: 83.101 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

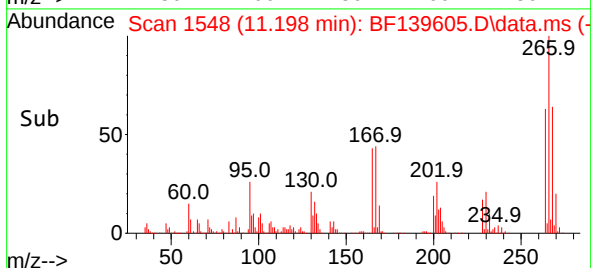
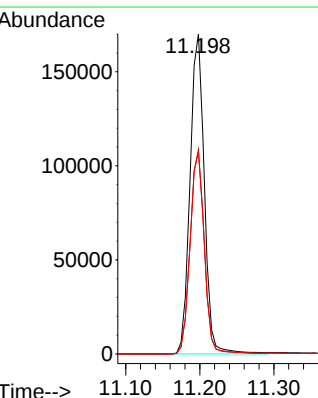
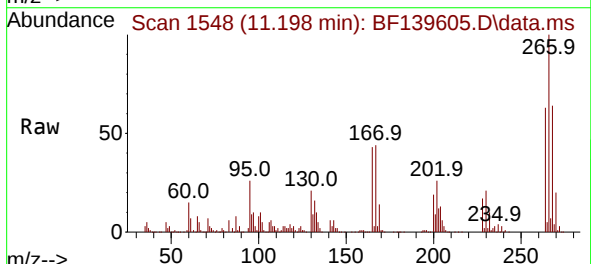
Tgt Ion:266 Resp: 228210

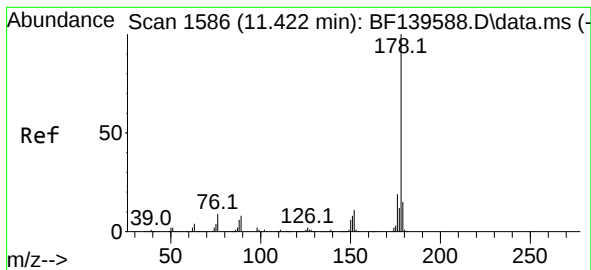
Ion Ratio Lower Upper

266 100

268 63.8 50.0 75.0

264 63.2 49.3 73.9





#71

Phenanthrene

Concen: 47.550 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS

Tgt Ion:178 Resp: 908830

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

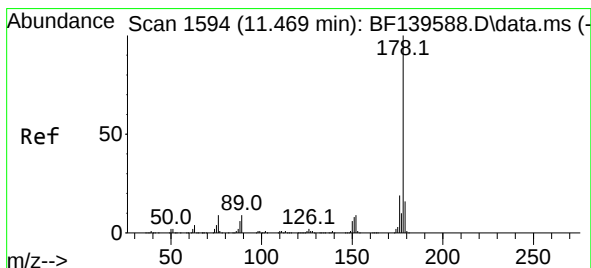
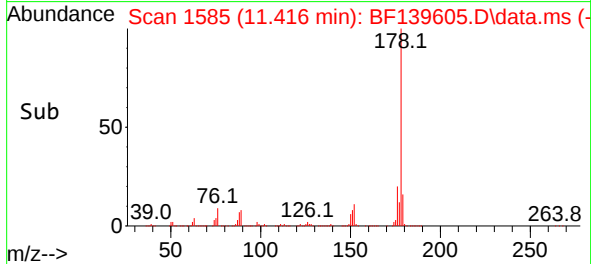
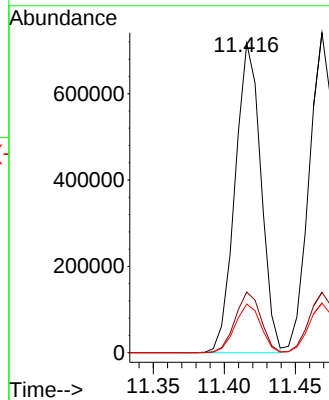
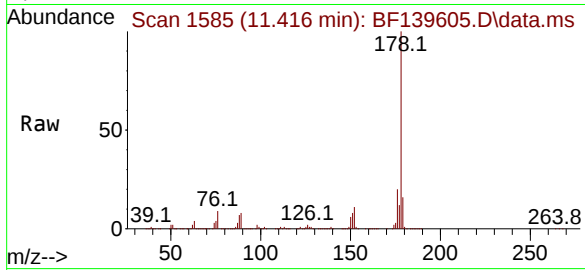
179 15.7 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024

Supervised By :mohammad ahmed 10/04/2024



#72

Anthracene

Concen: 49.109 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

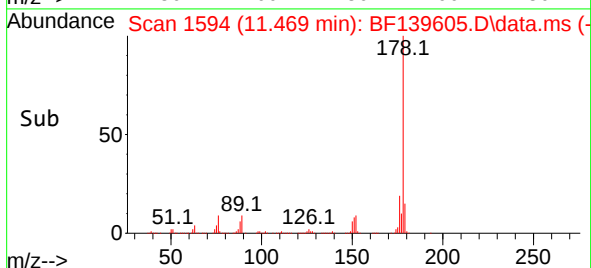
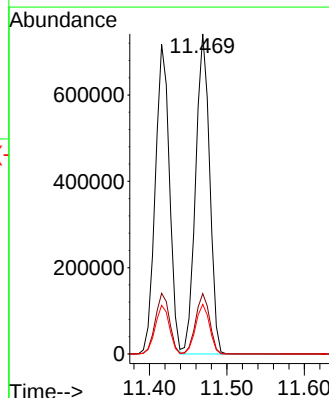
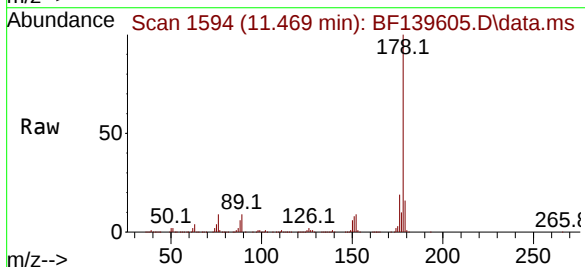
Tgt Ion:178 Resp: 928580

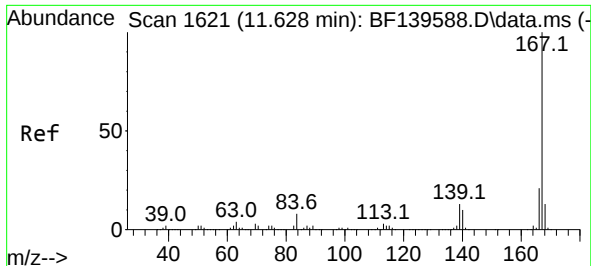
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

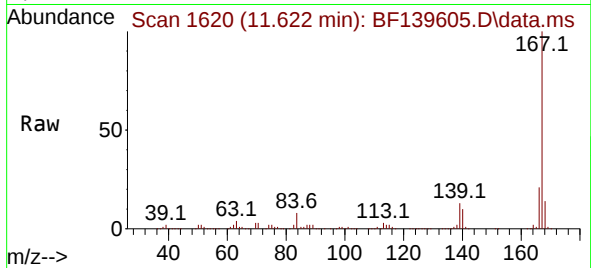
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 47.100 ng
 RT: 11.622 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF139605.D
 Acq: 02 Oct 2024 14:32

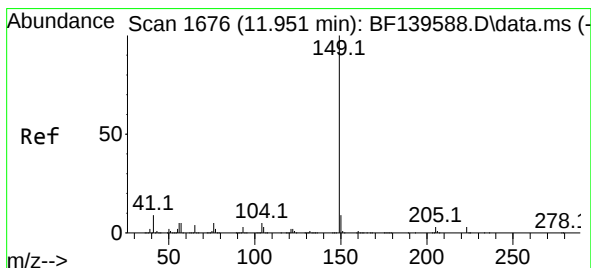
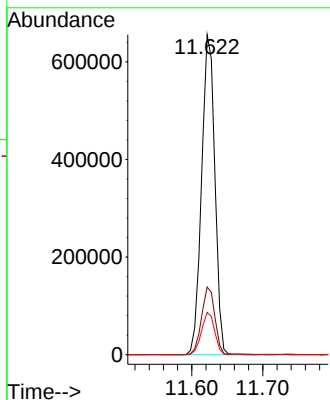
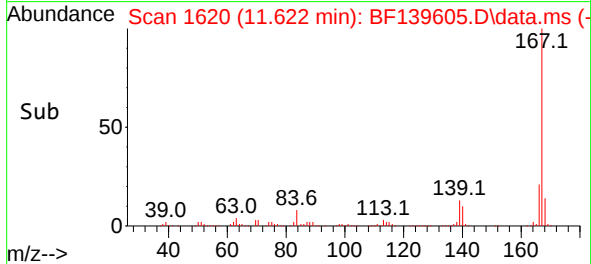
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTHMS



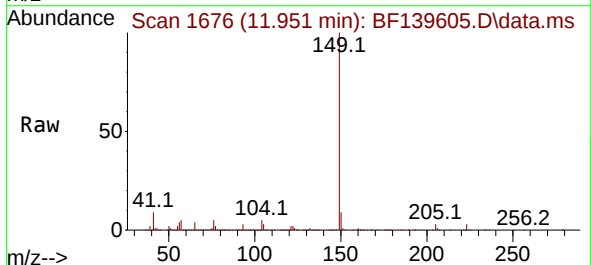
Tgt Ion:167 Resp: 85538
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.2 10.3 15.5

Manual Integrations
 APPROVED

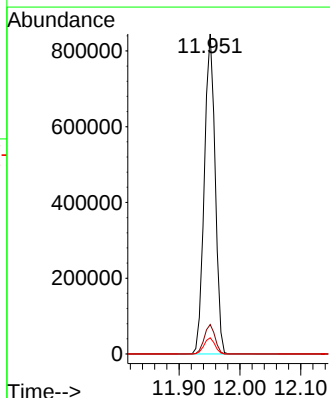
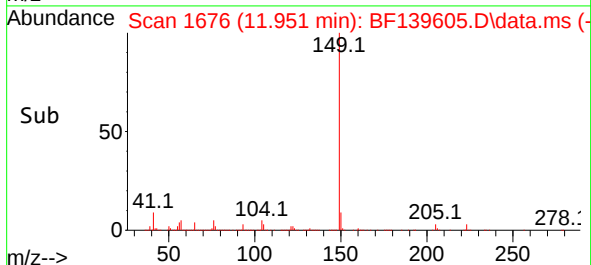
Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

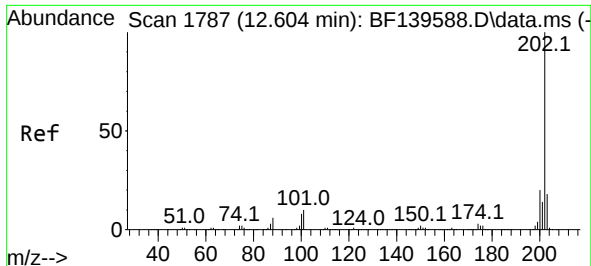


#74
 Di-n-butylphthalate
 Concen: 47.097 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139605.D
 Acq: 02 Oct 2024 14:32



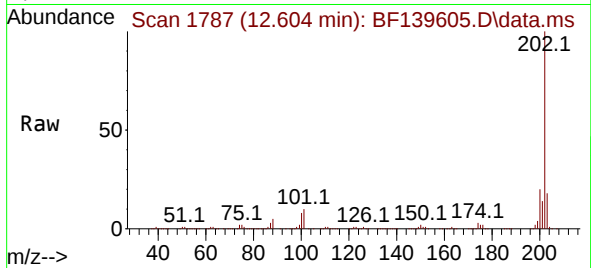
Tgt Ion:149 Resp: 1040112
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 44.970 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

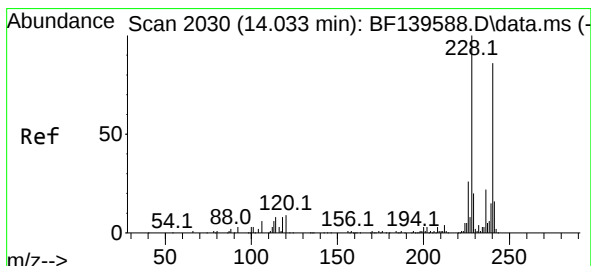
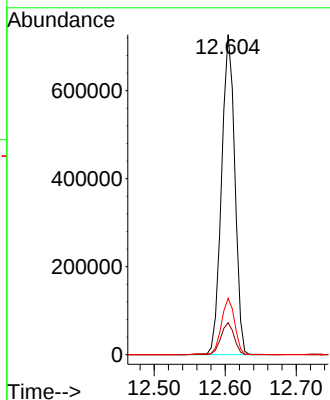
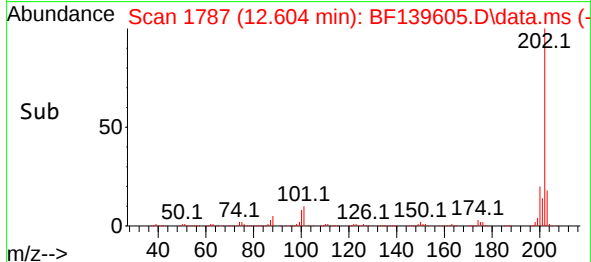
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



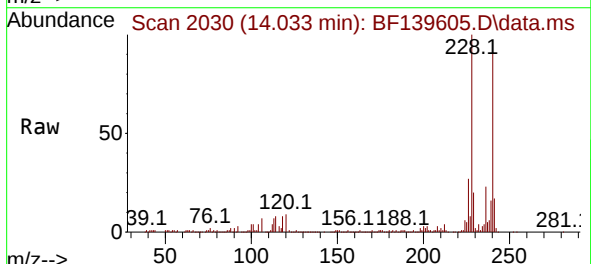
Tgt Ion:202 Resp: 939579
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.6 0.0 37.7

Manual Integrations
APPROVED

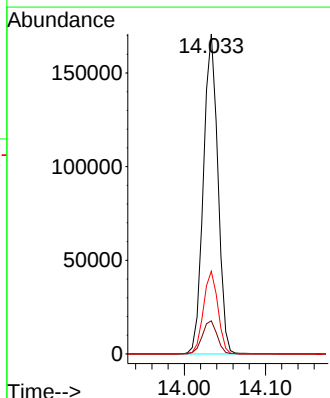
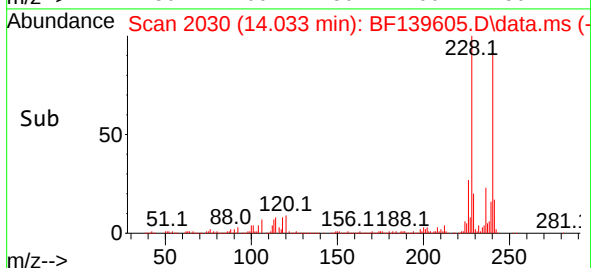
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

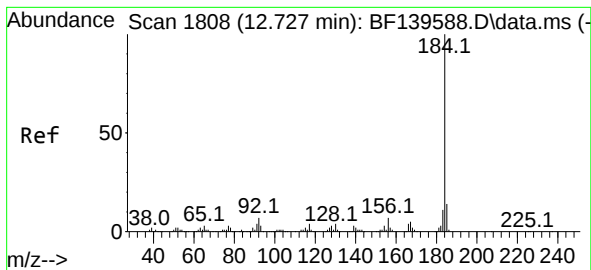


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



Tgt Ion:240 Resp: 210858
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.9 20.3 30.5





#77

Benzidine

Concen: 66.201 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS

Tgt Ion:184 Resp: 24622

Ion Ratio Lower Upper

184 100

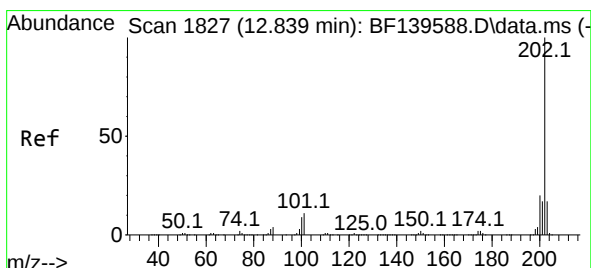
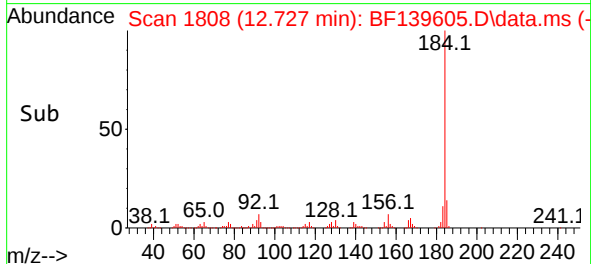
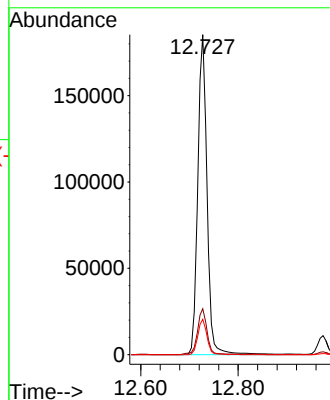
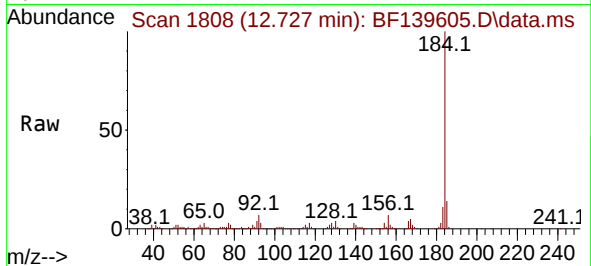
185 14.3 11.4 17.0

183 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#78

Pyrene

Concen: 49.878 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

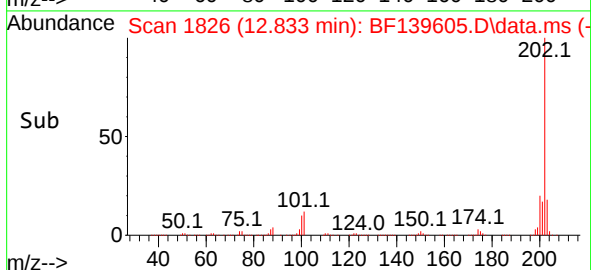
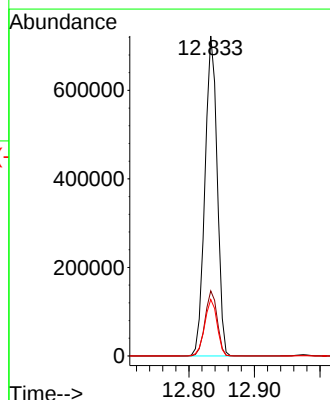
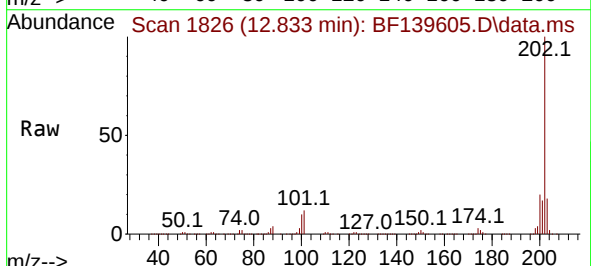
Tgt Ion:202 Resp: 940654

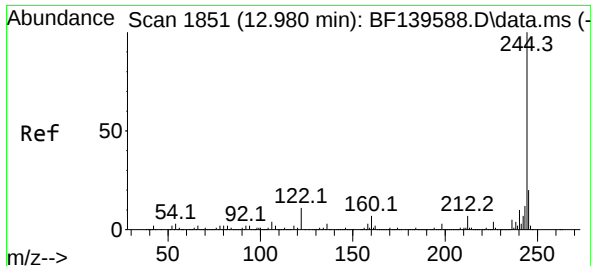
Ion Ratio Lower Upper

202 100

200 20.4 15.8 23.6

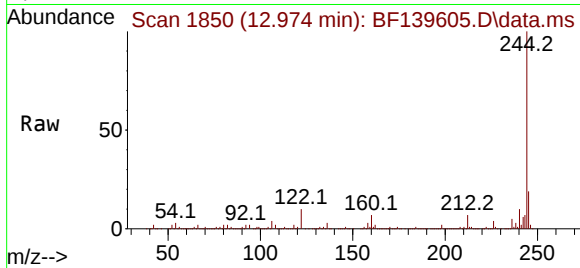
203 17.7 13.8 20.8





#79
 Terphenyl-d14
 Concen: 74.840 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139605.D
 Acq: 02 Oct 2024 14:32

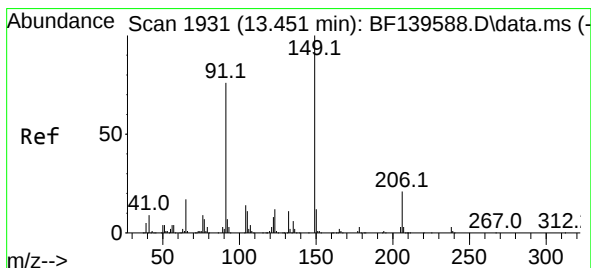
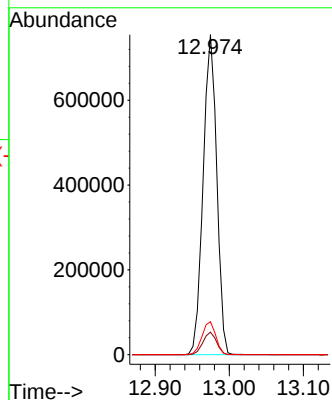
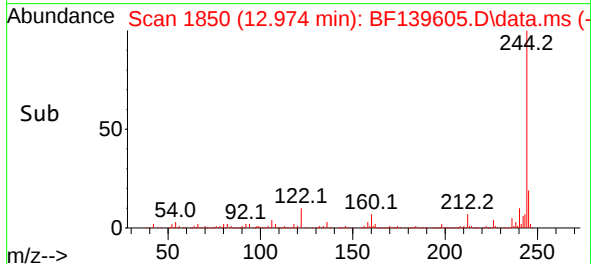
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTHMS



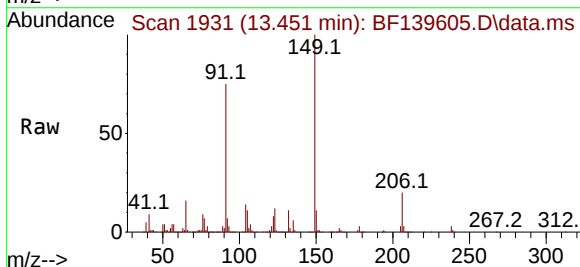
Tgt Ion:244 Resp: 961749
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.3 8.6 12.8

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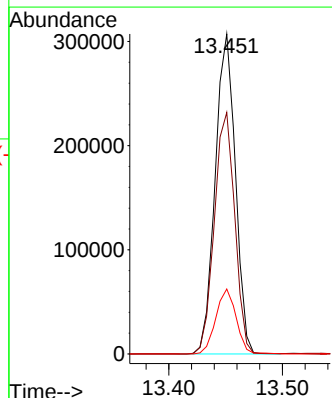
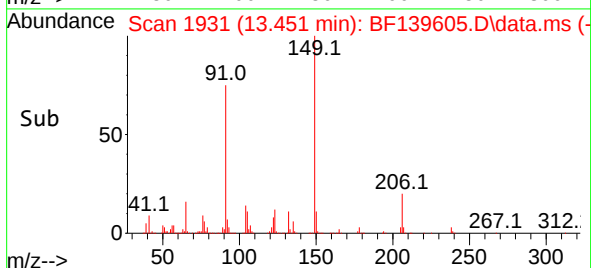
Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

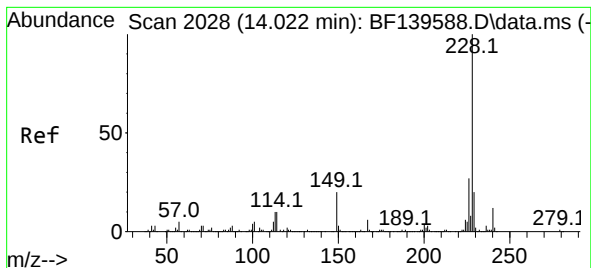


#80
 Butylbenzylphthalate
 Concen: 56.304 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139605.D
 Acq: 02 Oct 2024 14:32



Tgt Ion:149 Resp: 379809
 Ion Ratio Lower Upper
 149 100
 91 75.4 61.0 91.4
 206 20.3 16.6 24.8





#81

Benzo(a)anthracene

Concen: 47.477 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS

Tgt Ion:228 Resp: 658180

Ion Ratio Lower Upper

228 100

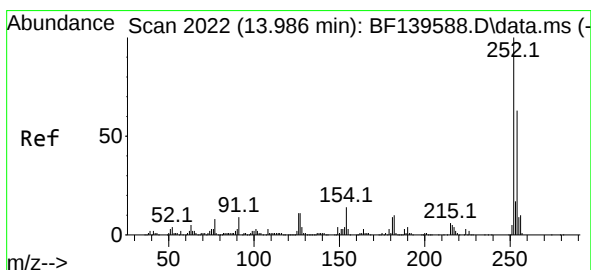
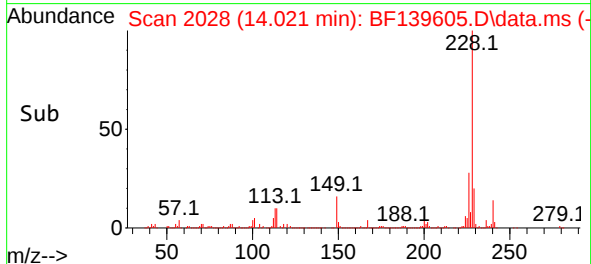
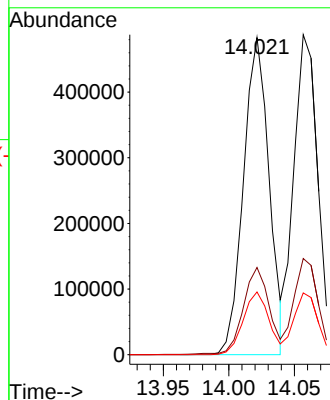
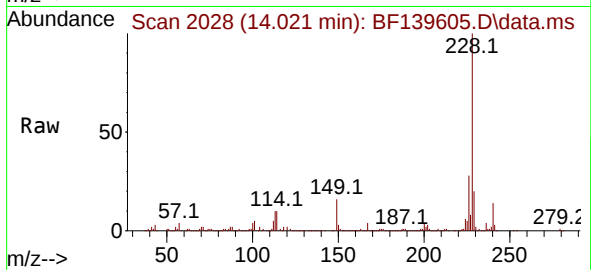
226 27.5 21.8 32.8

229 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.734 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

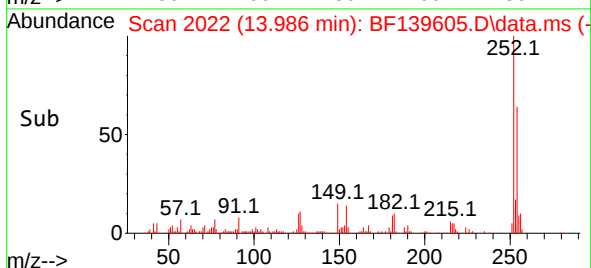
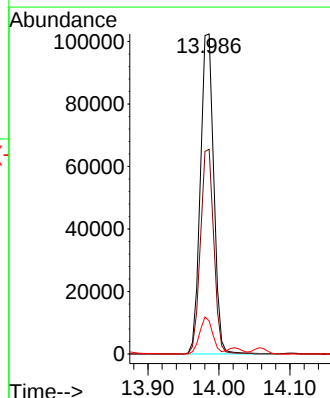
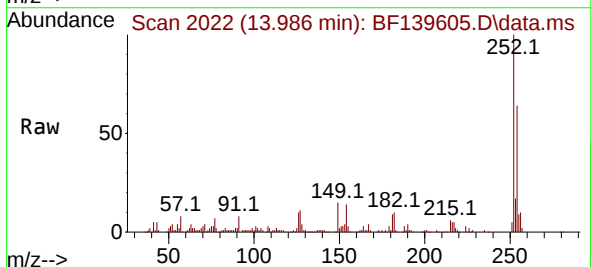
Tgt Ion:252 Resp: 134640

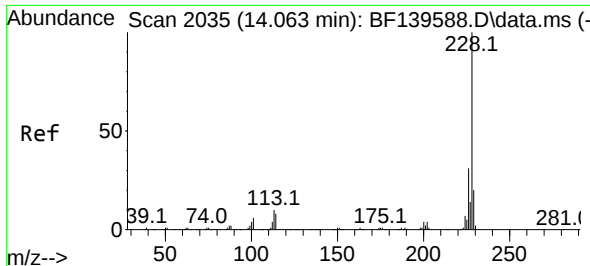
Ion Ratio Lower Upper

252 100

254 63.9 50.5 75.7

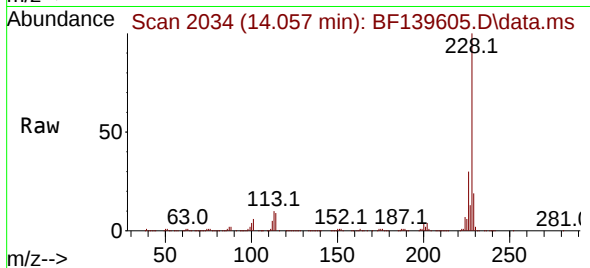
126 10.3 8.8 13.2





#83
Chrysene
Concen: 48.715 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

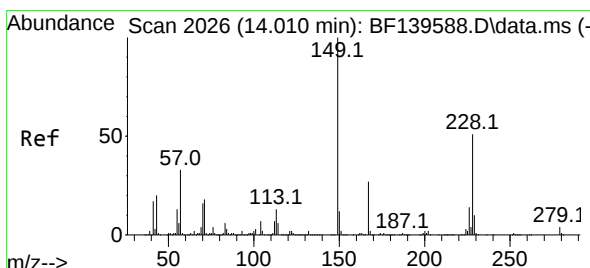
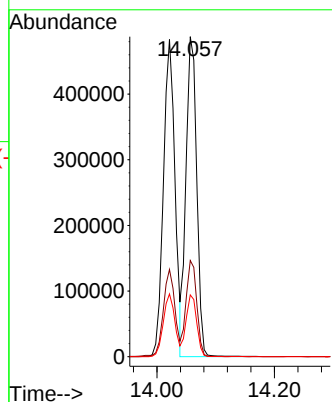
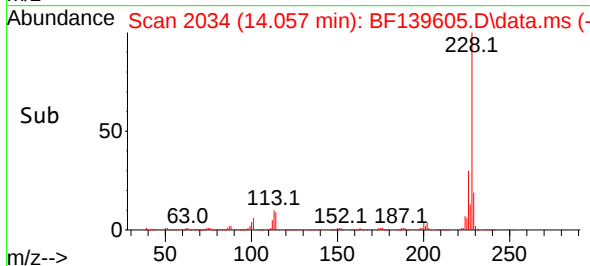
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



Tgt Ion:228 Resp: 617429
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.3 15.7 23.5

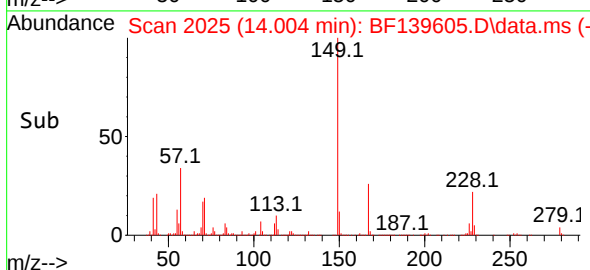
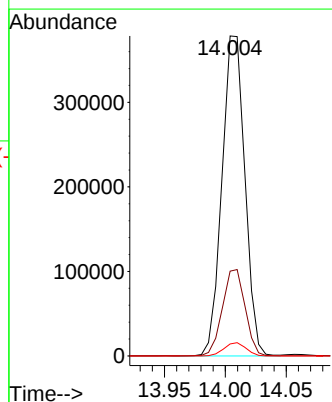
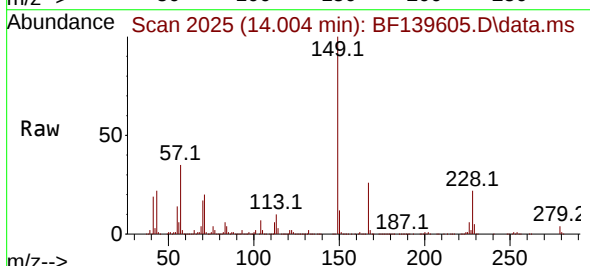
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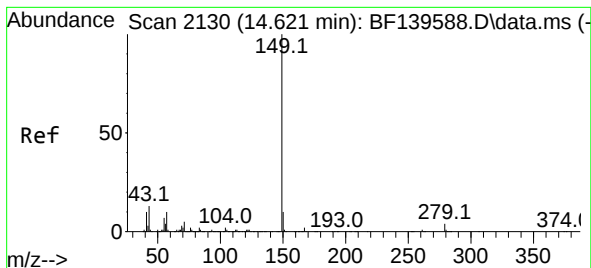
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.021 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

Tgt Ion:149 Resp: 497155
Ion Ratio Lower Upper
149 100
167 26.5 21.7 32.5
279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 59.273 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139605.D

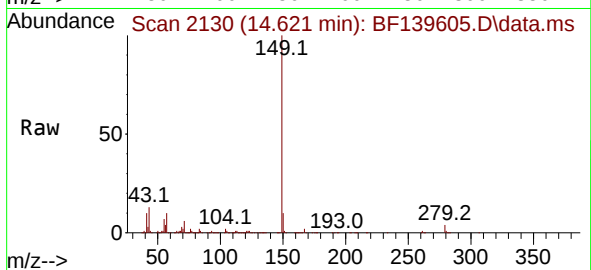
Acq: 02 Oct 2024 14:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMS



Tgt Ion:149 Resp: 733494

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

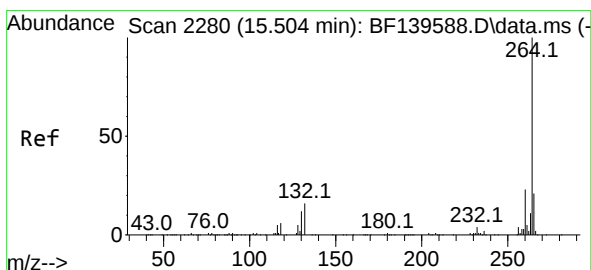
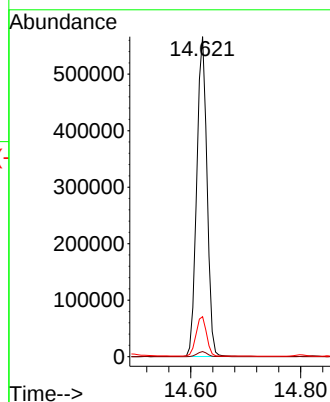
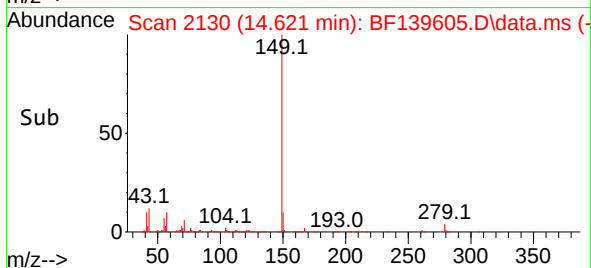
43 12.6 10.2 15.2

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APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024

Supervised By :mohammad ahmed 10/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139605.D

Acq: 02 Oct 2024 14:32

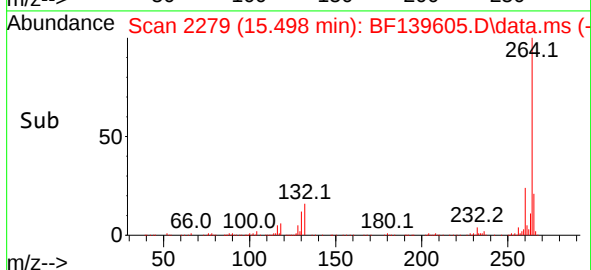
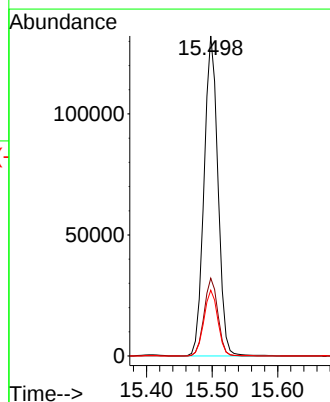
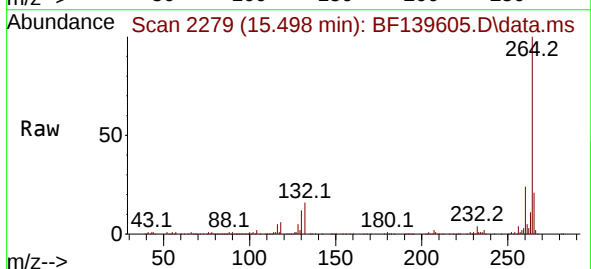
Tgt Ion:264 Resp: 195170

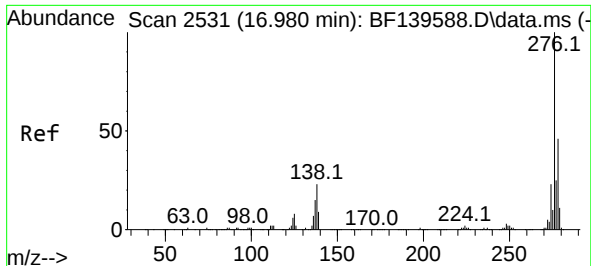
Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

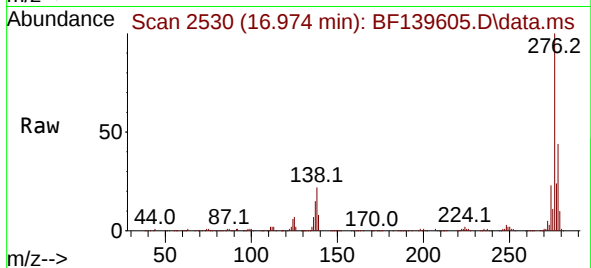
265 20.6 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.840 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

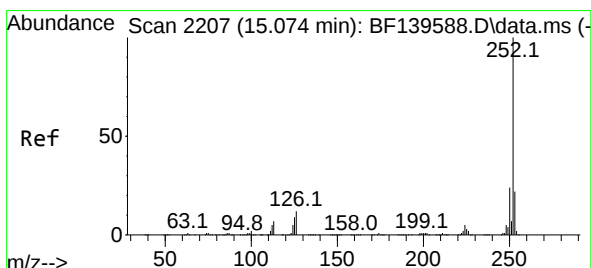
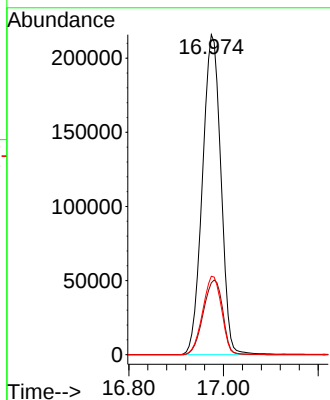
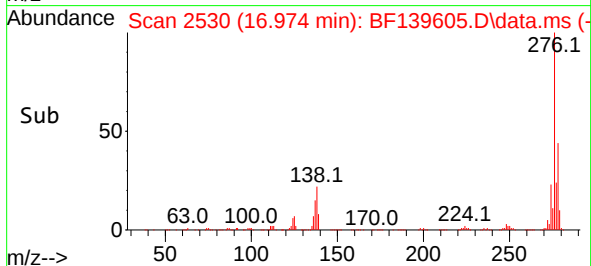
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



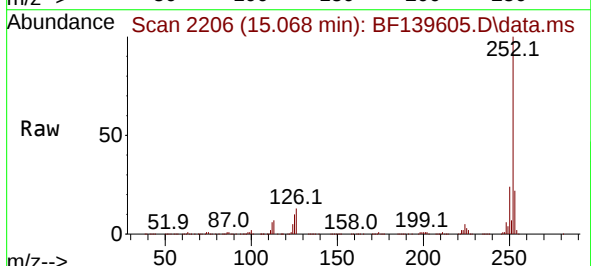
Tgt Ion:276 Resp: 58401
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 25.2 20.2 30.2

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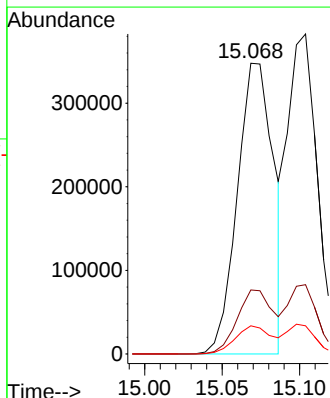
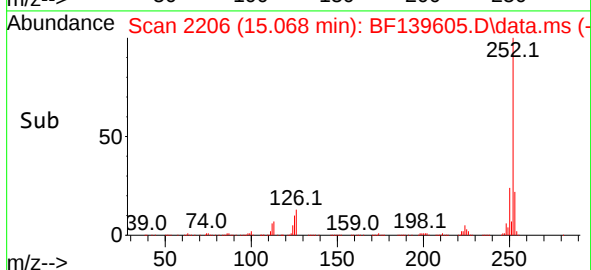
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

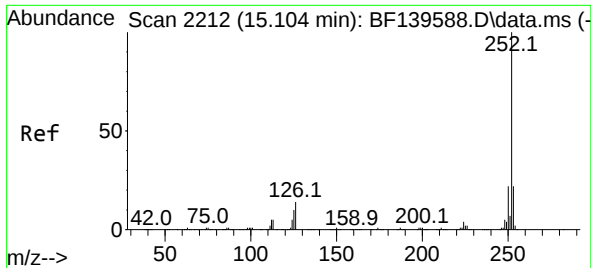


#88
Benzo(b)fluoranthene
Concen: 45.043 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



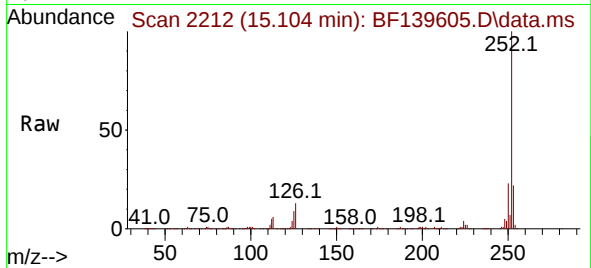
Tgt Ion:252 Resp: 568409
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.7 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 47.409 ng
RT: 15.104 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

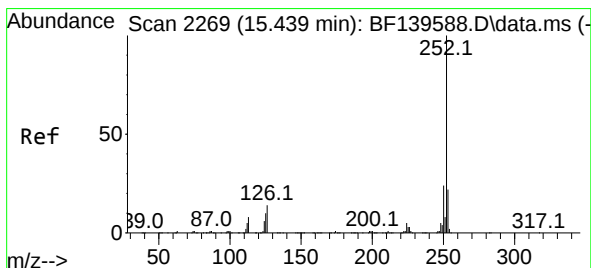
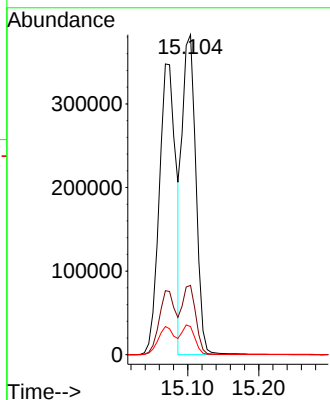
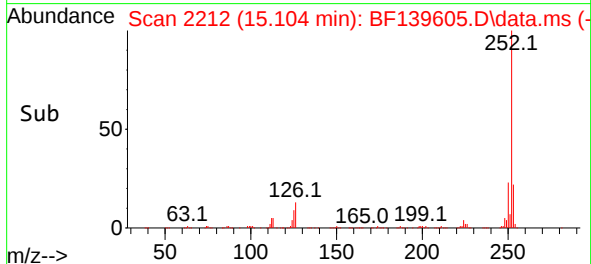
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



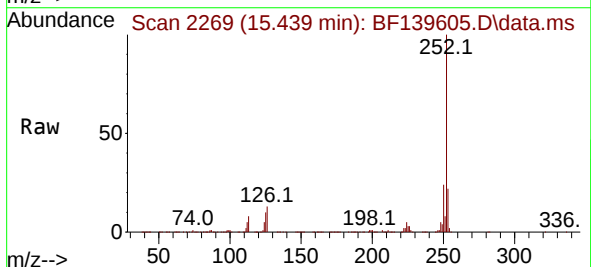
Tgt Ion:252 Resp: 507490
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.8 7.6 11.4

Manual Integrations
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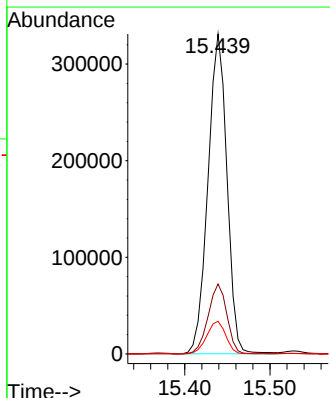
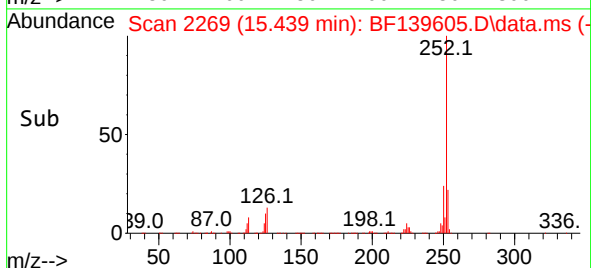
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

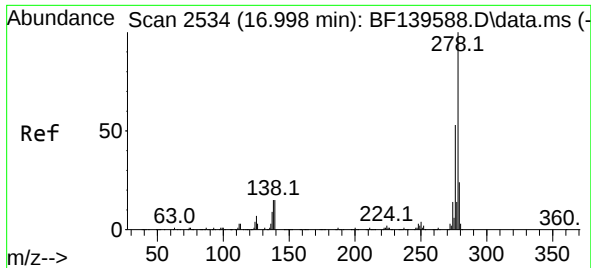


#90
Benzo(a)pyrene
Concen: 51.441 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



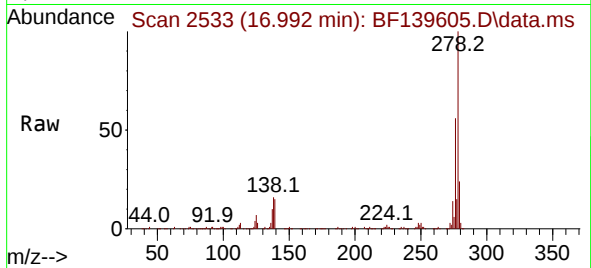
Tgt Ion:252 Resp: 511860
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 51.128 ng
RT: 16.992 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32

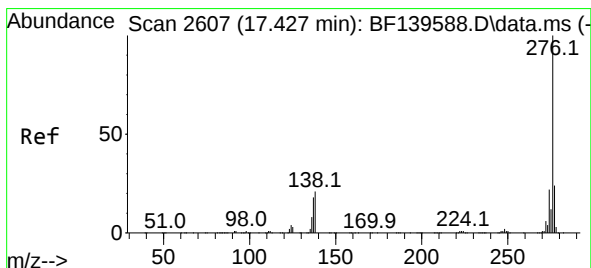
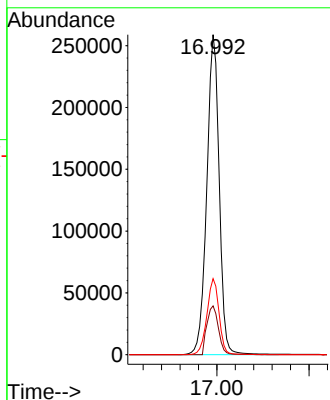
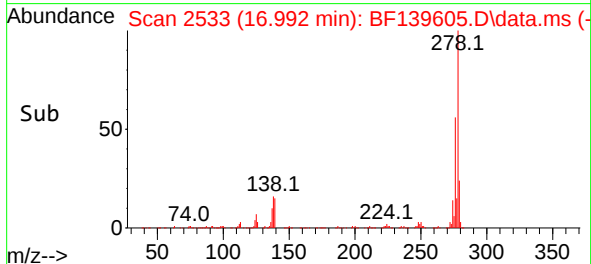
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMS



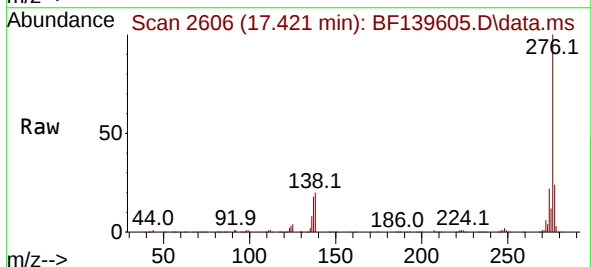
Tgt Ion:278 Resp: 487134
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.7 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#92
Benzo(g,h,i)perylene
Concen: 46.055 ng
RT: 17.421 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF139605.D
Acq: 02 Oct 2024 14:32



Tgt Ion:276 Resp: 440068
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 20.4 17.0 25.6

