

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139765.D
 Acq On : 11 Oct 2024 10:27
 Operator : RC/JU
 Sample : PB164005BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 12:15:49 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	108333	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	413150	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	230678	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	409405	20.000	ng	0.00
76) Chrysene-d12	14.033	240	207555	20.000	ng	0.00
86) Perylene-d12	15.504	264	195633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	770313	123.244	ng	0.01
7) Phenol-d6	6.504	99	1008414	119.973	ng	0.00
23) Nitrobenzene-d5	7.434	82	660354	80.924	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	255594	114.780	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1192044	79.332	ng	0.00
79) Terphenyl-d14	12.975	244	1174354	92.839	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	98727	36.535	ng	99
3) Pyridine	3.469	79	264365	40.226	ng	96
4) n-Nitrosodimethylamine	3.428	42	169753	39.460	ng	92
6) Aniline	6.528	93	331102	44.392	ng	# 66
8) 2-Chlorophenol	6.651	128	294999	44.053	ng	99
9) Benzaldehyde	6.416	77	83629	18.783	ng	97
10) Phenol	6.522	94	379729	42.964	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	290326	40.345	ng	100
12) 1,3-Dichlorobenzene	6.810	146	304569	40.430	ng	98
13) 1,4-Dichlorobenzene	6.887	146	306946	40.230	ng	99
14) 1,2-Dichlorobenzene	7.034	146	297309	41.577	ng	99
15) Benzyl Alcohol	7.010	79	275062	42.830	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	517238	41.519	ng	89
17) 2-Methylphenol	7.128	107	235211	42.074	ng	97
18) Hexachloroethane	7.375	117	113827	39.997	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	222106	41.101	ng	98
20) 3+4-Methylphenols	7.281	107	296512	42.227	ng	93
22) Acetophenone	7.275	105	403187	41.113	ng	96
24) Nitrobenzene	7.451	77	331033	39.176	ng	99
25) Isophorone	7.687	82	600173	41.410	ng	99
26) 2-Nitrophenol	7.769	139	158491	43.631	ng	96
27) 2,4-Dimethylphenol	7.804	122	231770m	52.119	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	356405	41.181	ng	100
29) 2,4-Dichlorophenol	8.010	162	247170	42.613	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	259651	39.583	ng	99
31) Naphthalene	8.169	128	868178	41.099	ng	99
32) Benzoic acid	7.940	122	174458	39.454	ng	98
33) 4-Chloroaniline	8.222	127	141357	19.769	ng	98
34) Hexachlorobutadiene	8.287	225	165048	38.880	ng	100
35) Caprolactam	8.598	113	79146m	41.602	ng	
36) 4-Chloro-3-methylphenol	8.710	107	268179	40.843	ng	98
37) 2-Methylnaphthalene	8.863	142	564632	41.041	ng	100
38) 1-Methylnaphthalene	8.963	142	522961	38.888	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	267069	41.693	ng	99
41) Hexachlorocyclopentadiene	9.010	237	269724	137.325	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	177545	41.115	ng	98

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 QLast Update : Wed Oct 02 04:58:47 2024
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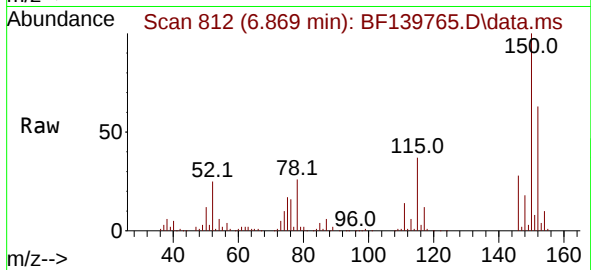
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	186804	40.114	ng	99
46) 1,1'-Biphenyl	9.328	154	697154	40.634	ng	100
47) 2-Chloronaphthalene	9.351	162	525438	40.851	ng	99
48) 2-Nitroaniline	9.451	65	184913	40.049	ng	94
49) Acenaphthylene	9.769	152	857034	43.814	ng	100
50) Dimethylphthalate	9.628	163	626782	41.508	ng	100
51) 2,6-Dinitrotoluene	9.692	165	135515	39.727	ng	94
52) Acenaphthene	9.939	154	599530m	44.647	ng	
53) 3-Nitroaniline	9.863	138	93386	26.790	ng	97
54) 2,4-Dinitrophenol	9.975	184	140906	76.800	ng	94
55) Dibenzofuran	10.110	168	775153	41.228	ng	100
56) 4-Nitrophenol	10.034	139	197402	74.259	ng	93
57) 2,4-Dinitrotoluene	10.098	165	176126	39.501	ng	98
58) Fluorene	10.457	166	606180	40.479	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	158073	42.027	ng	96
60) Diethylphthalate	10.328	149	619029	39.689	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	296230	39.540	ng	97
62) 4-Nitroaniline	10.481	138	138457	38.831	ng	96
63) Azobenzene	10.604	77	632320	40.313	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	99628	43.087	ng	91
66) n-Nitrosodiphenylamine	10.569	169	524896	43.496	ng	100
67) 4-Bromophenyl-phenylether	10.934	248	178698	42.571	ng	99
68) Hexachlorobenzene	10.998	284	197607	42.424	ng	98
69) Atrazine	11.092	200	166449	51.408	ng	98
70) Pentachlorophenol	11.198	266	203757	73.464	ng	99
71) Phenanthrene	11.416	178	833837	43.196	ng	100
72) Anthracene	11.469	178	854004	44.719	ng	99
73) Carbazole	11.628	167	757325	41.289	ng	99
74) Di-n-butylphthalate	11.951	149	912083	40.892	ng	99
75) Fluoranthene	12.604	202	841345	39.871	ng	99
77) Benzidine	12.727	184	259660	70.926	ng	100
78) Pyrene	12.833	202	855781	46.100	ng	99
80) Butylbenzylphthalate	13.451	149	302321	45.530	ng	96
81) Benzo(a)anthracene	14.022	228	599847	43.958	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	133398	31.942	ng	98
83) Chrysene	14.057	228	552820	44.311	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	390389	47.084	ng	100
85) Di-n-octyl phthalate	14.616	149	588284	48.295	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	585416	50.841	ng	99
88) Benzo(b)fluoranthene	15.074	252	482806	38.169	ng	99
89) Benzo(k)fluoranthene	15.104	252	477582	44.509	ng	99
90) Benzo(a)pyrene	15.439	252	458942	46.014	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	476821	49.927	ng	99
92) Benzo(g,h,i)perylene	17.433	276	454761	47.480	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

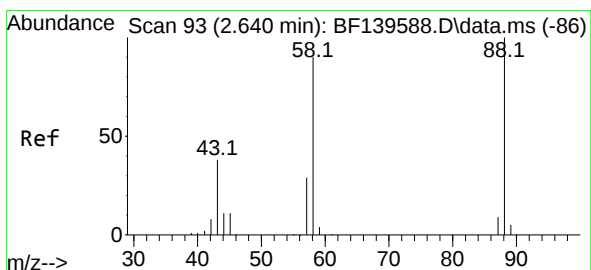
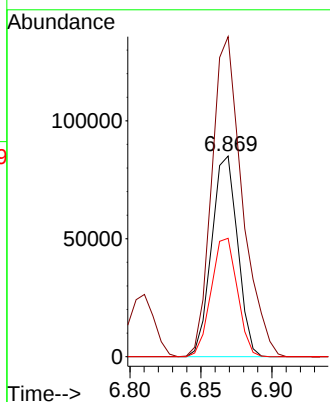
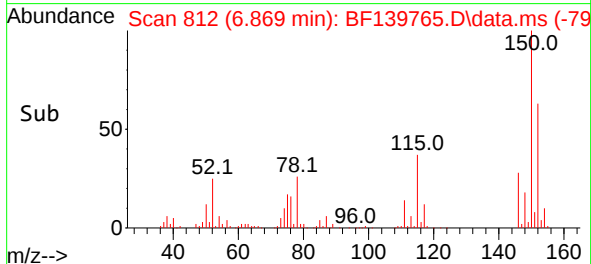
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:152 Resp: 10833
Ion Ratio Lower Upper
152 100
150 159.5 127.2 190.8
115 59.0 49.0 73.4

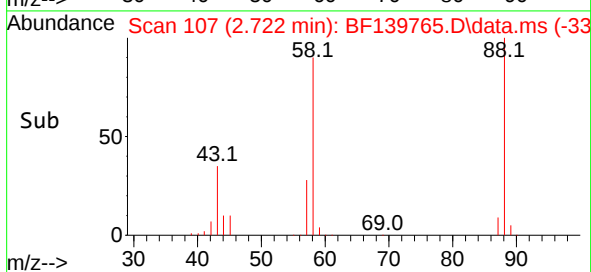
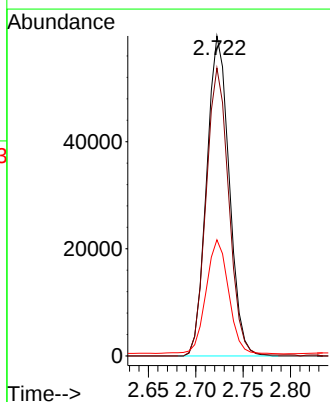
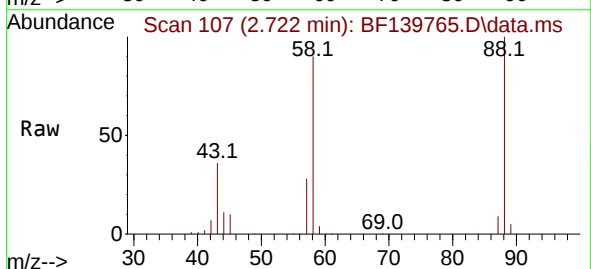
Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#2
1,4-Dioxane
Concen: 36.535 ng
RT: 2.722 min Scan# 107
Delta R.T. 0.082 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion: 88 Resp: 98727
Ion Ratio Lower Upper
88 100
58 90.3 72.0 108.0
43 36.0 30.8 46.2





#3

Pyridine

Concen: 40.226 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Tgt Ion: 79 Resp: 26436

Ion Ratio Lower Upper

79 100

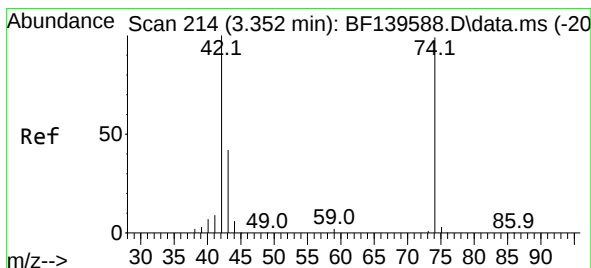
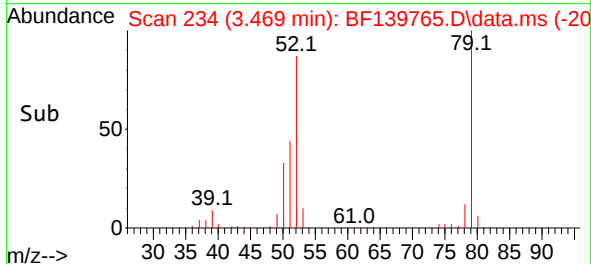
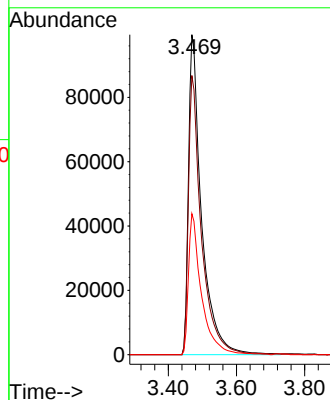
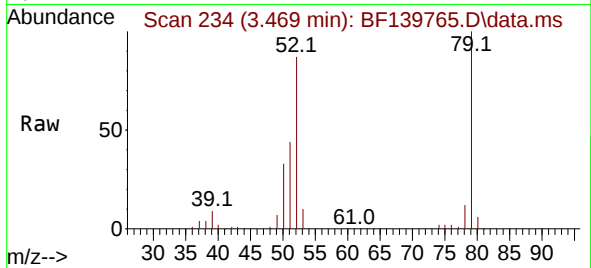
52 87.3 72.6 109.0

51 44.1 37.5 56.3

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#4

n-Nitrosodimethylamine

Concen: 39.460 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.077 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

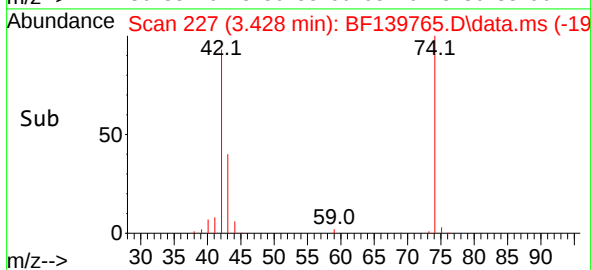
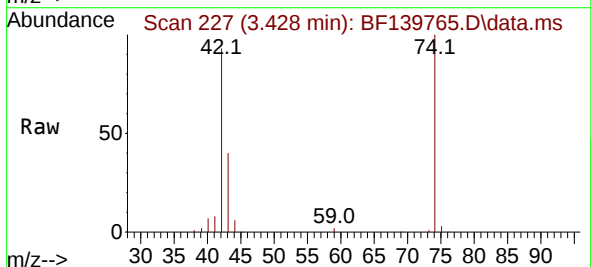
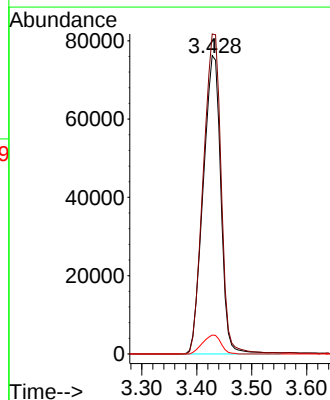
Tgt Ion: 42 Resp: 169753

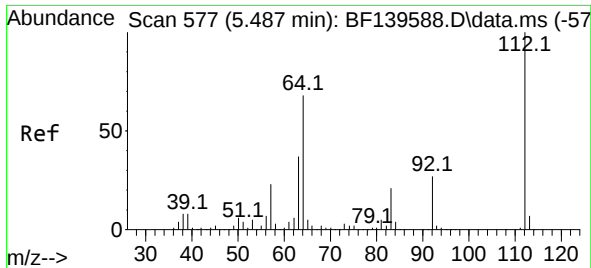
Ion Ratio Lower Upper

42 100

74 107.2 79.0 118.6

44 6.3 5.2 7.8





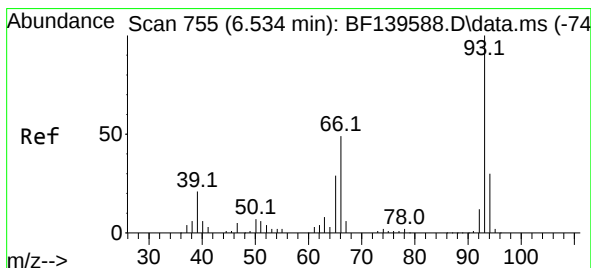
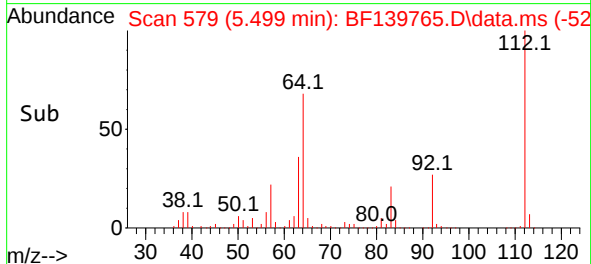
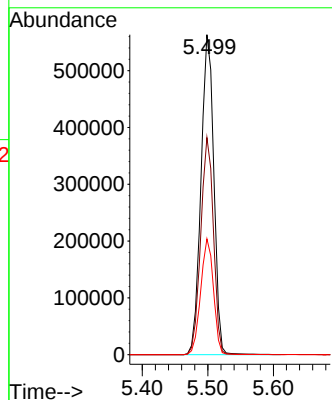
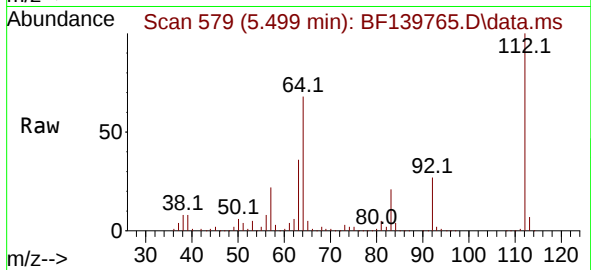
#5
2-Fluorophenol
Concen: 123.244 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:112 Resp: 77031
Ion Ratio Lower Upper
112 100
64 67.8 54.2 81.4
63 36.2 29.4 44.2

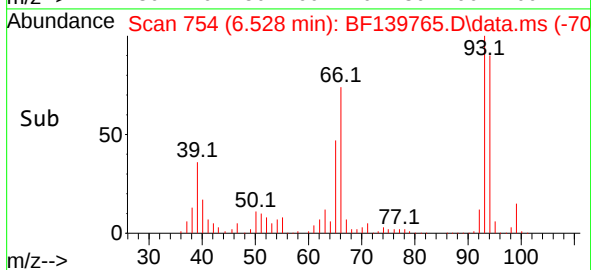
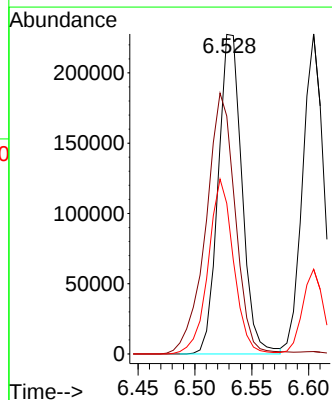
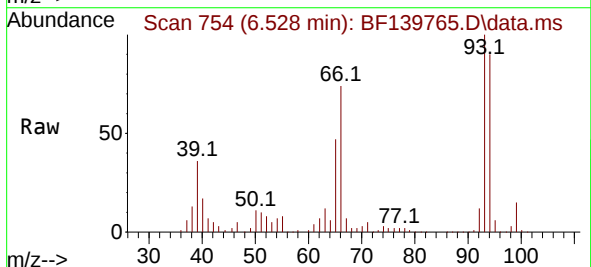
Manual Integrations
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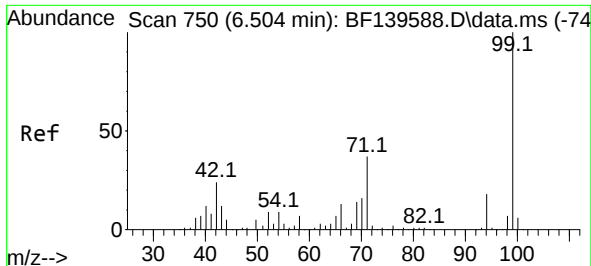
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#6
Aniline
Concen: 44.392 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

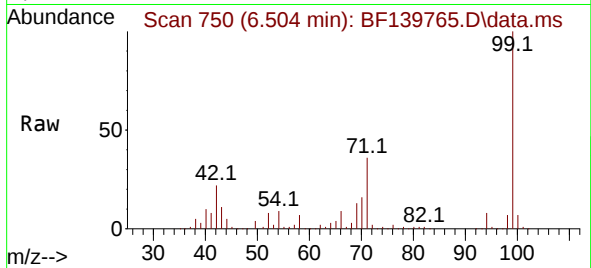
Tgt Ion: 93 Resp: 331102
Ion Ratio Lower Upper
93 100
66 74.5 40.9 61.3#
65 47.1 23.3 34.9#





#7
Phenol-d6
Concen: 119.973 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

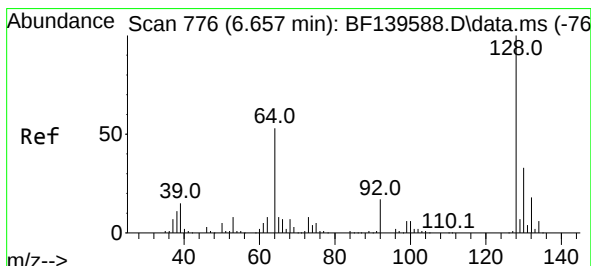
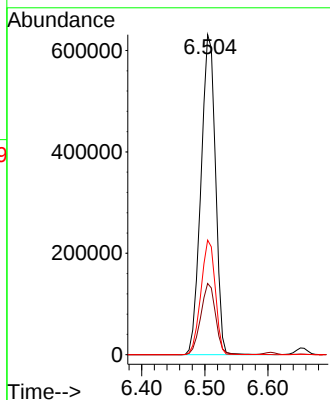
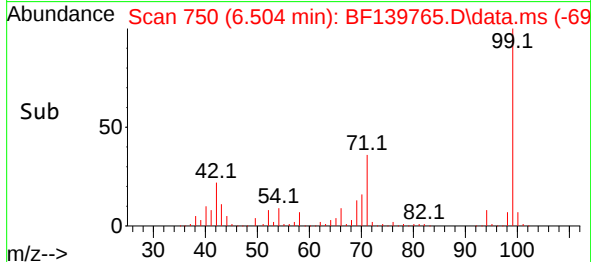
Instrument :
BNA_F
ClientSampleId :
PB164005BS



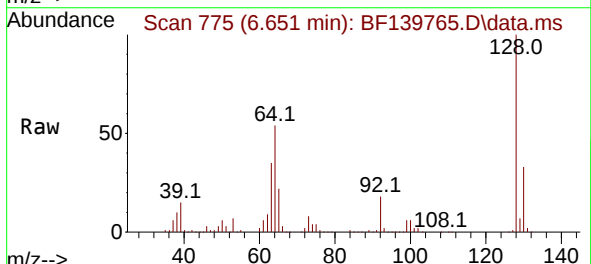
Tgt Ion: 99 Resp: 1008414
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 35.8 29.7 44.5

Manual Integrations
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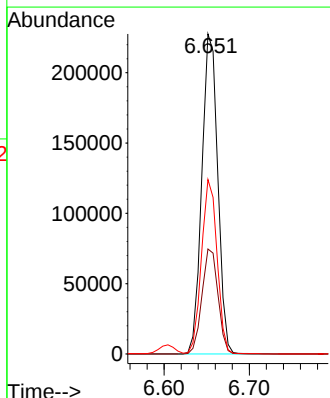
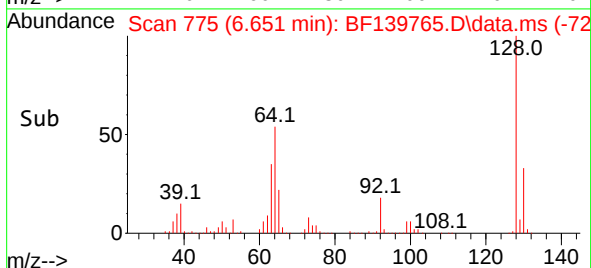
Reviewed By :Jagrut Upadhyay 10/14/2024
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#8
2-Chlorophenol
Concen: 44.053 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion:128 Resp: 294999
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 54.5 35.1 75.1





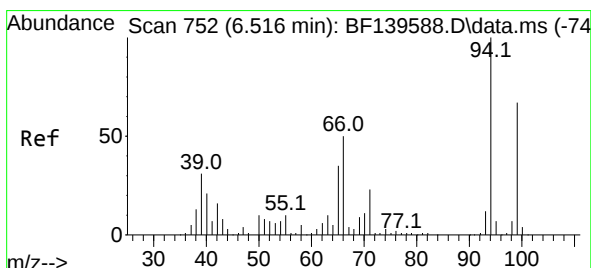
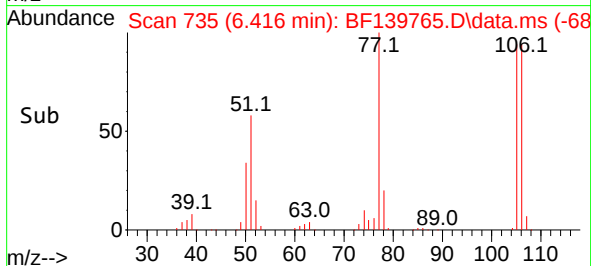
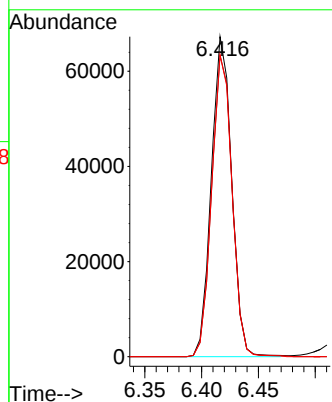
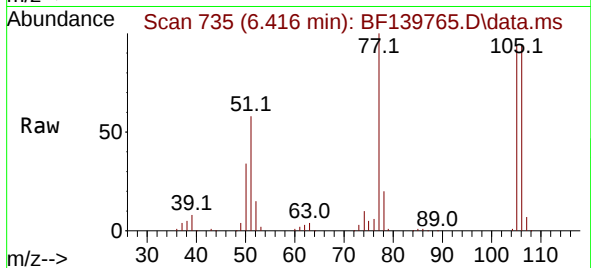
#9
Benzaldehyde
Concen: 18.783 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion: 77 Resp: 83629
Ion Ratio Lower Upper
77 100
105 94.2 72.7 112.7
106 94.3 70.1 110.1

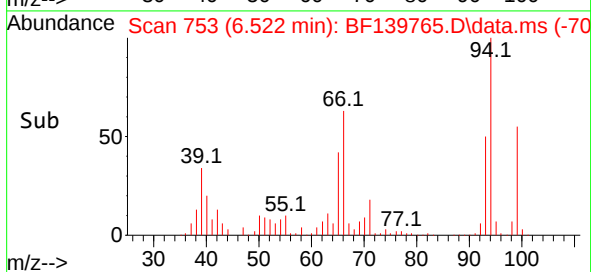
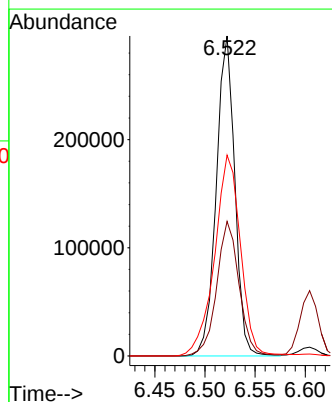
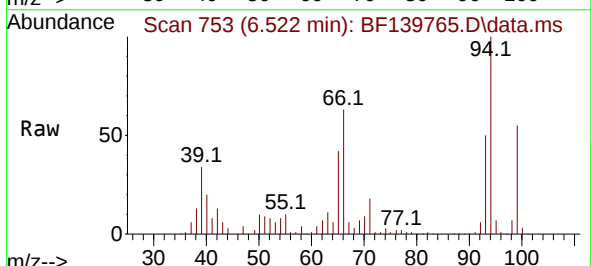
Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#10
Phenol
Concen: 42.964 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion: 94 Resp: 379729
Ion Ratio Lower Upper
94 100
65 42.1 15.3 55.3
66 62.7 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 40.345 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

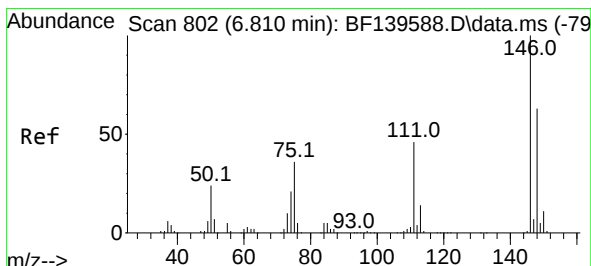
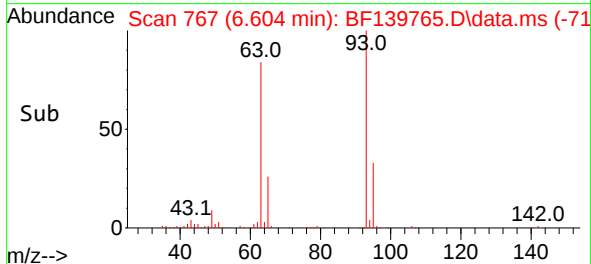
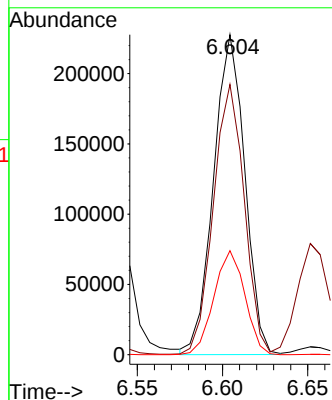
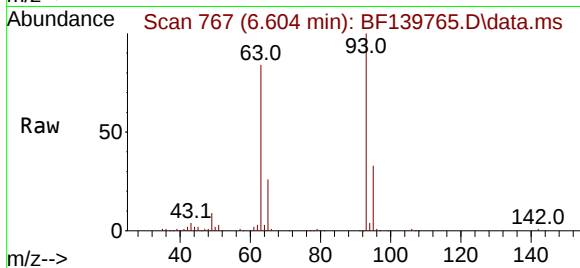
PB164005BS

Tgt Ion: 93 Resp: 290320
Ion Ratio Lower Upper
93 100
63 84.4 64.1 104.1
95 32.5 12.3 52.3

Manual Integrations

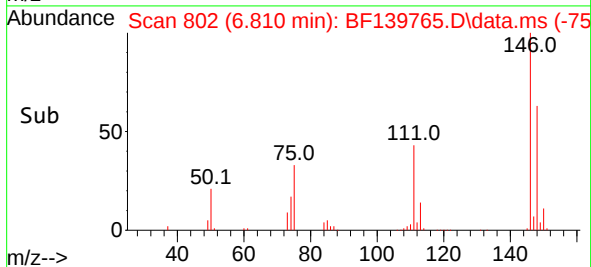
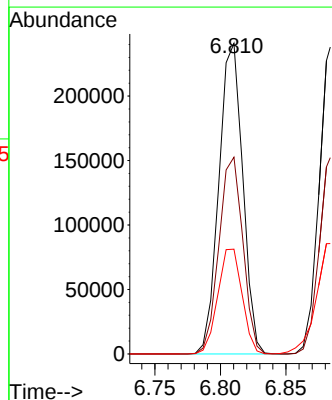
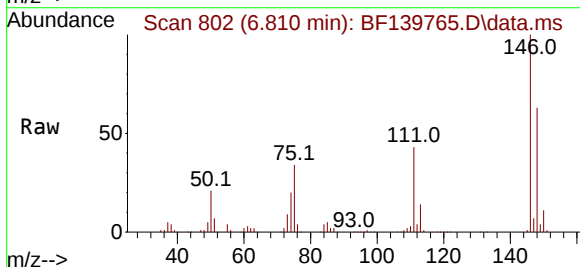
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#12
1,3-Dichlorobenzene
Concen: 40.430 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

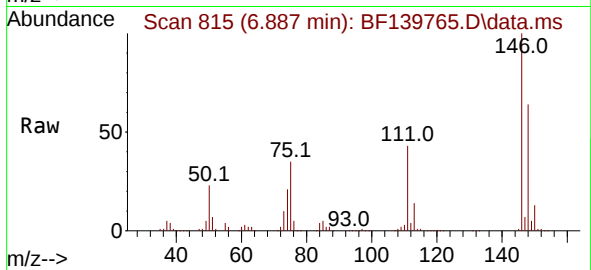
Tgt Ion:146 Resp: 304569
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.4
75 33.7 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 40.230 ng
RT: 6.887 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

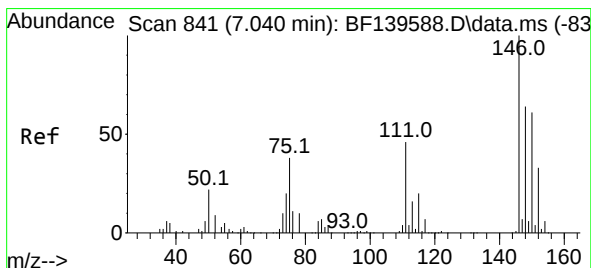
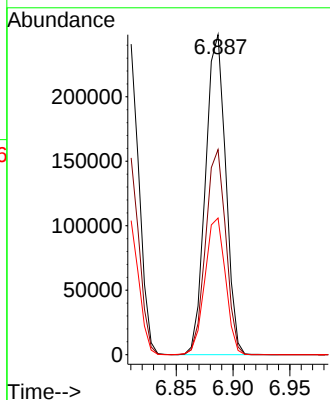
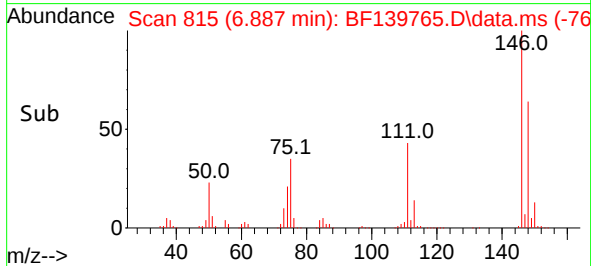
Instrument :
BNA_F
ClientSampleId :
PB164005BS



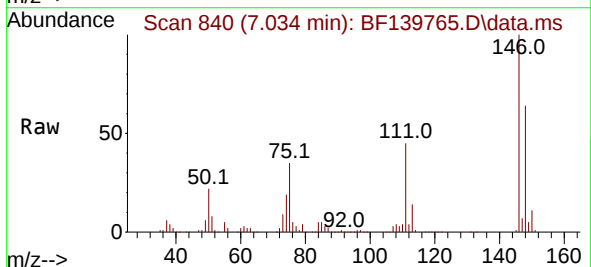
Tgt Ion:146 Resp: 306940
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 42.7 34.9 52.3

Manual Integrations
APPROVED

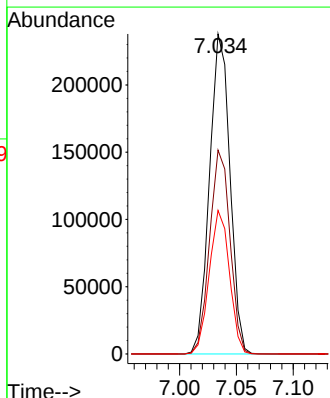
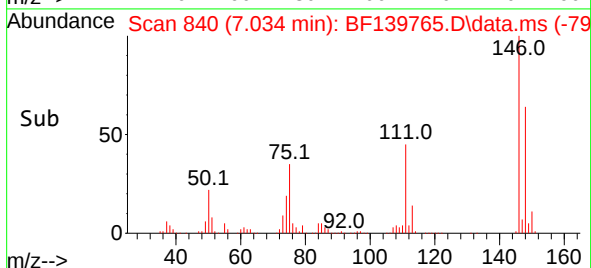
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#14
1,2-Dichlorobenzene
Concen: 41.577 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



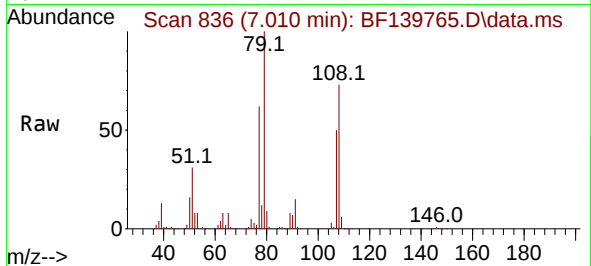
Tgt Ion:146 Resp: 297309
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 44.8 37.0 55.6





#15
Benzyl Alcohol
Concen: 42.830 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

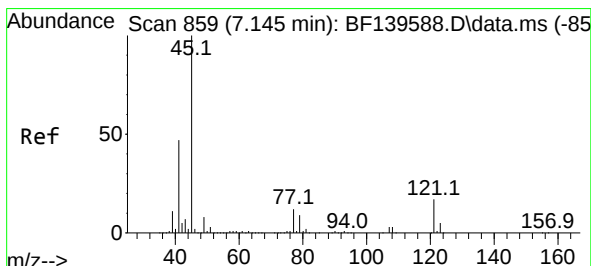
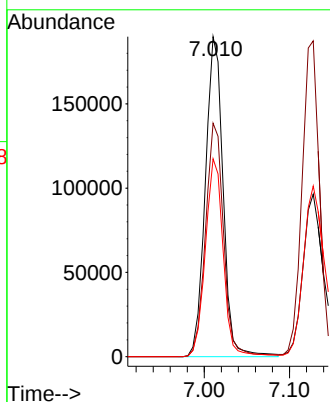
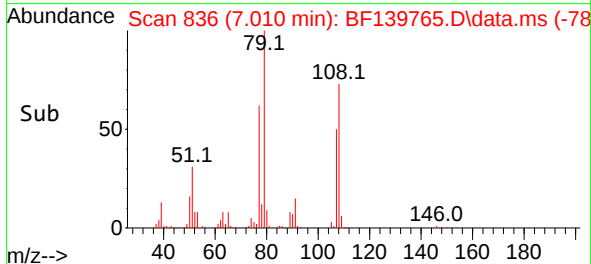
Instrument :
BNA_F
ClientSampleId :
PB164005BS



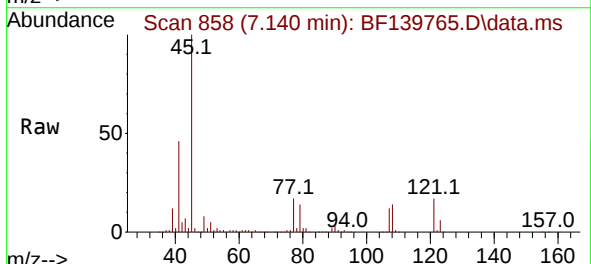
Tgt Ion: 79 Resp: 275062
Ion Ratio Lower Upper
79 100
108 72.9 55.1 82.7
77 61.9 50.8 76.2

Manual Integrations
APPROVED

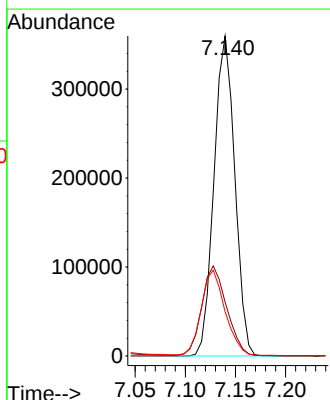
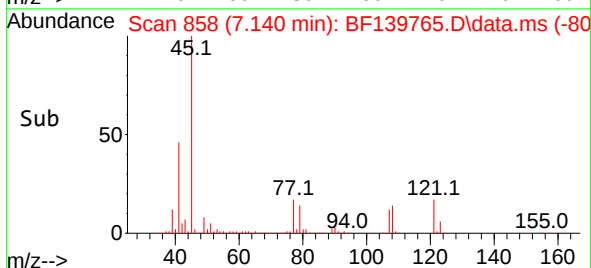
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

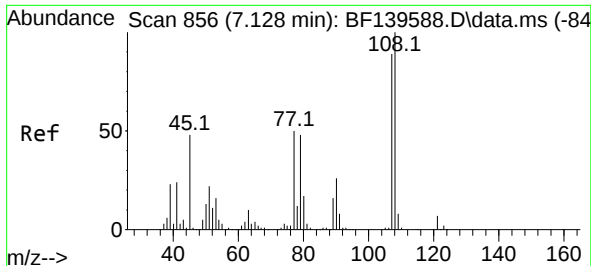


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.519 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion: 45 Resp: 517238
Ion Ratio Lower Upper
45 100
77 16.9 0.0 32.5
79 13.9 0.0 29.7





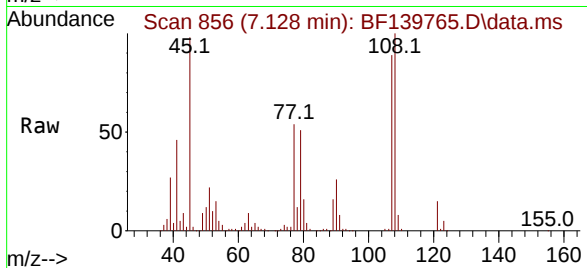
#17
2-Methylphenol
Concen: 42.074 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

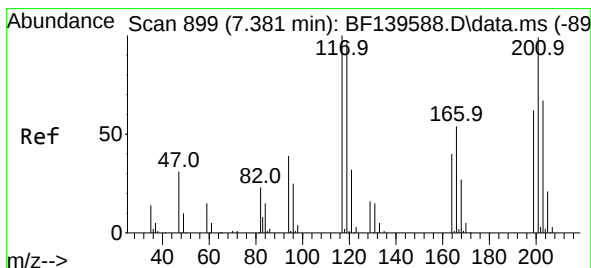
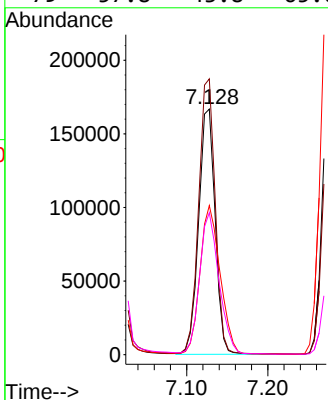
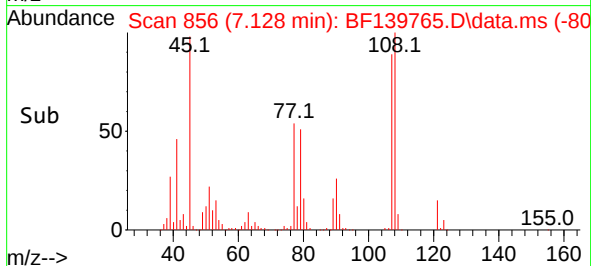


Tgt Ion:107 Resp: 23521
Ion Ratio Lower Upper
107 100
108 112.3 89.8 134.6
77 60.7 44.6 67.0
79 57.8 43.8 65.6

Manual Integrations

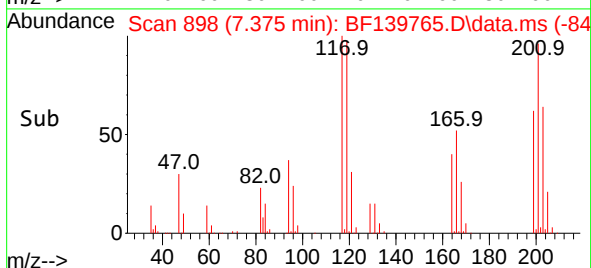
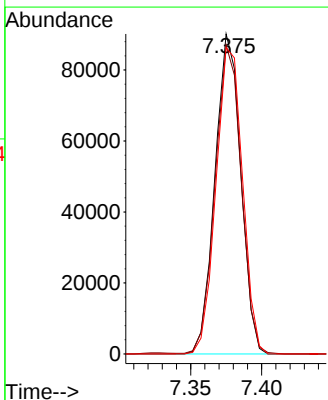
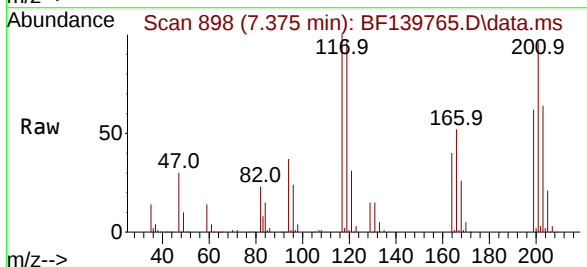
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#18
Hexachloroethane
Concen: 39.997 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:117 Resp: 113827
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6
201 95.8 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.101 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

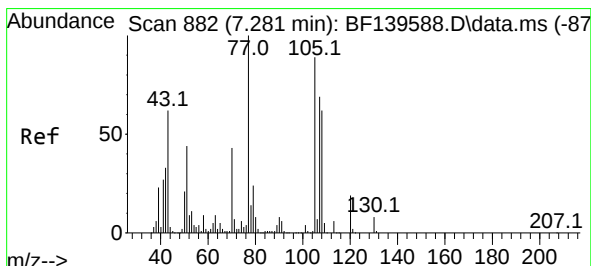
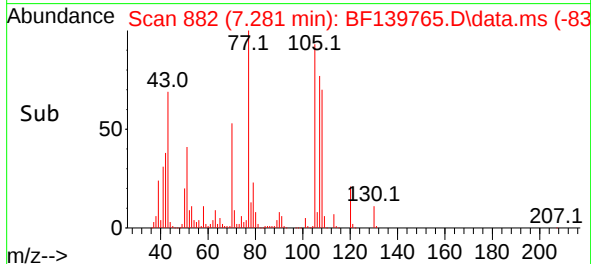
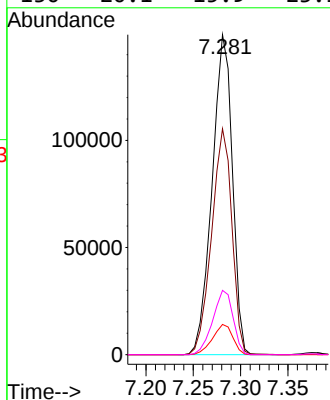
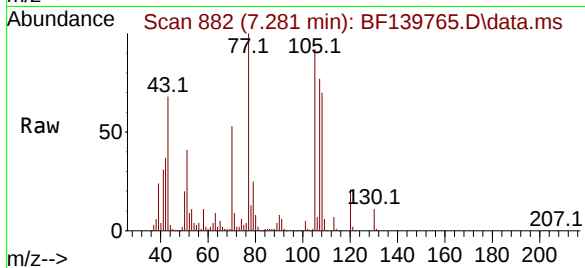
PB164005BS

Tgt Ion: 70 Resp: 222100
Ion Ratio Lower Upper
70 100
42 70.6 58.0 87.0
101 9.5 7.8 11.8
130 20.1 15.9 23.9

Manual Integrations

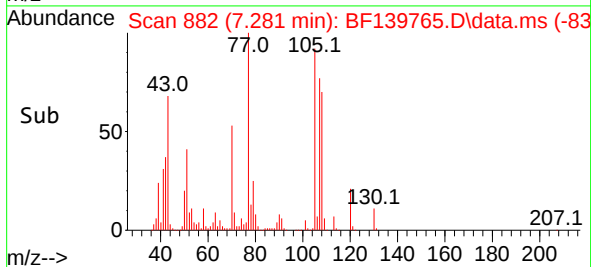
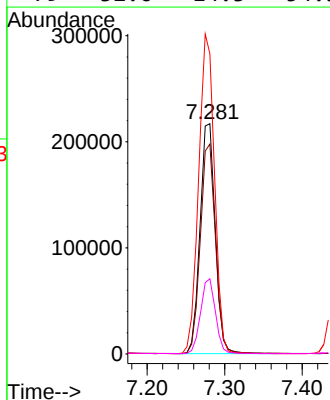
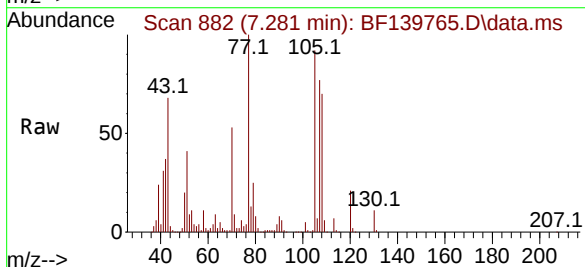
APPROVED

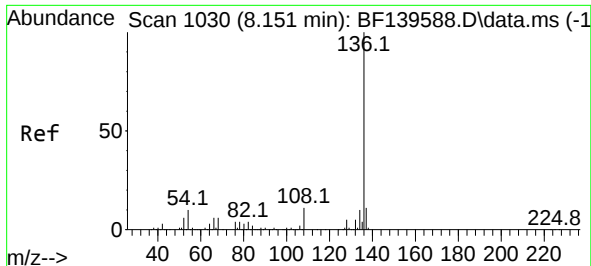
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#20
3+4-Methylphenols
Concen: 42.227 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:107 Resp: 296512
Ion Ratio Lower Upper
107 100
108 91.2 70.2 110.2
77 130.3 125.3 165.3
79 32.6 14.3 54.3





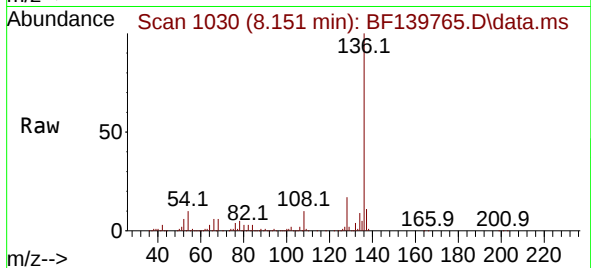
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

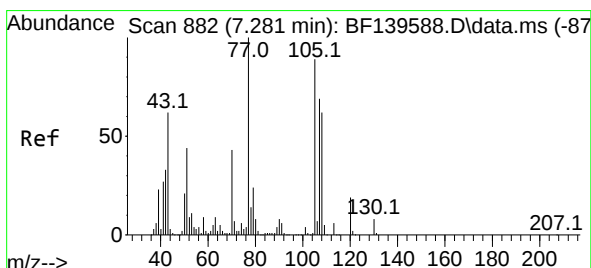
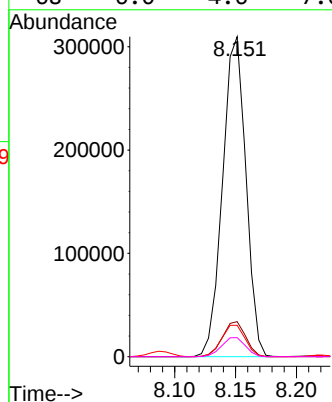
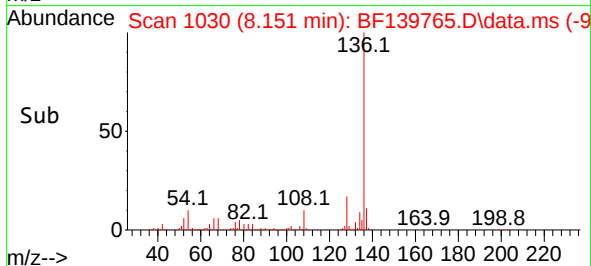


Tgt Ion:136 Resp: 413150
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 8.3 12.5
68 6.0 4.6 7.0

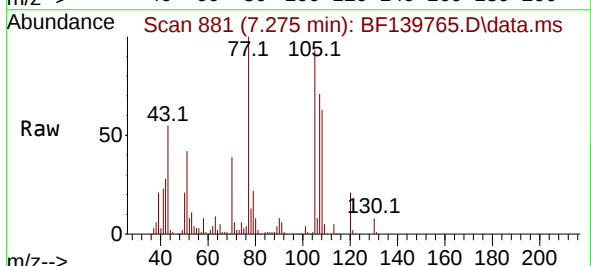
Manual Integrations

APPROVED

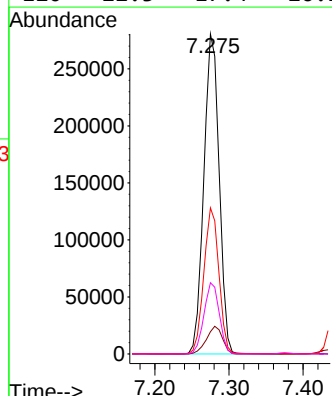
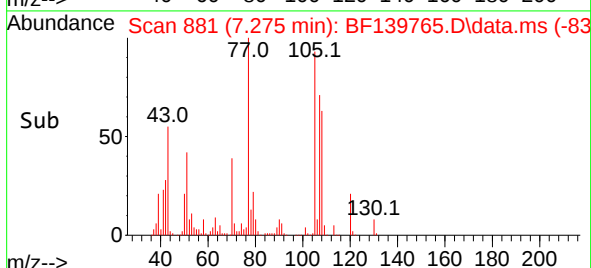
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#22
Acetophenone
Concen: 41.113 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion:105 Resp: 403187
Ion Ratio Lower Upper
105 100
71 7.0 6.6 10.0
51 45.7 39.4 59.0
120 22.3 17.4 26.2





#23

Nitrobenzene-d5

Concen: 80.924 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

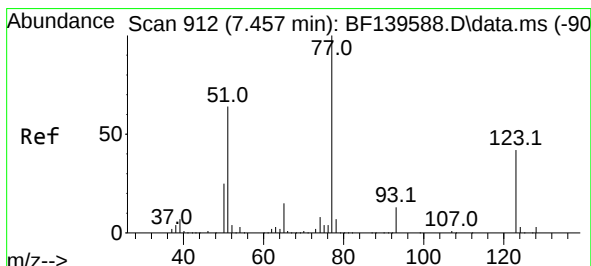
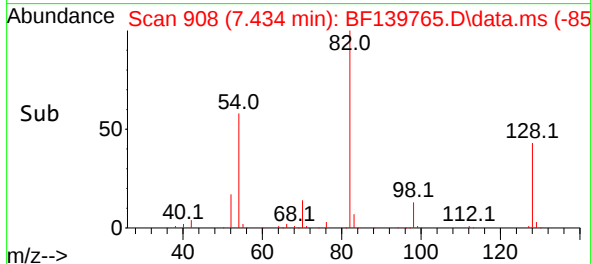
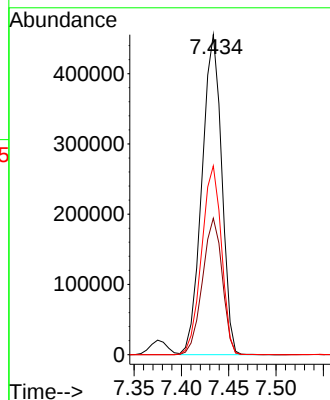
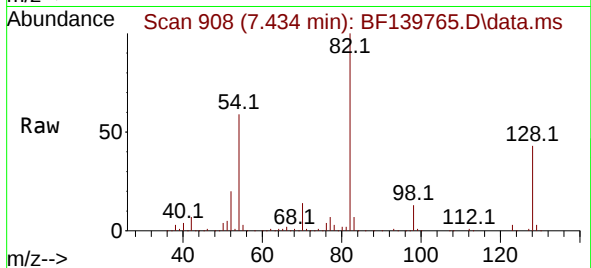
PB164005BS

Tgt Ion: 82 Resp: 660354
 Ion Ratio Lower Upper
 82 100
 128 42.7 32.4 48.6
 54 59.0 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#24

Nitrobenzene

Concen: 39.176 ng

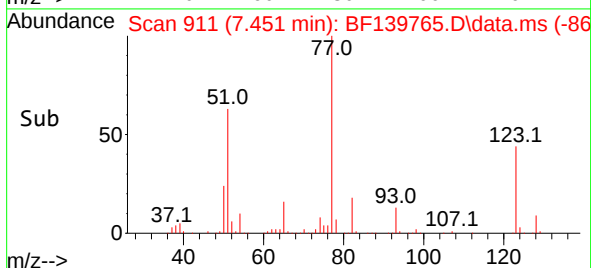
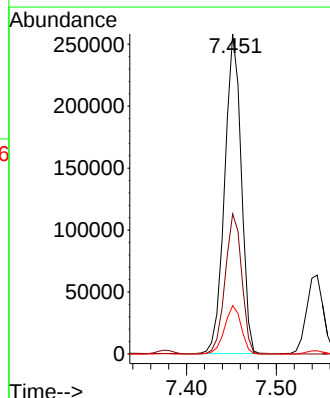
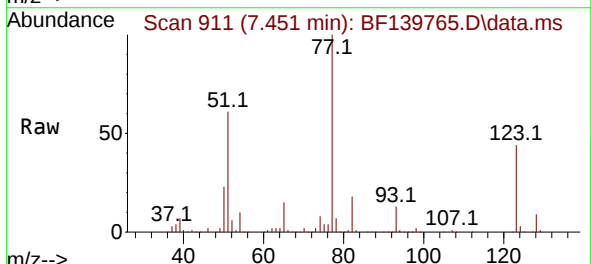
RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Tgt Ion: 77 Resp: 331033
 Ion Ratio Lower Upper
 77 100
 123 43.8 34.2 51.4
 65 15.1 12.1 18.1





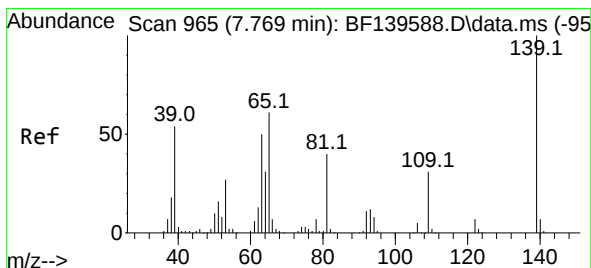
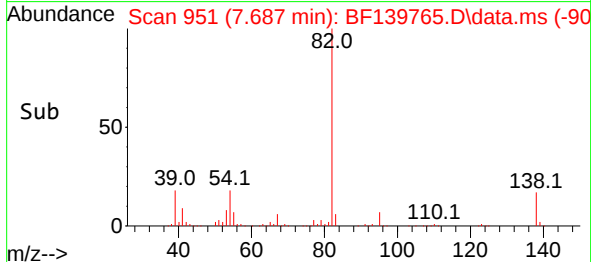
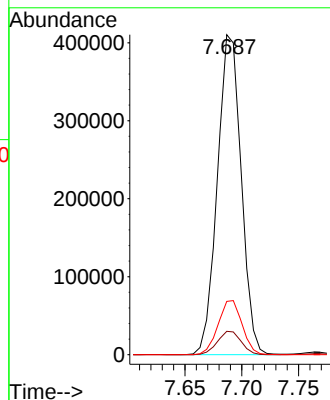
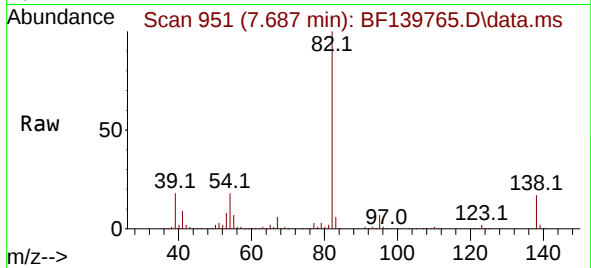
#25
Isophorone
Concen: 41.410 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion: 82 Resp: 60017
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.6 13.4 20.2

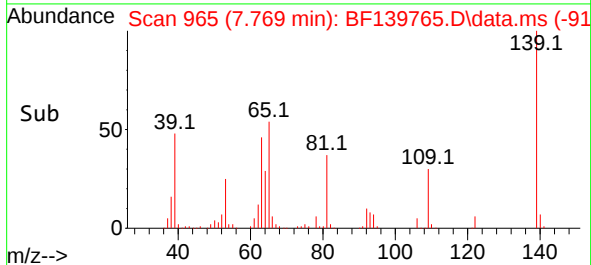
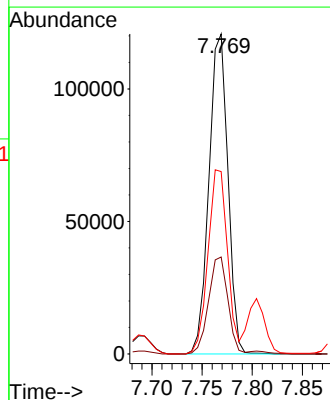
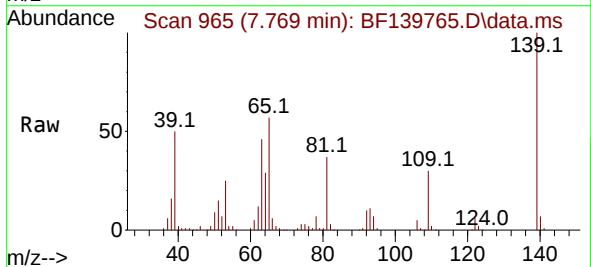
Manual Integrations
APPROVED

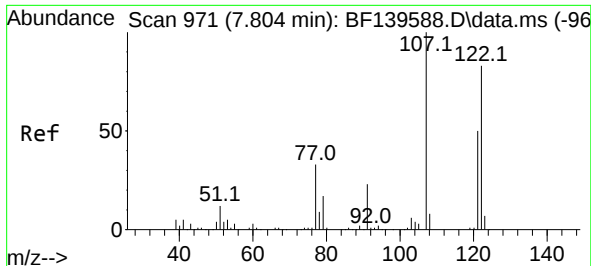
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#26
2-Nitrophenol
Concen: 43.631 ng
RT: 7.769 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:139 Resp: 158491
Ion Ratio Lower Upper
139 100
109 30.3 24.9 37.3
65 57.0 48.6 72.8





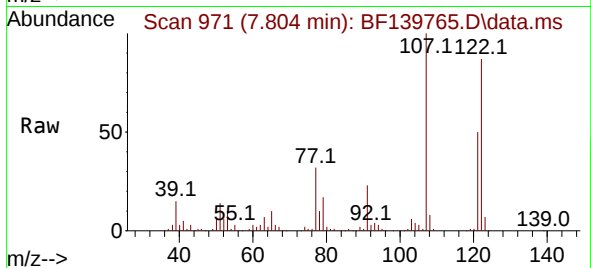
#27
2,4-Dimethylphenol
Concen: 52.119 ng m
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

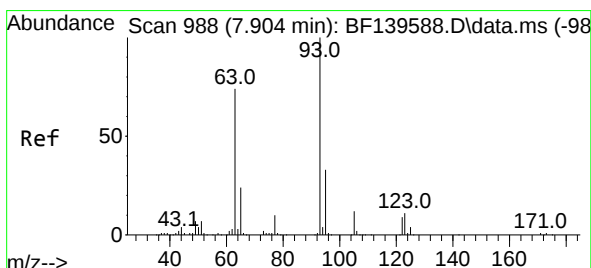
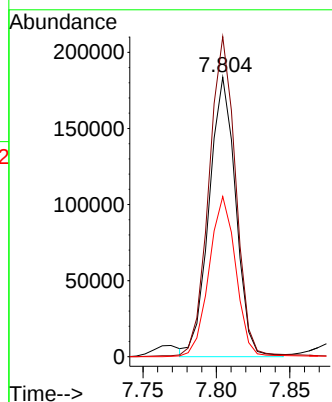
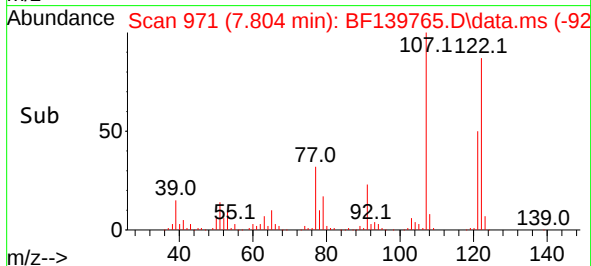


Tgt Ion:122 Resp: 231770
Ion Ratio Lower Upper
122 100
107 114.5 95.4 143.0
121 57.3 47.4 71.2

Manual Integrations

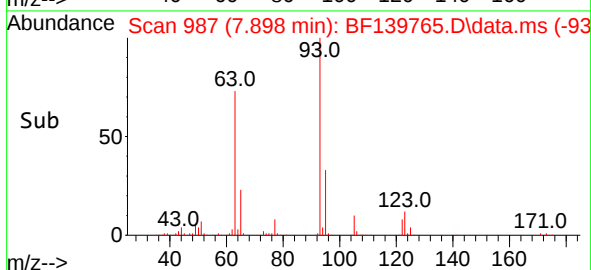
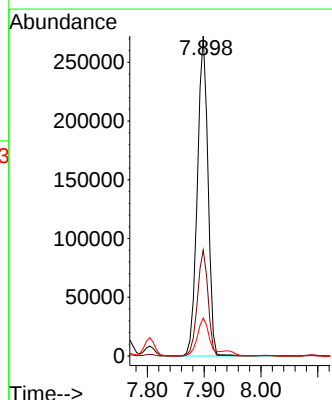
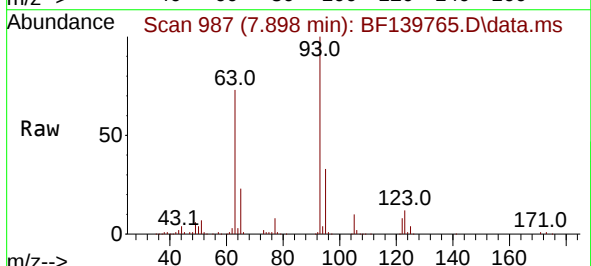
APPROVED

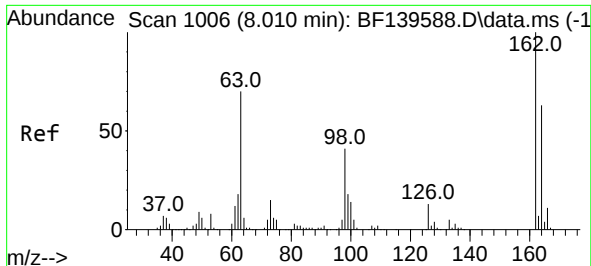
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.181 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion: 93 Resp: 356405
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.613 ng

RT: 8.010 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Tgt Ion:162 Resp: 247170

Ion Ratio Lower Upper

162 100

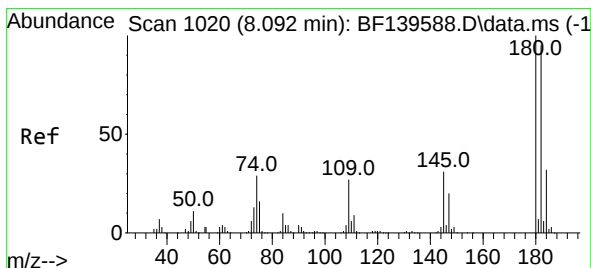
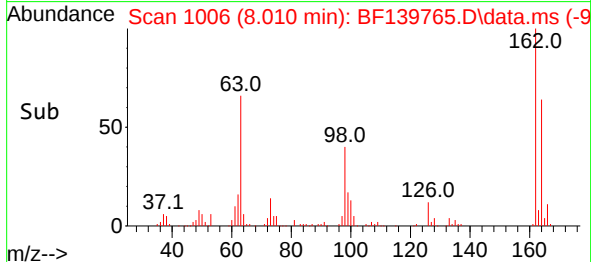
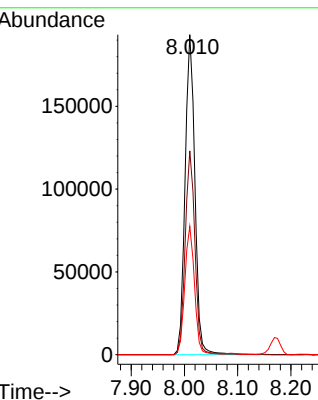
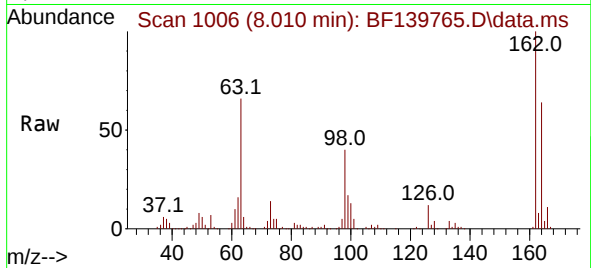
164 63.7 43.1 83.1

98 40.1 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.583 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

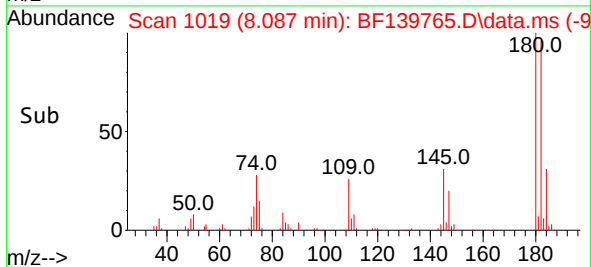
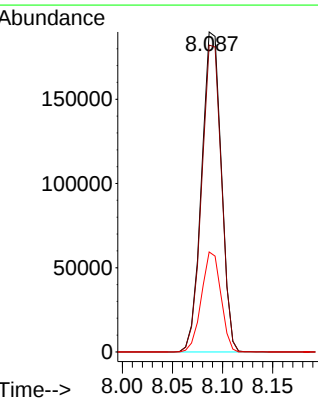
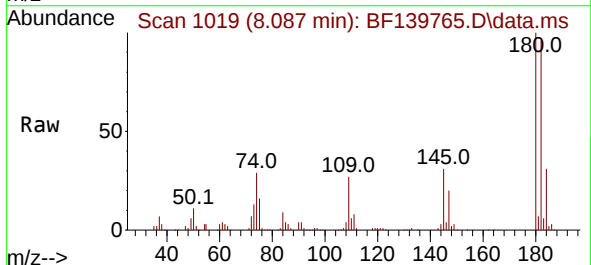
Tgt Ion:180 Resp: 259651

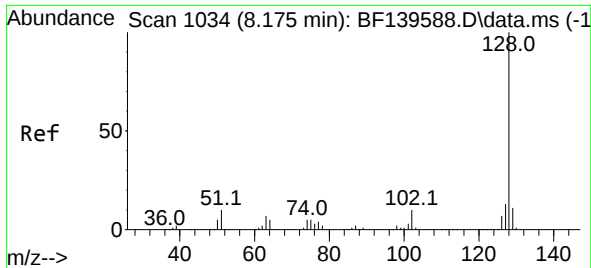
Ion Ratio Lower Upper

180 100

182 95.9 76.0 114.0

145 31.2 25.0 37.6





#31
Naphthalene
Concen: 41.099 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

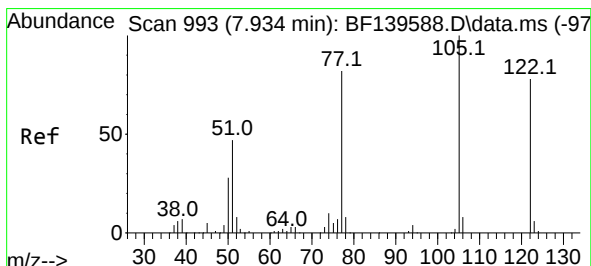
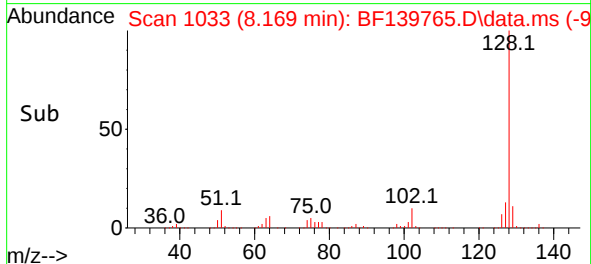
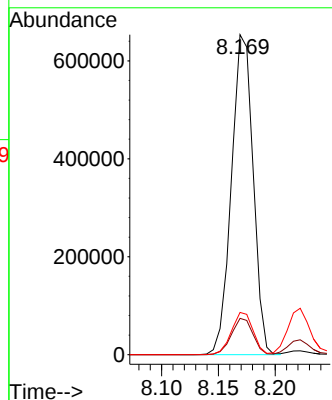
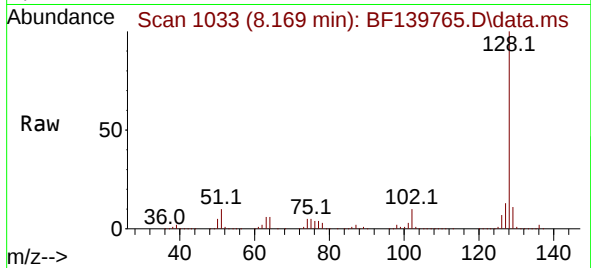
PB164005BS

Tgt Ion:128 Resp: 868178
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.5 15.7

Manual Integrations

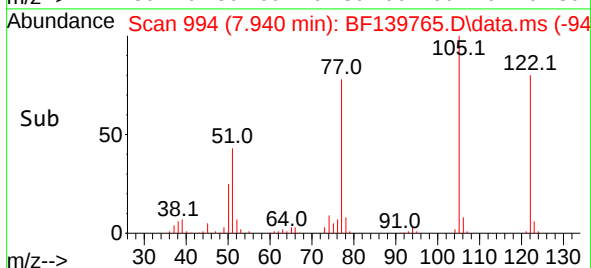
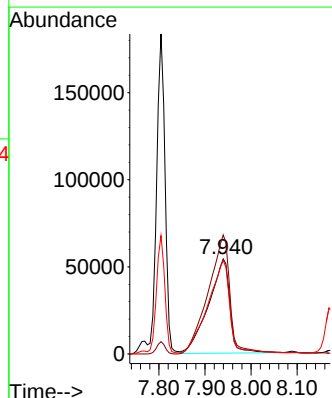
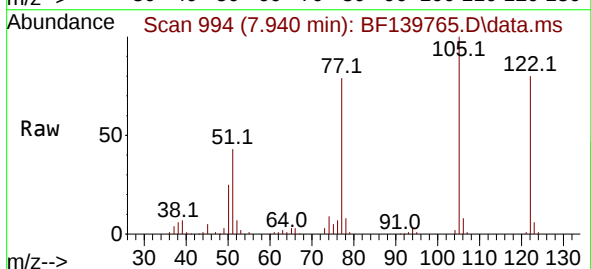
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#32
Benzoic acid
Concen: 39.454 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:122 Resp: 174458
Ion Ratio Lower Upper
122 100
105 125.2 104.9 144.9
77 98.4 82.7 122.7





#33
4-Chloroaniline
Concen: 19.769 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

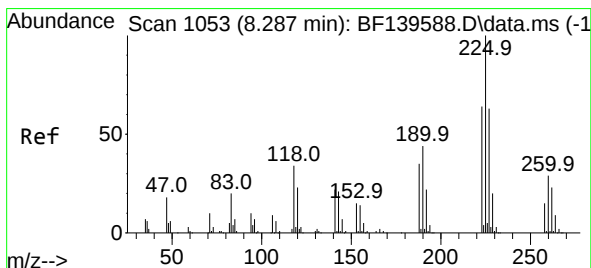
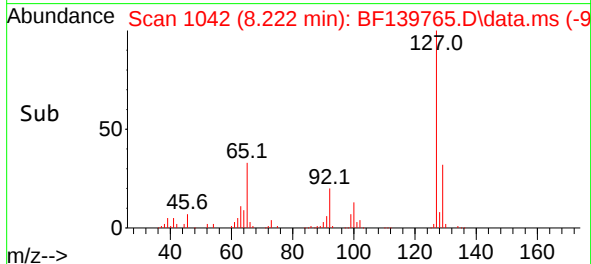
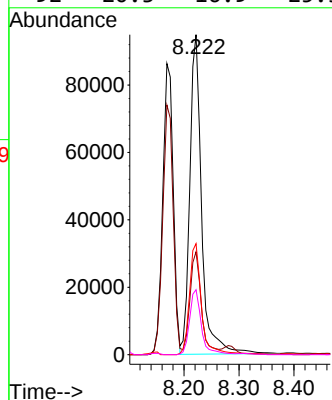
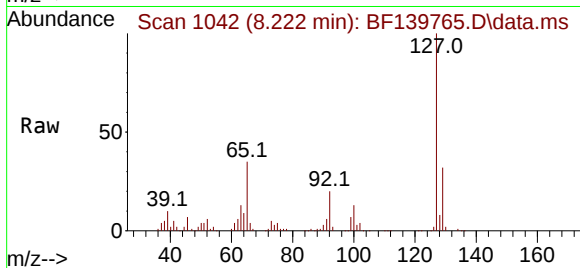
PB164005BS

Tgt Ion:	127	Resp:	14135
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.2	39.4
65	34.7	29.3	43.9
92	20.3	16.9	25.3

Manual Integrations

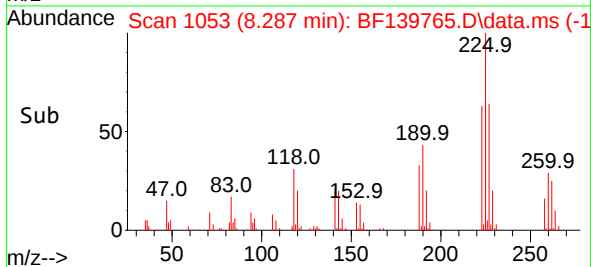
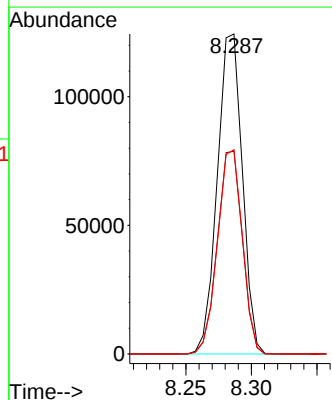
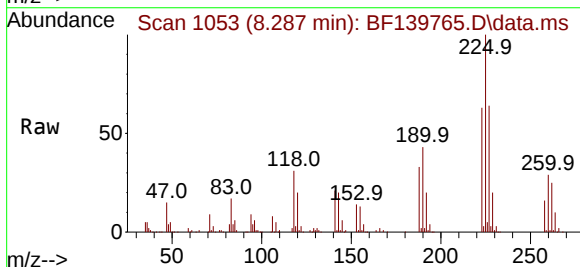
APPROVED

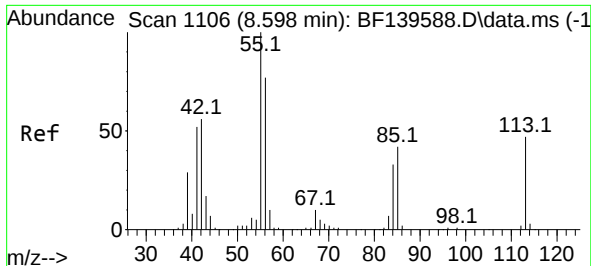
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#34
Hexachlorobutadiene
Concen: 38.880 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

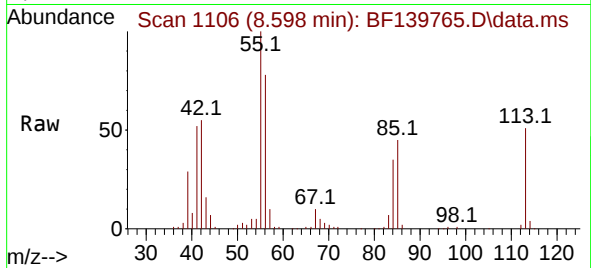
Tgt Ion:	225	Resp:	165048
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.9	76.3
227	63.9	50.7	76.1





#35
Caprolactam
Concen: 41.602 ng m
RT: 8.598 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

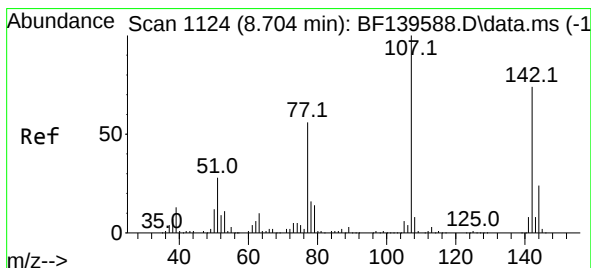
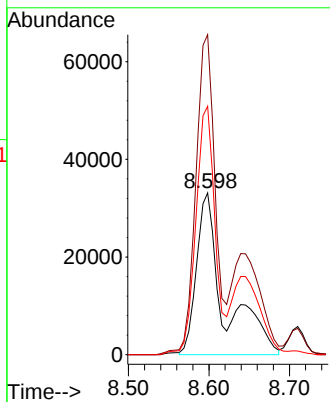
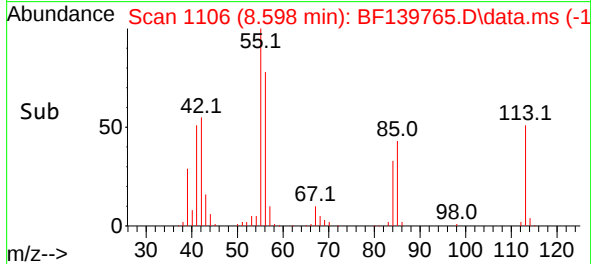
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:113 Resp: 79140
Ion Ratio Lower Upper
113 100
55 197.9 193.4 233.4
56 153.6 143.8 183.8

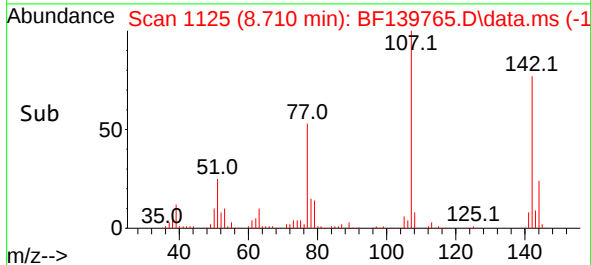
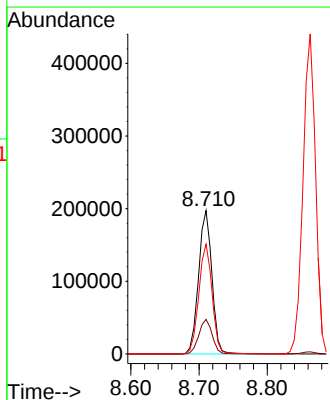
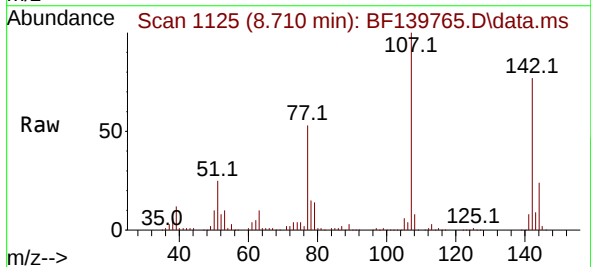
Manual Integrations
APPROVED

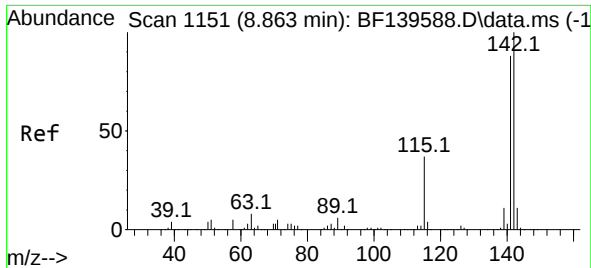
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#36
4-Chloro-3-methylphenol
Concen: 40.843 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:107 Resp: 268179
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.6
142 76.5 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.041 ng

RT: 8.863 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Tgt Ion:142 Resp: 56463

Ion Ratio Lower Upper

142 100

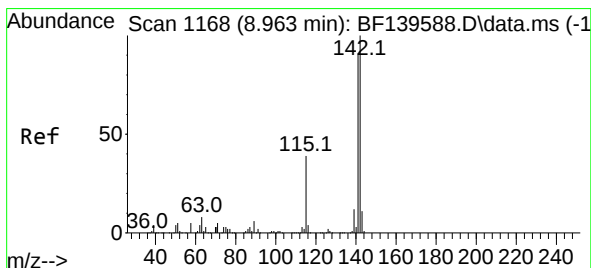
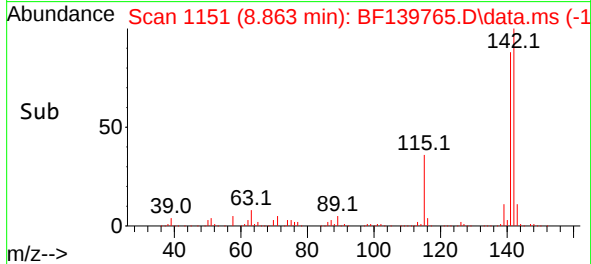
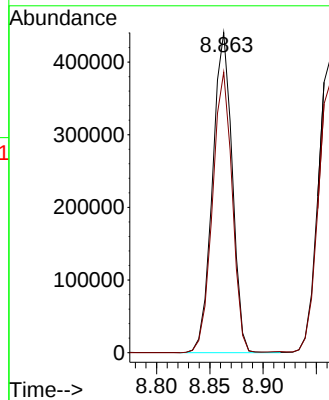
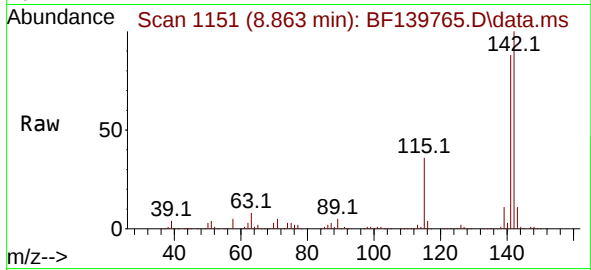
141 87.7 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024

Supervised By :mohammad ahmed 10/15/2024



#38

1-Methylnaphthalene

Concen: 38.888 ng

RT: 8.963 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF139765.D

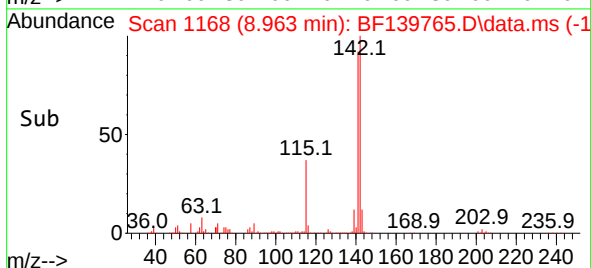
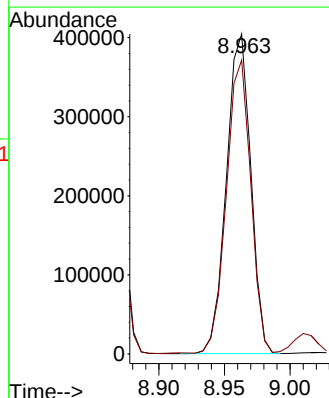
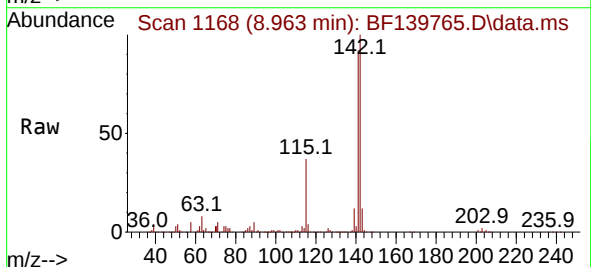
Acq: 11 Oct 2024 10:27

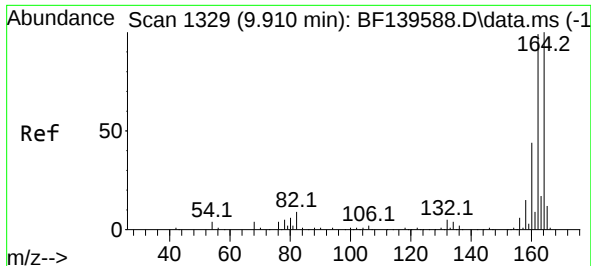
Tgt Ion:142 Resp: 522961

Ion Ratio Lower Upper

142 100

141 91.8 73.0 109.4





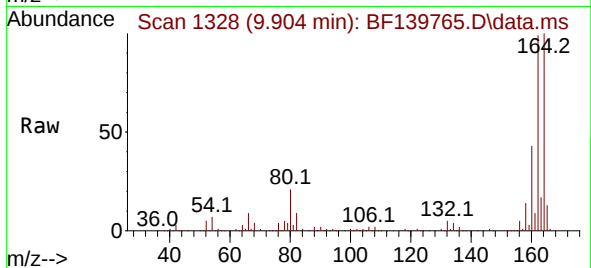
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

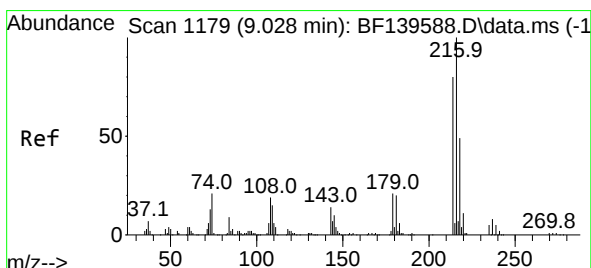
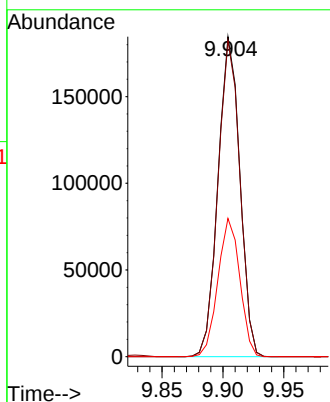
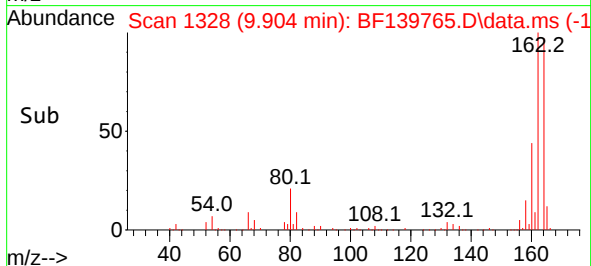


Tgt Ion:164 Resp: 230678
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 43.2 35.1 52.7

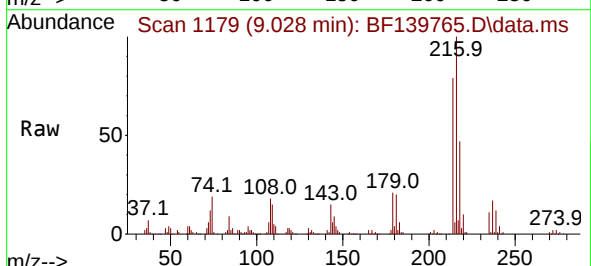
Manual Integrations

APPROVED

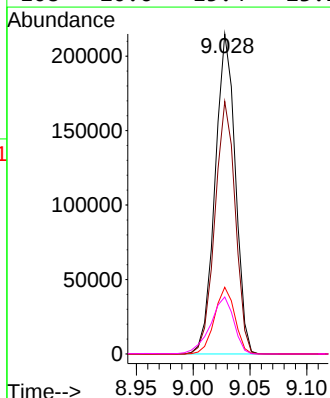
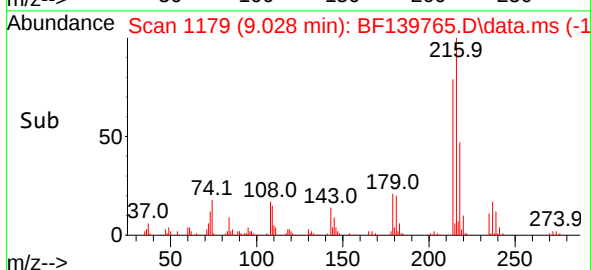
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

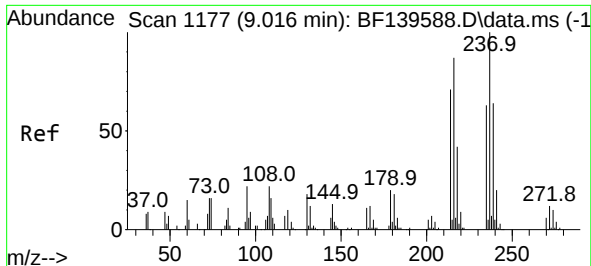


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.693 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion:216 Resp: 267069
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.8 16.9 25.3
108 20.6 15.4 23.2





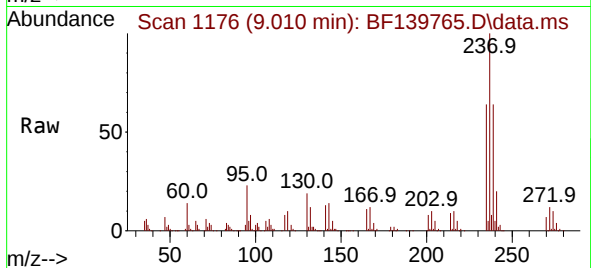
#41
Hexachlorocyclopentadiene
Concen: 137.325 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

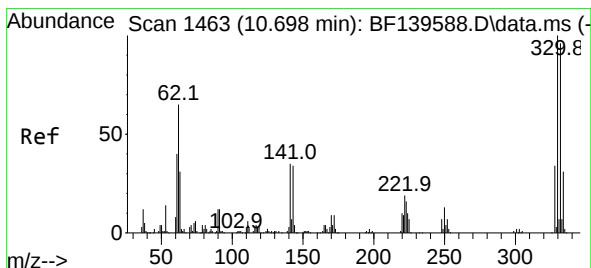
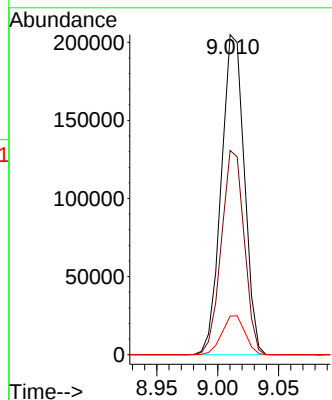
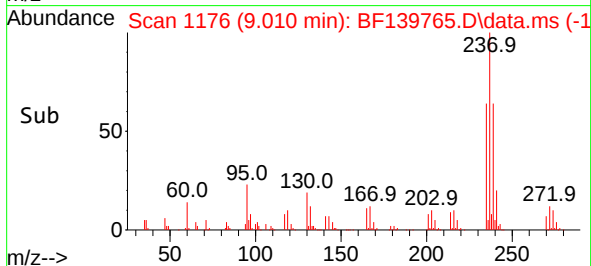


Tgt Ion:237 Resp: 269724
Ion Ratio Lower Upper
237 100
235 63.8 42.5 82.5
272 12.0 0.0 32.1

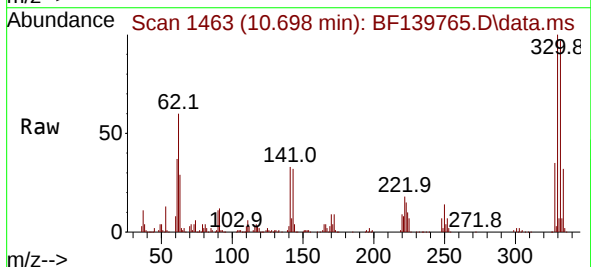
Manual Integrations

APPROVED

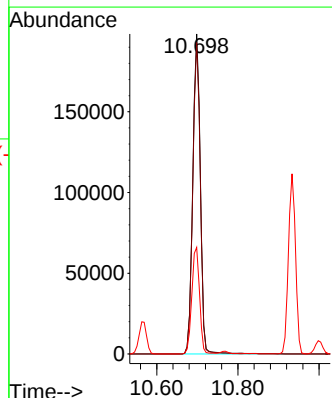
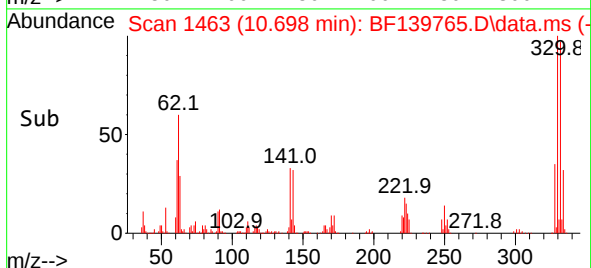
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#42
2,4,6-Tribromophenol
Concen: 114.780 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



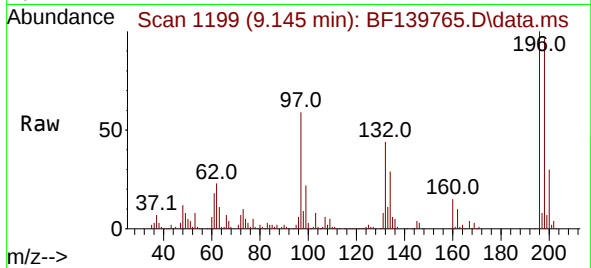
Tgt Ion:330 Resp: 255594
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 34.2 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 41.115 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

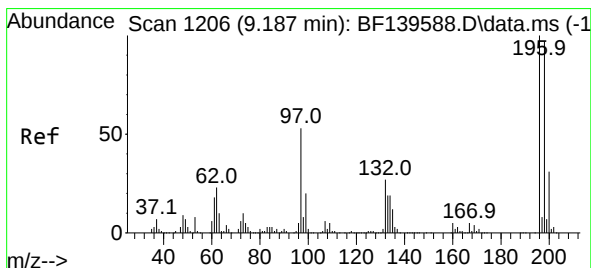
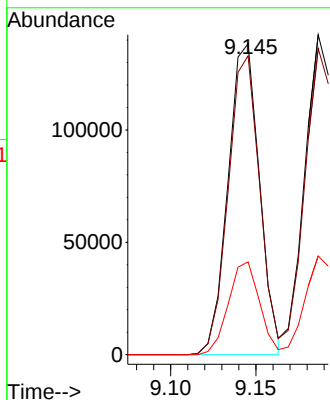
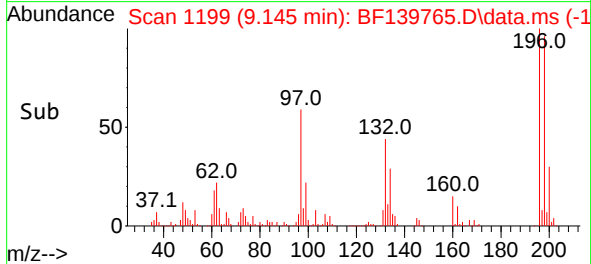
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:196 Resp: 17754
Ion Ratio Lower Upper
196 100
198 96.1 75.2 112.8
200 29.8 24.6 37.0

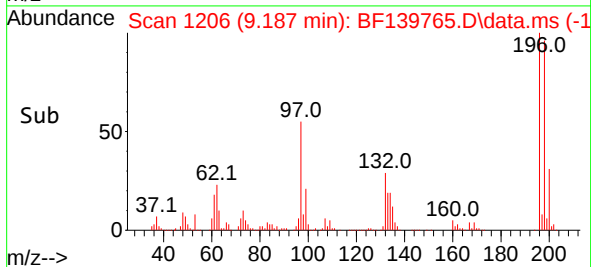
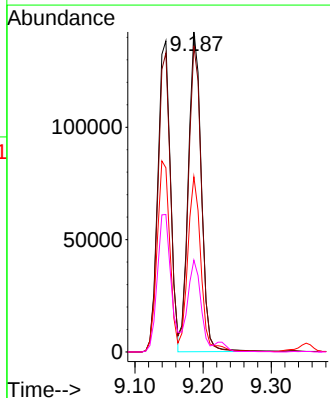
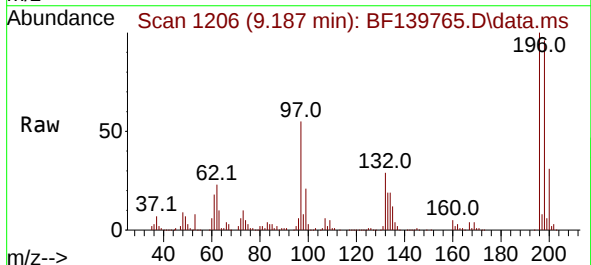
Manual Integrations
APPROVED

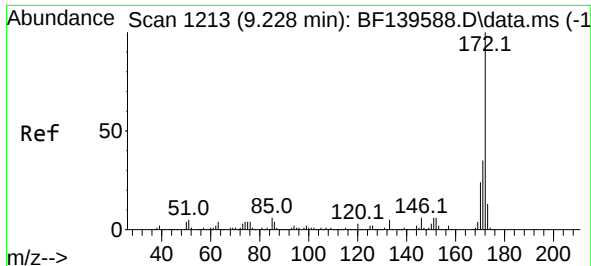
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#44
2,4,5-Trichlorophenol
Concen: 40.114 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

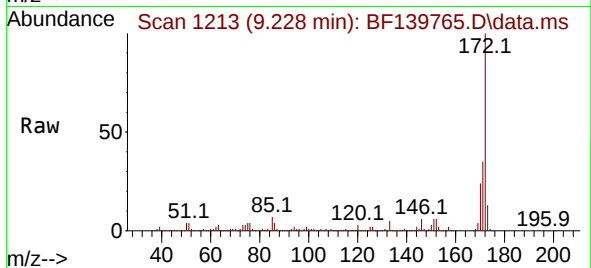
Tgt Ion:196 Resp: 186804
Ion Ratio Lower Upper
196 100
198 95.7 77.5 116.3
97 54.8 43.1 64.7
132 28.7 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 79.332 ng
RT: 9.228 min Scan# 119204
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

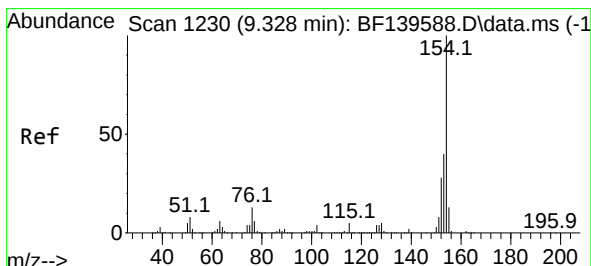
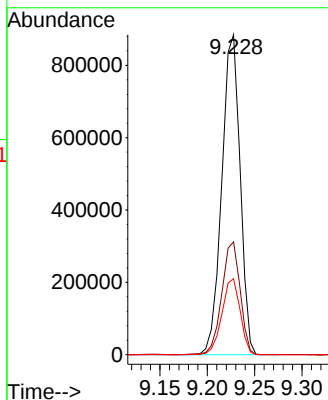
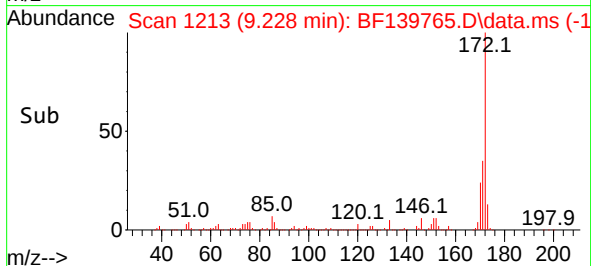
Instrument :
BNA_F
ClientSampleId :
PB164005BS



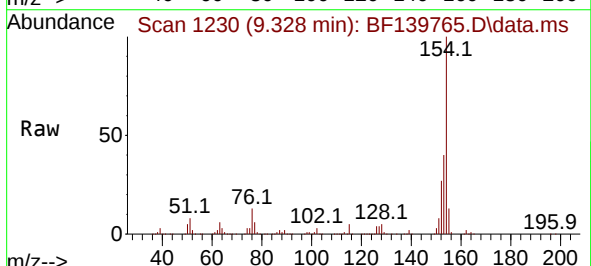
Tgt Ion:172 Resp: 119204
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.8 18.8 28.2

Manual Integrations
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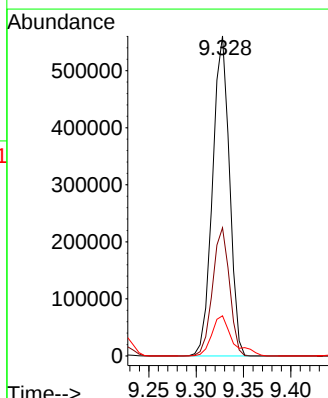
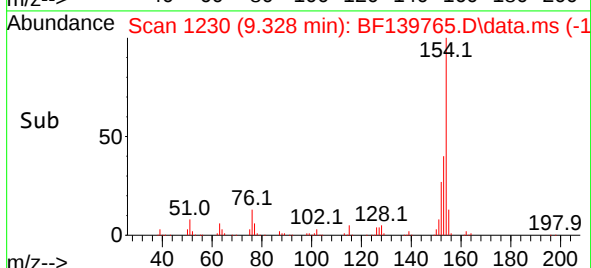
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#46
1,1'-Biphenyl
Concen: 40.634 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion:154 Resp: 697154
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 12.5 0.0 32.6





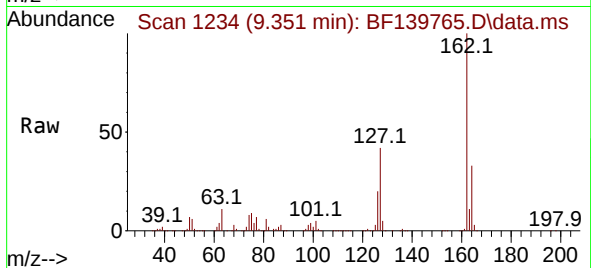
#47
2-Chloronaphthalene
Concen: 40.851 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

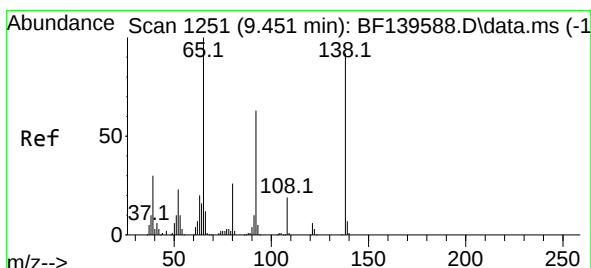
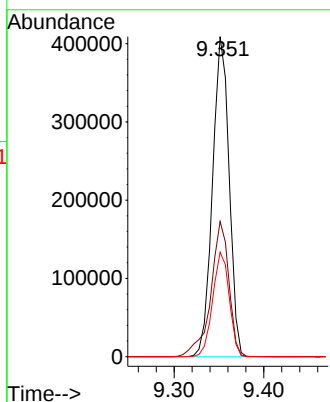
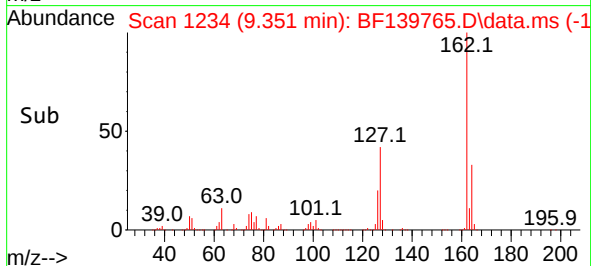


Tgt Ion:162 Resp: 525438
Ion Ratio Lower Upper
162 100
127 42.3 35.0 52.4
164 32.7 26.1 39.1

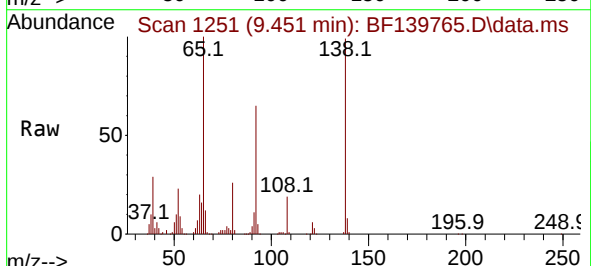
Manual Integrations

APPROVED

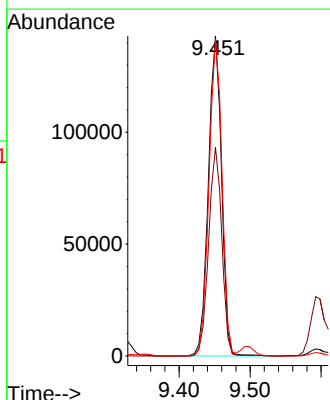
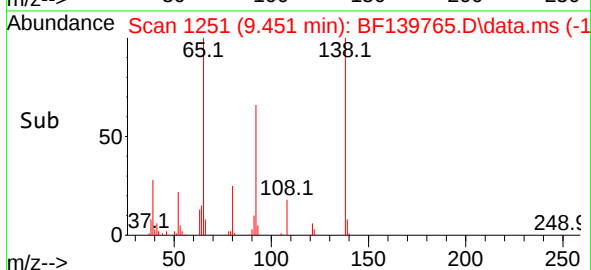
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#48
2-Nitroaniline
Concen: 40.049 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion: 65 Resp: 184913
Ion Ratio Lower Upper
65 100
92 65.3 50.0 75.0
138 99.1 73.8 110.8





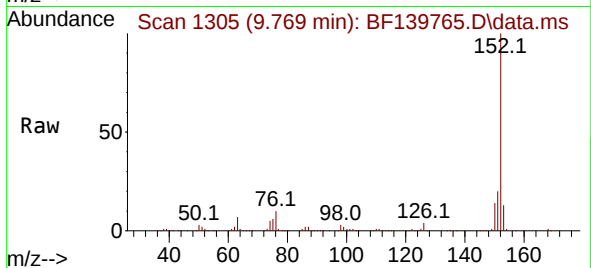
#49
Acenaphthylene
Concen: 43.814 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

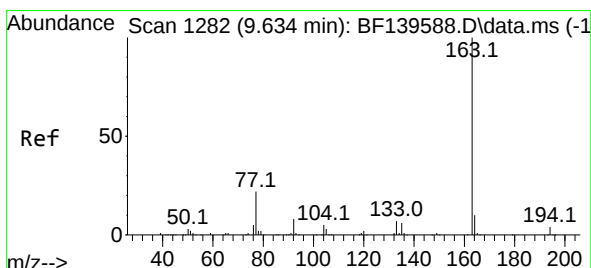
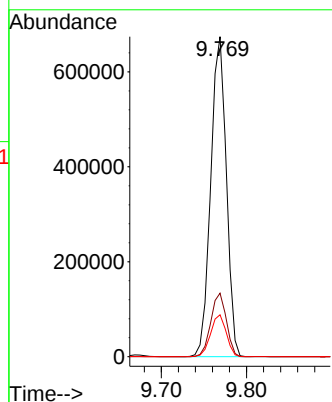
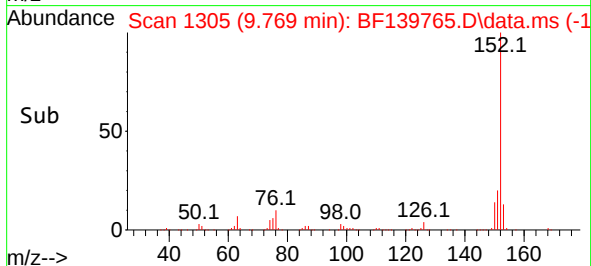


Tgt Ion:152 Resp: 857034
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.5 15.7

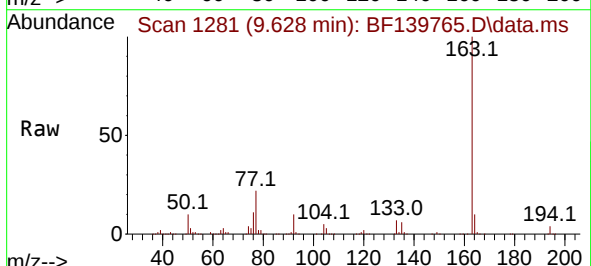
Manual Integrations

APPROVED

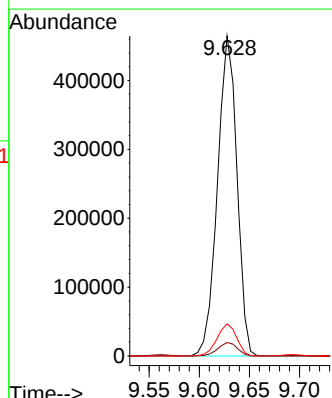
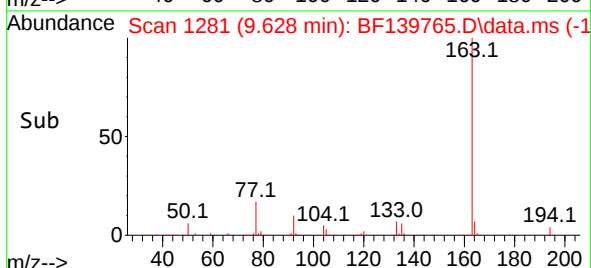
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

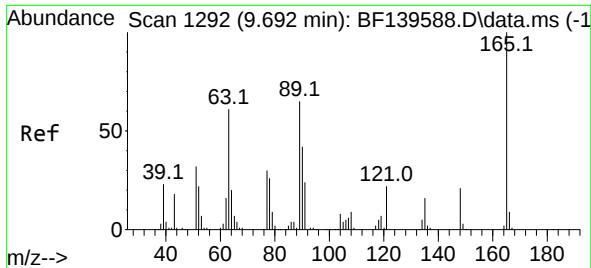


#50
Dimethylphthalate
Concen: 41.508 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion:163 Resp: 626782
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 39.727 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

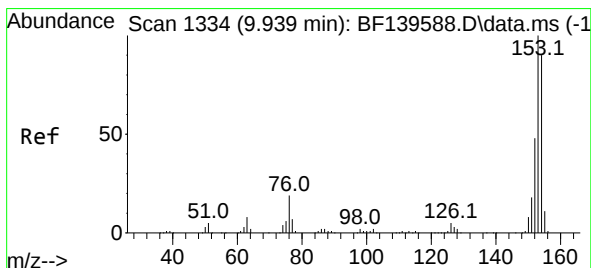
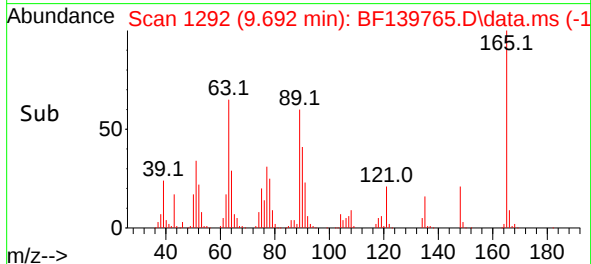
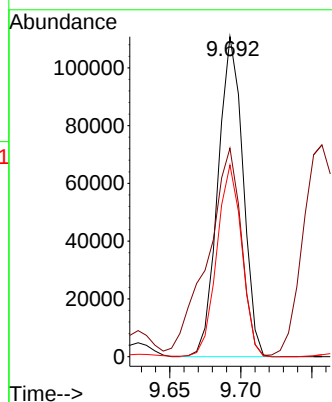
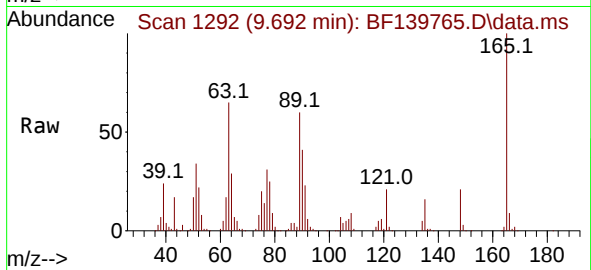
PB164005BS

Tgt Ion:165 Resp: 135519
Ion Ratio Lower Upper
165 100
63 65.2 56.7 85.1
89 59.9 51.6 77.4

Manual Integrations

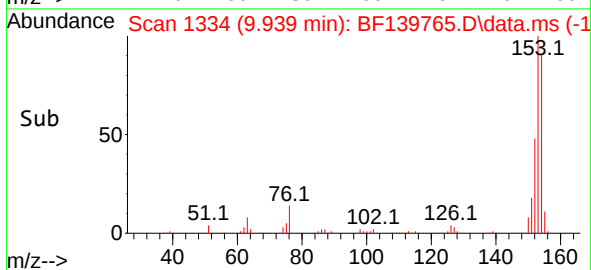
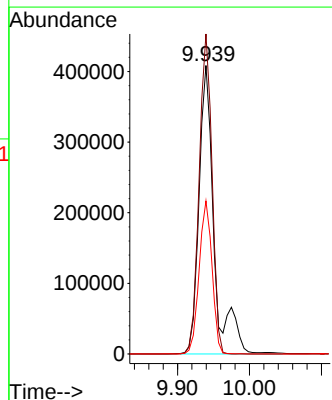
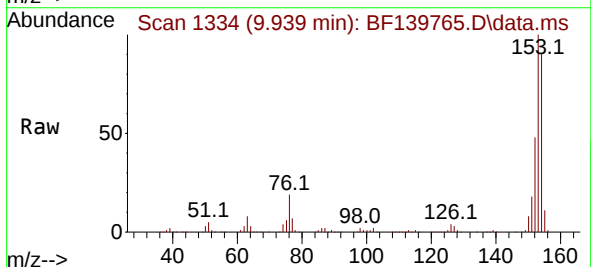
APPROVED

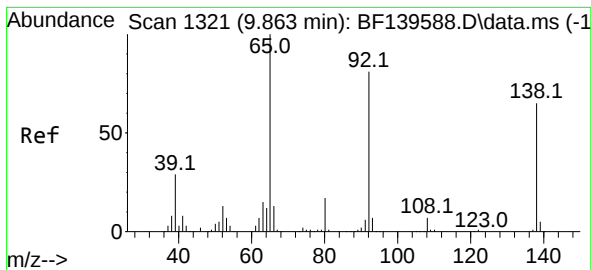
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#52
Acenaphthene
Concen: 44.647 ng m
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:154 Resp: 599530
Ion Ratio Lower Upper
154 100
153 111.0 88.8 133.2
152 53.0 42.5 63.7





#53
3-Nitroaniline
Concen: 26.790 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

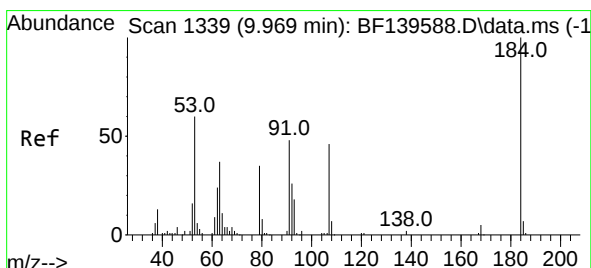
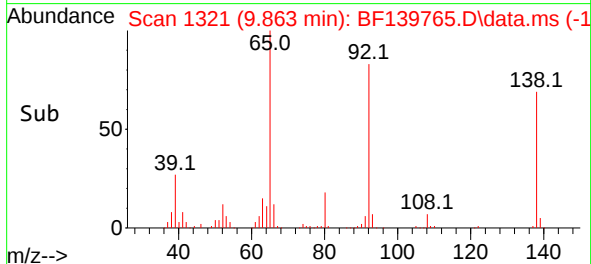
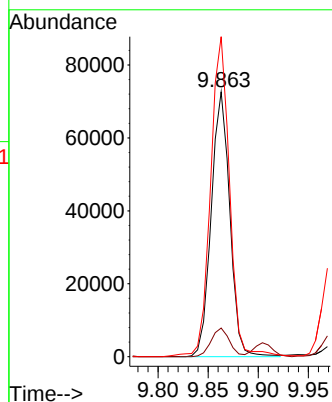
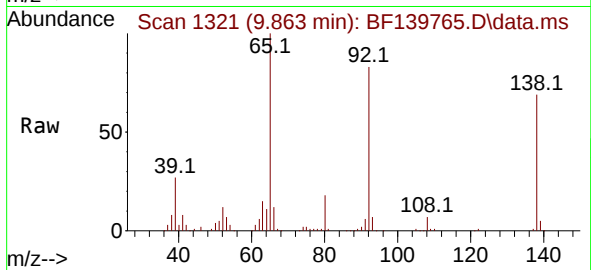
PB164005BS

Tgt Ion:138 Resp: 93380
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 120.8 100.0 150.0

Manual Integrations

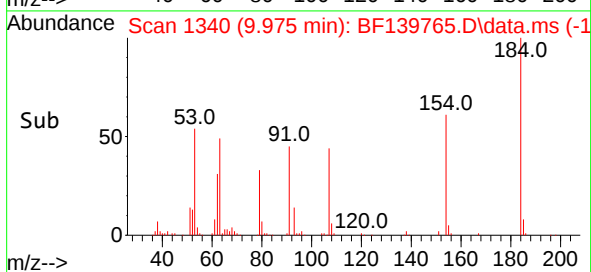
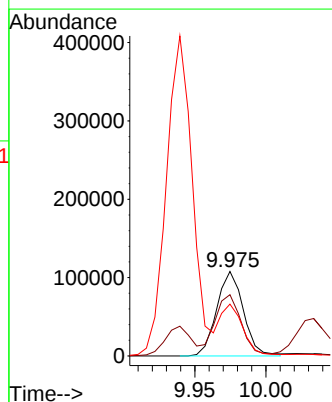
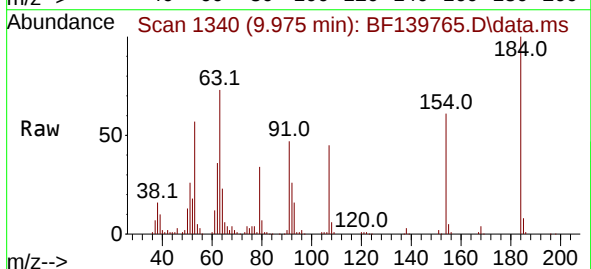
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#54
2,4-Dinitrophenol
Concen: 76.800 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

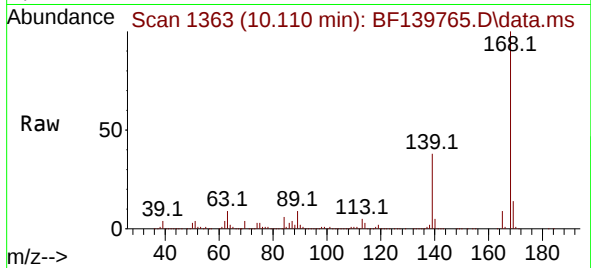
Tgt Ion:184 Resp: 140906
Ion Ratio Lower Upper
184 100
63 72.6 61.7 92.5
154 61.4 53.0 79.4





#55
Dibenzenofuran
Concen: 41.228 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

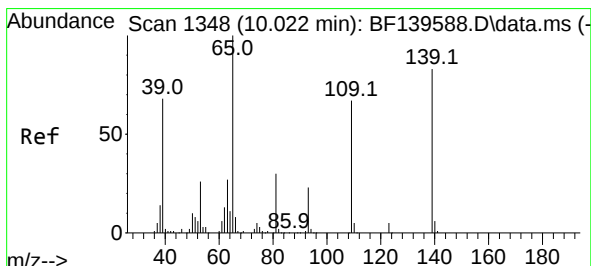
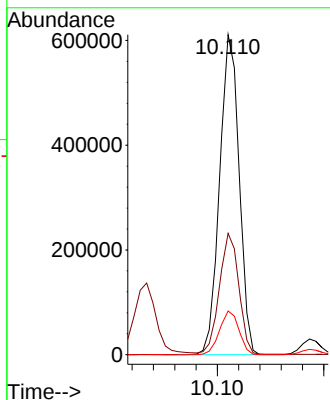
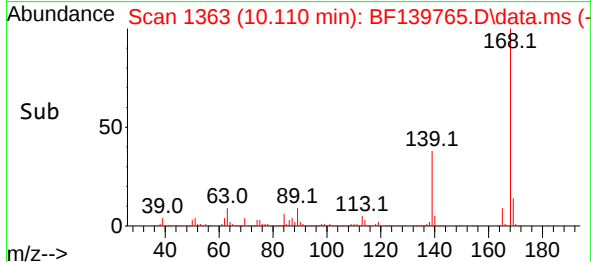
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:168 Resp: 77515
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 13.7 10.7 16.1

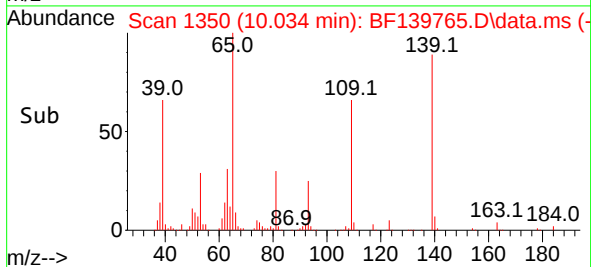
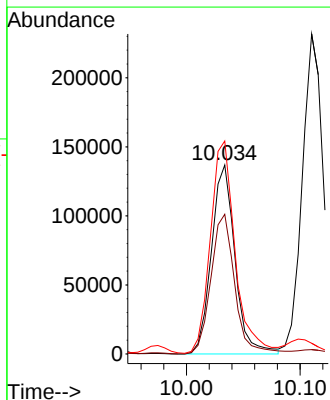
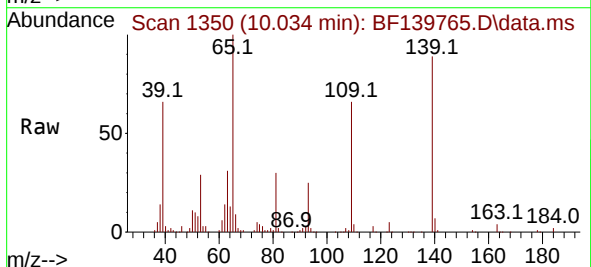
Manual Integrations
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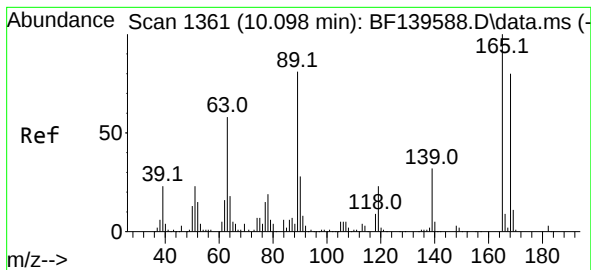
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#56
4-Nitrophenol
Concen: 74.259 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:139 Resp: 197402
Ion Ratio Lower Upper
139 100
109 73.9 60.3 100.3
65 112.6 100.8 140.8





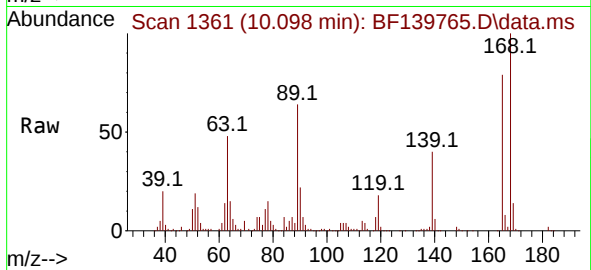
#57
2,4-Dinitrotoluene
Concen: 39.501 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

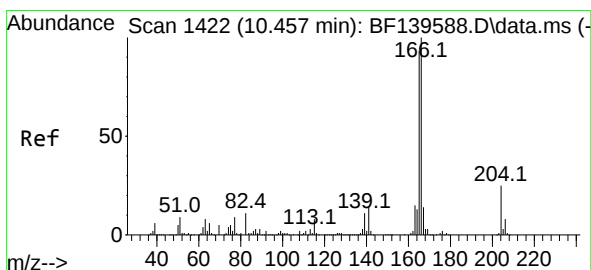
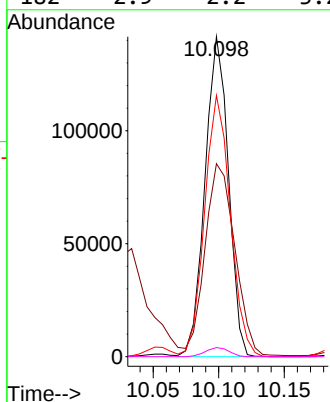
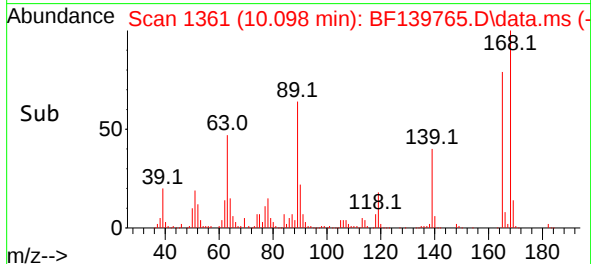


Tgt Ion:165 Resp: 176120
Ion Ratio Lower Upper
165 100
63 60.3 46.9 70.3
89 81.7 64.4 96.6
182 2.9 2.2 3.2

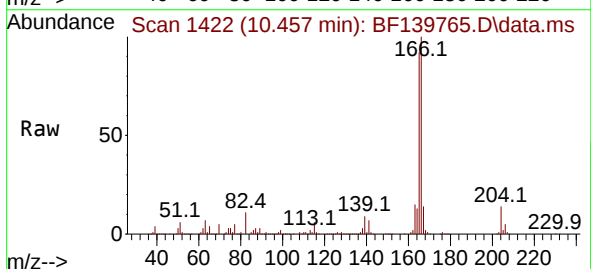
Manual Integrations

APPROVED

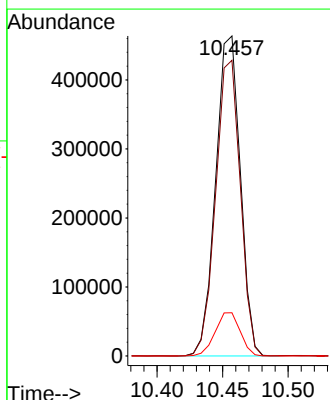
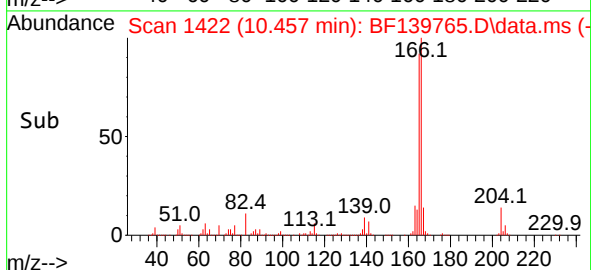
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#58
Fluorene
Concen: 40.479 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



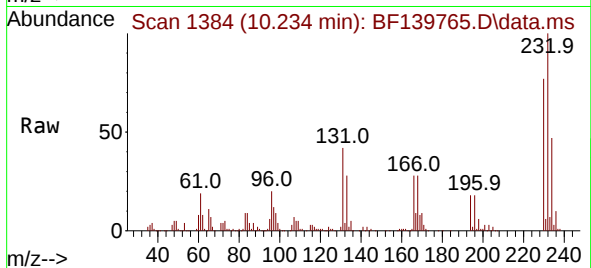
Tgt Ion:166 Resp: 606180
Ion Ratio Lower Upper
166 100
165 92.4 74.4 111.6
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.027 ng
RT: 10.234 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

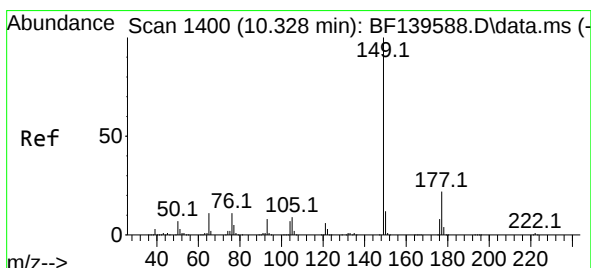
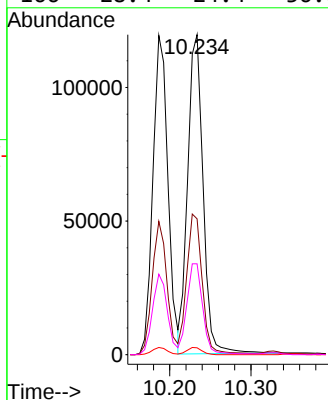
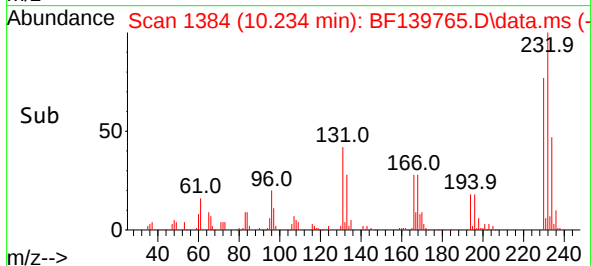
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:232 Resp: 158071
Ion Ratio Lower Upper
232 100
131 44.4 37.8 56.6
130 2.2 1.9 2.9
166 28.4 24.4 36.6

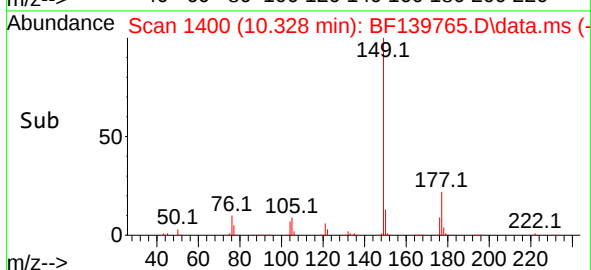
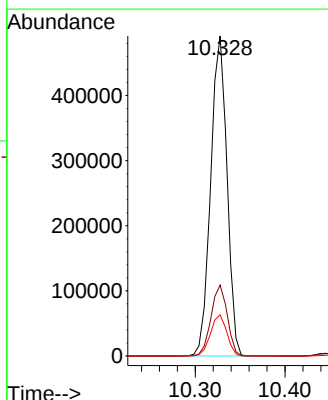
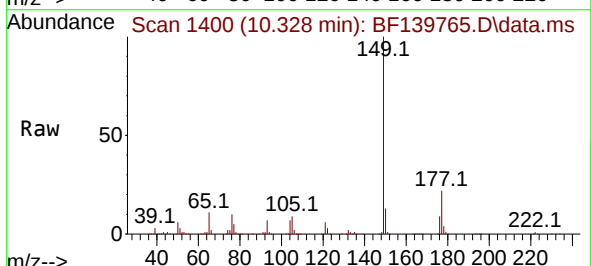
Manual Integrations
APPROVED

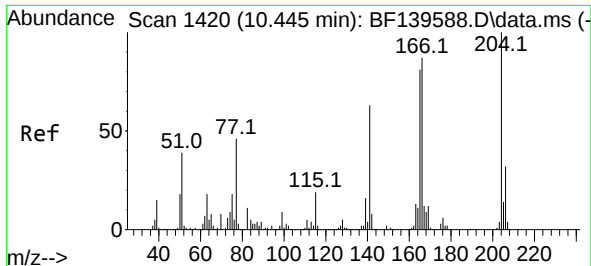
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#60
Diethylphthalate
Concen: 39.689 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

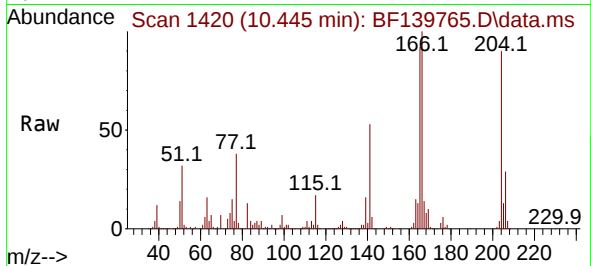
Tgt Ion:149 Resp: 619029
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.0
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.540 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

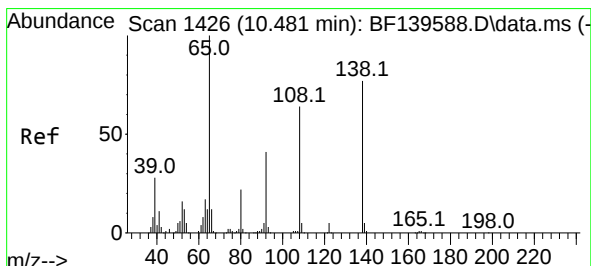
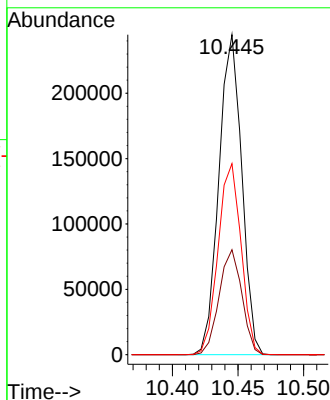
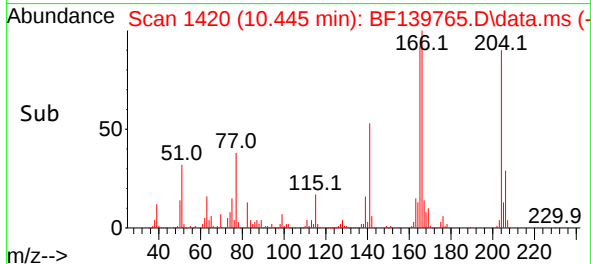
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:204 Resp: 296230
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 59.7 50.5 75.7

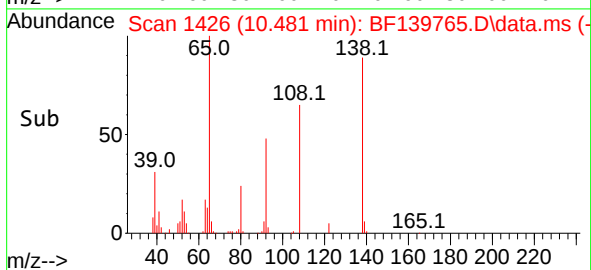
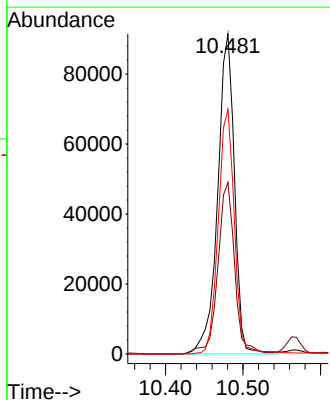
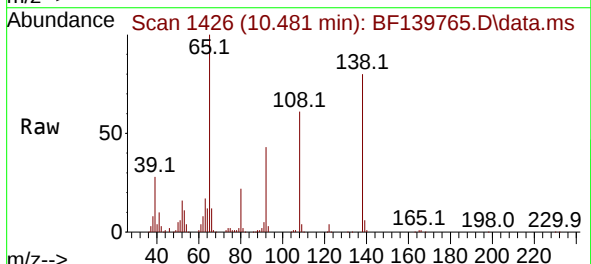
Manual Integrations
APPROVED

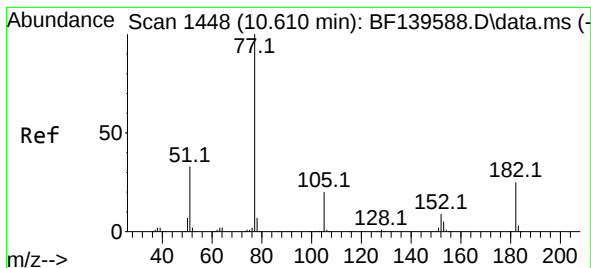
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#62
4-Nitroaniline
Concen: 38.831 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:138 Resp: 138457
Ion Ratio Lower Upper
138 100
92 53.6 33.3 73.3
108 76.4 62.1 102.1





#63

Azobenzene

Concen: 40.313 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Tgt Ion: 77 Resp: 632320

Ion Ratio Lower Upper

77 100

182 23.3 4.2 44.2

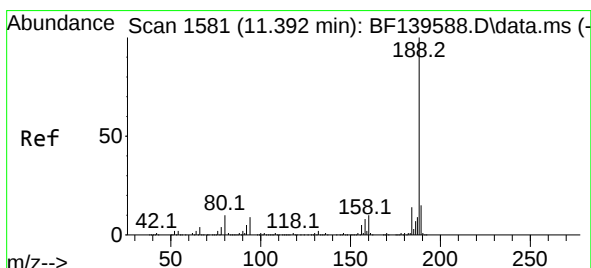
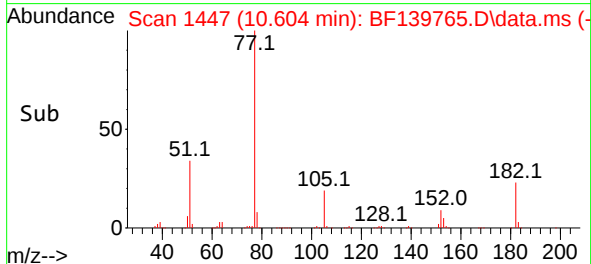
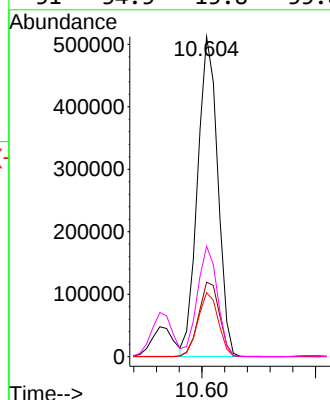
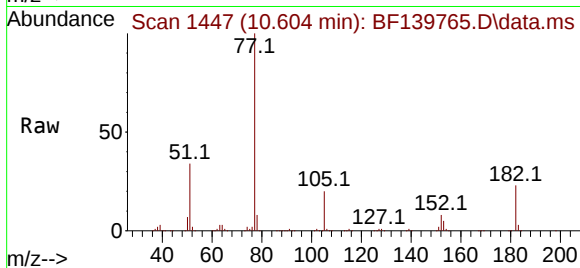
105 20.0 0.0 39.6

51 34.5 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

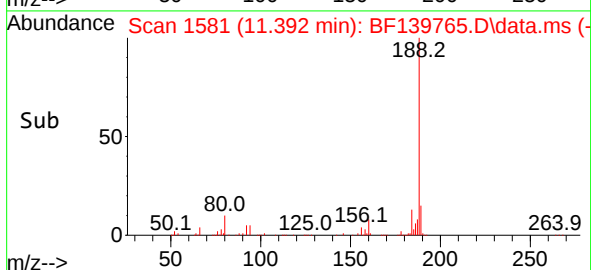
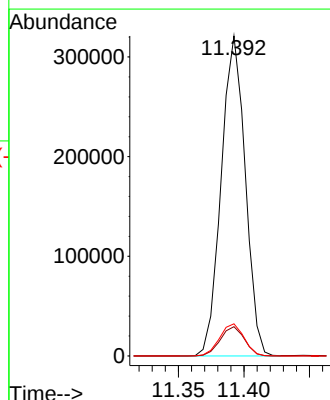
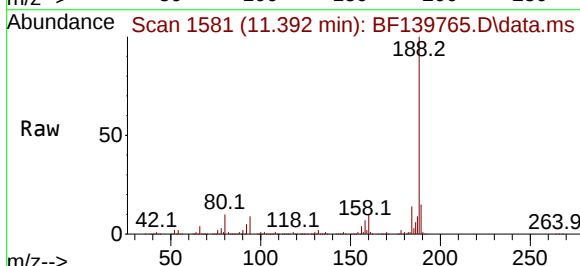
Tgt Ion:188 Resp: 409405

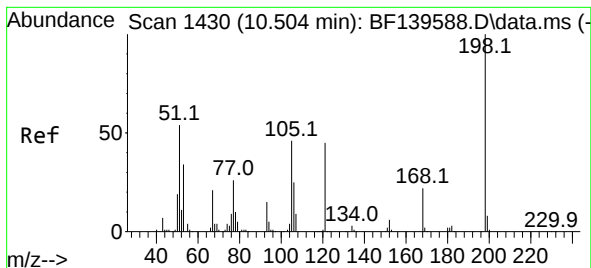
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.0 8.2 12.2





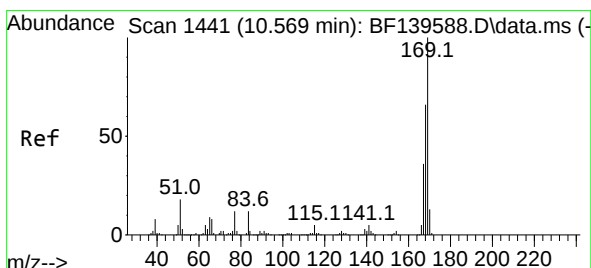
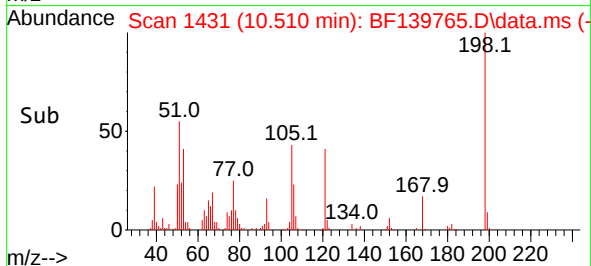
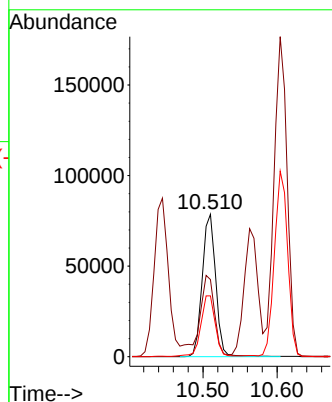
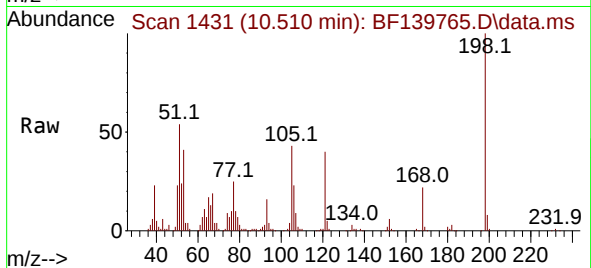
#65
4,6-Dinitro-2-methylphenol
Concen: 43.087 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:198 Resp: 99628
Ion Ratio Lower Upper
198 100
51 54.2 43.0 83.0
105 42.8 26.6 66.6

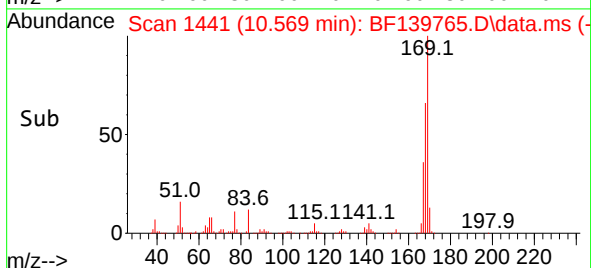
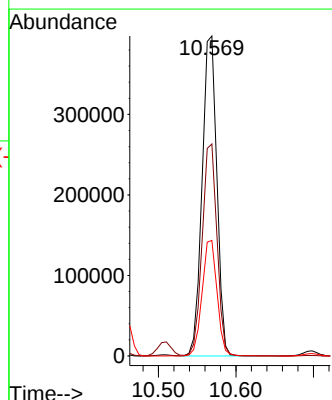
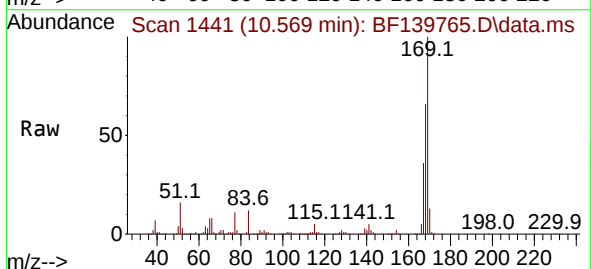
Manual Integrations
APPROVED

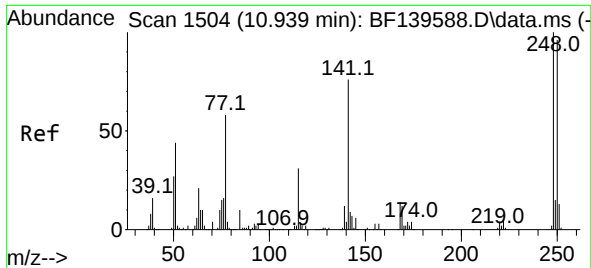
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#66
n-Nitrosodiphenylamine
Concen: 43.496 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:169 Resp: 524896
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 42.571 ng
RT: 10.934 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

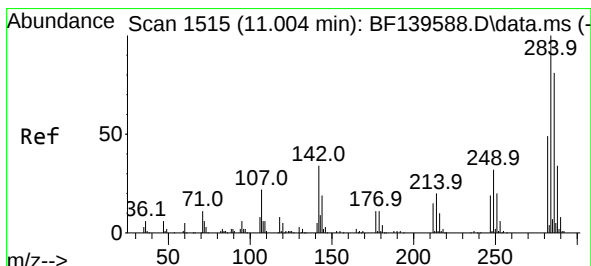
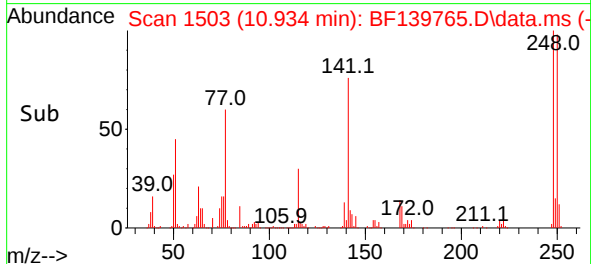
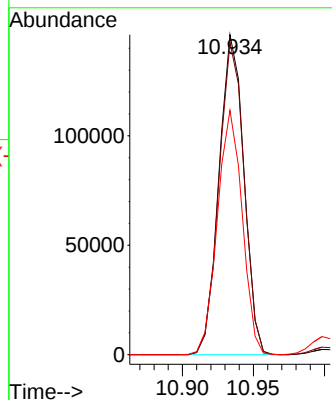
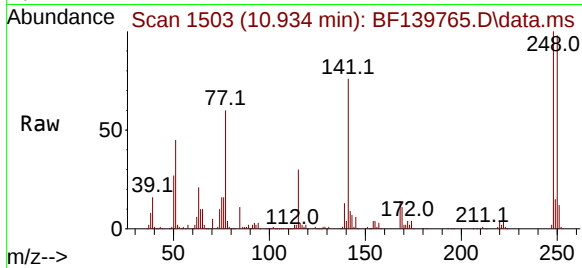
PB164005BS

Tgt Ion:248 Resp: 178698
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 76.3 60.4 90.6

Manual Integrations

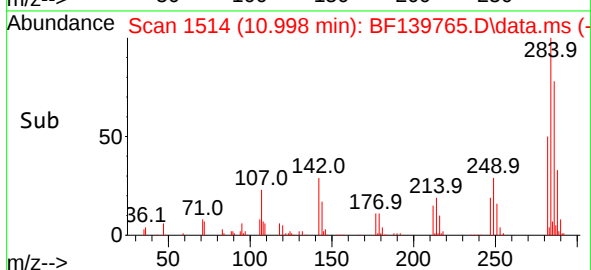
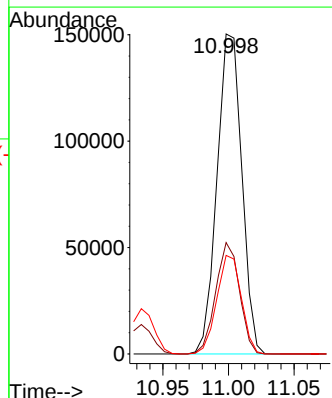
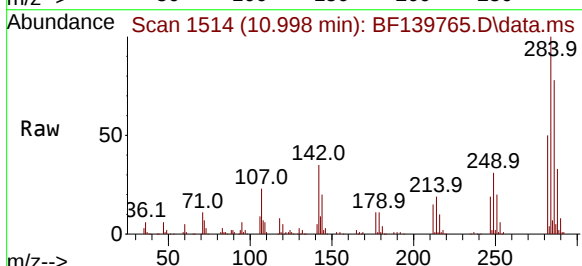
APPROVED

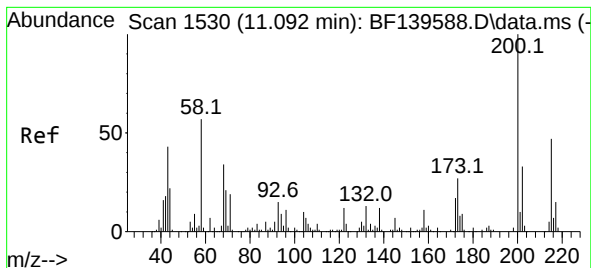
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#68
Hexachlorobenzene
Concen: 42.424 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:284 Resp: 197607
Ion Ratio Lower Upper
284 100
142 34.8 26.9 40.3
249 30.8 25.4 38.0





#69

Atrazine

Concen: 51.408 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

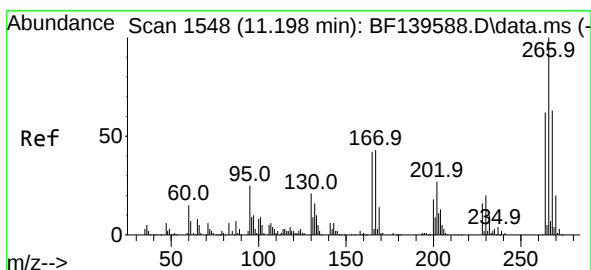
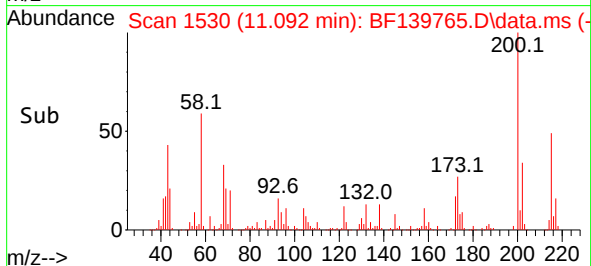
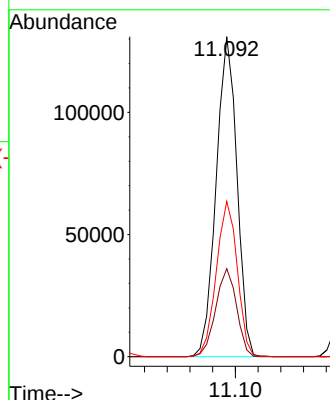
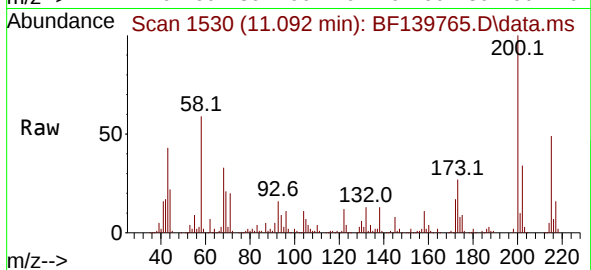
Tgt Ion:200 Resp: 166449

Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.7	46.7
215	48.6	27.5	67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#70

Pentachlorophenol

Concen: 73.464 ng

RT: 11.198 min Scan# 1548

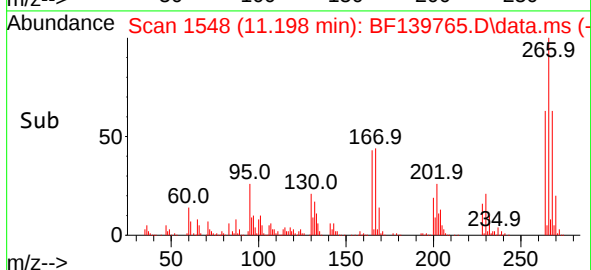
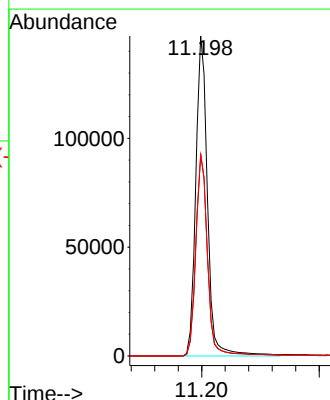
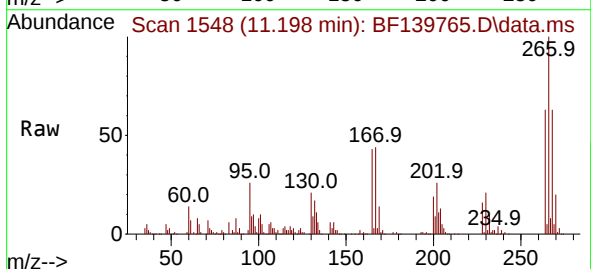
Delta R.T. 0.000 min

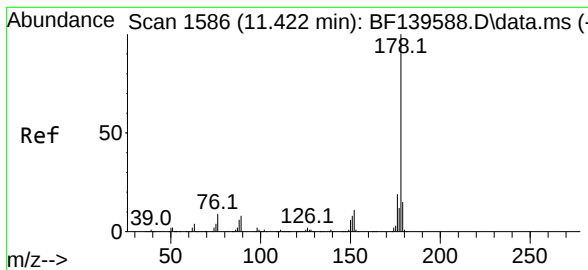
Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Tgt Ion:266 Resp: 203757

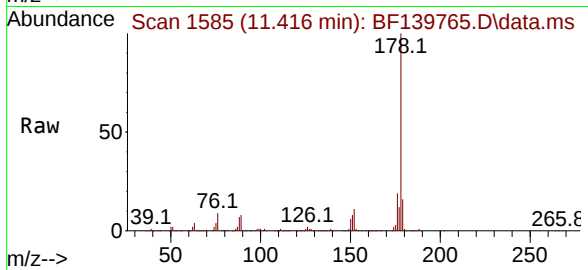
Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.0	75.0
264	63.3	49.3	73.9





#71
Phenanthrene
Concen: 43.196 ng
RT: 11.416 min Scan# 11416
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

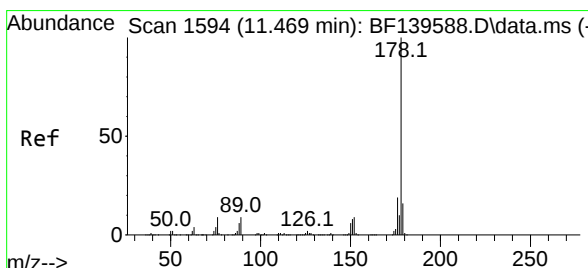
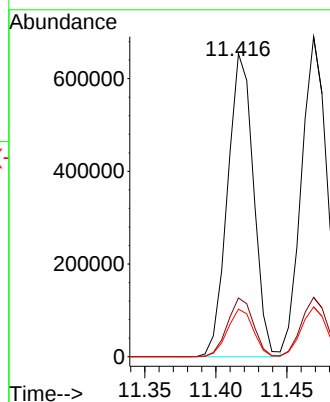
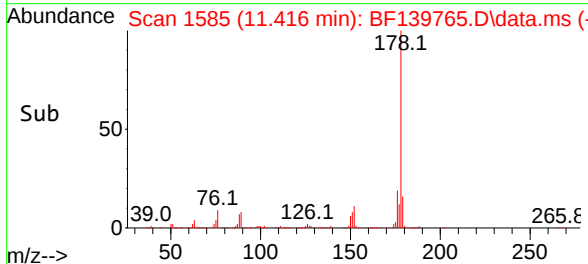
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:178 Resp: 83383
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.3 18.5

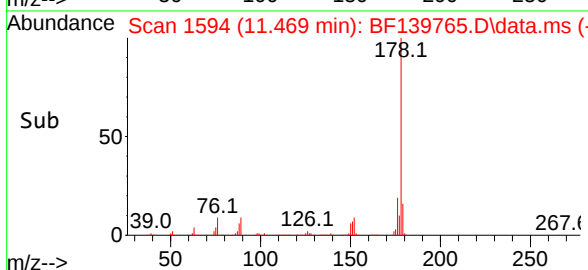
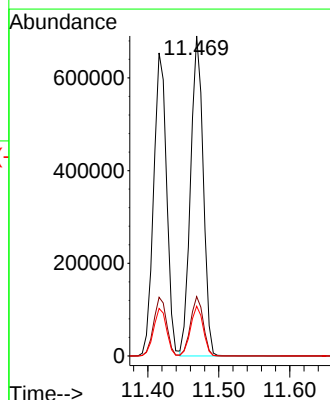
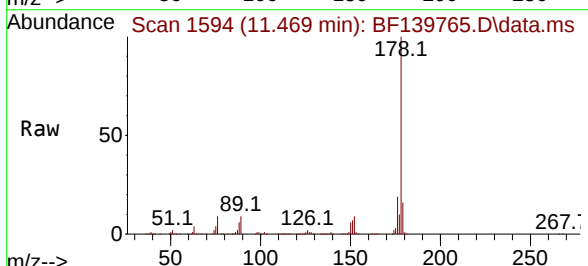
Manual Integrations
APPROVED

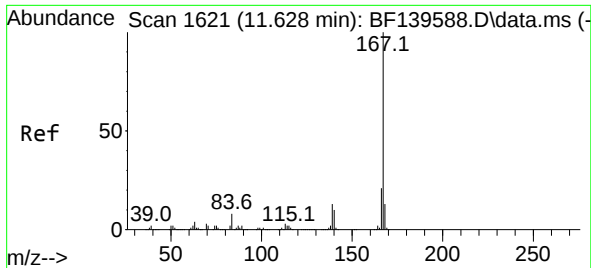
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#72
Anthracene
Concen: 44.719 ng
RT: 11.469 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

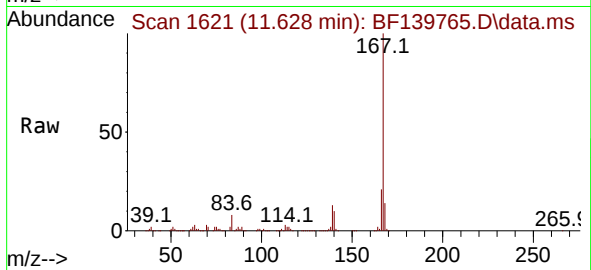
Tgt Ion:178 Resp: 854004
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 41.289 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF139765.D
 Acq: 11 Oct 2024 10:27

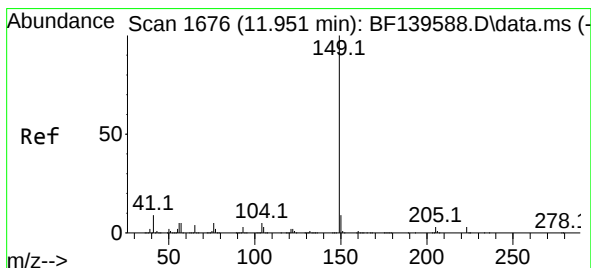
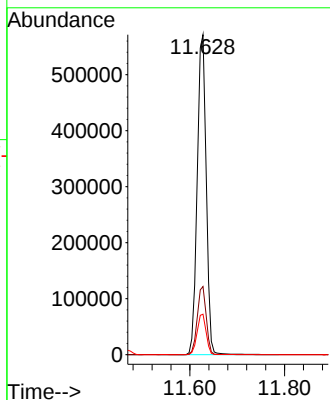
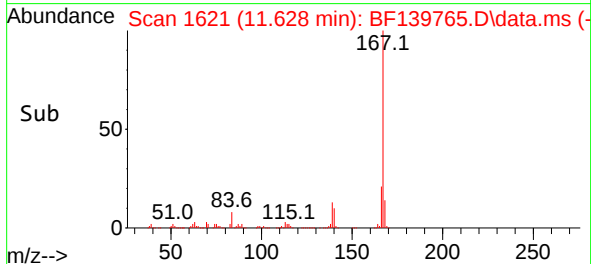
Instrument :
 BNA_F
 ClientSampleId :
 PB164005BS



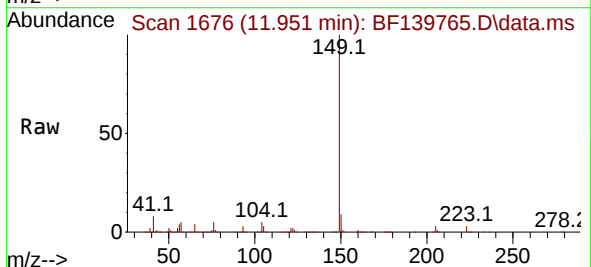
Tgt Ion:167 Resp: 757329
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.6 10.3 15.5

Manual Integrations
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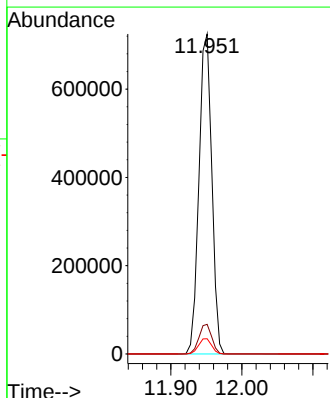
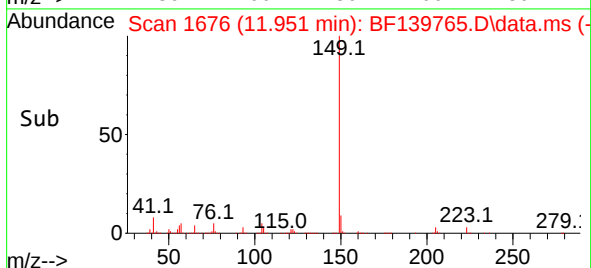
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

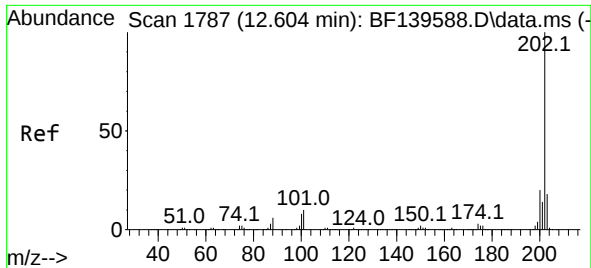


#74
 Di-n-butylphthalate
 Concen: 40.892 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF139765.D
 Acq: 11 Oct 2024 10:27



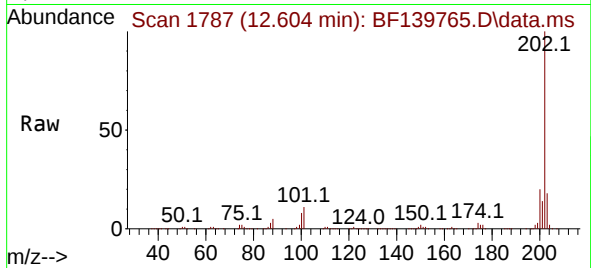
Tgt Ion:149 Resp: 912083
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 39.871 ng
RT: 12.604 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

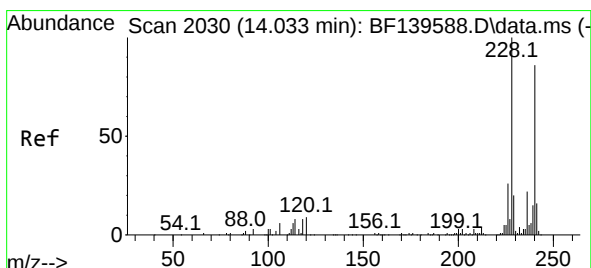
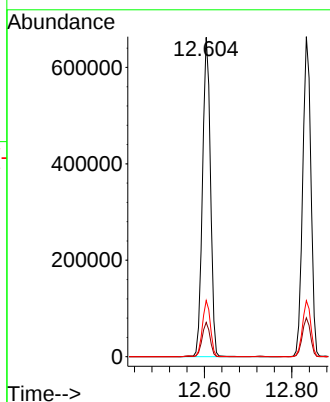
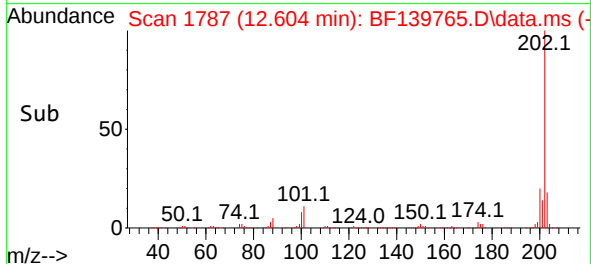
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:202 Resp: 841345
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.2
203 17.6 0.0 37.7

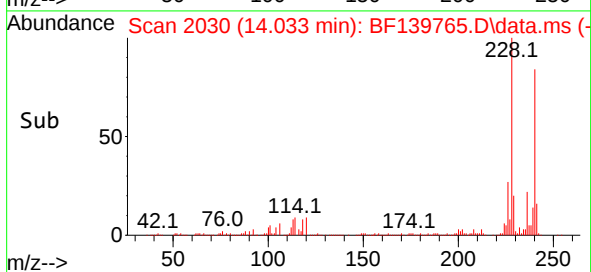
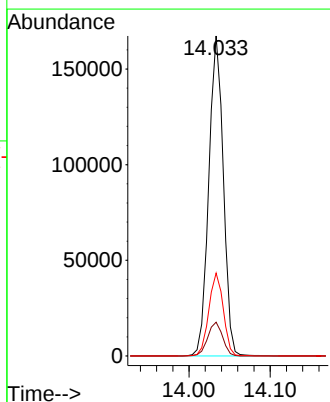
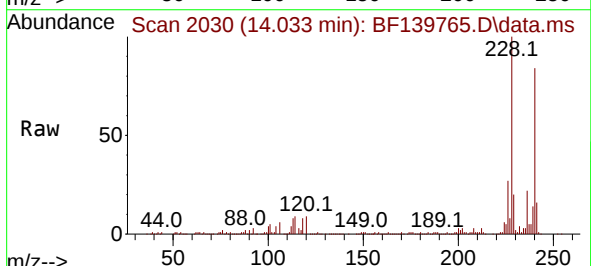
Manual Integrations
APPROVED

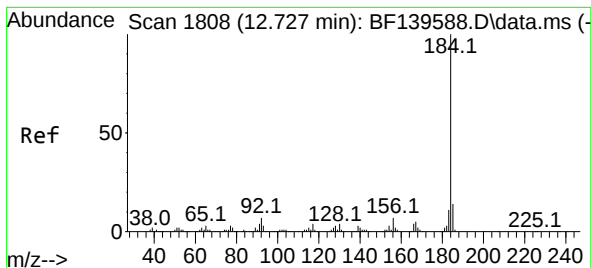
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:240 Resp: 207555
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.9 20.3 30.5





#77

Benzidine

Concen: 70.926 ng

RT: 12.727 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Tgt Ion:184 Resp: 259660

Ion Ratio Lower Upper

184 100

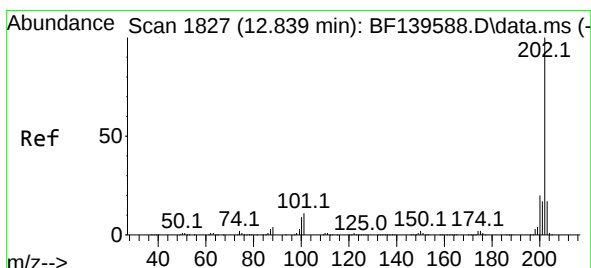
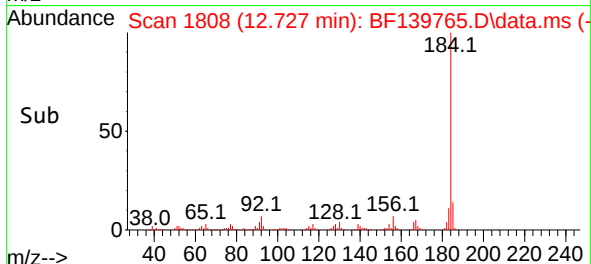
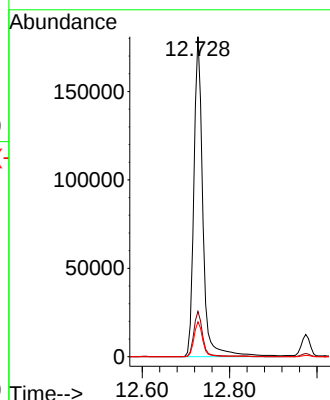
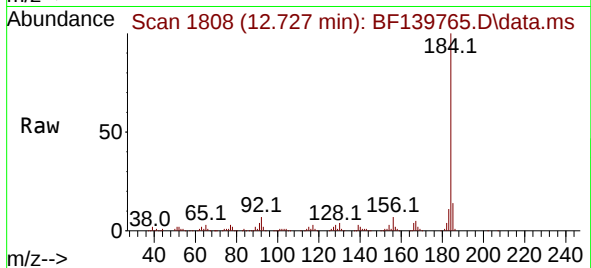
185 14.2 11.4 17.0

183 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#78

Pyrene

Concen: 46.100 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

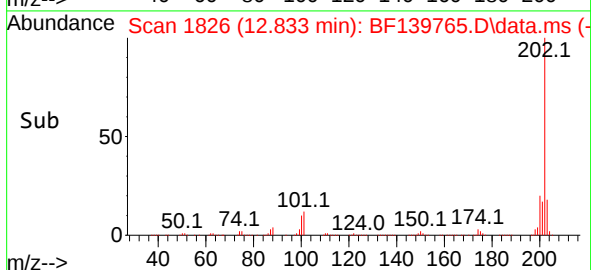
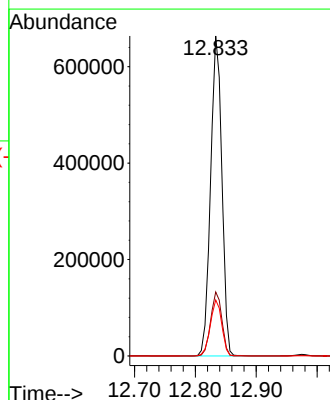
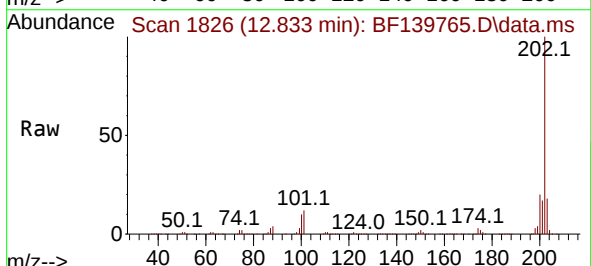
Tgt Ion:202 Resp: 855781

Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.6

203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 92.839 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139765.D

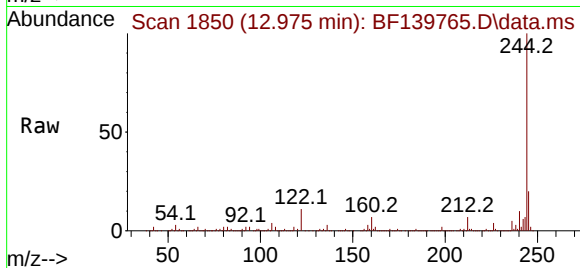
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS



Tgt Ion:244 Resp: 1174354

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

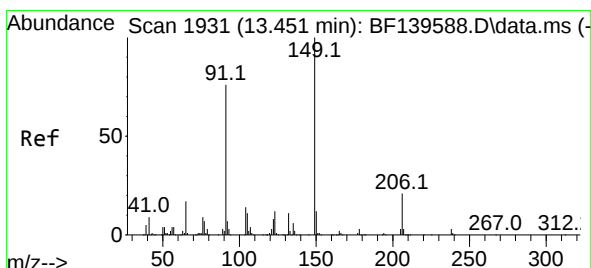
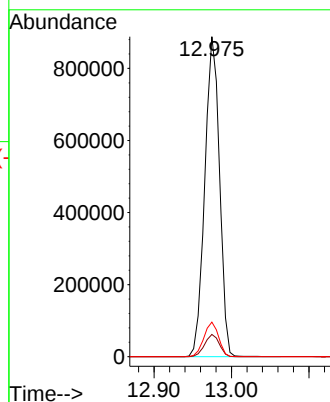
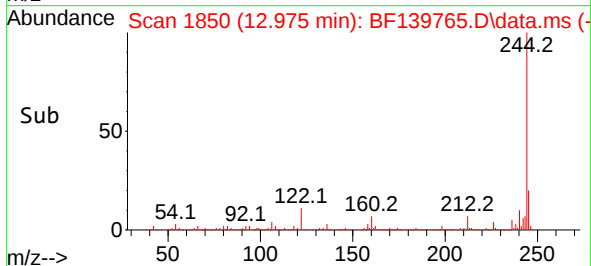
122 10.8 8.6 12.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2024

Supervised By :mohammad ahmed 10/15/2024



#80

Butylbenzylphthalate

Concen: 45.530 ng

RT: 13.451 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

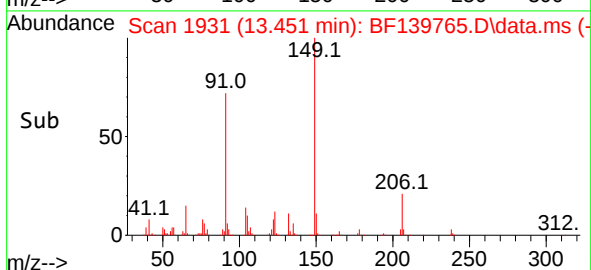
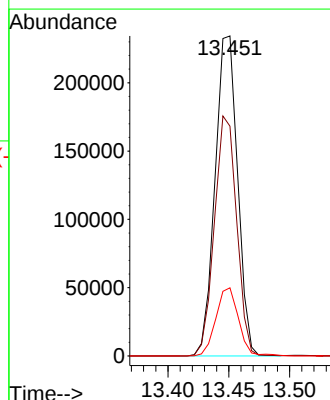
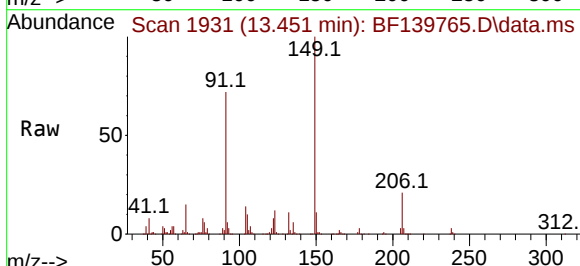
Tgt Ion:149 Resp: 302321

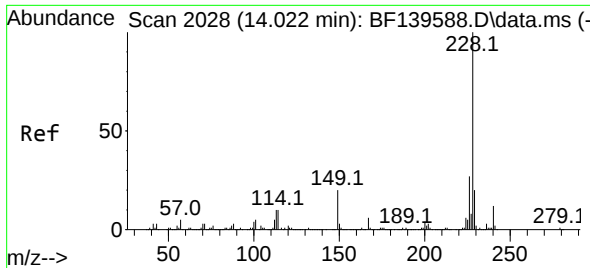
Ion Ratio Lower Upper

149 100

91 71.8 61.0 91.4

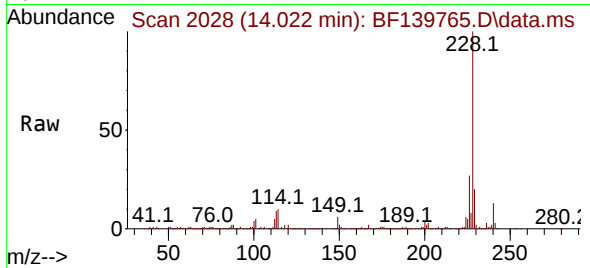
206 21.3 16.6 24.8





#81
Benzo(a)anthracene
Concen: 43.958 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

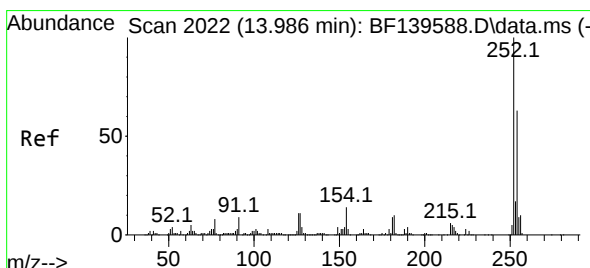
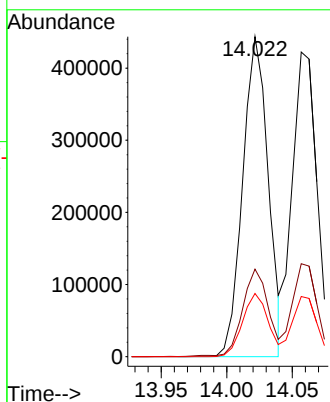
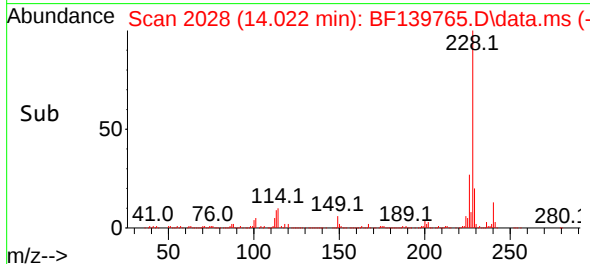
Instrument :
BNA_F
ClientSampleId :
PB164005BS



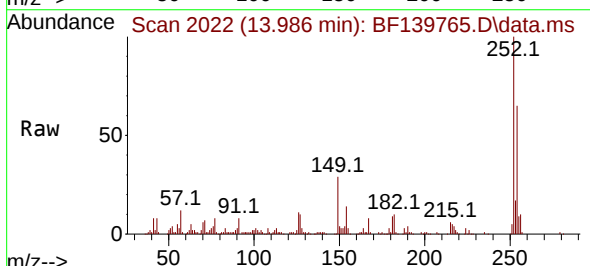
Tgt Ion:228 Resp: 59984
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.8

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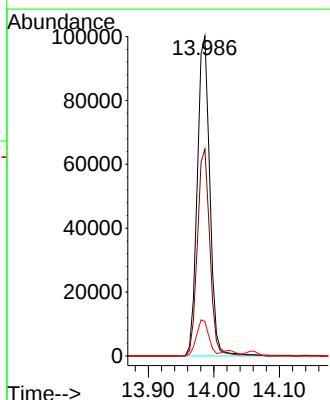
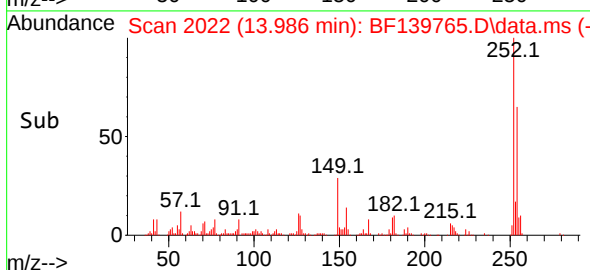
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

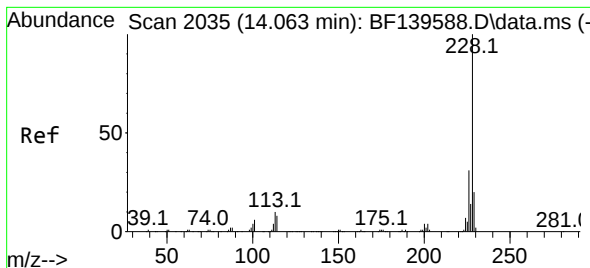


#82
3,3'-Dichlorobenzidine
Concen: 31.942 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion:252 Resp: 133398
Ion Ratio Lower Upper
252 100
254 64.7 50.5 75.7
126 10.7 8.8 13.2





#83

Chrysene

Concen: 44.311 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Tgt Ion:228 Resp: 552820

Ion Ratio Lower Upper

228 100

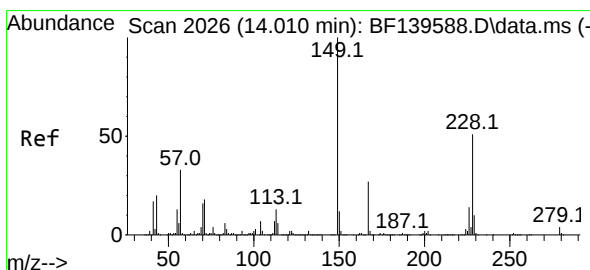
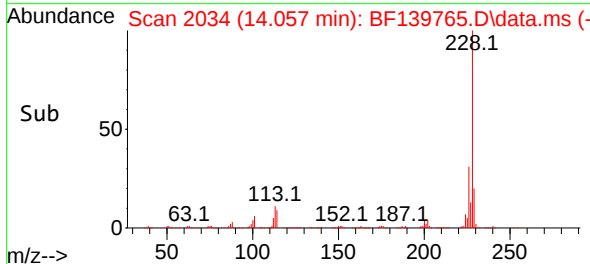
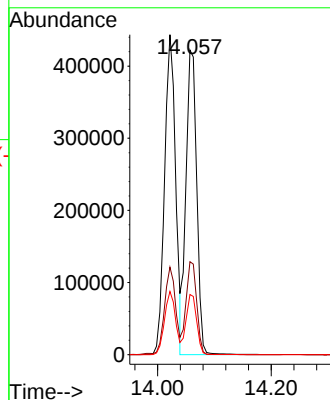
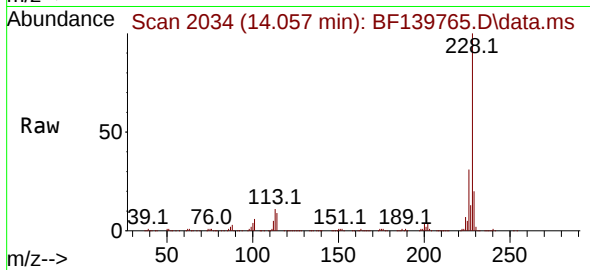
226 30.5 24.3 36.5

229 19.8 15.7 23.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.084 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

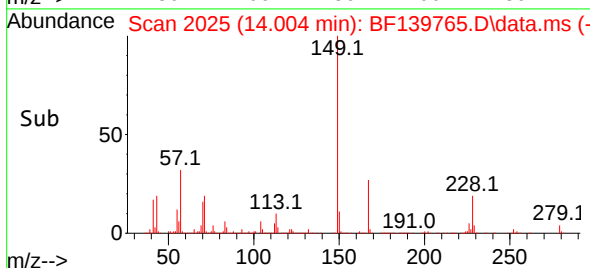
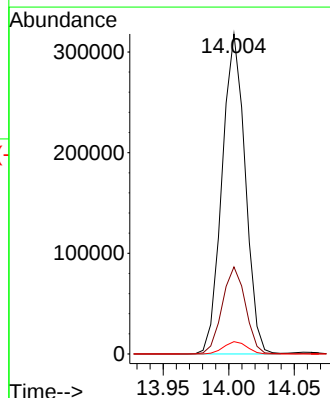
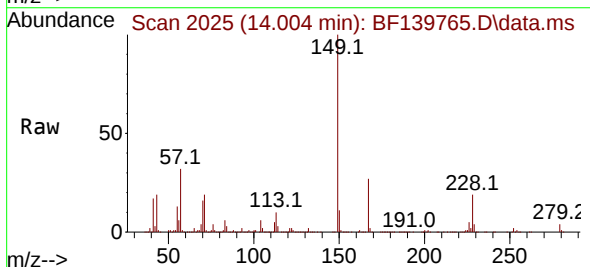
Tgt Ion:149 Resp: 390389

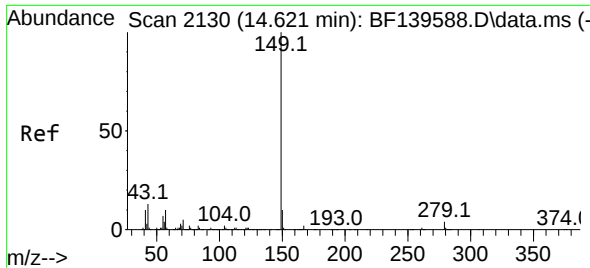
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

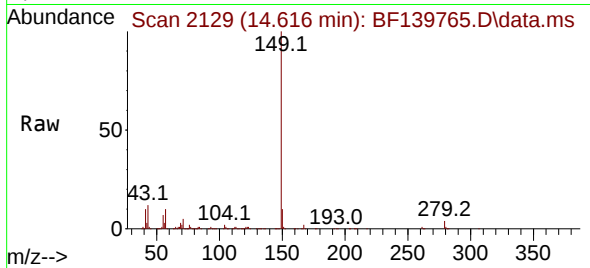
279 3.9 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.295 ng
RT: 14.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

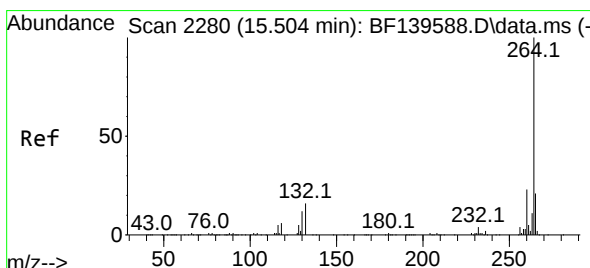
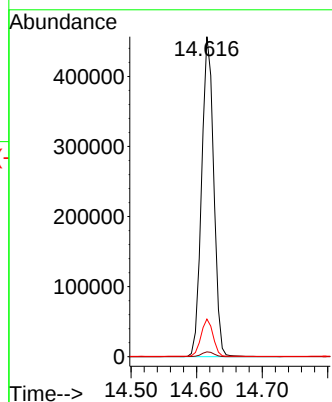
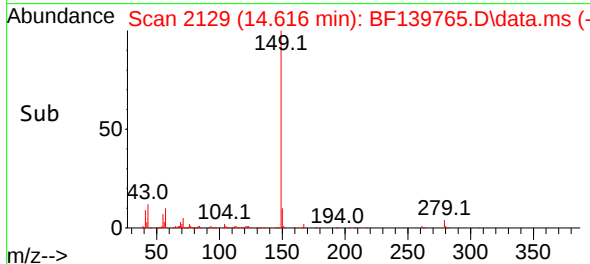
Instrument :
BNA_F
ClientSampleId :
PB164005BS



Tgt Ion:149 Resp: 588284
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.2 15.2

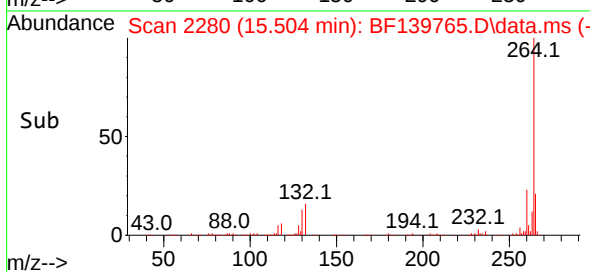
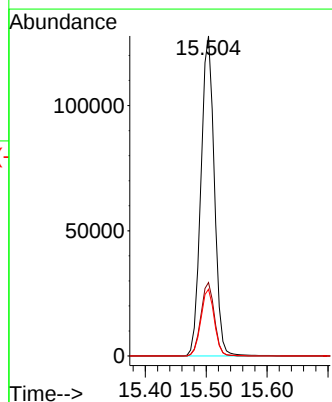
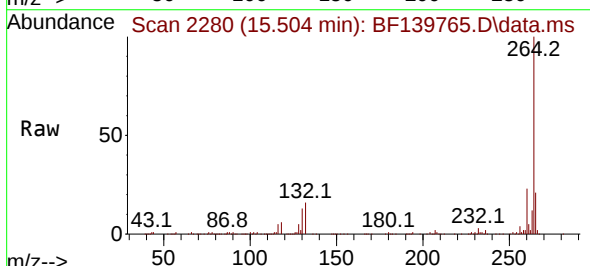
Manual Integrations
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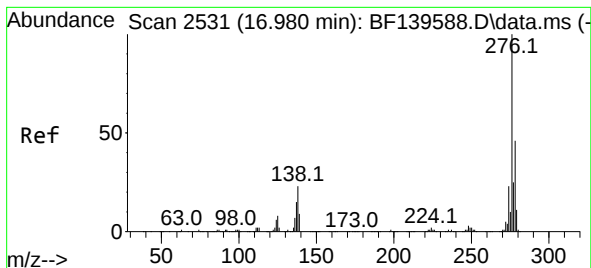
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Tgt Ion:264 Resp: 195633
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 20.9 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.841 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Tgt Ion:276 Resp: 585410

Ion Ratio Lower Upper

276 100

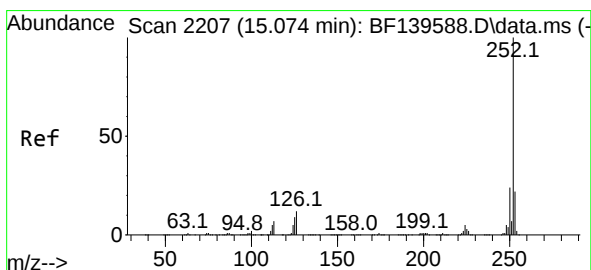
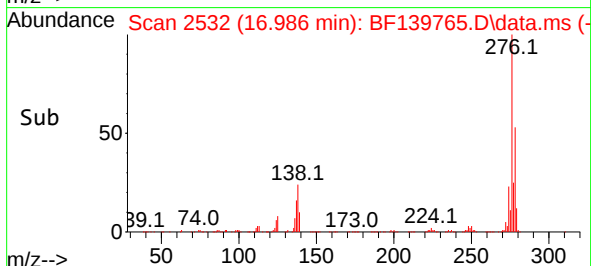
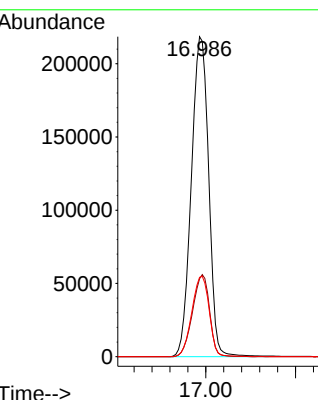
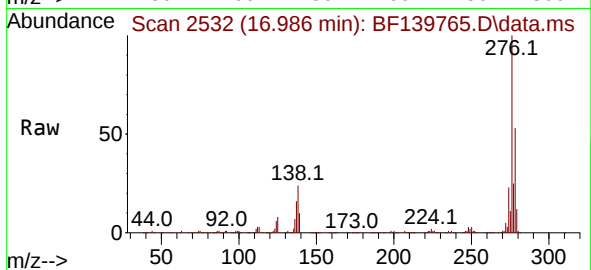
138 25.1 19.4 29.0

277 25.2 20.2 30.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#88

Benzo(b)fluoranthene

Concen: 38.169 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF139765.D

Acq: 11 Oct 2024 10:27

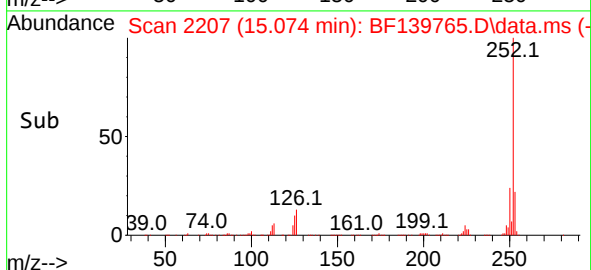
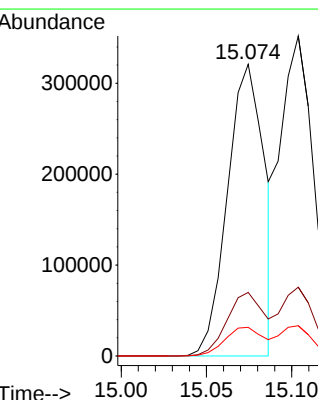
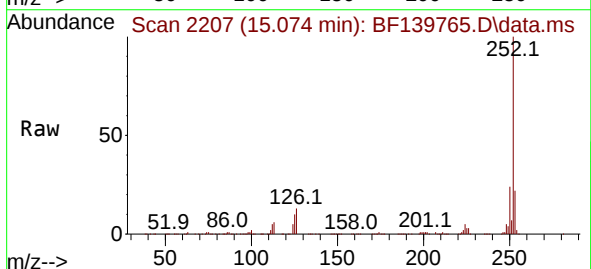
Tgt Ion:252 Resp: 482806

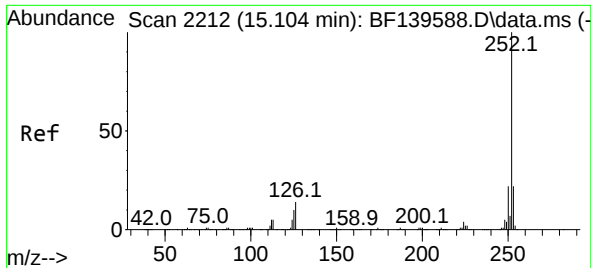
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.8 7.4 11.0





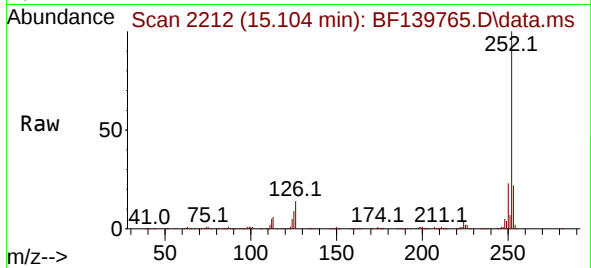
#89
Benzo(k)fluoranthene
Concen: 44.509 ng
RT: 15.104 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

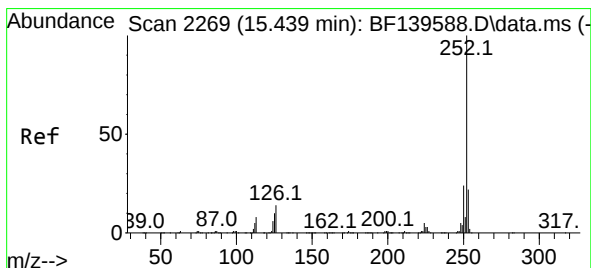
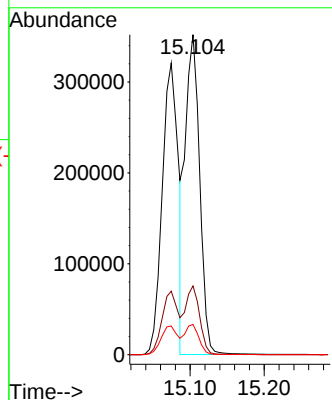
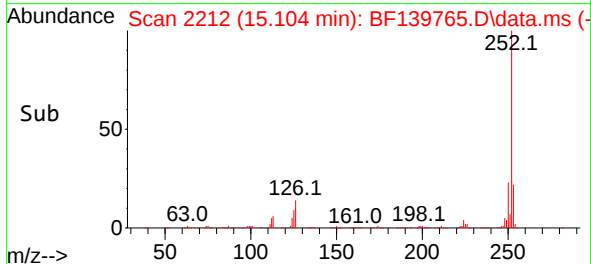


Tgt Ion:252 Resp: 477582
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.5 7.6 11.4

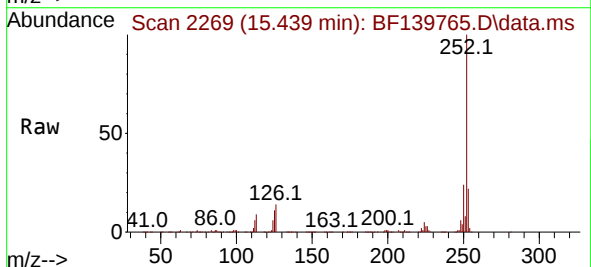
Manual Integrations

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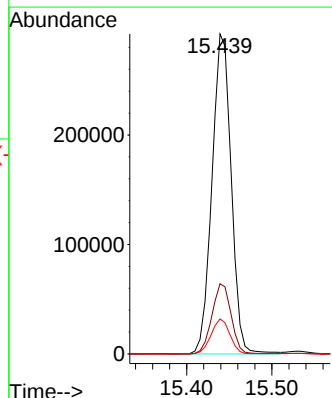
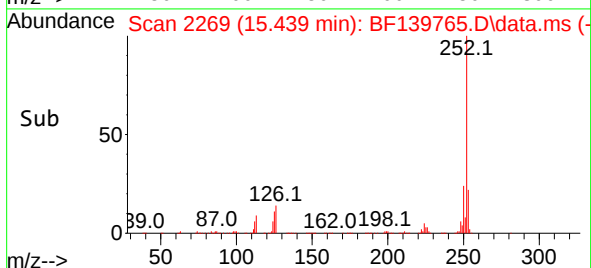
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

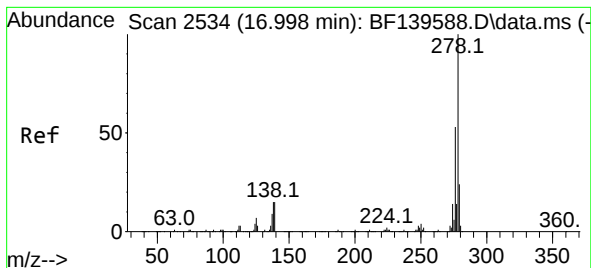


#90
Benzo(a)pyrene
Concen: 46.014 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



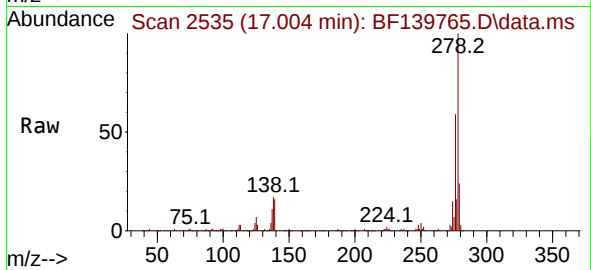
Tgt Ion:252 Resp: 458942
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.0 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 49.927 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27

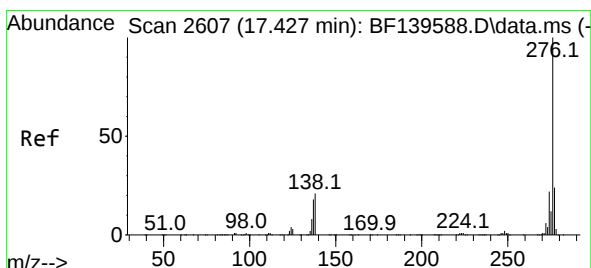
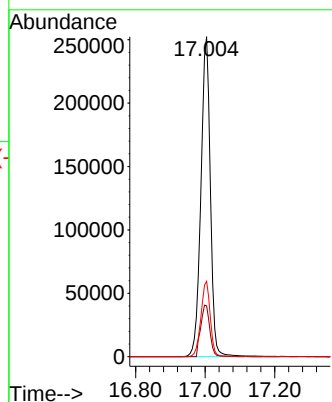
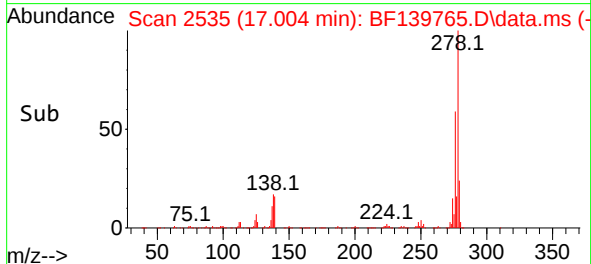
Instrument :
BNA_F
ClientSampleId :
PB164005BS



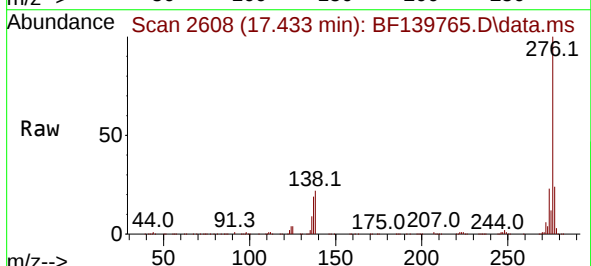
Tgt Ion:278 Resp: 47682
Ion Ratio Lower Upper
278 100
139 15.9 12.2 18.4
279 23.6 19.2 28.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#92
Benzo(g,h,i)perylene
Concen: 47.480 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139765.D
Acq: 11 Oct 2024 10:27



Tgt Ion:276 Resp: 454761
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.9 17.0 25.6

