

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139965.D
 Acq On : 23 Oct 2024 15:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 16:12:41 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	159858	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	611382	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	340124	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	597021	20.000	ng	0.00
76) Chrysene-d12	14.057	240	306092	20.000	ng	0.00
86) Perylene-d12	15.533	264	358871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	788397	77.208	ng	0.00
7) Phenol-d6	6.510	99	1009467	76.328	ng	0.00
23) Nitrobenzene-d5	7.451	82	905794	82.113	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	278197	87.444	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1590284	77.274	ng	0.00
79) Terphenyl-d14	12.998	244	1502801	80.002	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	185845	39.035	ng	95
3) Pyridine	3.434	79	459716	38.955	ng	97
4) n-Nitrosodimethylamine	3.381	42	230654	36.378	ng	95
6) Aniline	6.551	93	475331	38.564	ng	98
8) 2-Chlorophenol	6.675	128	412600	39.524	ng	99
9) Benzaldehyde	6.440	77	300182	40.347	ng	98
10) Phenol	6.528	94	531818m	39.005	ng	
11) bis(2-Chloroethyl)ether	6.628	93	406978	38.618	ng	99
12) 1,3-Dichlorobenzene	6.834	146	472163	39.402	ng	98
13) 1,4-Dichlorobenzene	6.910	146	474523	39.636	ng	99
14) 1,2-Dichlorobenzene	7.063	146	442180	39.574	ng	99
15) Benzyl Alcohol	7.028	79	367781	37.910	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	645310	35.911	ng	97
17) 2-Methylphenol	7.134	107	351315	39.467	ng	99
18) Hexachloroethane	7.404	117	169360	39.670	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	293648	36.609	ng	96
20) 3+4-Methylphenols	7.287	107	443838	38.982	ng	100
22) Acetophenone	7.298	105	571315	38.152	ng	97
24) Nitrobenzene	7.475	77	478277	39.545	ng	97
25) Isophorone	7.710	82	795494	37.995	ng	100
26) 2-Nitrophenol	7.787	139	213698	46.836	ng	95
27) 2,4-Dimethylphenol	7.816	122	292012	38.382	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	485228	38.252	ng	99
29) 2,4-Dichlorophenol	8.022	162	346373	39.971	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	379629	39.591	ng	99
31) Naphthalene	8.198	128	1236297	39.208	ng	100
32) Benzoic acid	7.922	122	295264	44.497	ng	96
33) 4-Chloroaniline	8.239	127	415421	38.637	ng	98
34) Hexachlorobutadiene	8.310	225	243614	40.436	ng	99
35) Caprolactam	8.610	113	112811	40.942	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	376721	39.260	ng	97
37) 2-Methylnaphthalene	8.886	142	755327	39.114	ng	100
38) 1-Methylnaphthalene	8.986	142	735901	38.841	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	367476	40.047	ng	99
41) Hexachlorocyclopentadiene	9.039	237	131046	41.044	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	259164	39.893	ng	99

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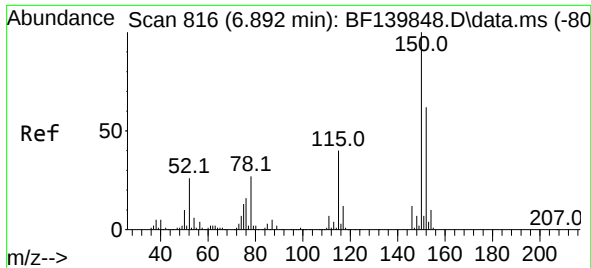
Manual Integrations
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Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/24/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	282398	42.132	ng	97
46) 1,1'-Biphenyl	9.351	154	919167	38.820	ng	99
47) 2-Chloronaphthalene	9.375	162	746122	39.125	ng	100
48) 2-Nitroaniline	9.463	65	251224	43.073	ng	96
49) Acenaphthylene	9.792	152	1080134	39.178	ng	99
50) Dimethylphthalate	9.651	163	833862	39.360	ng	100
51) 2,6-Dinitrotoluene	9.710	165	196730	42.888	ng	94
52) Acenaphthene	9.963	154	714969	40.088	ng	99
53) 3-Nitroaniline	9.875	138	198559	41.975	ng	97
54) 2,4-Dinitrophenol	9.981	184	94482	52.057	ng	# 1
55) Dibenzofuran	10.133	168	991506	38.748	ng	99
56) 4-Nitrophenol	10.022	139	155364	42.690	ng	98
57) 2,4-Dinitrotoluene	10.110	165	257878	45.716	ng	96
58) Fluorene	10.475	166	760625	39.027	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	220241	41.916	ng	96
60) Diethylphthalate	10.345	149	823444	39.586	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	390596	39.685	ng	97
62) 4-Nitroaniline	10.486	138	190350	42.606	ng	97
63) Azobenzene	10.628	77	834020	37.820	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	133203	54.698	ng	94
66) n-Nitrosodiphenylamine	10.586	169	696657	38.988	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	251419	40.878	ng	98
68) Hexachlorobenzene	11.022	284	279424	40.396	ng	99
69) Atrazine	11.110	200	198207	40.949	ng	99
70) Pentachlorophenol	11.216	266	187195	44.591	ng	99
71) Phenanthrene	11.439	178	1098645	38.958	ng	99
72) Anthracene	11.492	178	1067309	38.790	ng	100
73) Carbazole	11.645	167	973648	38.049	ng	99
74) Di-n-butylphthalate	11.975	149	1141943	38.625	ng	100
75) Fluoranthene	12.627	202	1066456	37.408	ng	99
77) Benzidine	12.745	184	315575	62.699	ng	100
78) Pyrene	12.857	202	1059713	39.552	ng	100
80) Butylbenzylphthalate	13.474	149	330514	41.146	ng	99
81) Benzo(a)anthracene	14.045	228	791290	39.712	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	273674	47.107	ng	99
83) Chrysene	14.080	228	708425	38.777	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	407600	45.227	ng	100
85) Di-n-octyl phthalate	14.645	149	733157	44.726	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	918984	39.805	ng	98
88) Benzo(b)fluoranthene	15.098	252	777166	35.551	ng	100
89) Benzo(k)fluoranthene	15.127	252	752337	39.905	ng	99
90) Benzo(a)pyrene	15.468	252	702054	39.029	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	760841	39.504	ng	98
92) Benzo(g,h,i)perylene	17.480	276	756017	39.298	ng	100

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



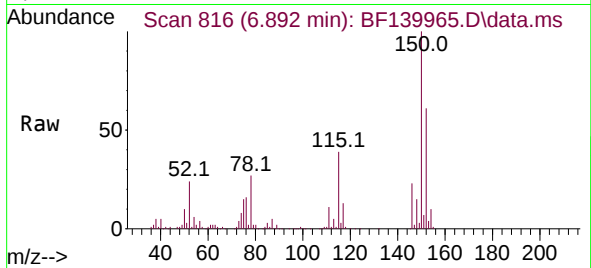
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

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BNA_F

ClientSampleId :

SSTDCCC040

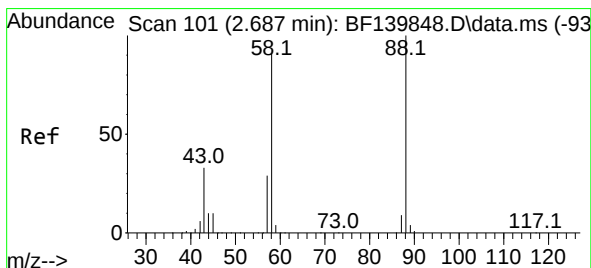
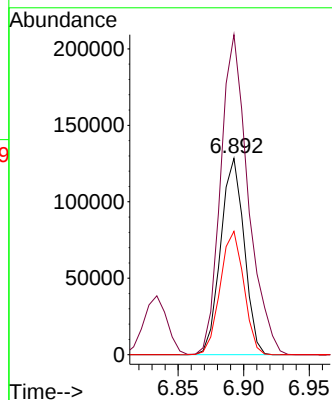
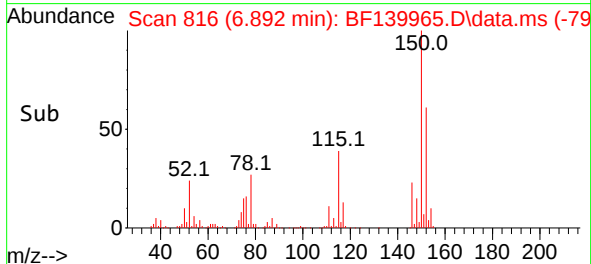


Tgt Ion:152 Resp: 15985
Ion Ratio Lower Upper
152 100
150 163.0 130.2 195.2
115 62.9 51.4 77.2

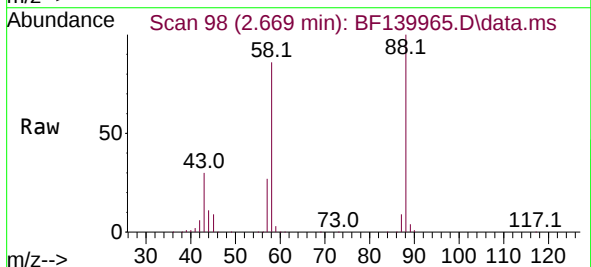
Manual Integrations

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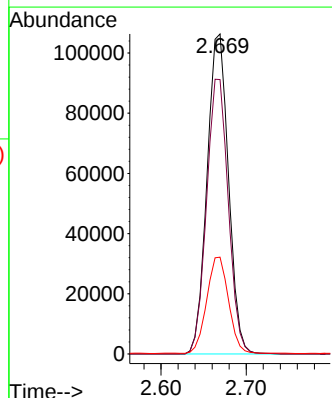
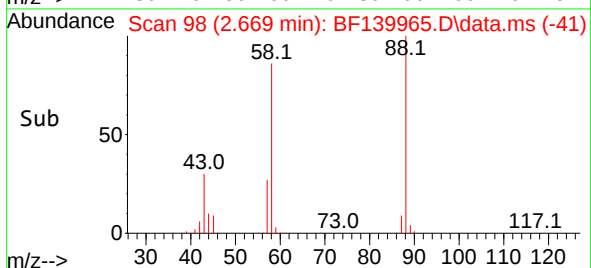
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#2
1,4-Dioxane
Concen: 39.035 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.018 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion: 88 Resp: 185845
Ion Ratio Lower Upper
88 100
58 87.2 73.3 109.9
43 30.5 27.1 40.7





#3

Pyridine

Concen: 38.955 ng

RT: 3.434 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 459710

Ion Ratio Lower Upper

79 100

52 81.5 68.5 102.7

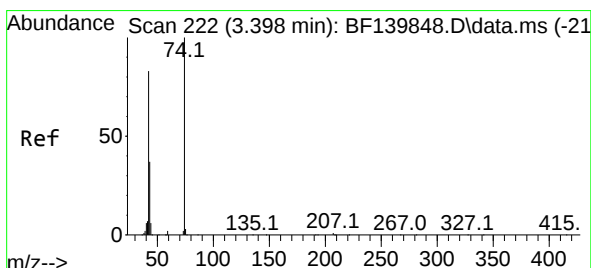
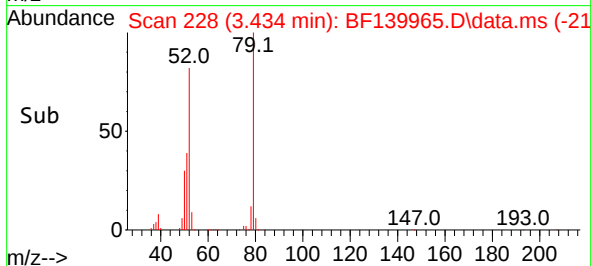
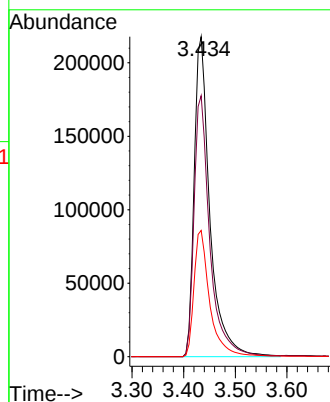
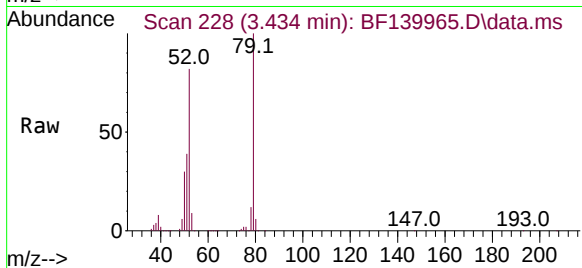
51 39.4 32.3 48.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#4

n-Nitrosodimethylamine

Concen: 36.378 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.018 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

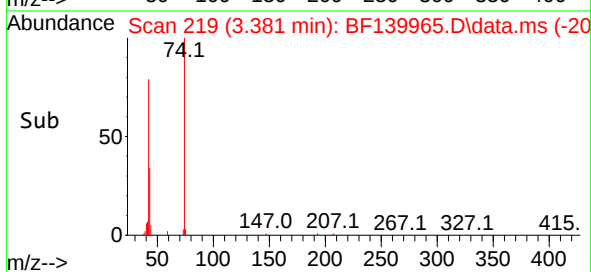
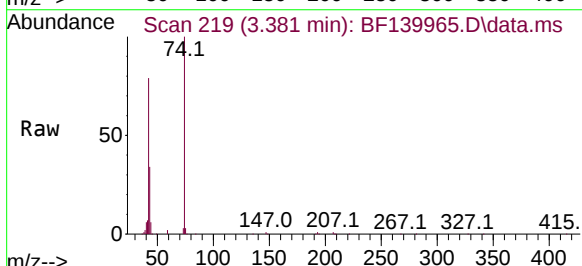
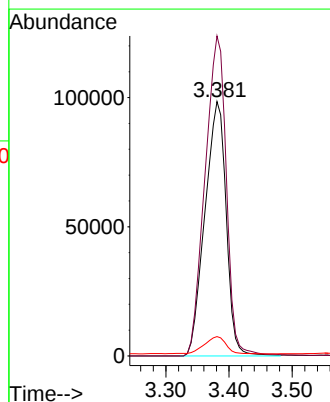
Tgt Ion: 42 Resp: 230654

Ion Ratio Lower Upper

42 100

74 125.8 96.2 144.4

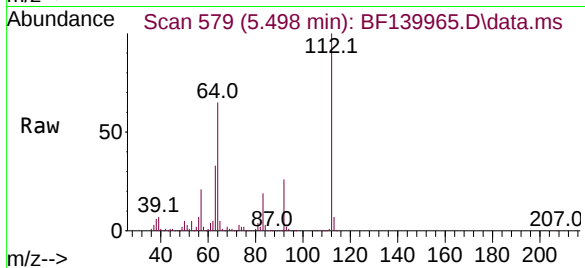
44 7.6 6.2 9.2





#5
2-Fluorophenol
Concen: 77.208 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

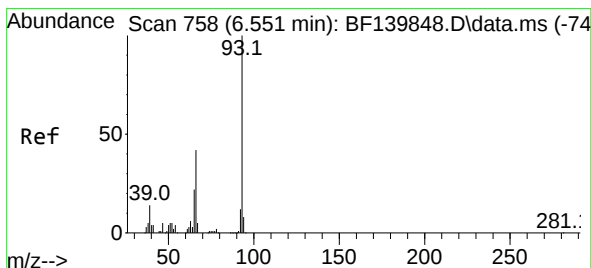
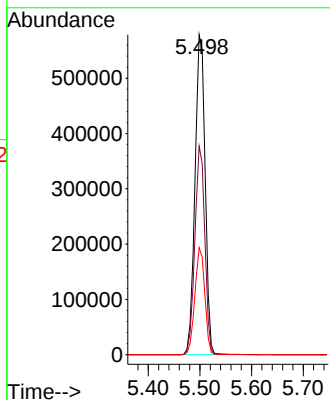
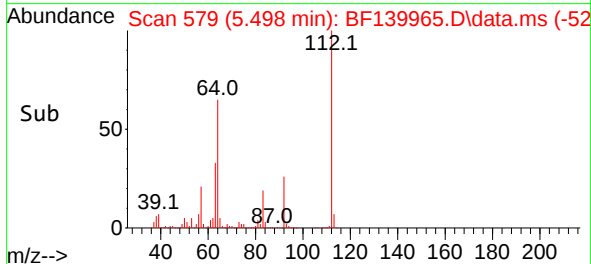
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 78839
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 33.5 27.0 40.4

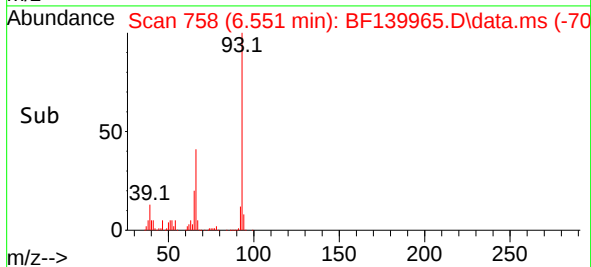
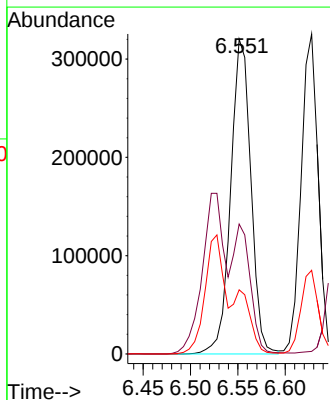
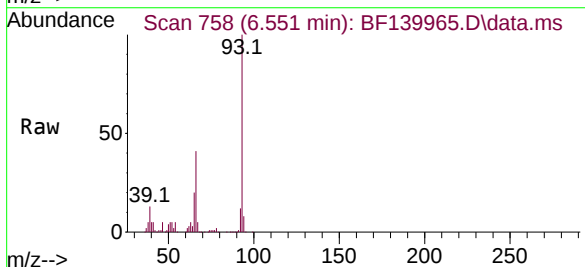
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#6
Aniline
Concen: 38.564 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

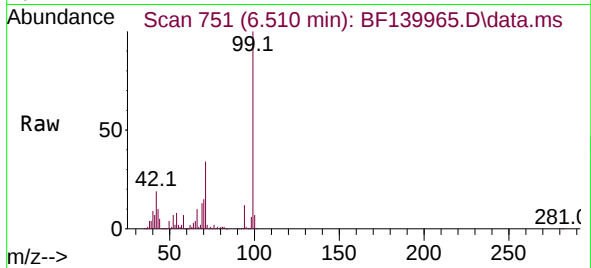
Tgt Ion: 93 Resp: 475331
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 20.4 17.4 26.0





#7
Phenol-d6
Concen: 76.328 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

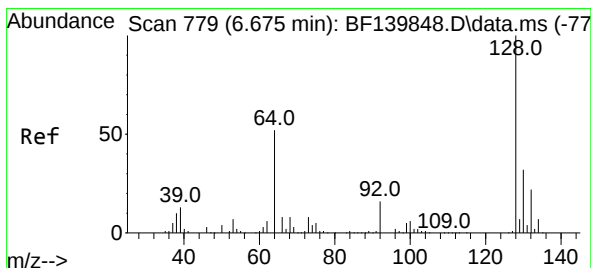
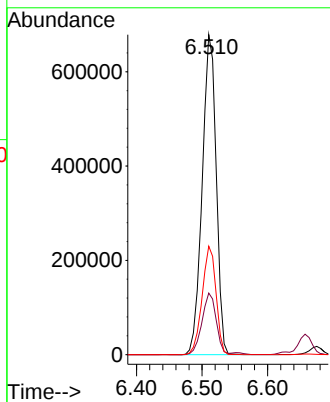
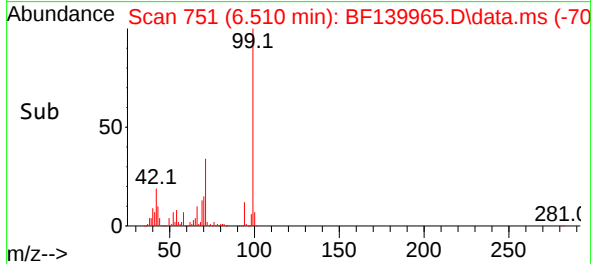
Instrument :
BNA_F
ClientSampleId :
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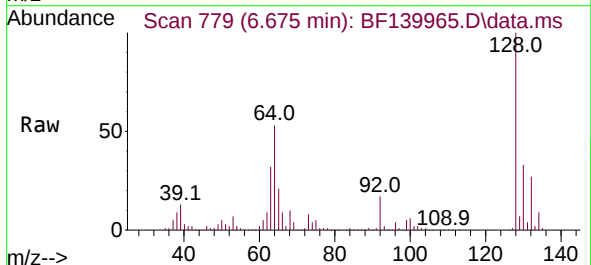
Tgt Ion: 99 Resp: 100946
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 33.9 27.7 41.5

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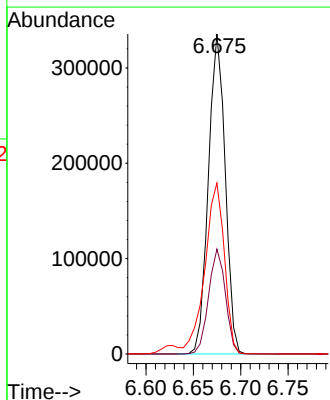
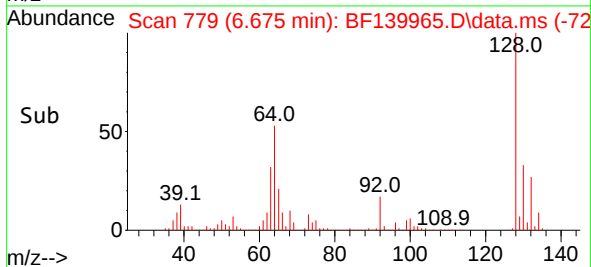
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#8
2-Chlorophenol
Concen: 39.524 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:128 Resp: 412600
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 53.4 34.6 74.6





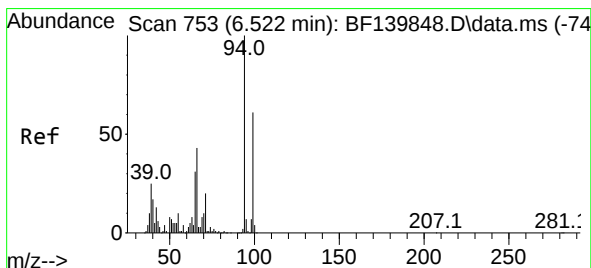
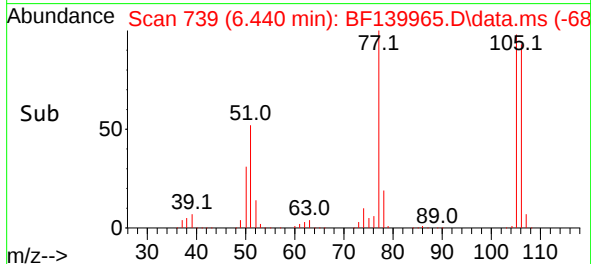
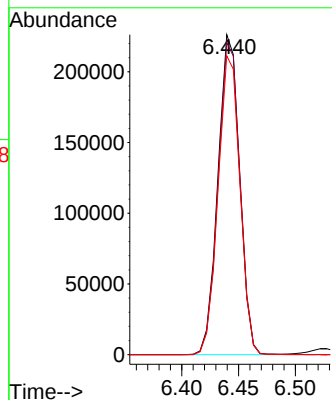
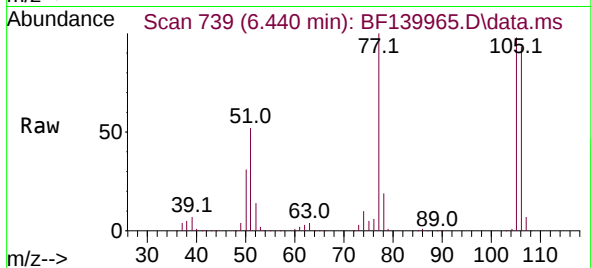
#9
Benzaldehyde
Concen: 40.347 ng
RT: 6.440 min Scan# 710
Delta R.T. 0.001 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 30018
Ion Ratio Lower Upper
77 100
105 97.5 75.5 115.5
106 93.4 71.7 111.7

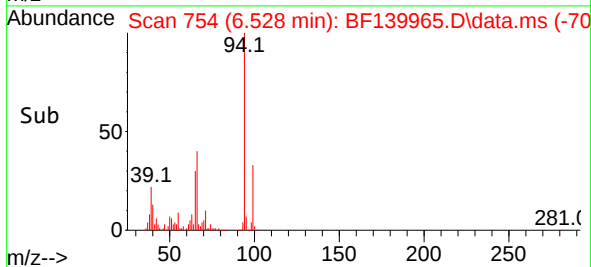
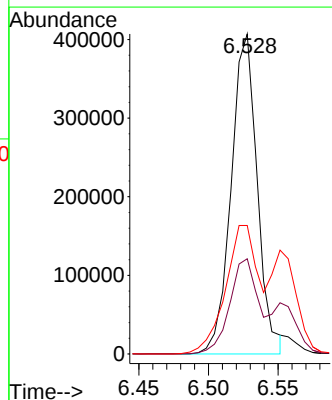
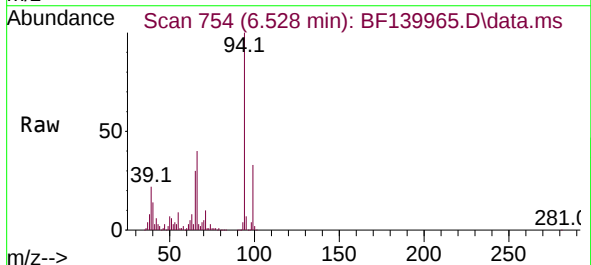
Manual Integrations
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Supervised By :mohammad ahmed 10/24/2024



#10
Phenol
Concen: 39.005 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 94 Resp: 531818
Ion Ratio Lower Upper
94 100
65 29.8 11.1 51.1
66 40.1 22.7 62.7





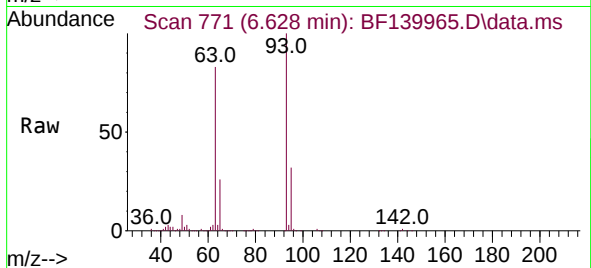
#11
bis(2-Chloroethyl)ether
Concen: 38.618 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

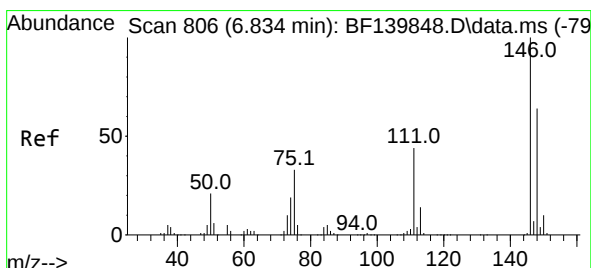
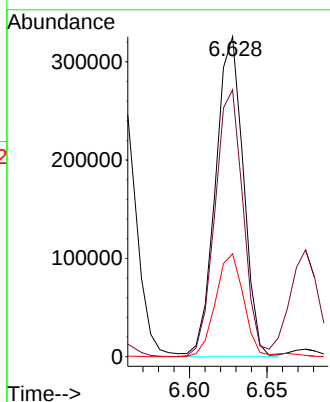
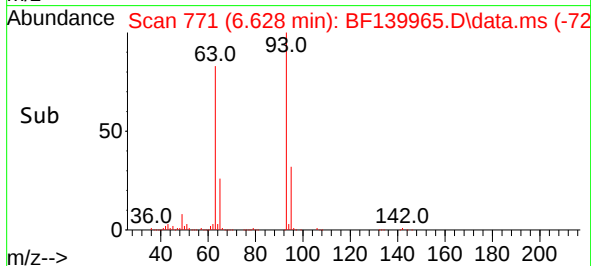
SSTDCCC040



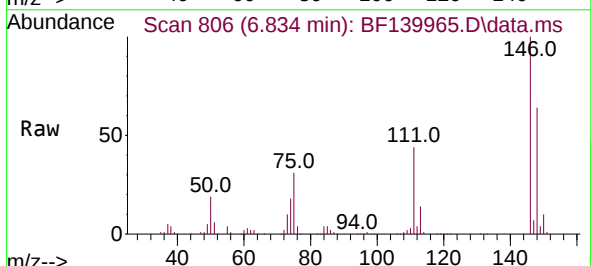
Tgt Ion: 93 Resp: 406978
Ion Ratio Lower Upper
93 100
63 83.4 65.0 105.0
95 32.2 12.4 52.4

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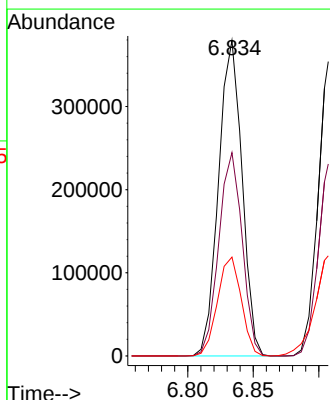
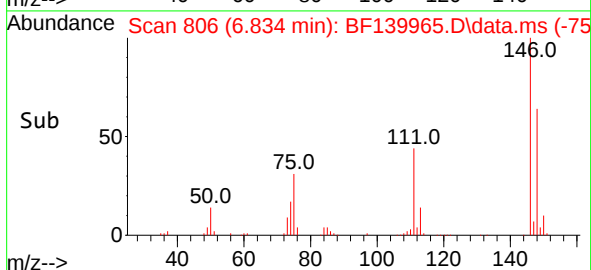
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#12
1,3-Dichlorobenzene
Concen: 39.402 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:146 Resp: 472163
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 31.3 26.4 39.6





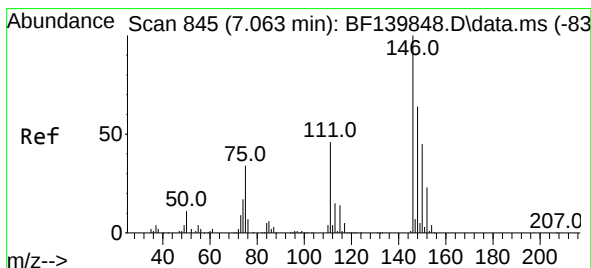
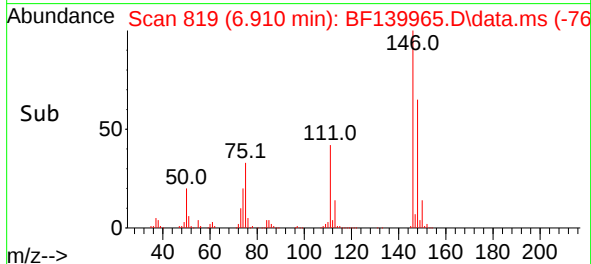
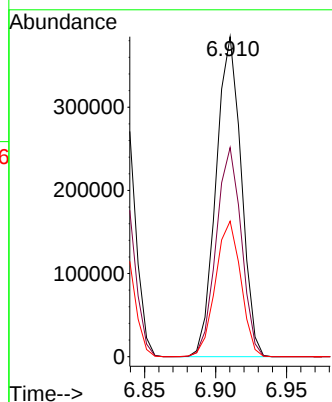
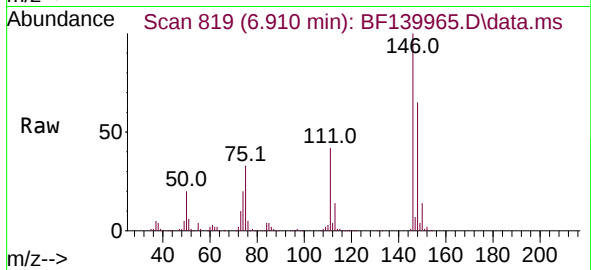
#13
1,4-Dichlorobenzene
Concen: 39.636 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 47452
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
111 42.4 34.6 51.8

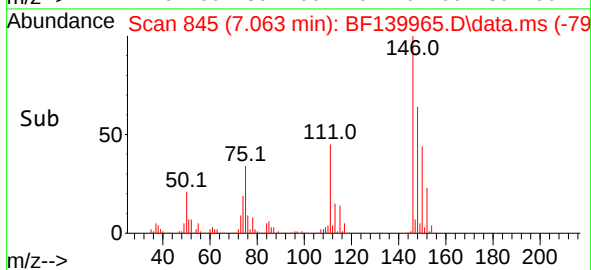
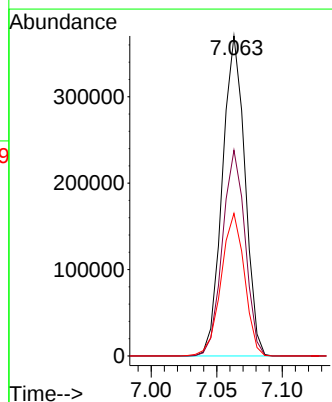
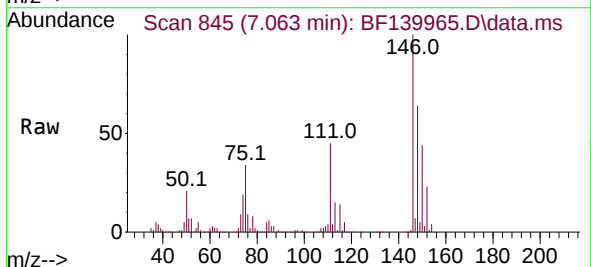
Manual Integrations
APPROVED

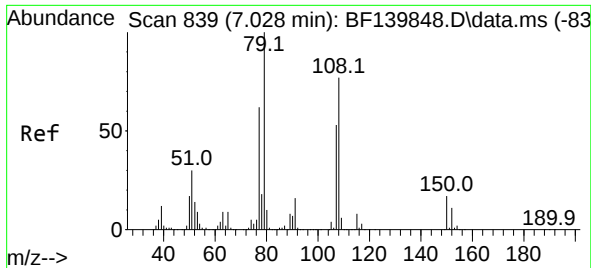
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#14
1,2-Dichlorobenzene
Concen: 39.574 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

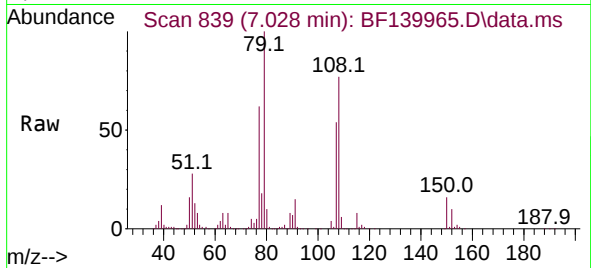
Tgt Ion:146 Resp: 442180
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 44.6 36.7 55.1





#15
Benzyl Alcohol
Concen: 37.910 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

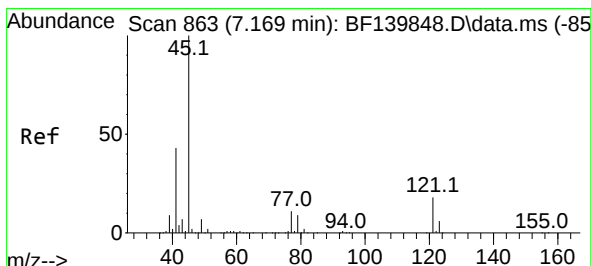
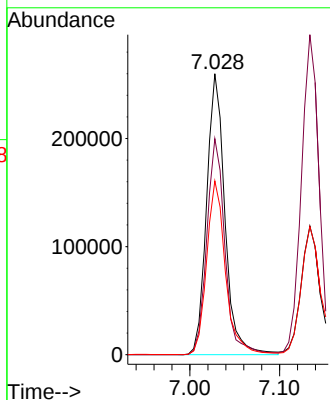
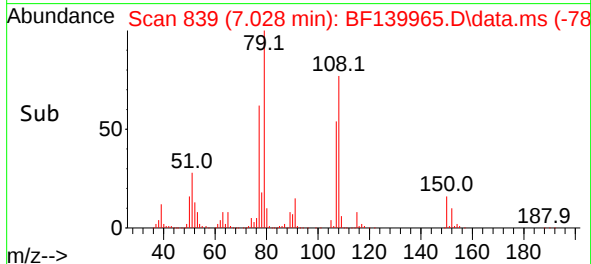
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



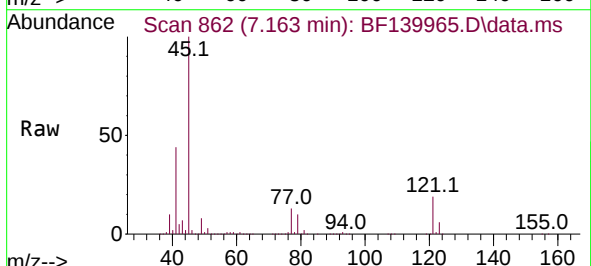
Tgt Ion: 79 Resp: 36778
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.0
77 61.9 49.9 74.9

Manual Integrations
APPROVED

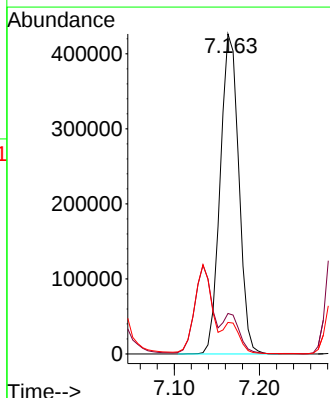
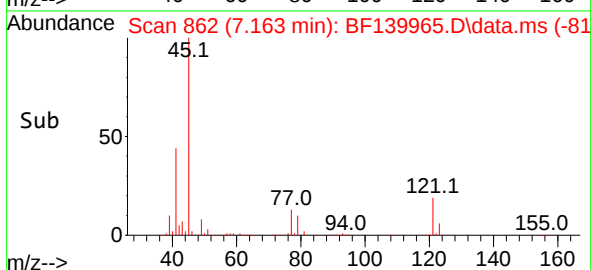
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.911 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion: 45 Resp: 645310
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.8 0.0 29.1





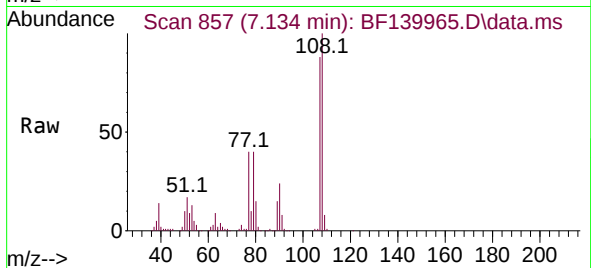
#17
2-Methylphenol
Concen: 39.467 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

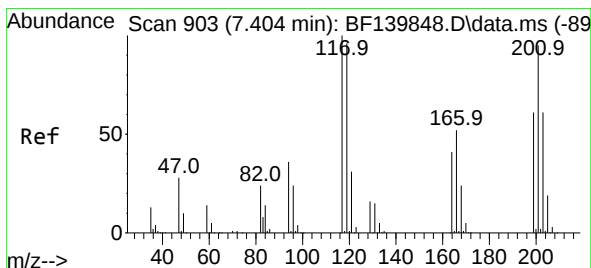
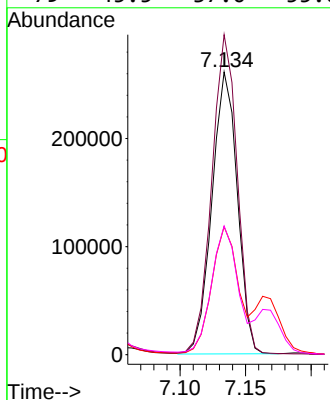
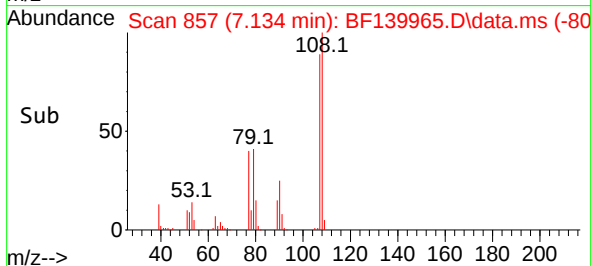


Tgt Ion:107 Resp: 35131
Ion Ratio Lower Upper
107 100
108 113.2 91.3 136.9
77 45.3 37.1 55.7
79 45.5 37.0 55.6

Manual Integrations

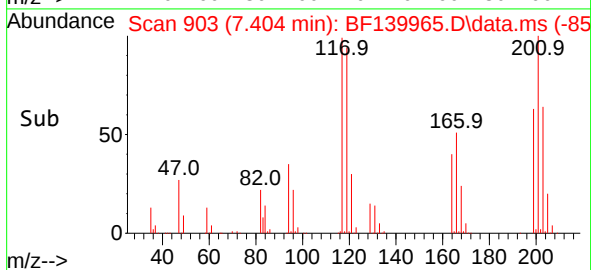
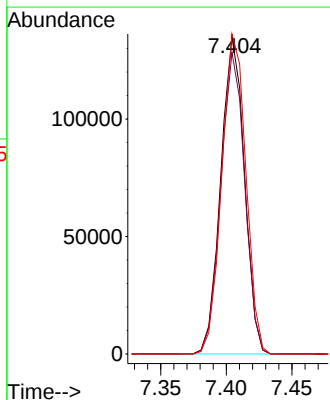
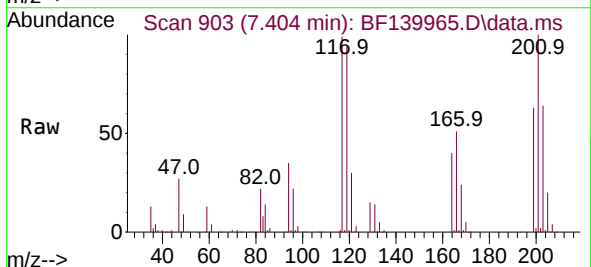
APPROVED

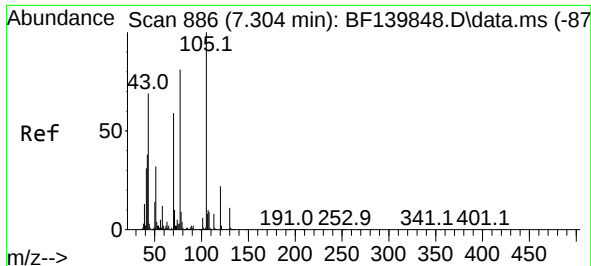
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#18
Hexachloroethane
Concen: 39.670 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:117 Resp: 169360
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4
201 100.8 76.2 114.4





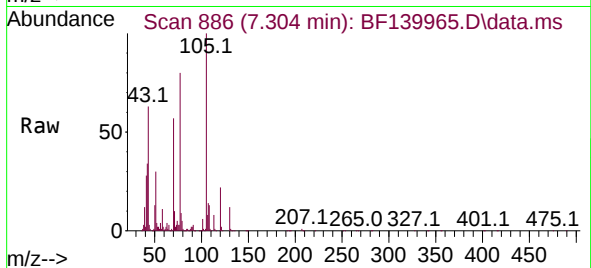
#19
n-Nitroso-di-n-propylamine
Concen: 36.609 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



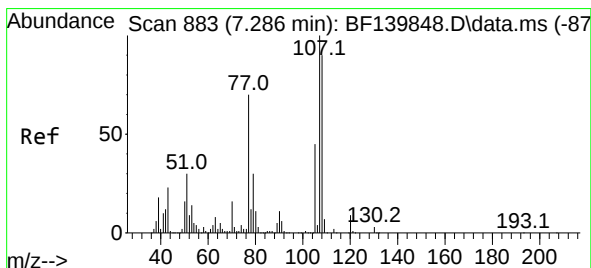
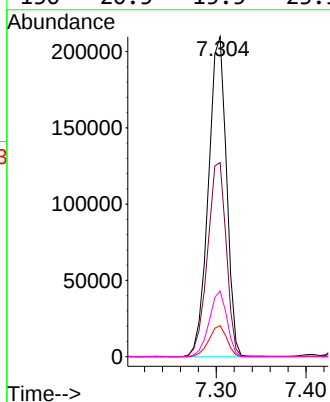
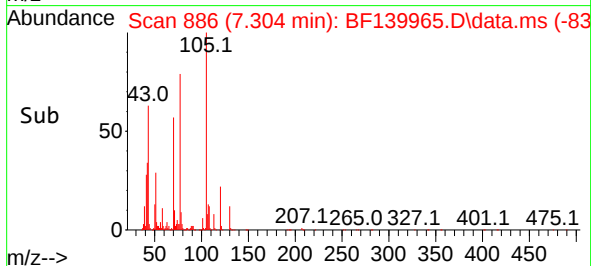
Tgt Ion: 70 Resp: 293648
Ion Ratio Lower Upper
70 100
42 60.6 51.5 77.3
101 9.7 7.5 11.3
130 20.5 15.5 23.3

Manual Integrations

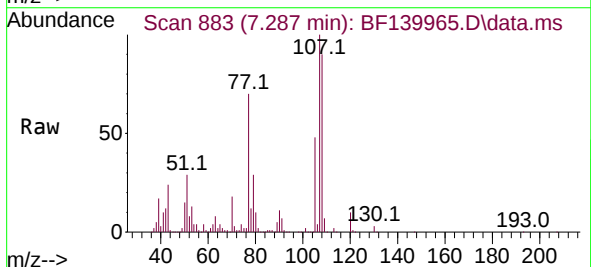
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

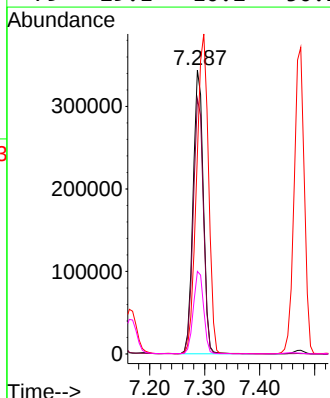
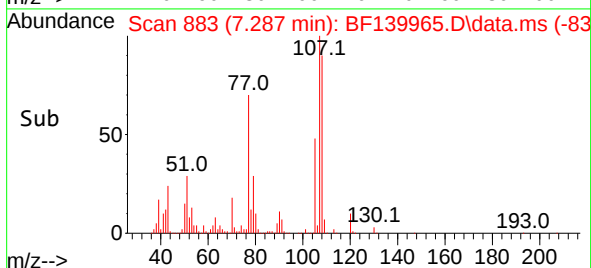
Supervised By :mohammad ahmed 10/24/2024

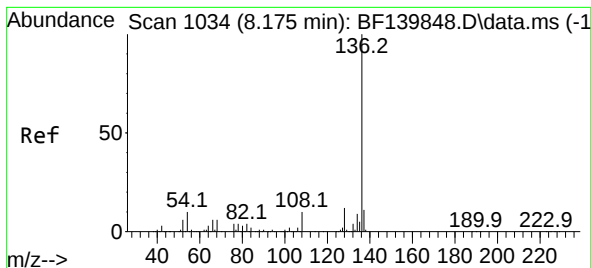


#20
3+4-Methylphenols
Concen: 38.982 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:107 Resp: 443838
Ion Ratio Lower Upper
107 100
108 89.9 69.8 109.8
77 70.4 50.5 90.5
79 29.1 10.2 50.2





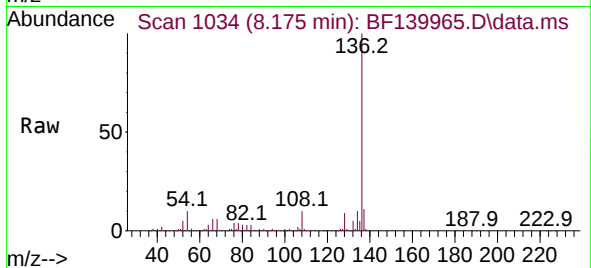
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



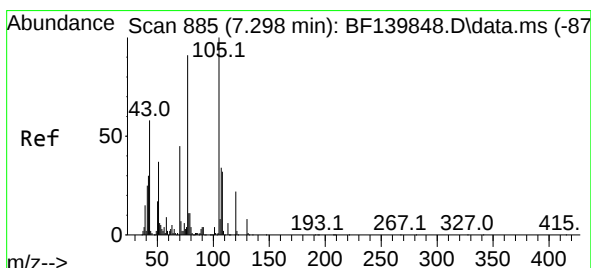
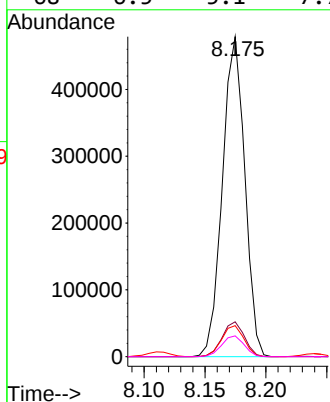
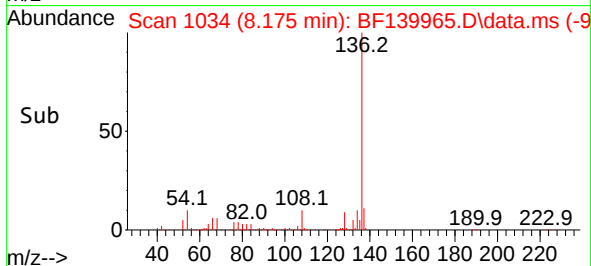
Tgt Ion:136 Resp: 61138
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.5 5.1 7.7

Manual Integrations

APPROVED

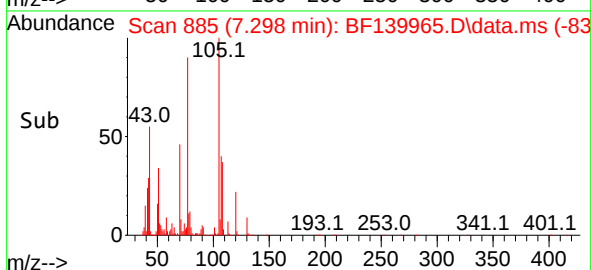
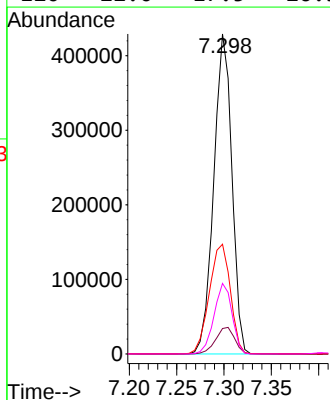
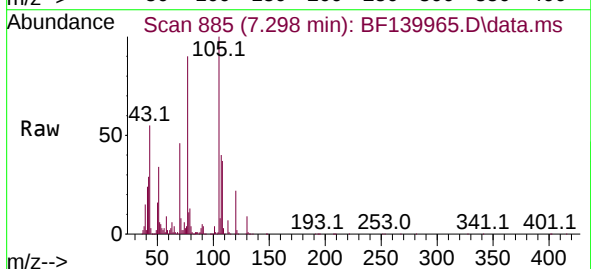
Reviewed By :Yogesh Patel 10/24/2024

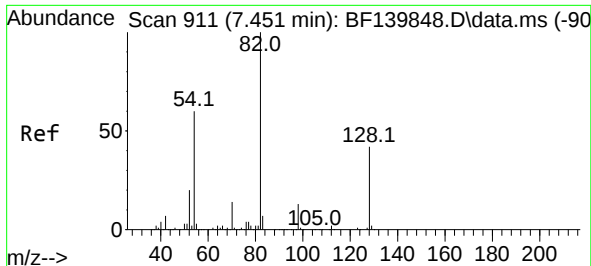
Supervised By :mohammad ahmed 10/24/2024



#22
Acetophenone
Concen: 38.152 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:105 Resp: 571315
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 34.3 29.4 44.2
120 22.0 17.5 26.3





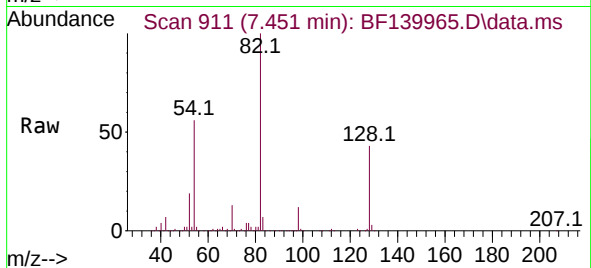
#23
Nitrobenzene-d5
Concen: 82.113 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

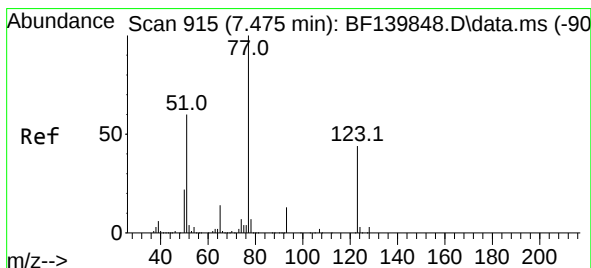
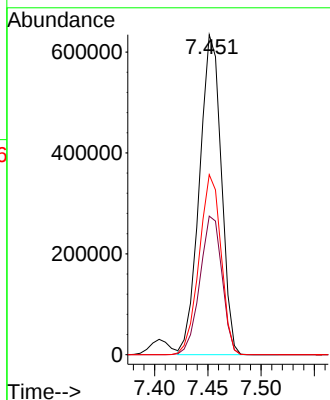
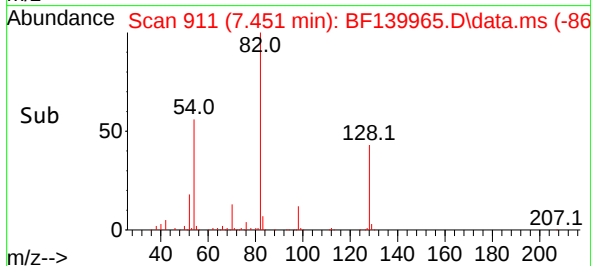


Tgt Ion: 82 Resp: 905794
Ion Ratio Lower Upper
82 100
128 43.3 33.4 50.0
54 56.2 47.8 71.8

Manual Integrations

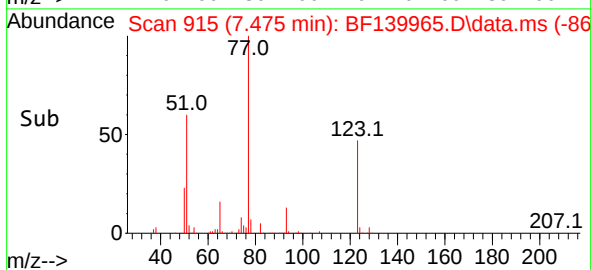
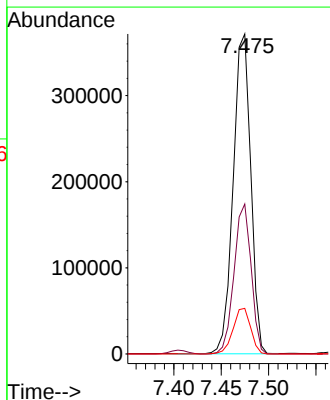
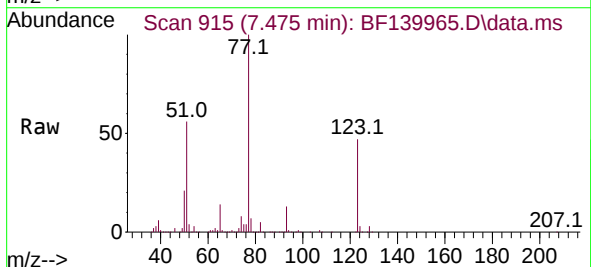
APPROVED

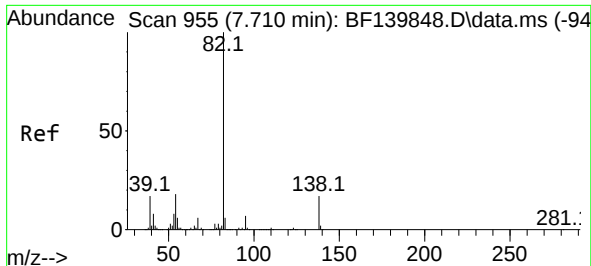
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#24
Nitrobenzene
Concen: 39.545 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

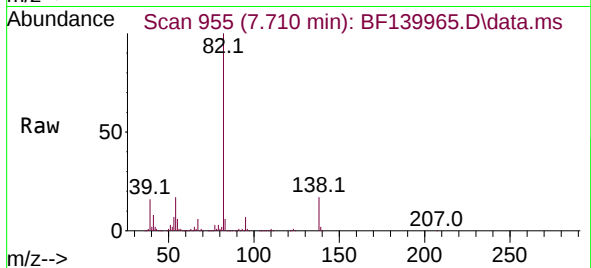
Tgt Ion: 77 Resp: 478277
Ion Ratio Lower Upper
77 100
123 46.8 35.7 53.5
65 14.3 11.5 17.3





#25
Isophorone
Concen: 37.995 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

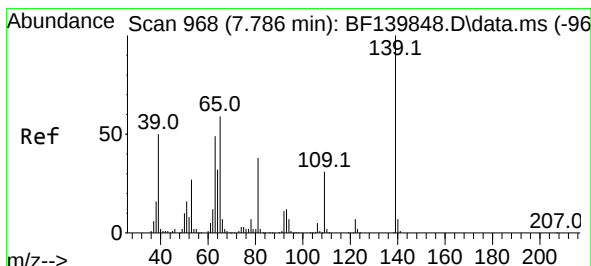
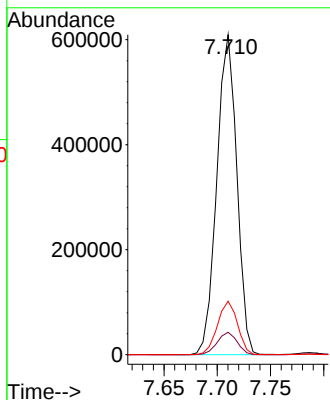
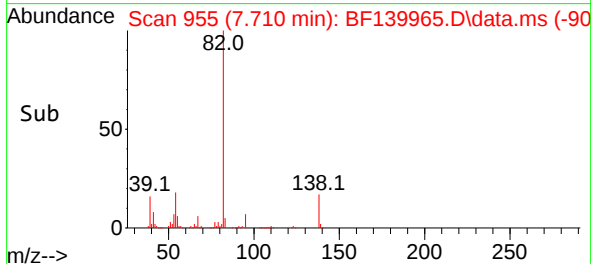
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



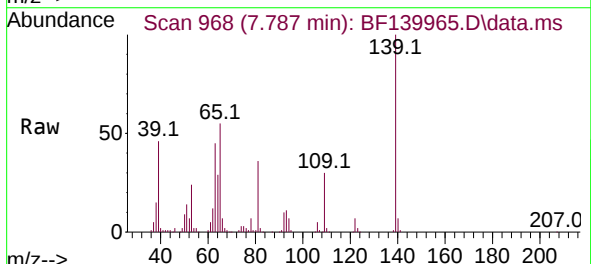
Tgt Ion: 82 Resp: 795494
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.7 13.2 19.8

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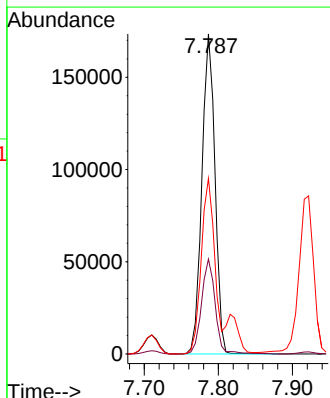
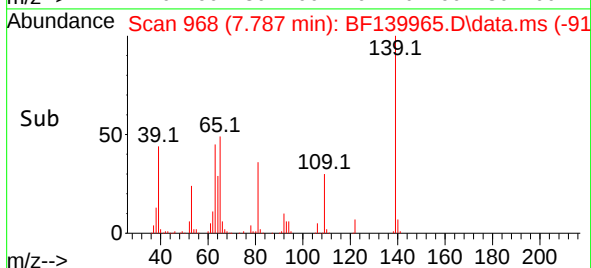
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#26
2-Nitrophenol
Concen: 46.836 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:139 Resp: 213698
Ion Ratio Lower Upper
139 100
109 29.7 25.1 37.7
65 54.9 47.5 71.3





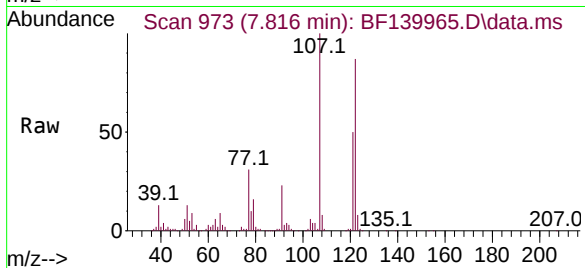
#27
2,4-Dimethylphenol
Concen: 38.382 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



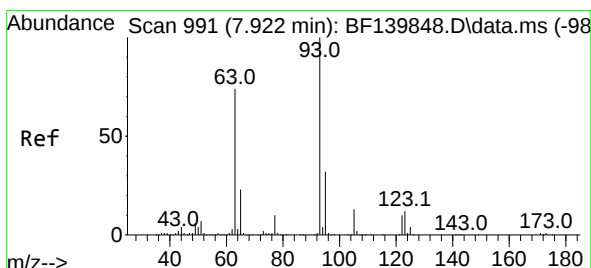
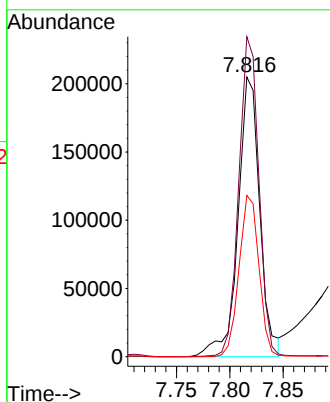
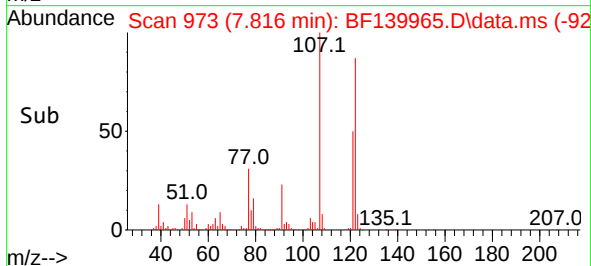
Tgt Ion:122 Resp: 29201
Ion Ratio Lower Upper
122 100
107 114.4 91.9 137.9
121 57.7 46.2 69.4

Manual Integrations

APPROVED

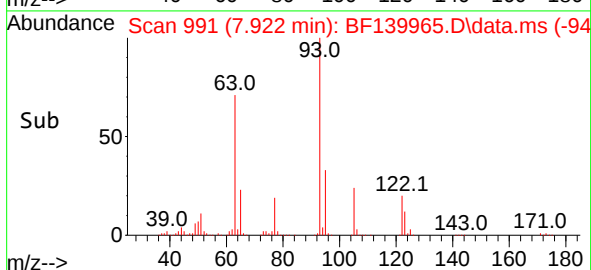
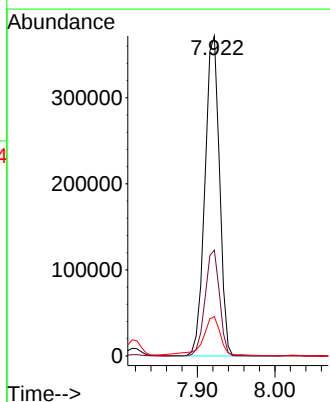
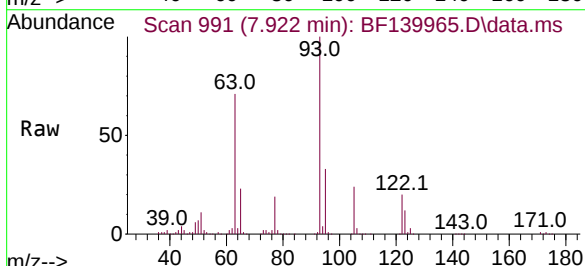
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.252 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion: 93 Resp: 485228
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.971 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

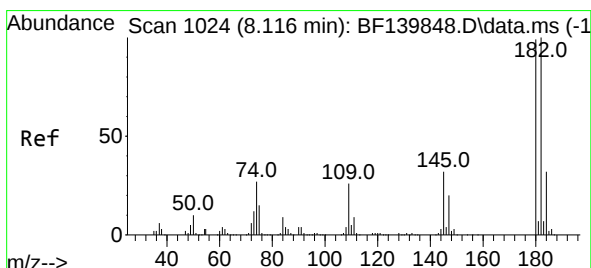
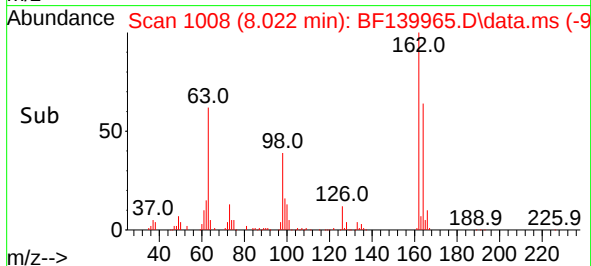
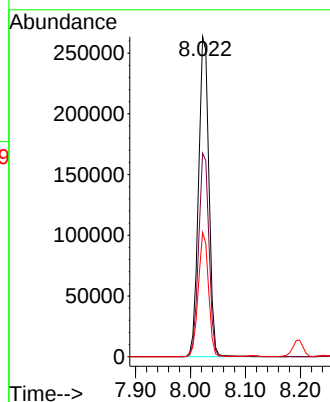
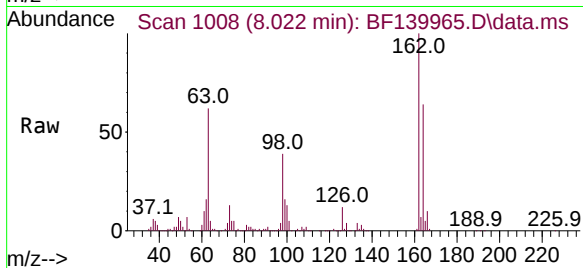
Tgt Ion:162	Resp:	34637
Ion Ratio	Lower	Upper
162	100	
164	63.6	43.9 83.9
98	38.9	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.591 ng

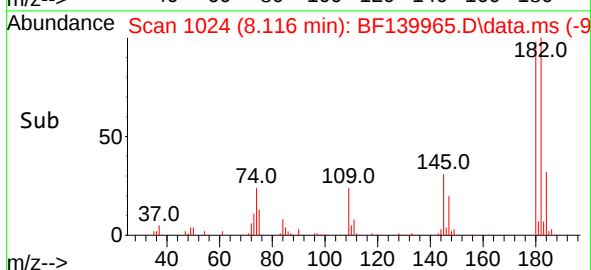
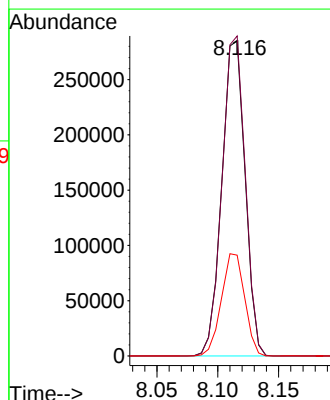
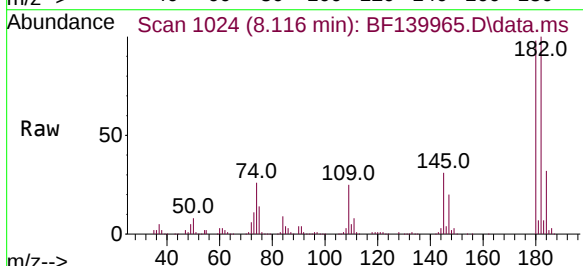
RT: 8.116 min Scan# 1024

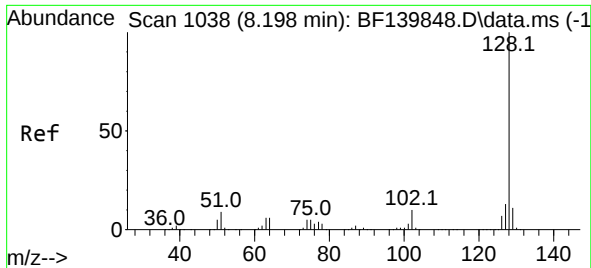
Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Tgt Ion:180	Resp:	379629
Ion Ratio	Lower	Upper
180	100	
182	101.5	80.5 120.7
145	32.0	25.4 38.0





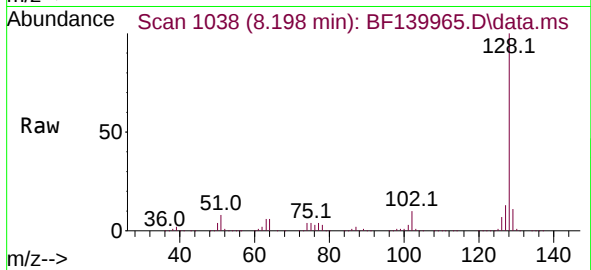
#31
Naphthalene
Concen: 39.208 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040



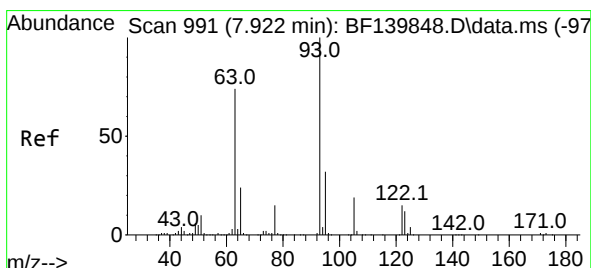
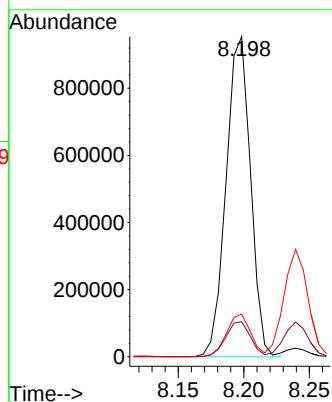
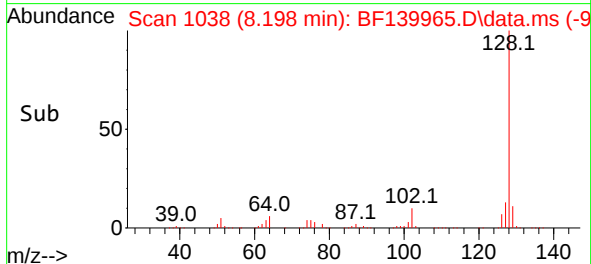
Tgt Ion:128 Resp: 123629
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 16.0

Manual Integrations

APPROVED

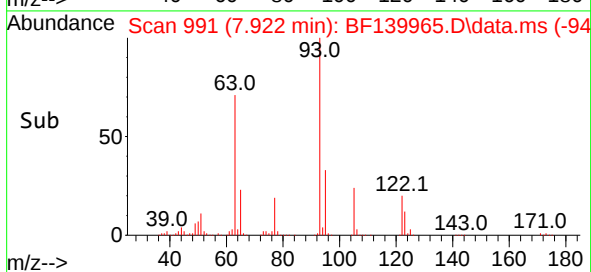
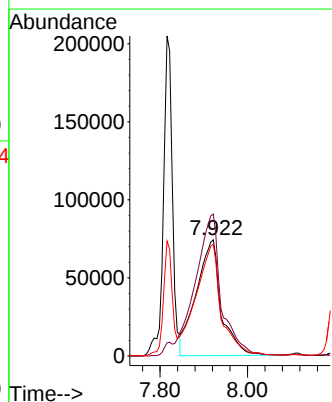
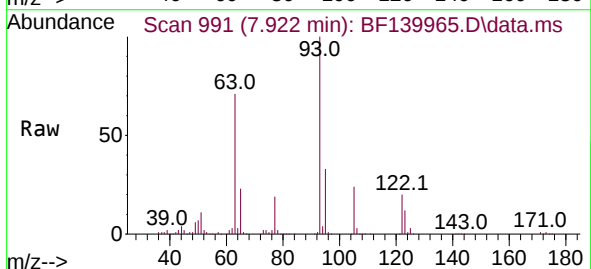
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#32
Benzoic acid
Concen: 44.497 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:122 Resp: 295264
Ion Ratio Lower Upper
122 100
105 122.2 107.6 147.6
77 96.0 80.2 120.2





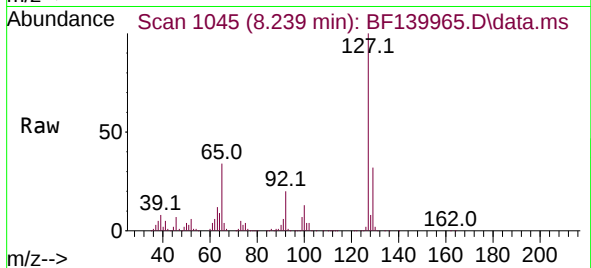
#33
4-Chloroaniline
Concen: 38.637 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



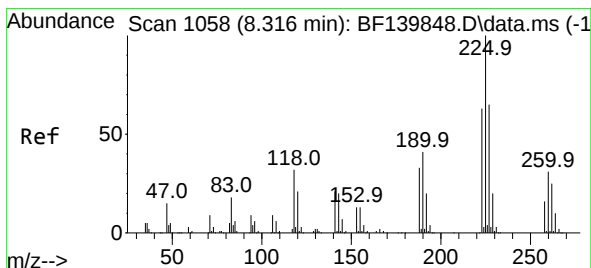
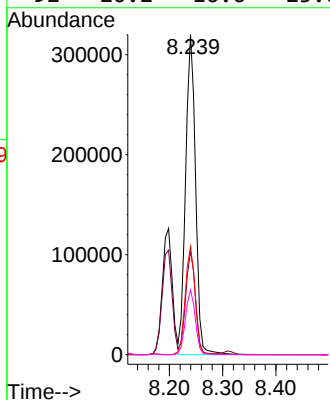
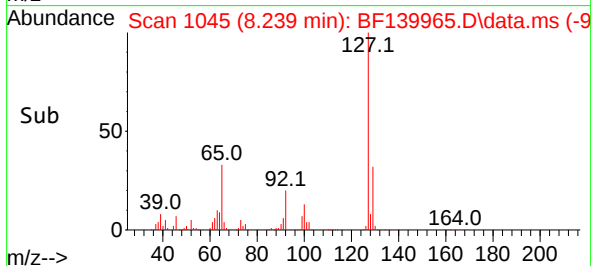
Tgt Ion:127 Resp: 41542
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 33.8 28.4 42.6
92 20.2 16.6 25.0

Manual Integrations

APPROVED

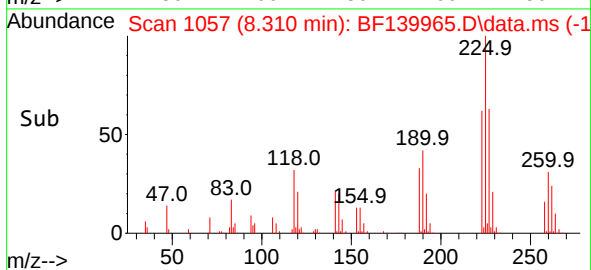
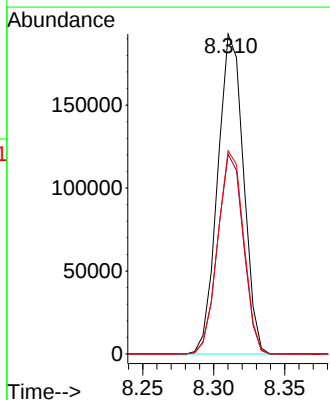
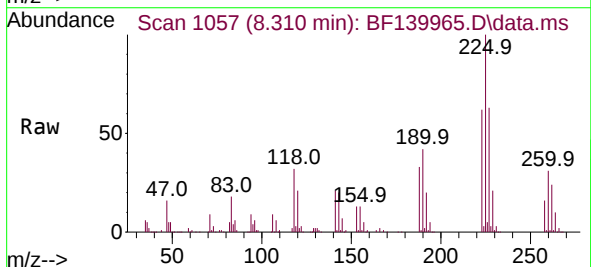
Reviewed By :Yogesh Patel 10/24/2024

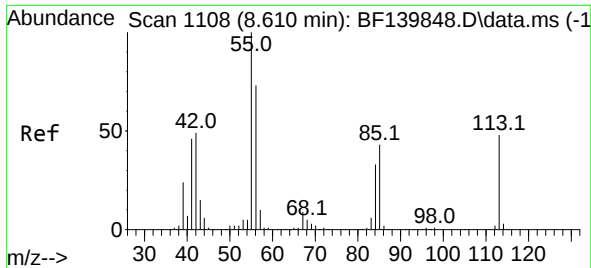
Supervised By :mohammad ahmed 10/24/2024



#34
Hexachlorobutadiene
Concen: 40.436 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

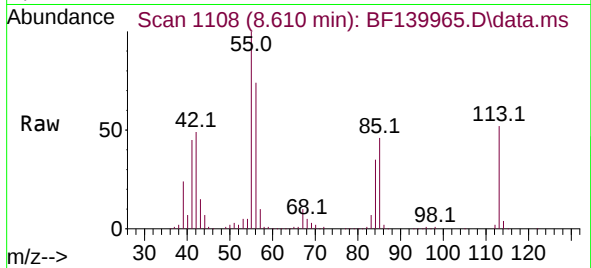
Tgt Ion:225 Resp: 243614
Ion Ratio Lower Upper
225 100
223 62.4 50.6 76.0
227 63.5 51.8 77.8





#35
Caprolactam
Concen: 40.942 ng
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

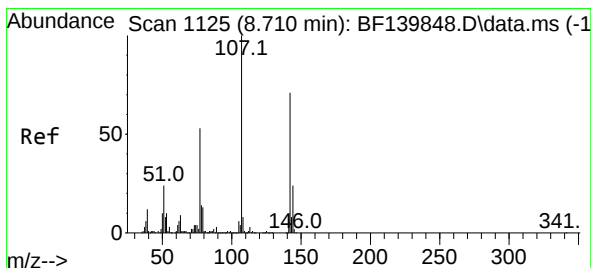
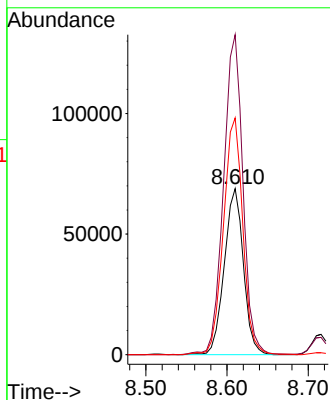
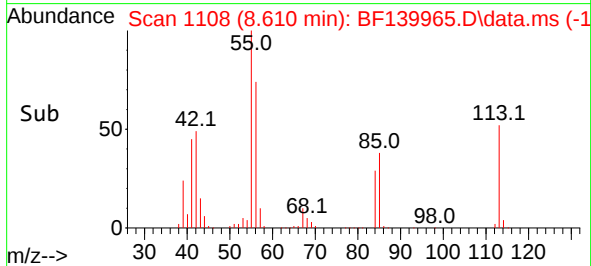
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



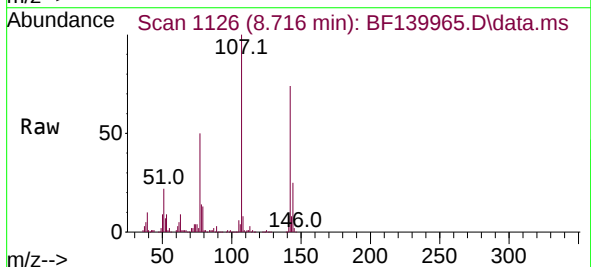
Tgt Ion:113 Resp: 11281
Ion Ratio Lower Upper
113 100
55 192.6 189.2 229.2
56 142.5 132.5 172.5

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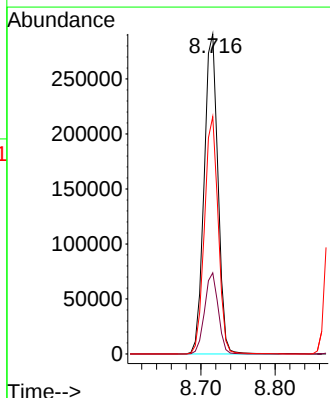
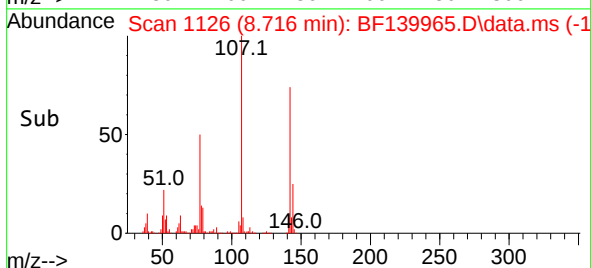
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

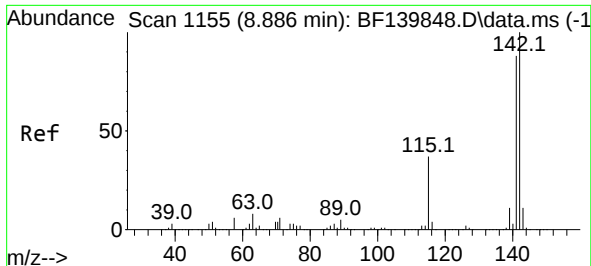


#36
4-Chloro-3-methylphenol
Concen: 39.260 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:107 Resp: 376721
Ion Ratio Lower Upper
107 100
144 25.3 19.1 28.7
142 74.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.114 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 75532

Ion Ratio Lower Upper

142 100

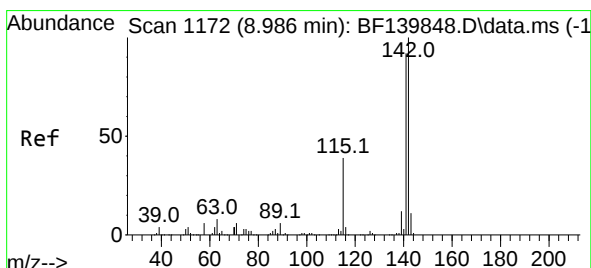
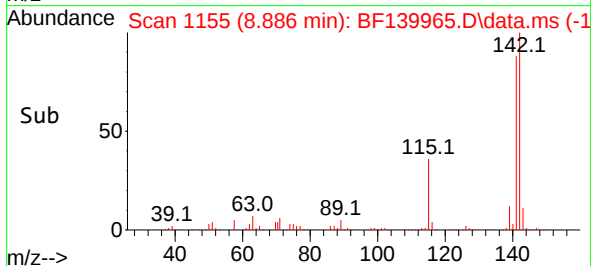
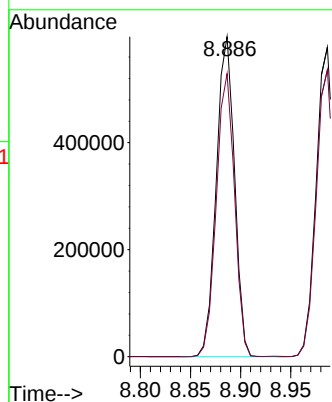
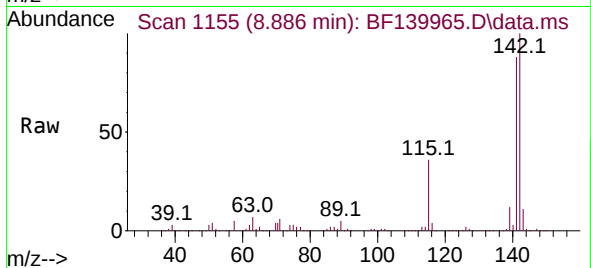
141 88.4 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#38

1-Methylnaphthalene

Concen: 38.841 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139965.D

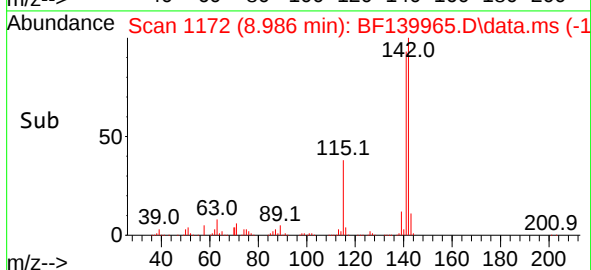
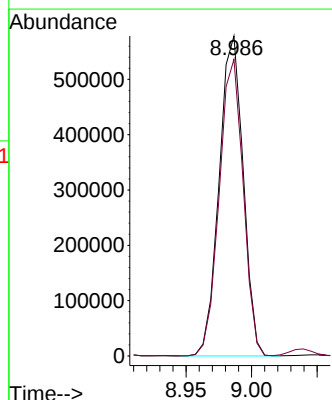
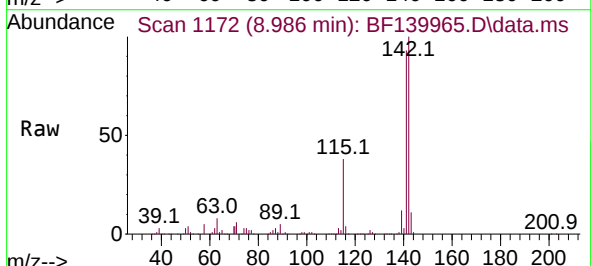
Acq: 23 Oct 2024 15:30

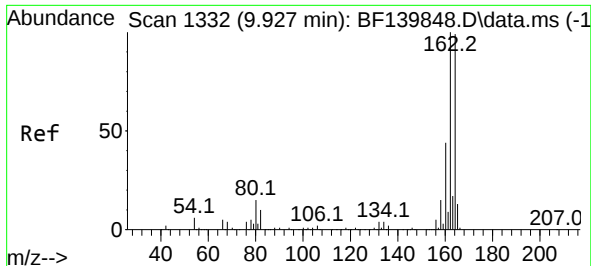
Tgt Ion:142 Resp: 735901

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3





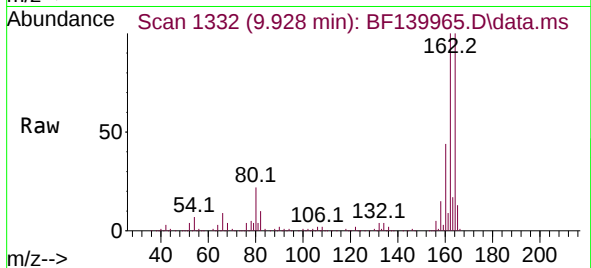
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



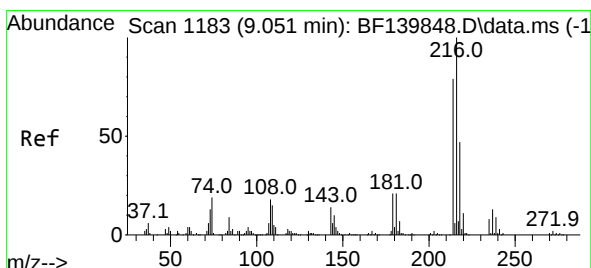
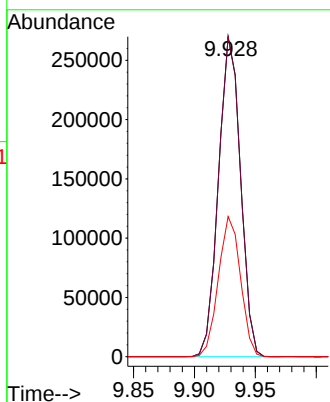
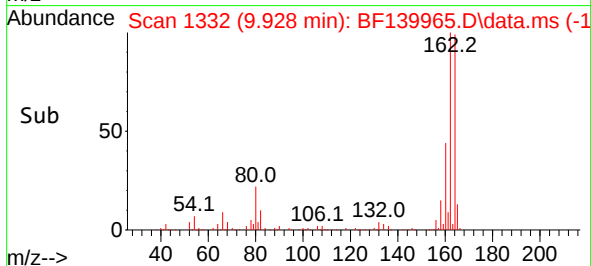
Tgt Ion:164 Resp: 340124
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 43.8 35.4 53.0

Manual Integrations

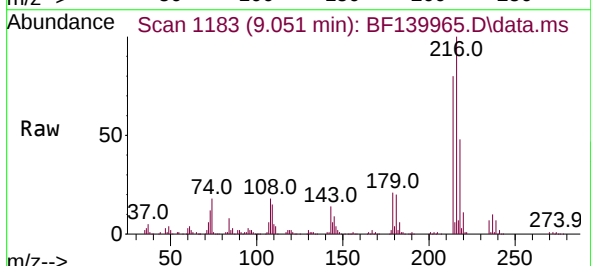
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

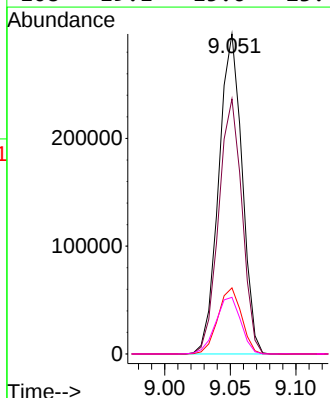
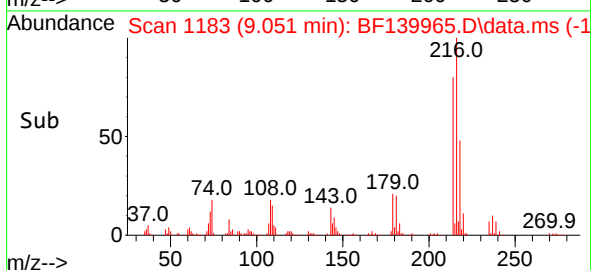
Supervised By :mohammad ahmed 10/24/2024

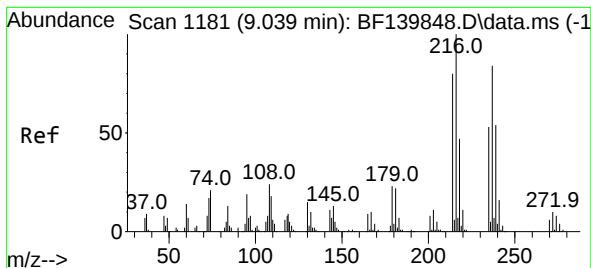


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.047 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:216 Resp: 367476
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.0
179 20.9 17.2 25.8
108 19.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 41.044 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 131040

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

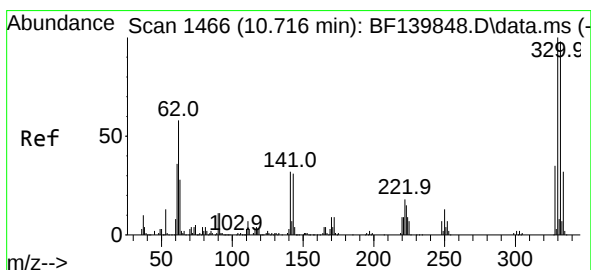
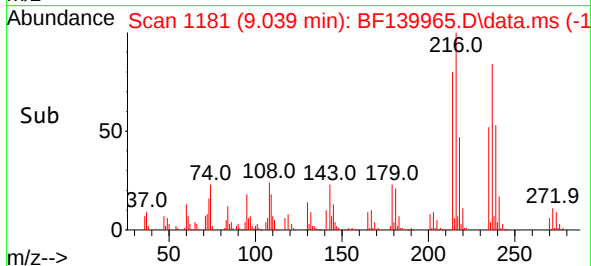
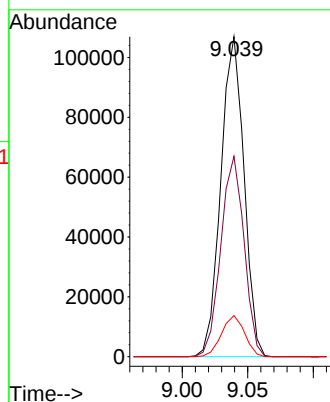
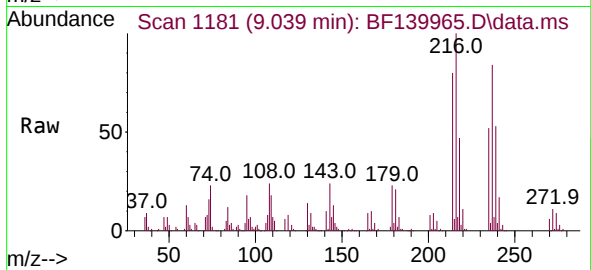
272 12.8 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#42

2,4,6-Tribromophenol

Concen: 87.444 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

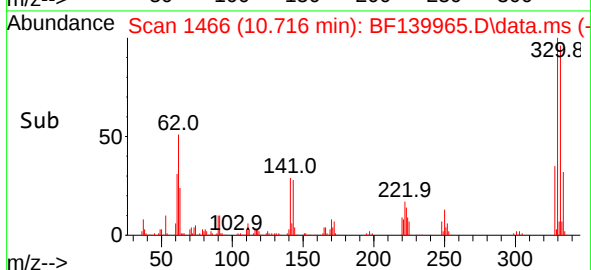
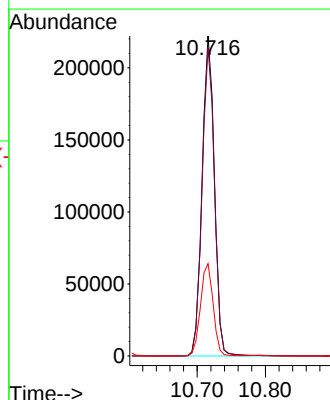
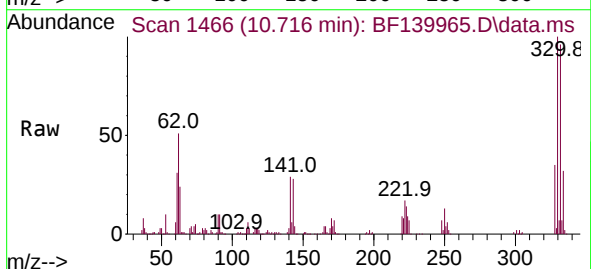
Tgt Ion:330 Resp: 278197

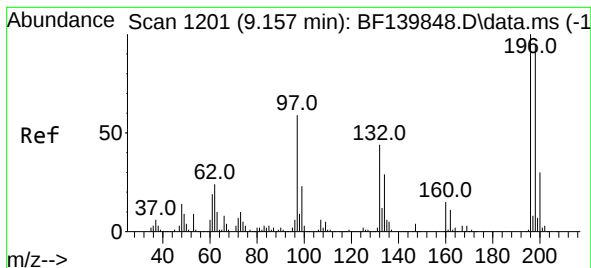
Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

141 29.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 39.893 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139965.D

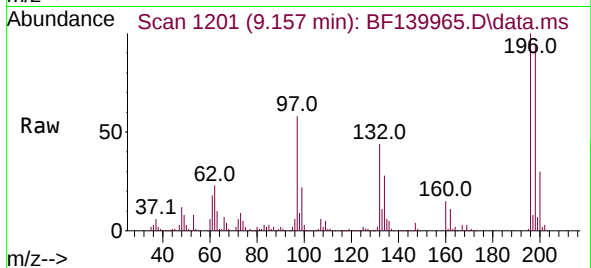
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 259164

Ion Ratio Lower Upper

196 100

198 93.8 76.2 114.2

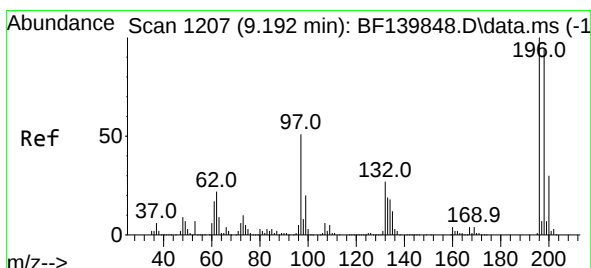
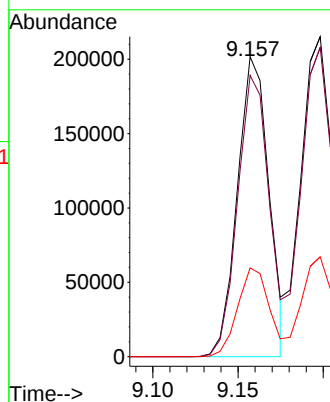
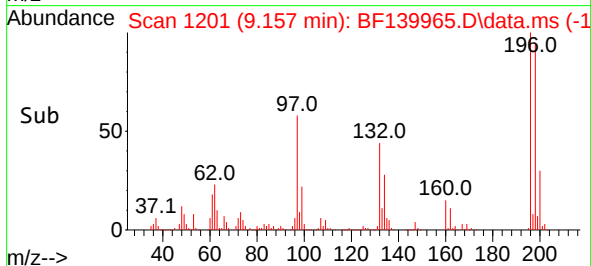
200 29.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#44

2,4,5-Trichlorophenol

Concen: 42.132 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Tgt Ion:196 Resp: 282398

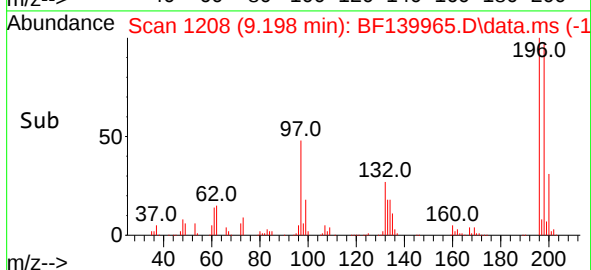
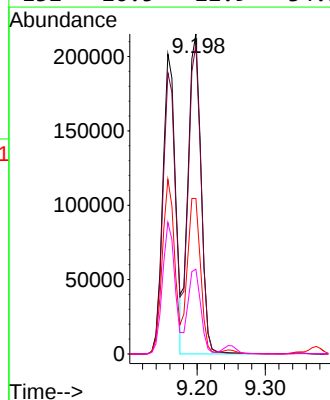
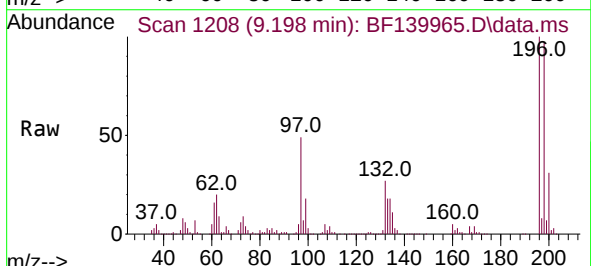
Ion Ratio Lower Upper

196 100

198 96.6 75.8 113.6

97 48.6 41.8 62.6

132 26.5 22.9 34.3





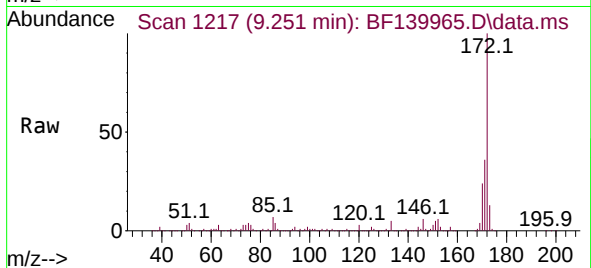
#45
2-Fluorobiphenyl
Concen: 77.274 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



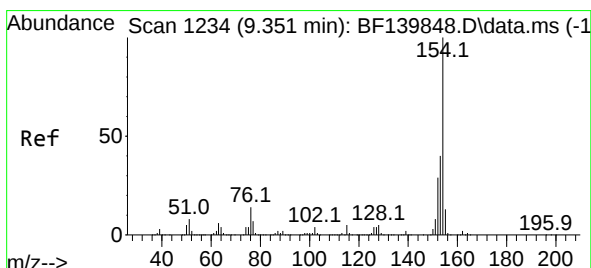
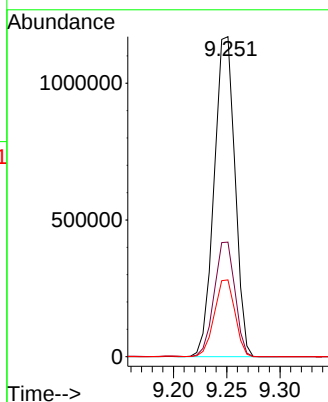
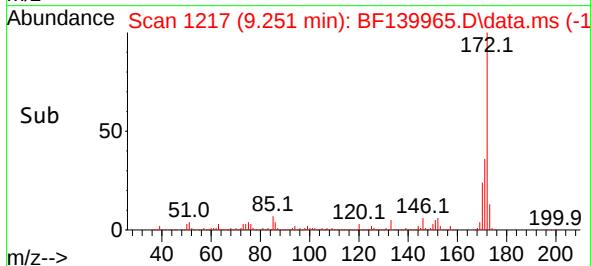
Tgt Ion:172 Resp: 1590284
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 19.1 28.7

Manual Integrations

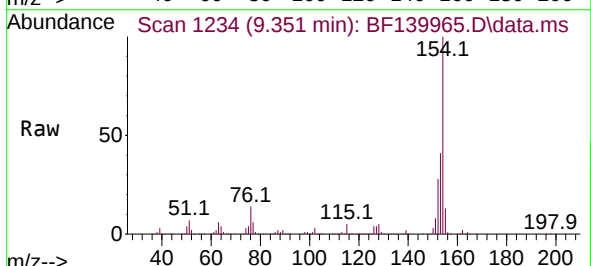
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

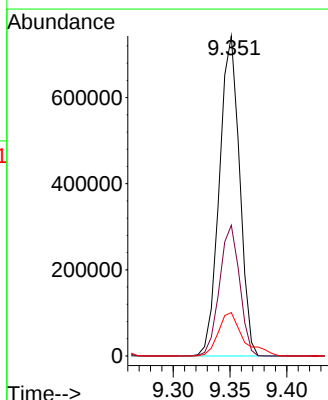
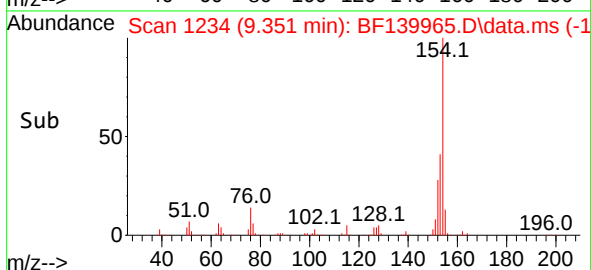
Supervised By :mohammad ahmed 10/24/2024

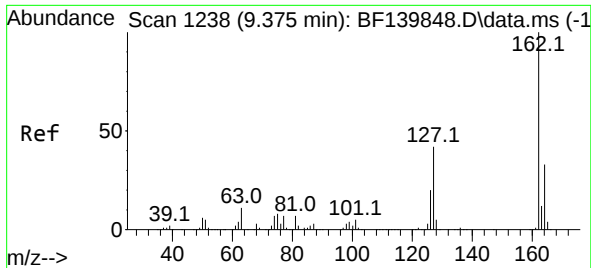


#46
1,1'-Biphenyl
Concen: 38.820 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:154 Resp: 919167
Ion Ratio Lower Upper
154 100
153 40.9 20.3 60.3
76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.125 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139965.D

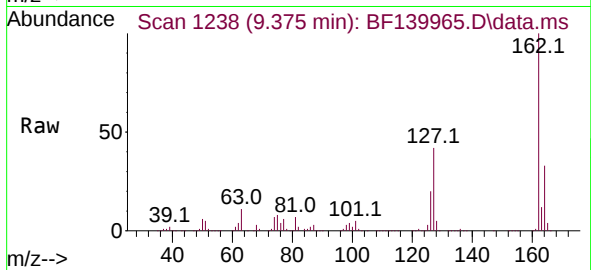
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 74612

Ion Ratio Lower Upper

162 100

127 41.9 33.8 50.6

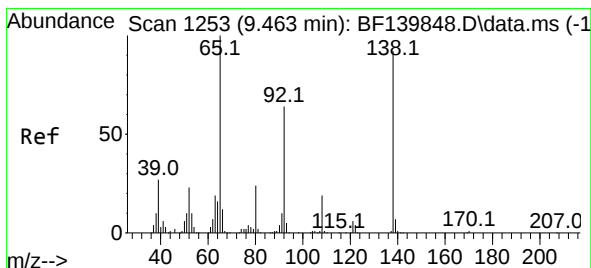
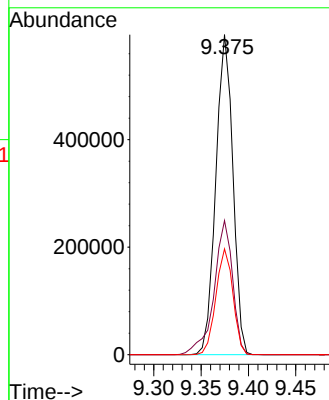
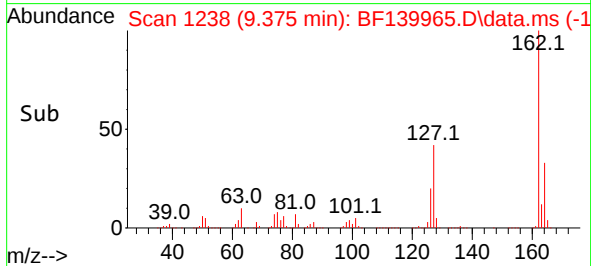
164 33.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#48

2-Nitroaniline

Concen: 43.073 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

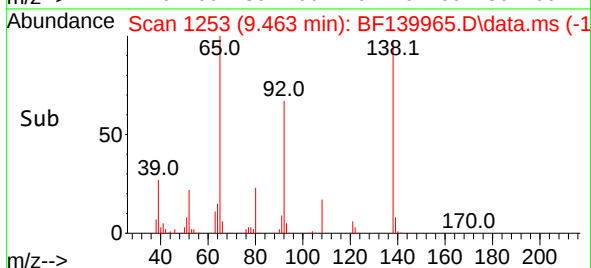
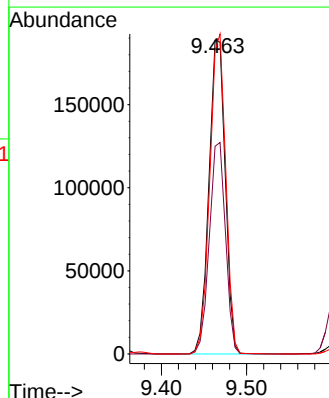
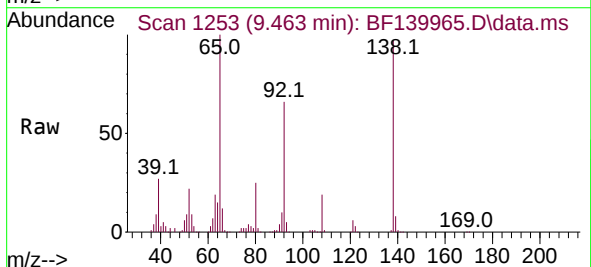
Tgt Ion: 65 Resp: 251224

Ion Ratio Lower Upper

65 100

92 66.2 50.9 76.3

138 96.6 73.4 110.0





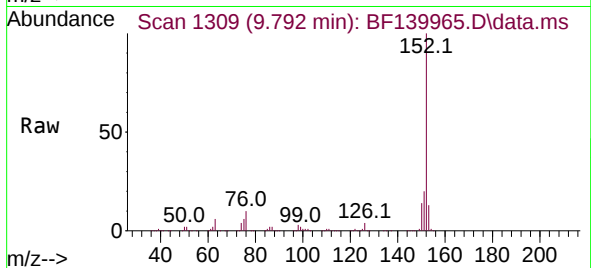
#49
Acenaphthylene
Concen: 39.178 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



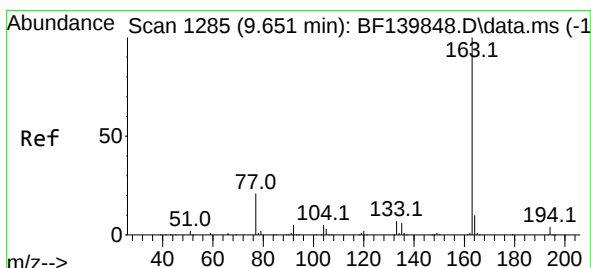
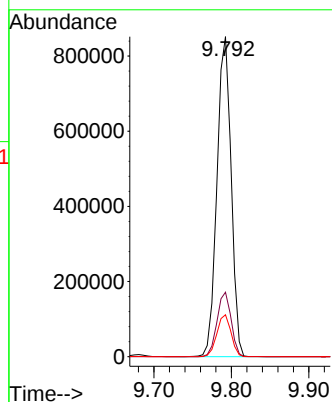
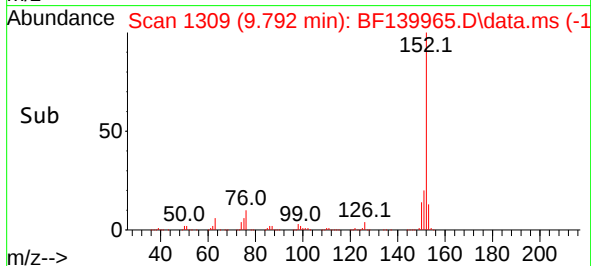
Tgt Ion:152 Resp: 1080134
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.1 10.7 16.1

Manual Integrations

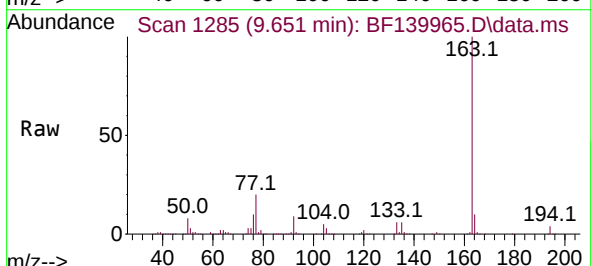
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

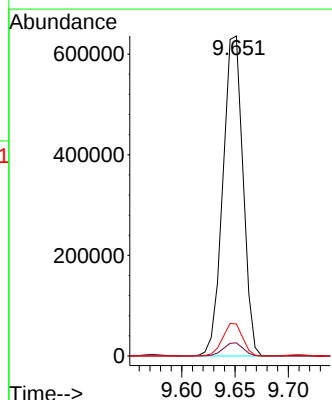
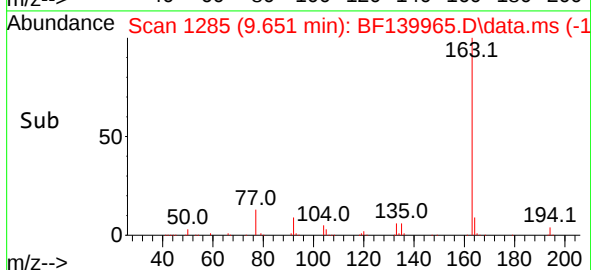
Supervised By :mohammad ahmed 10/24/2024

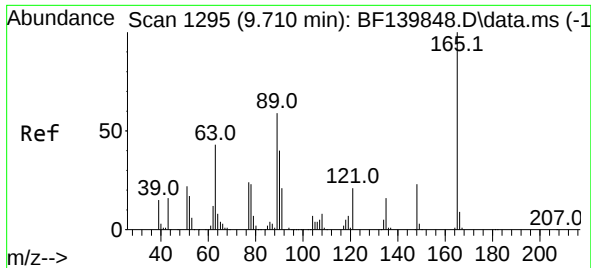


#50
Dimethylphthalate
Concen: 39.360 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



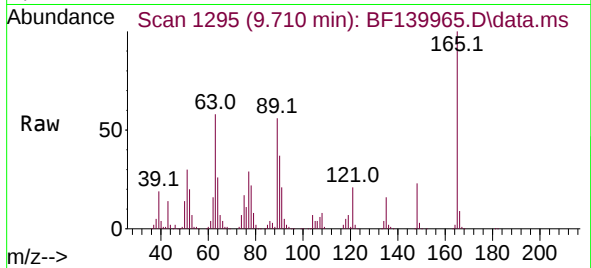
Tgt Ion:163 Resp: 833862
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.888 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

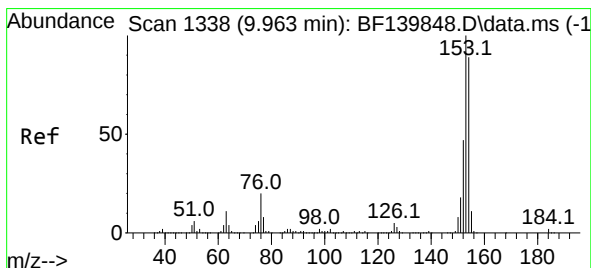
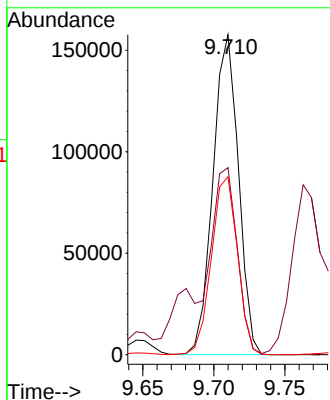
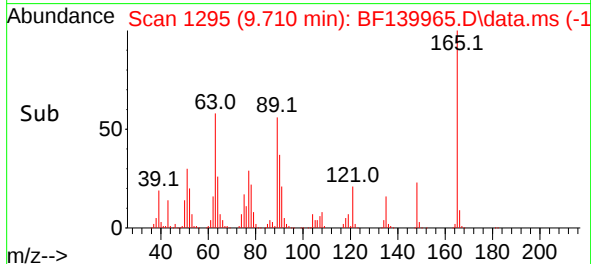
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



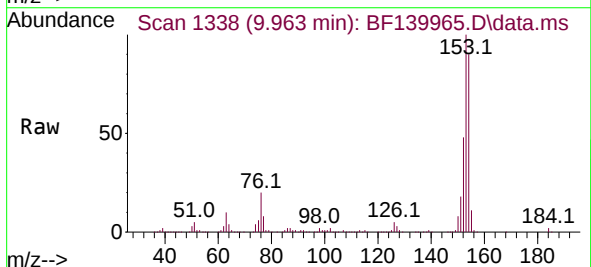
Tgt Ion:165 Resp: 196730
Ion Ratio Lower Upper
165 100
63 58.4 50.6 75.8
89 55.6 47.5 71.3

Manual Integrations
APPROVED

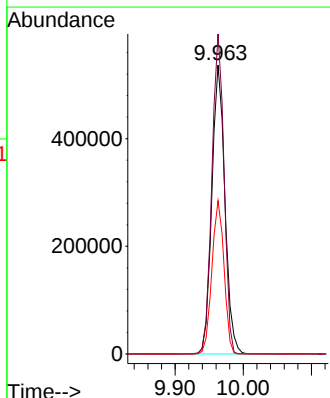
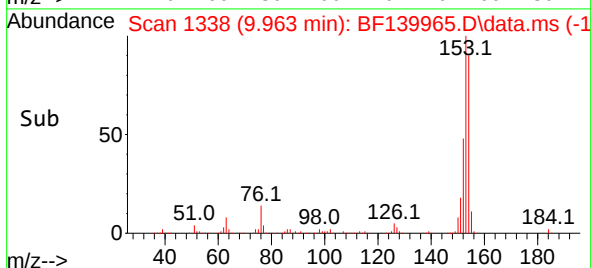
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

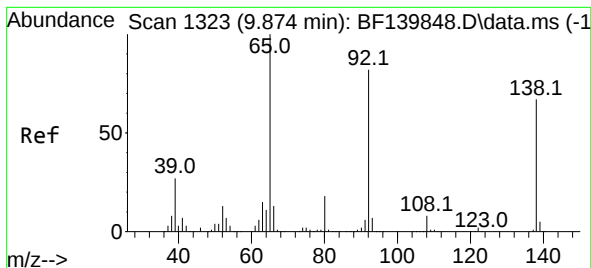


#52
Acenaphthene
Concen: 40.088 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:154 Resp: 714969
Ion Ratio Lower Upper
154 100
153 110.8 89.8 134.6
152 53.1 42.4 63.6





#53
3-Nitroaniline
Concen: 41.975 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

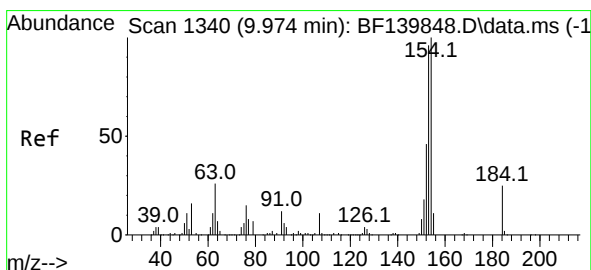
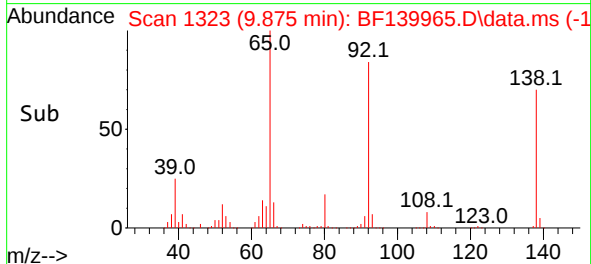
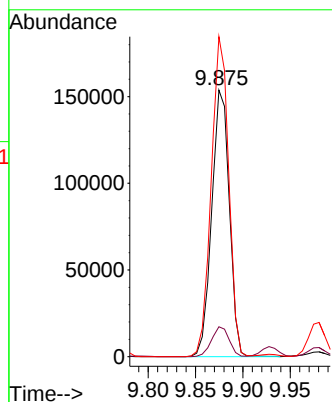
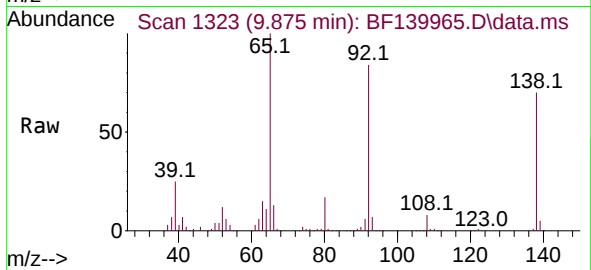
SSTDCCC040

Tgt Ion:138 Resp: 198559
Ion Ratio Lower Upper
138 100
108 11.3 10.2 15.2
92 120.1 98.3 147.5

Manual Integrations

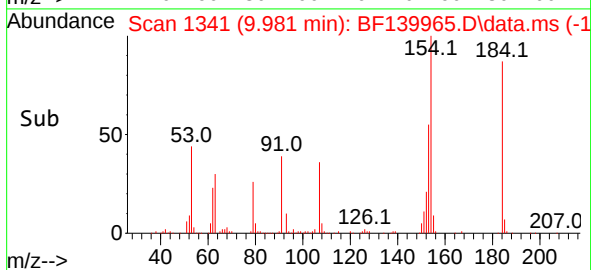
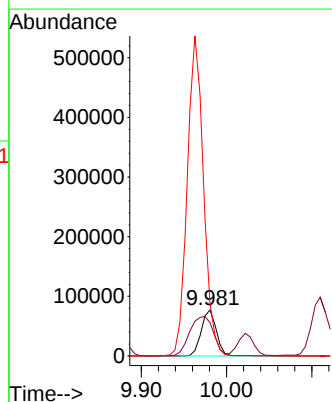
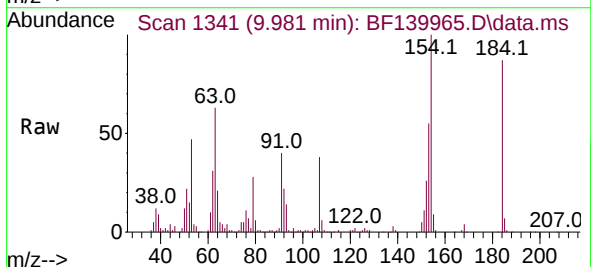
APPROVED

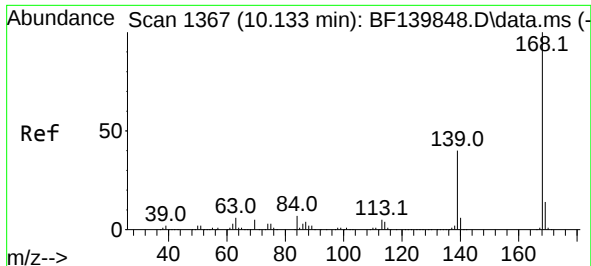
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#54
2,4-Dinitrophenol
Concen: 52.057 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

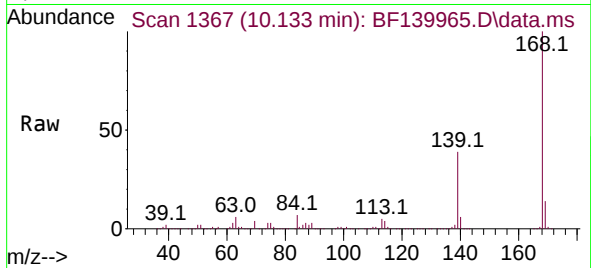
Tgt Ion:184 Resp: 94482
Ion Ratio Lower Upper
184 100
63 72.8 84.7 127.1#
154 115.3 338.2 507.2#





#55
Dibenzenofuran
Concen: 38.748 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

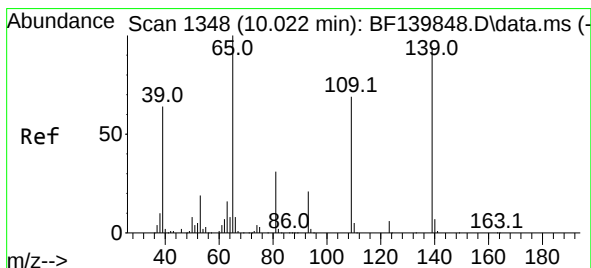
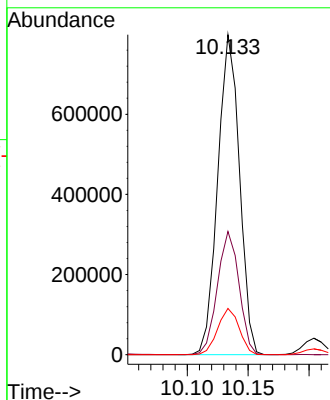
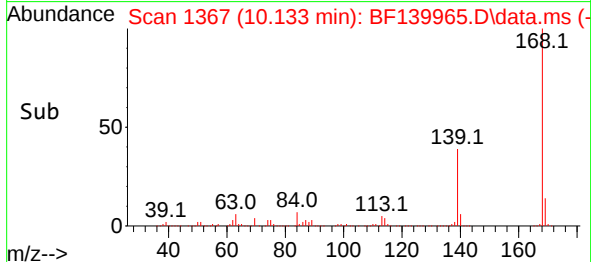
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 991500
Ion Ratio Lower Upper
168 100
139 38.5 31.8 47.6
169 14.5 11.6 17.4

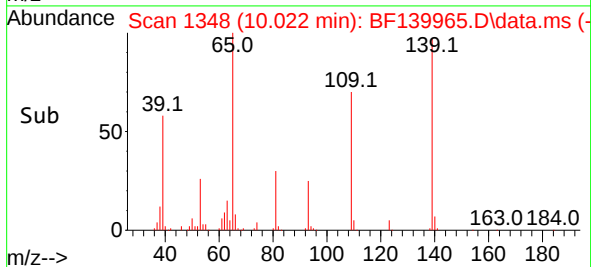
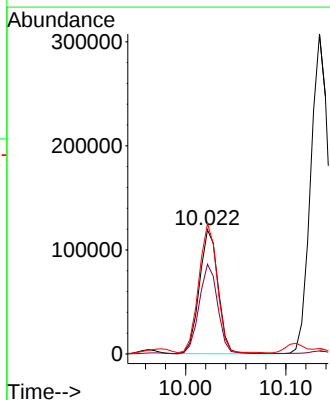
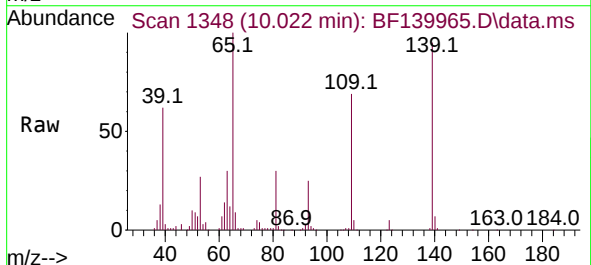
Manual Integrations
APPROVED

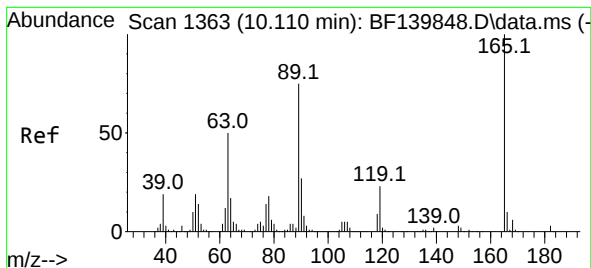
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#56
4-Nitrophenol
Concen: 42.690 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:139 Resp: 155364
Ion Ratio Lower Upper
139 100
109 72.3 53.6 93.6
65 105.2 87.8 127.8





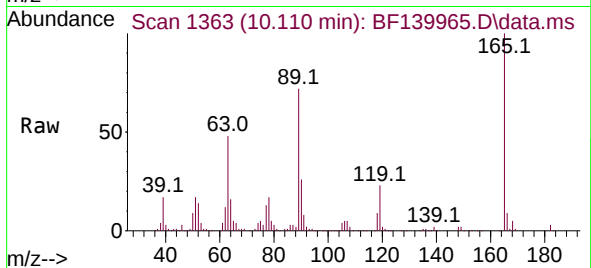
#57
2,4-Dinitrotoluene
Concen: 45.716 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



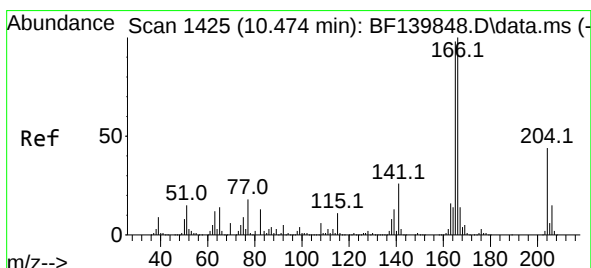
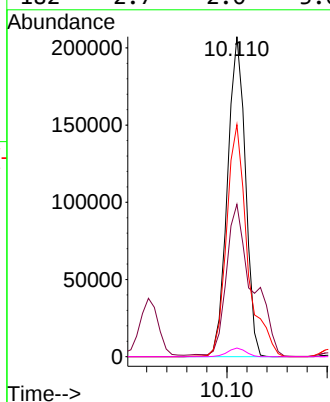
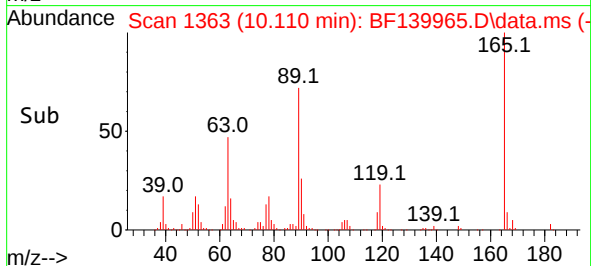
Tgt Ion:165 Resp: 257878
Ion Ratio Lower Upper
165 100
63 47.6 40.1 60.1
89 72.5 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations

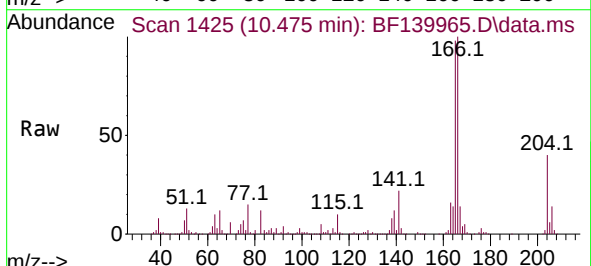
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

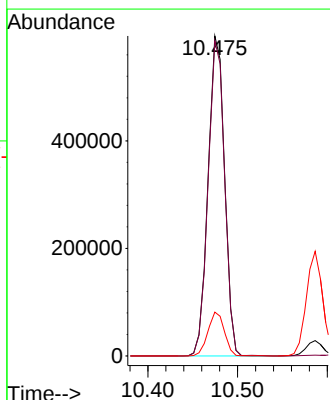
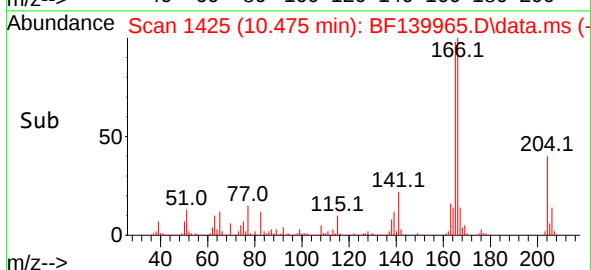
Supervised By :mohammad ahmed 10/24/2024



#58
Fluorene
Concen: 39.027 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



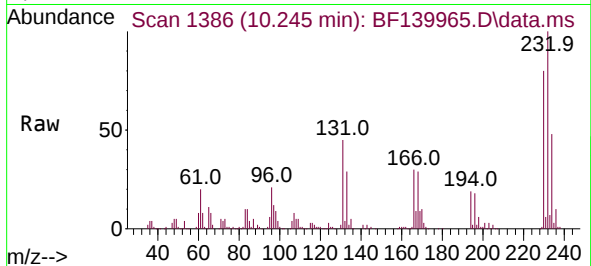
Tgt Ion:166 Resp: 760625
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.916 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

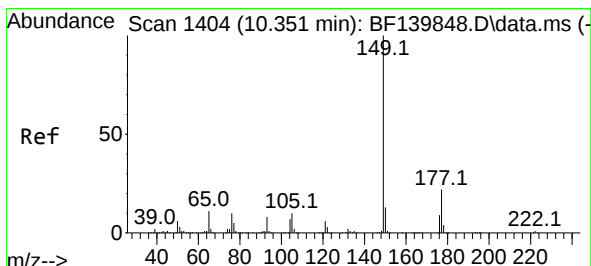
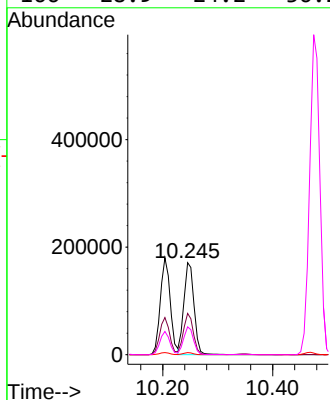
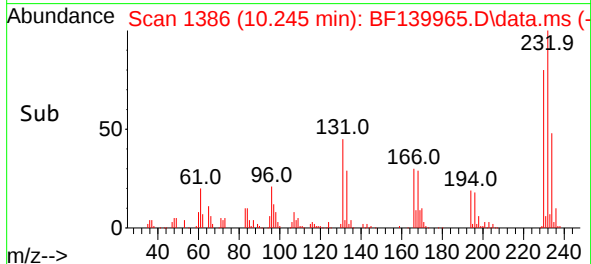
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 22024
Ion Ratio Lower Upper
232 100
131 43.2 37.0 55.6
130 2.1 1.9 2.9
166 28.9 24.2 36.2

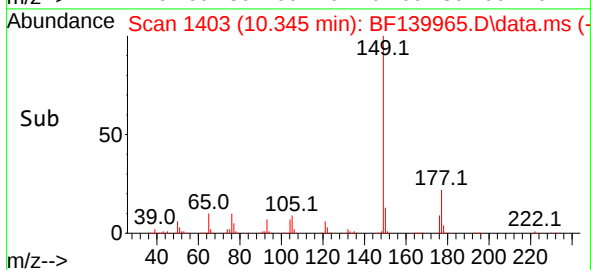
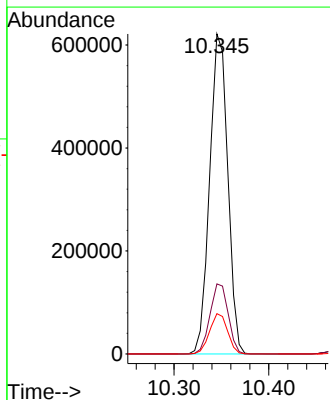
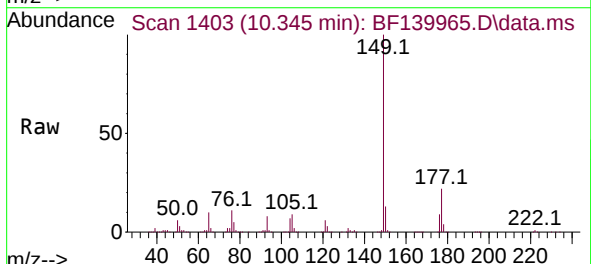
Manual Integrations
APPROVED

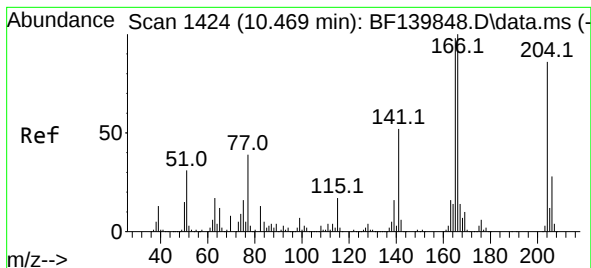
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#60
Diethylphthalate
Concen: 39.586 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

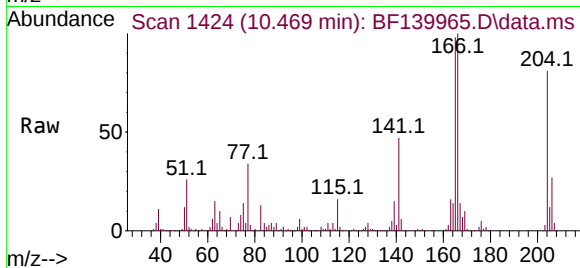
Tgt Ion:149 Resp: 823444
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.685 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

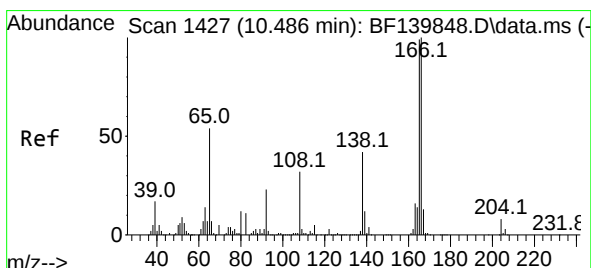
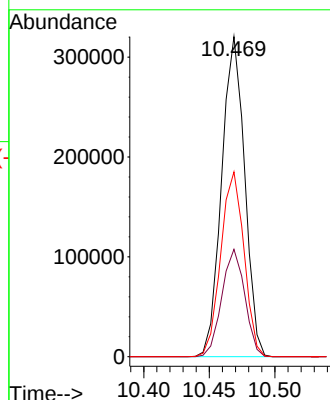
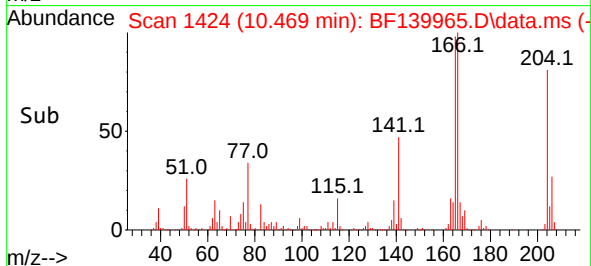
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



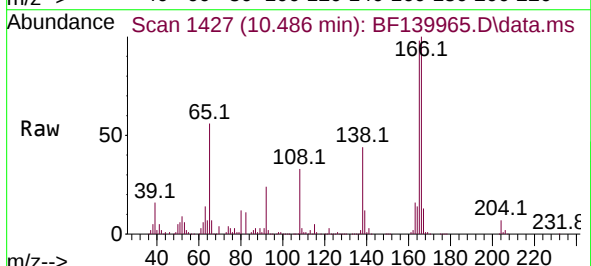
Tgt Ion:204 Resp: 390590
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 57.7 48.6 73.0

Manual Integrations
APPROVED

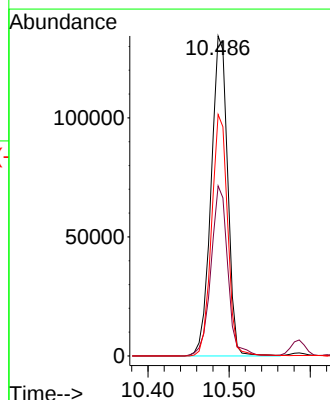
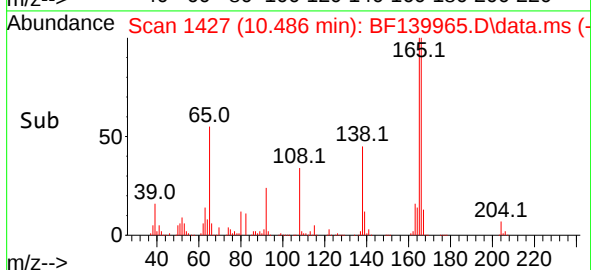
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

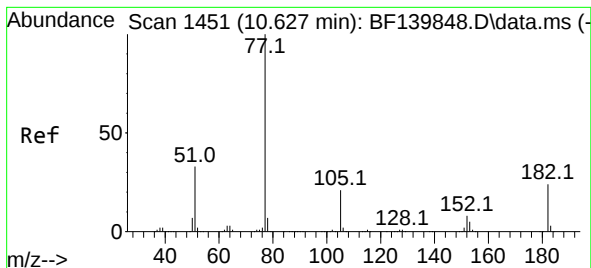


#62
4-Nitroaniline
Concen: 42.606 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



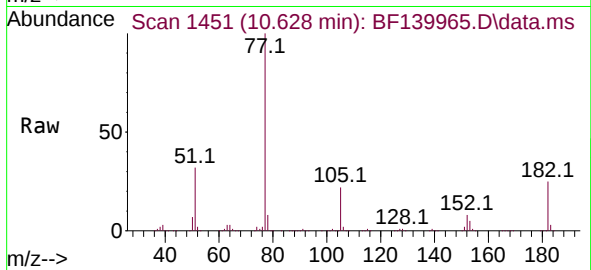
Tgt Ion:138 Resp: 190350
Ion Ratio Lower Upper
138 100
92 53.2 35.7 75.7
108 75.4 57.5 97.5





#63
Azobenzene
Concen: 37.820 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

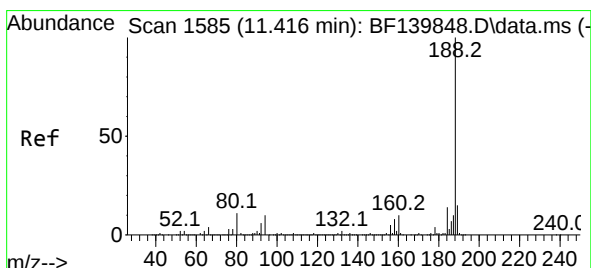
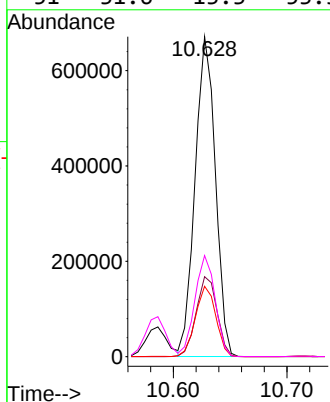
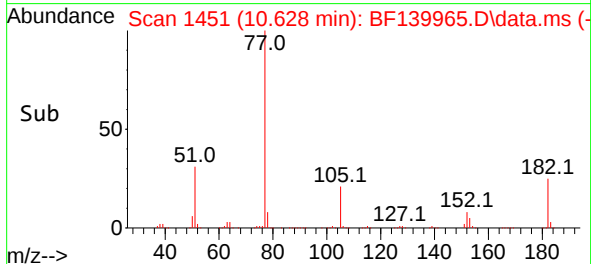
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



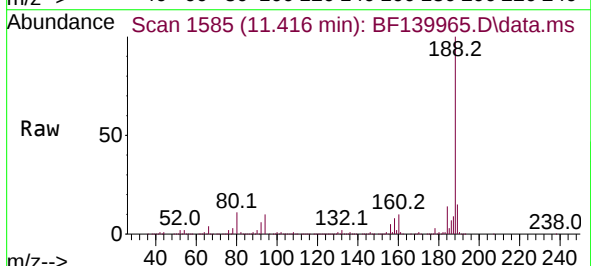
Tgt Ion: 77 Resp: 834020
Ion Ratio Lower Upper
77 100
182 25.0 3.3 43.3
105 22.0 1.2 41.2
51 31.6 13.3 53.3

Manual Integrations
APPROVED

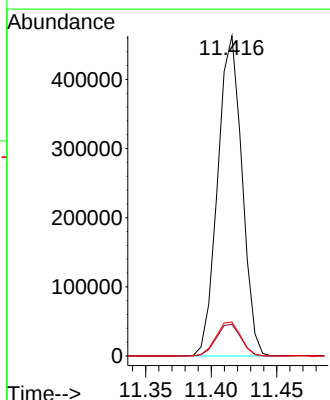
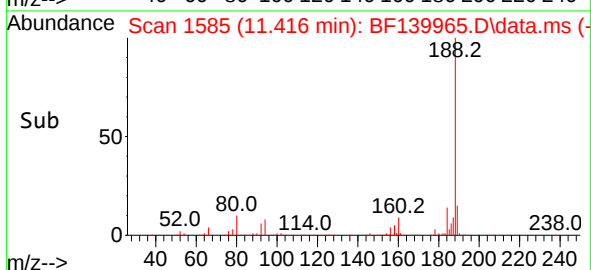
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:188 Resp: 597021
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.6 9.0 13.4





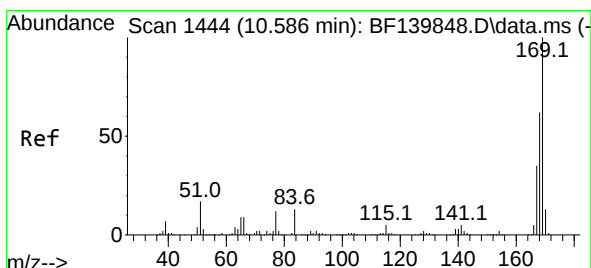
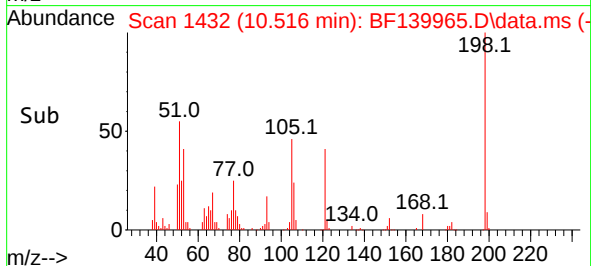
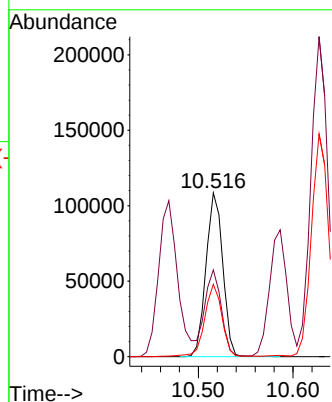
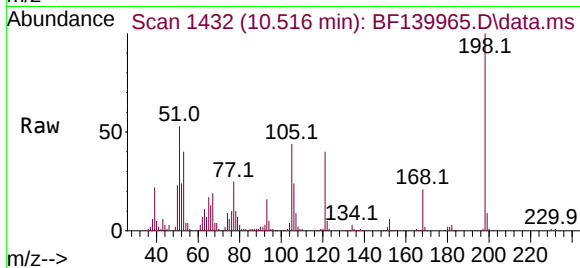
#65
4,6-Dinitro-2-methylphenol
Concen: 54.698 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 133200
Ion Ratio Lower Upper
198 100
51 52.9 38.2 78.2
105 44.2 27.9 67.9

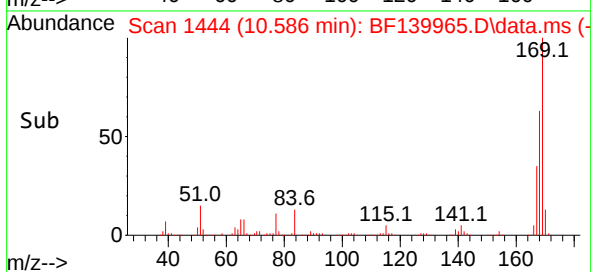
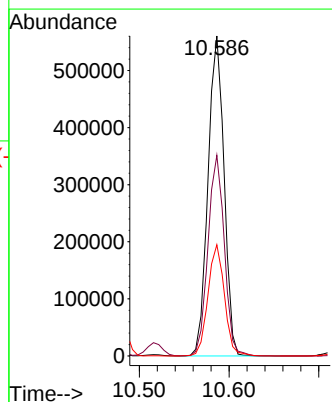
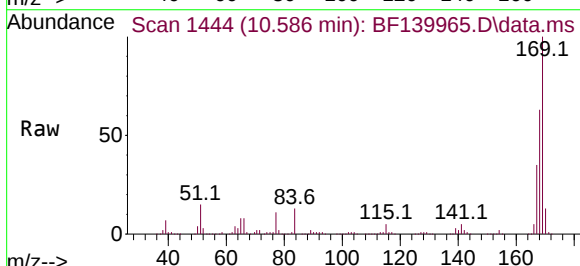
Manual Integrations
APPROVED

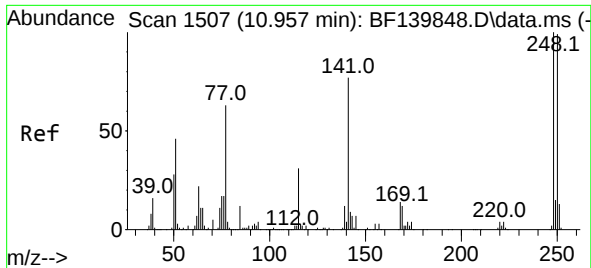
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#66
n-Nitrosodiphenylamine
Concen: 38.988 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:169 Resp: 696657
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.7 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 40.878 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

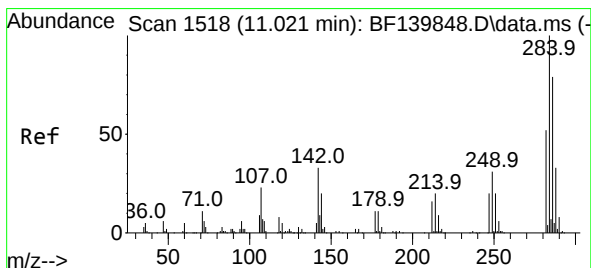
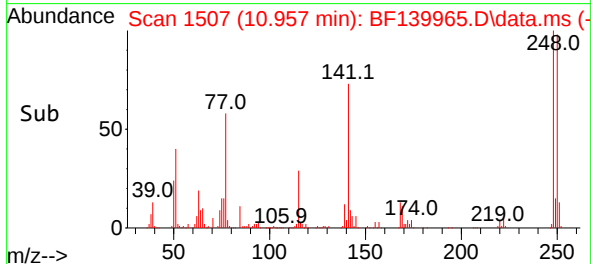
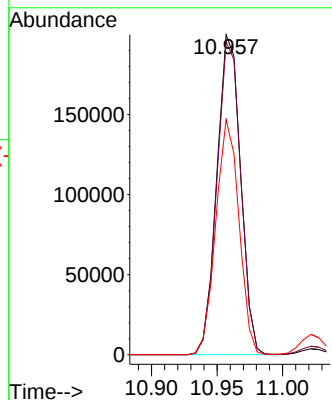
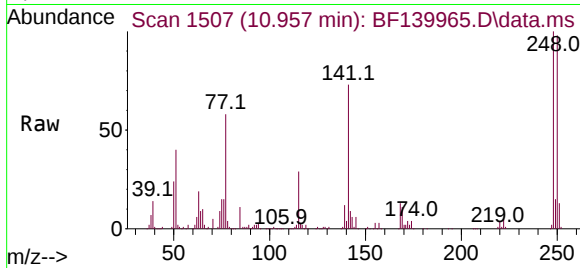
SSTDCCC040

Tgt Ion:248 Resp: 251419
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.6
141 73.5 61.7 92.5

Manual Integrations

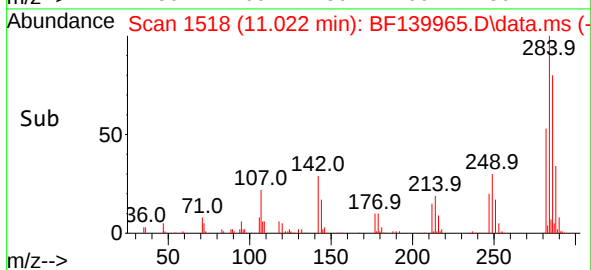
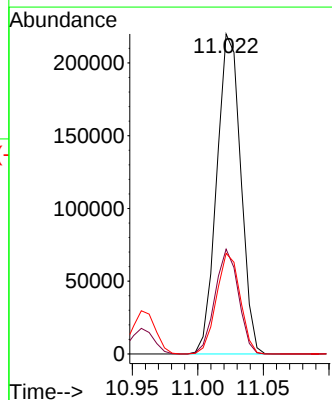
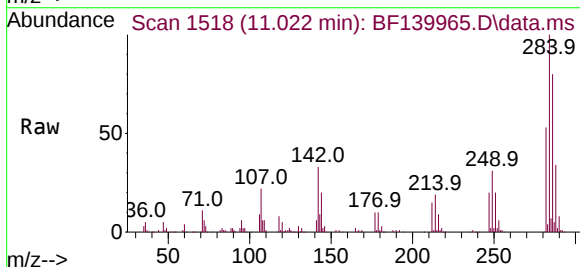
APPROVED

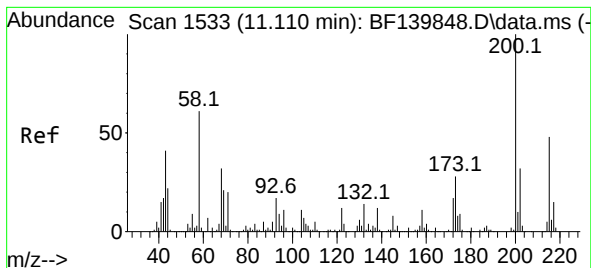
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#68
Hexachlorobenzene
Concen: 40.396 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:284 Resp: 279424
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 31.5 25.3 37.9





#69

Atrazine

Concen: 40.949 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 19820

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

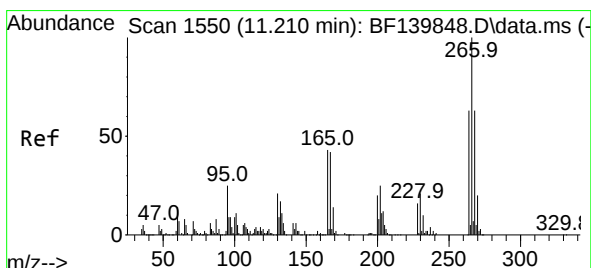
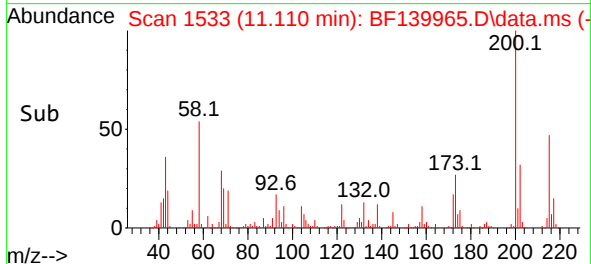
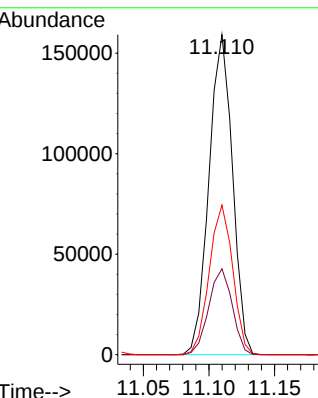
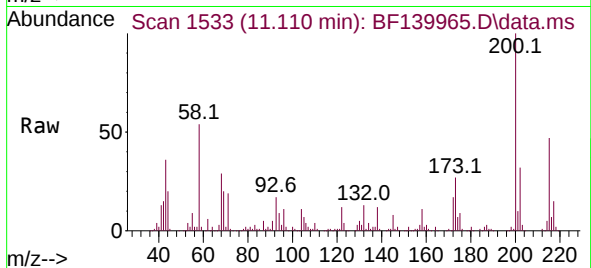
215 46.7 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#70

Pentachlorophenol

Concen: 44.591 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

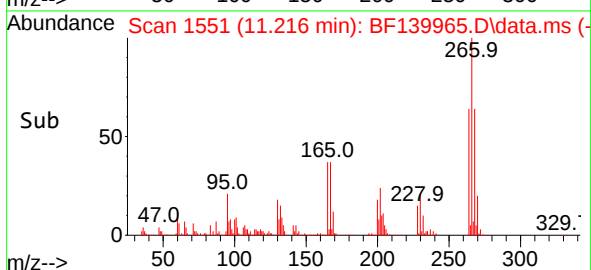
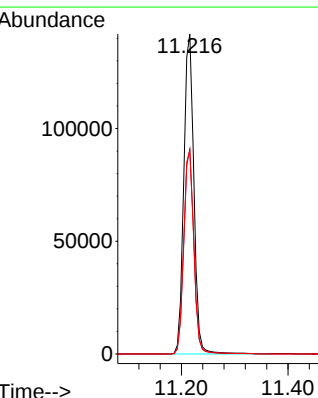
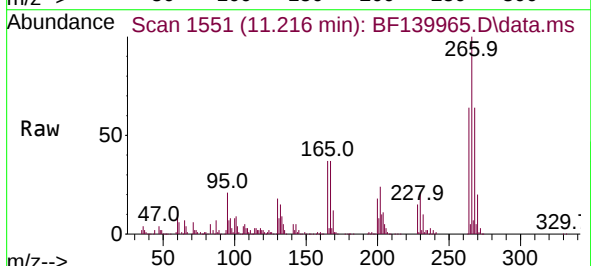
Tgt Ion:266 Resp: 187195

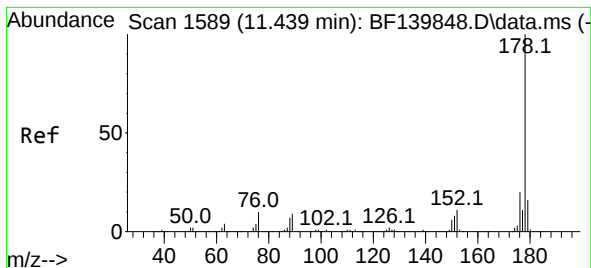
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.7 50.6 75.8





#71

Phenanthrene

Concen: 38.958 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 109864

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

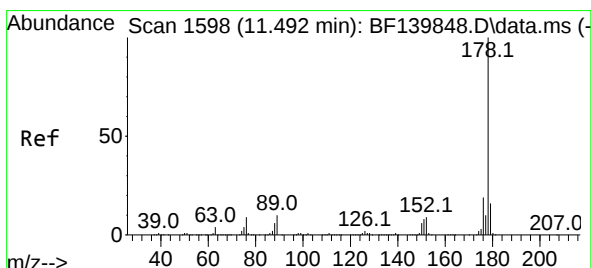
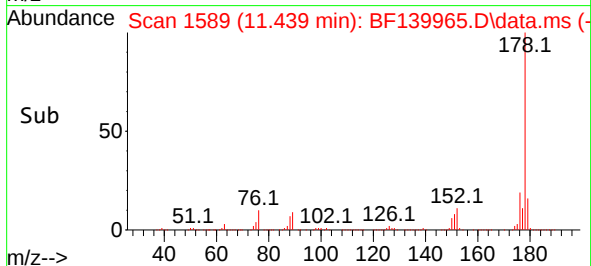
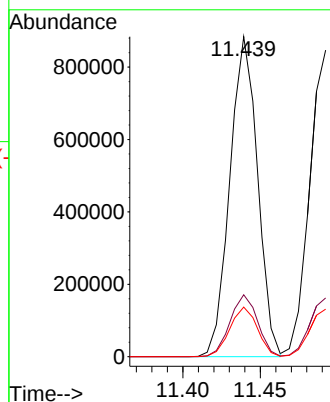
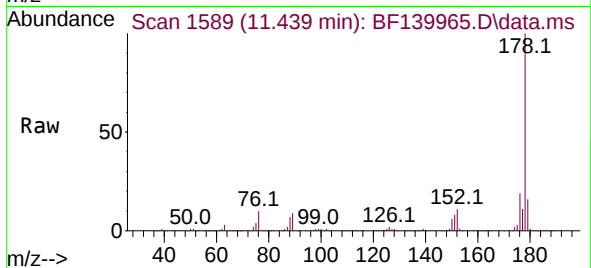
179 15.5 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#72

Anthracene

Concen: 38.790 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

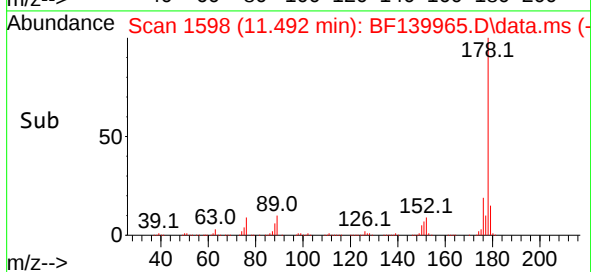
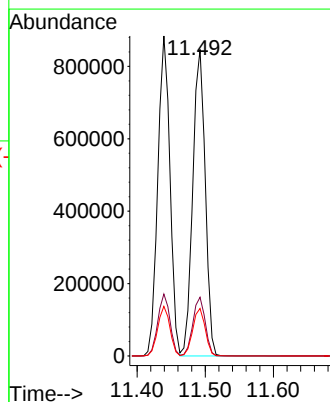
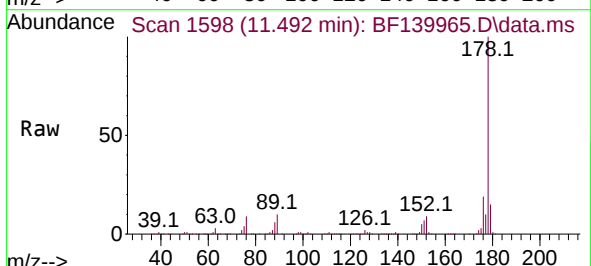
Tgt Ion:178 Resp: 1067309

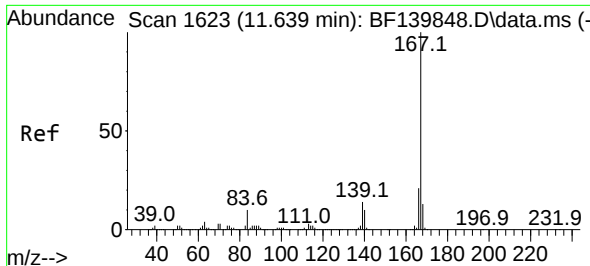
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.4 18.6





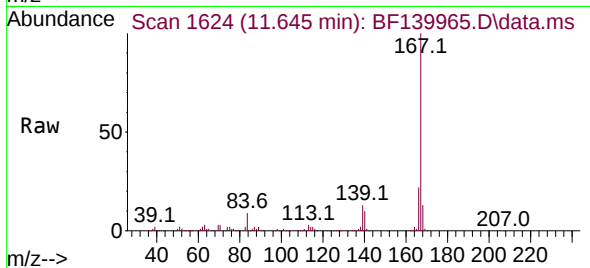
#73
 Carbazole
 Concen: 38.049 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



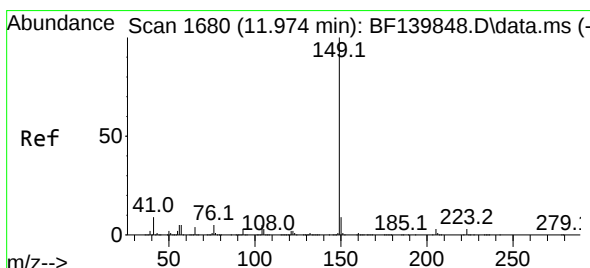
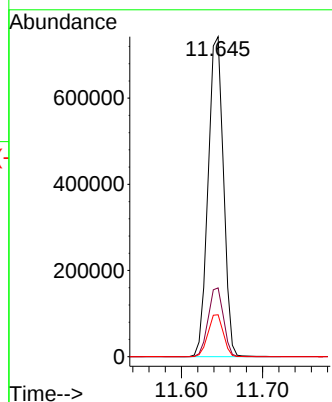
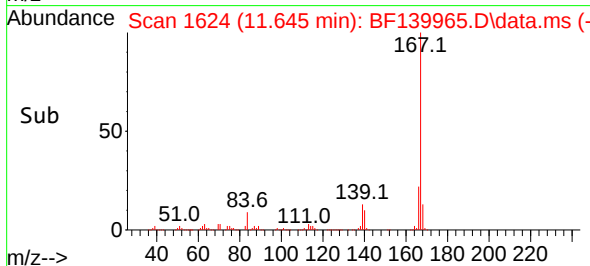
Tgt Ion:167 Resp: 973648
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.1 10.8 16.2

Manual Integrations

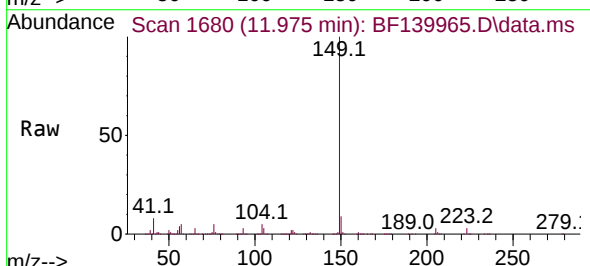
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

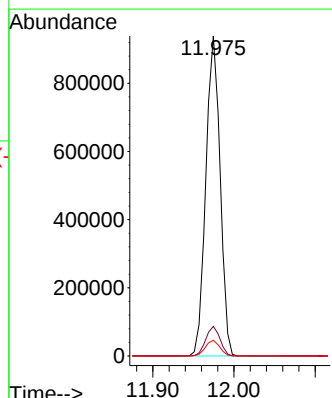
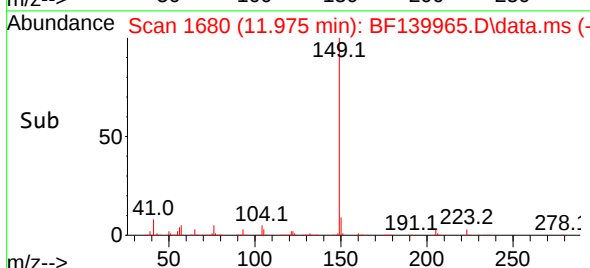
Supervised By :mohammad ahmed 10/24/2024

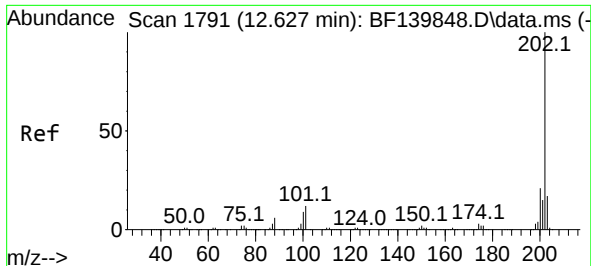


#74
 Di-n-butylphthalate
 Concen: 38.625 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30



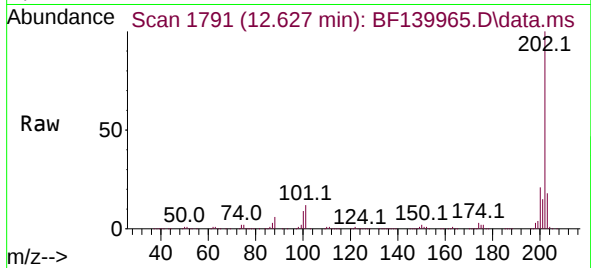
Tgt Ion:149 Resp: 1141943
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 37.408 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

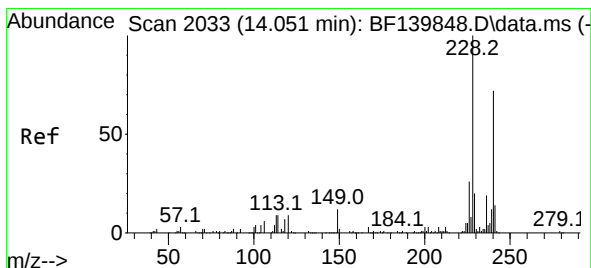
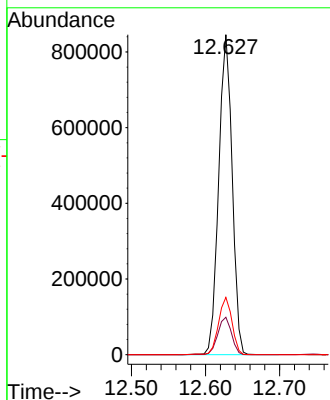
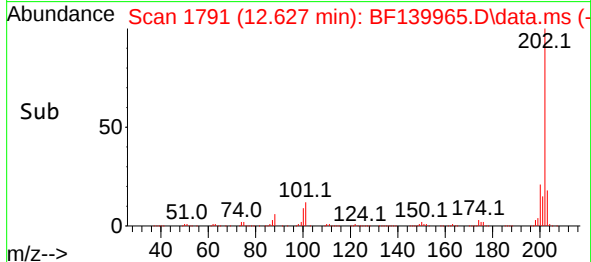
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



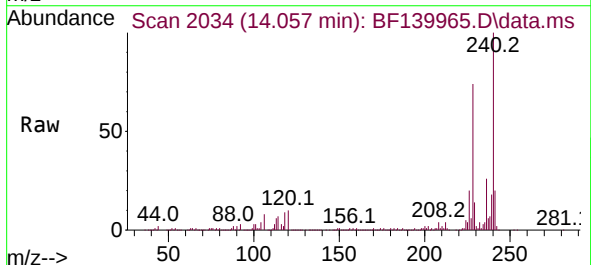
Tgt Ion:202 Resp: 1066450
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.9
203 17.9 0.0 37.5

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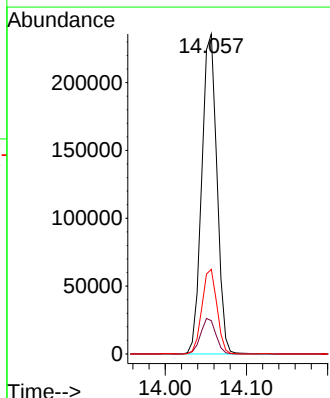
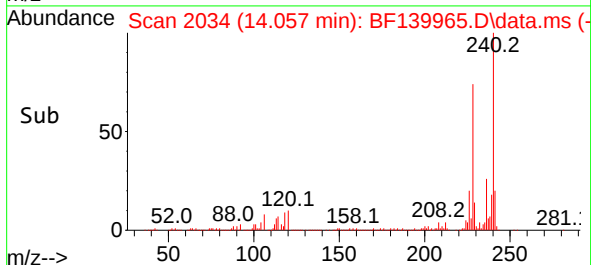
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

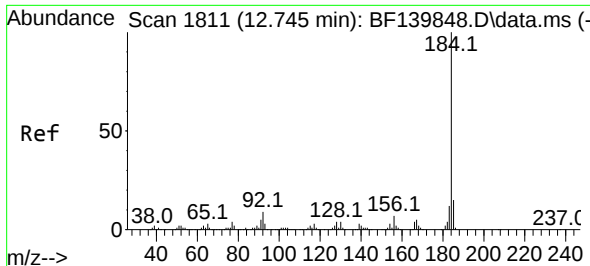


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



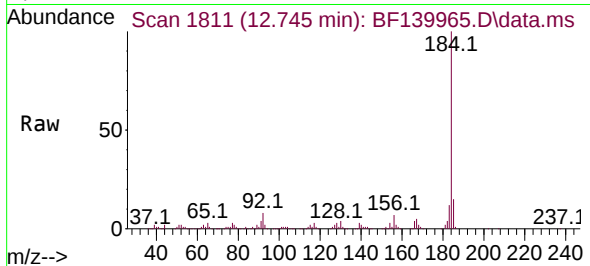
Tgt Ion:240 Resp: 306092
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.5 20.9 31.3





#77
Benzidine
Concen: 62.699 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

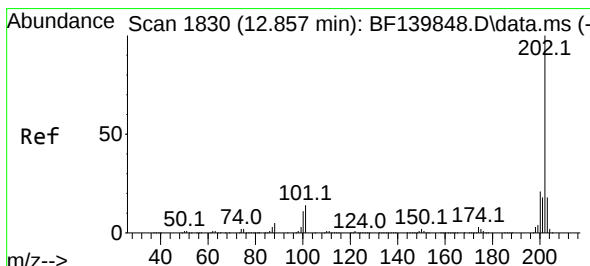
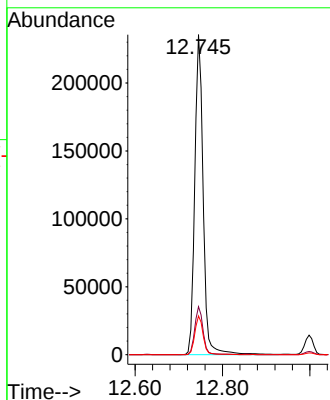
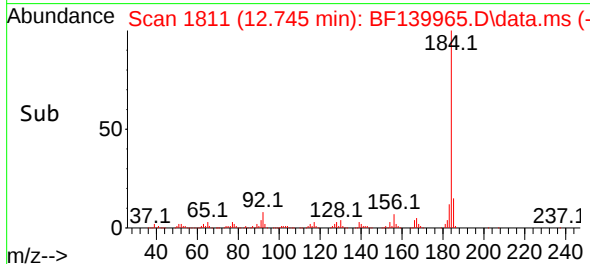
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



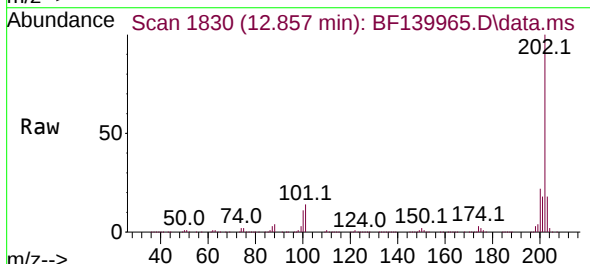
Tgt Ion:184 Resp: 31557
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 12.1 9.4 14.2

Manual Integrations
APPROVED

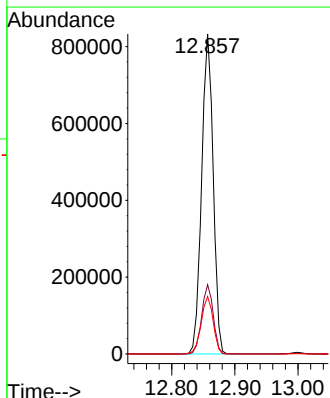
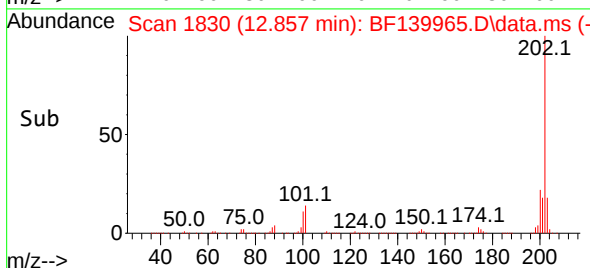
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

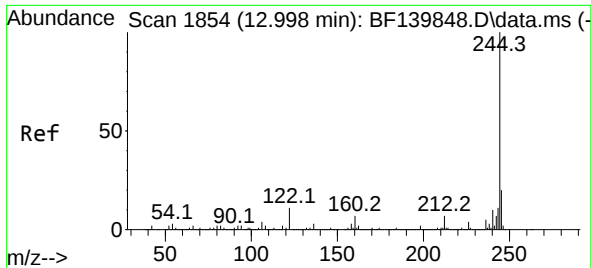


#78
Pyrene
Concen: 39.552 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:202 Resp: 1059713
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 18.0 14.2 21.4





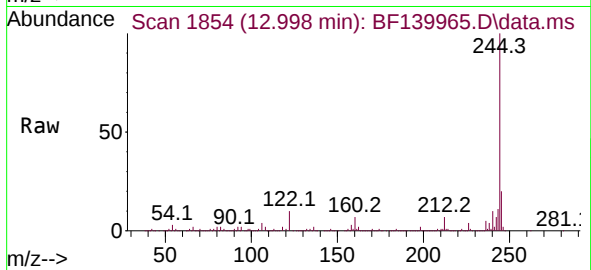
#79
 Terphenyl-d14
 Concen: 80.002 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



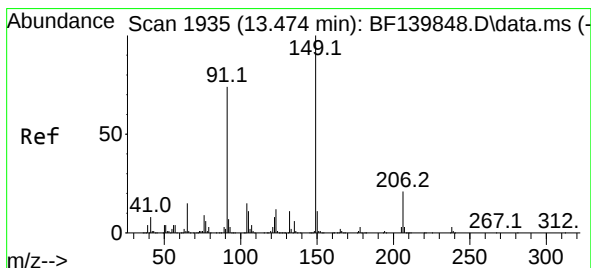
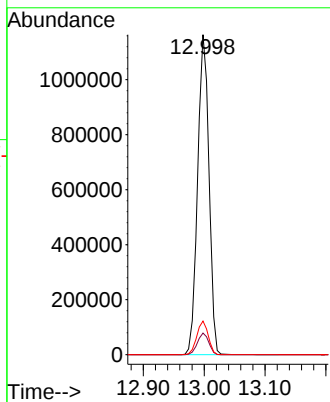
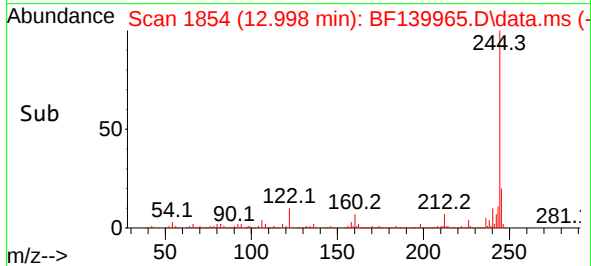
Tgt Ion:244 Resp: 150280
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.5 8.6 13.0

Manual Integrations

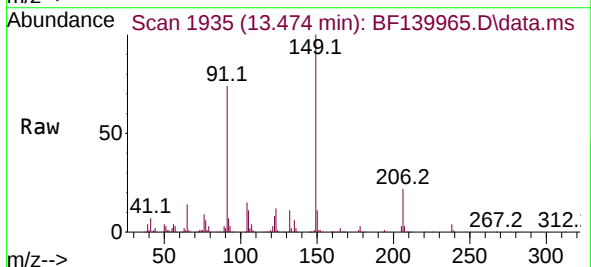
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

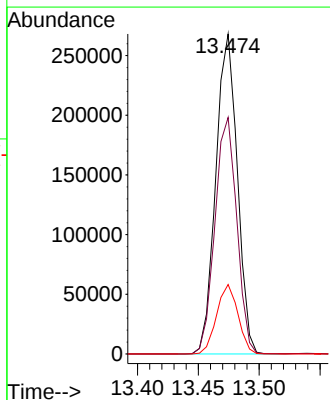
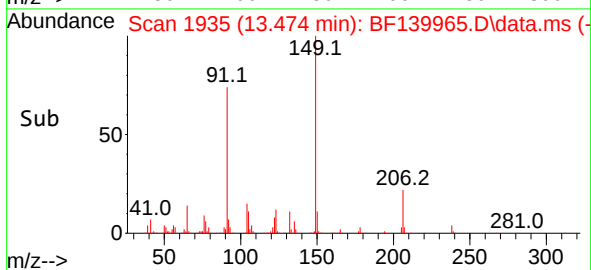
Supervised By :mohammad ahmed 10/24/2024

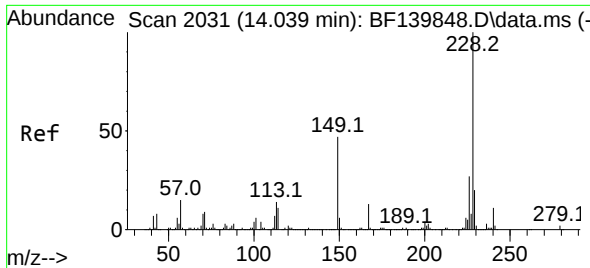


#80
 Butylbenzylphthalate
 Concen: 41.146 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139965.D
 Acq: 23 Oct 2024 15:30



Tgt Ion:149 Resp: 330514
 Ion Ratio Lower Upper
 149 100
 91 73.9 59.4 89.2
 206 21.7 16.4 24.6





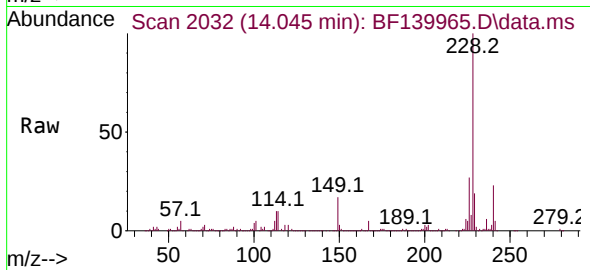
#81
Benzo(a)anthracene
Concen: 39.712 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

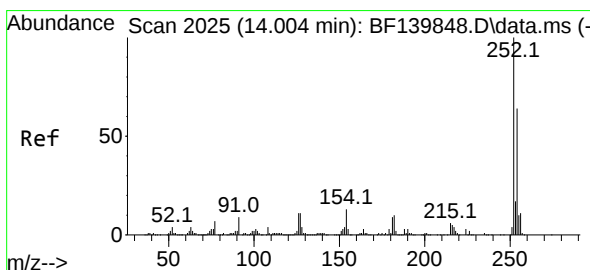
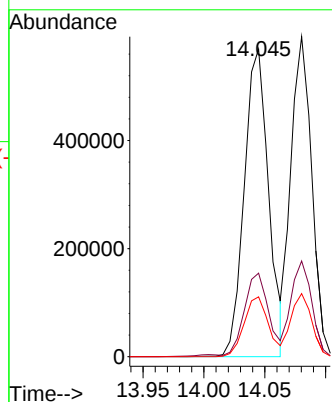
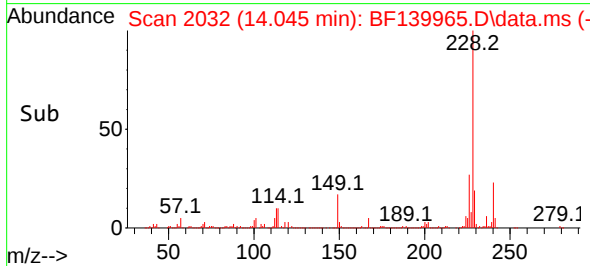


Tgt Ion:228 Resp: 791290
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.4 16.1 24.1

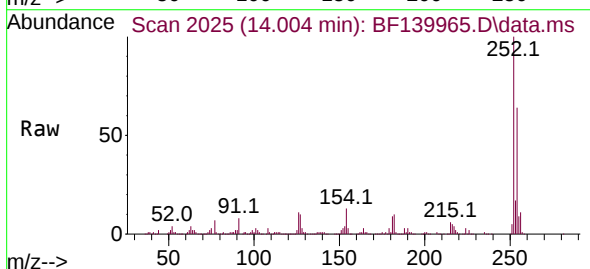
Manual Integrations

APPROVED

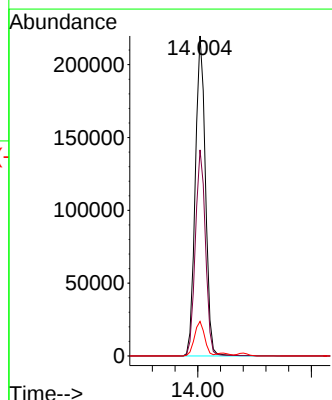
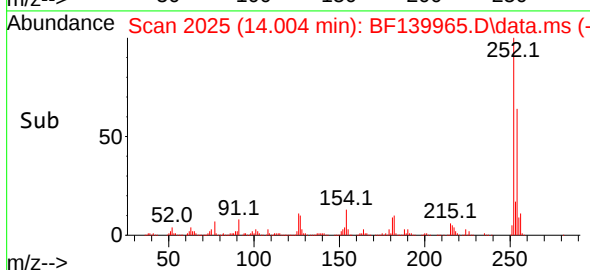
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#82
3,3'-Dichlorobenzidine
Concen: 47.107 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30



Tgt Ion:252 Resp: 273674
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 10.8 8.9 13.3





#83

Chrysene

Concen: 38.777 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139965.D

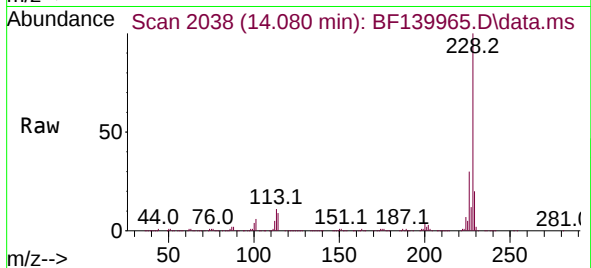
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 708429

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

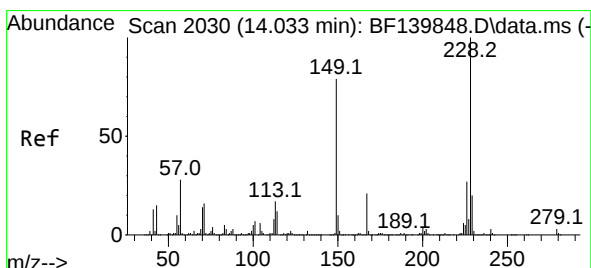
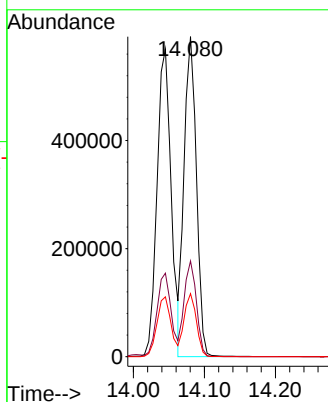
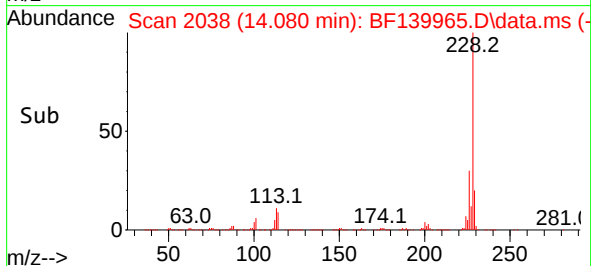
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.227 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

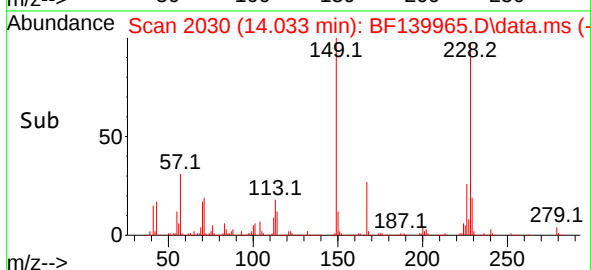
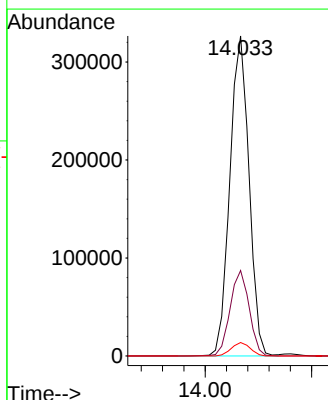
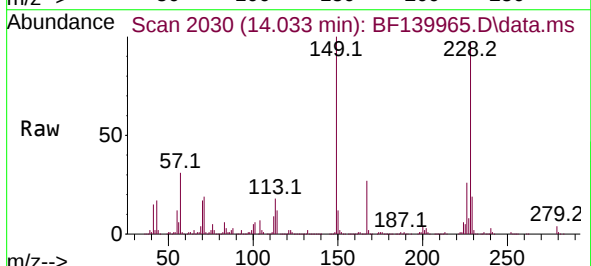
Tgt Ion:149 Resp: 407600

Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

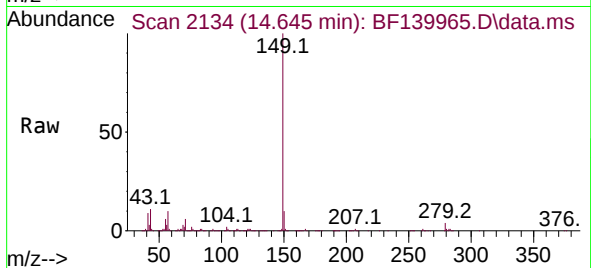
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 44.726 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

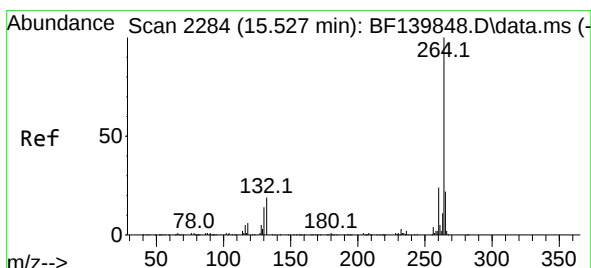
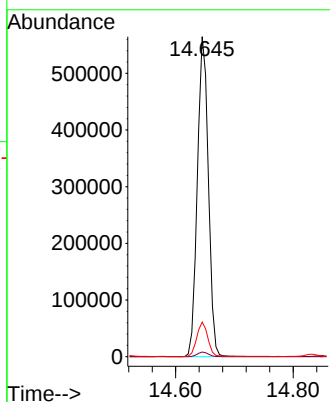
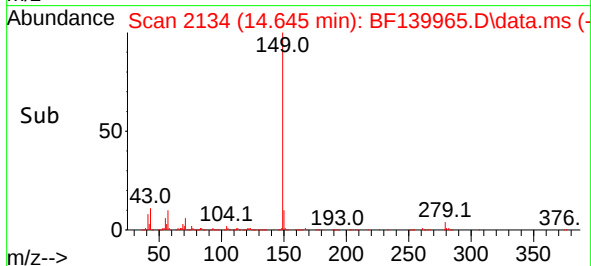
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 73315
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 9.8 14.6

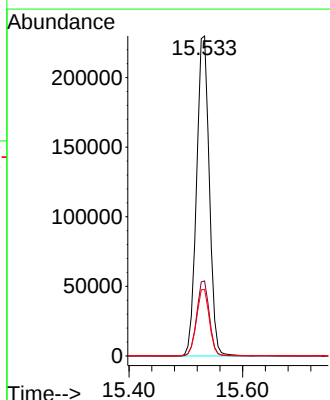
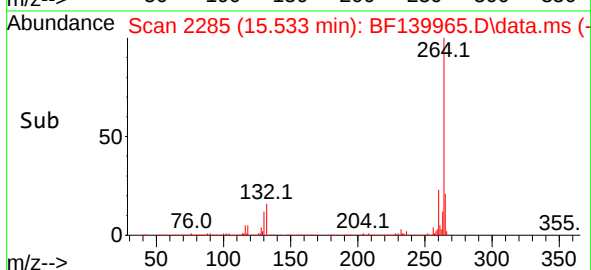
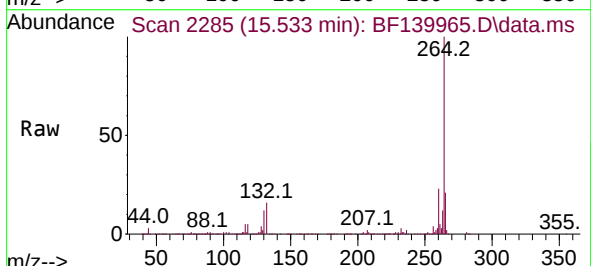
Manual Integrations
APPROVED

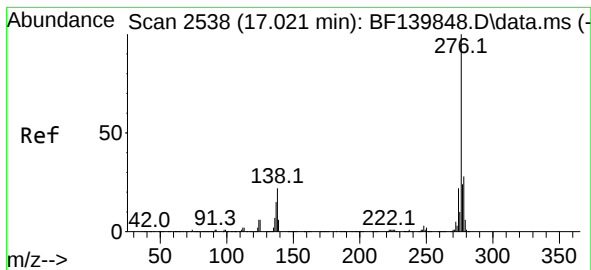
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:264 Resp: 358871
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 20.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.805 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 918984

Ion Ratio Lower Upper

276 100

138 23.8 20.4 30.6

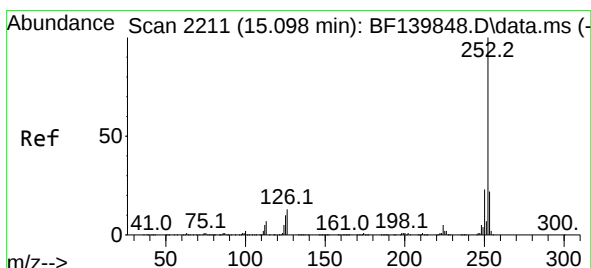
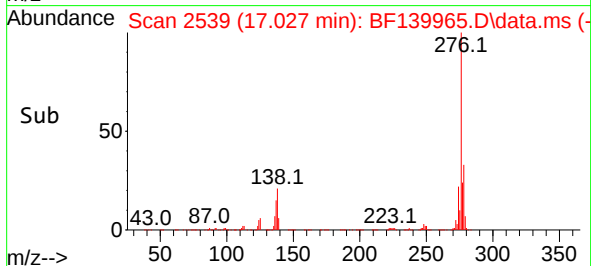
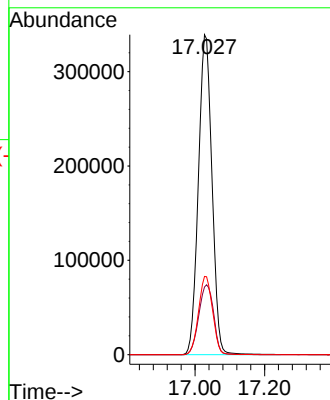
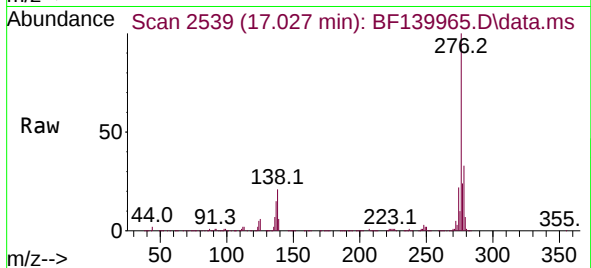
277 25.2 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#88

Benzo(b)fluoranthene

Concen: 35.551 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

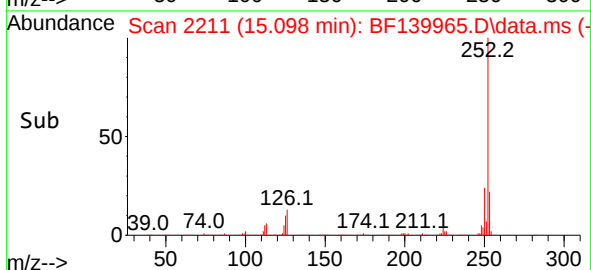
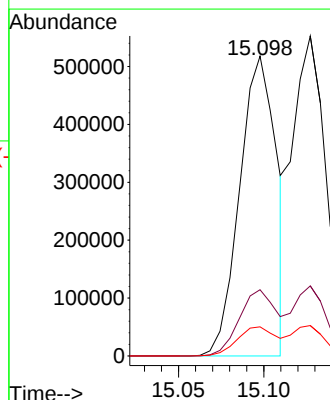
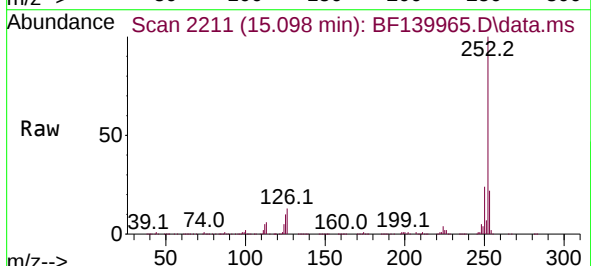
Tgt Ion:252 Resp: 777166

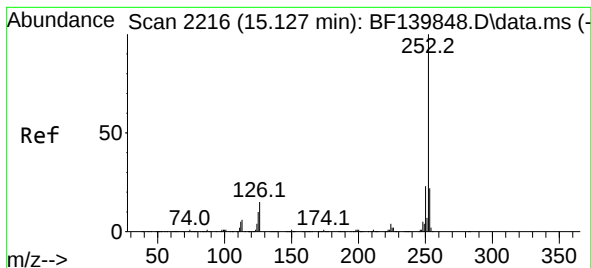
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 39.905 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139965.D

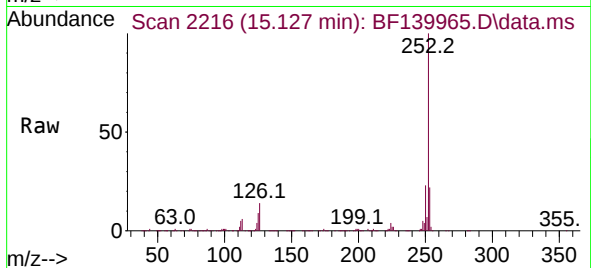
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:252 Resp: 75233

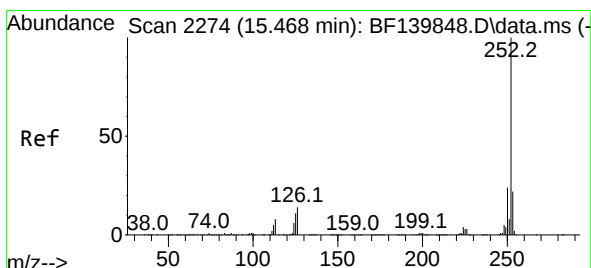
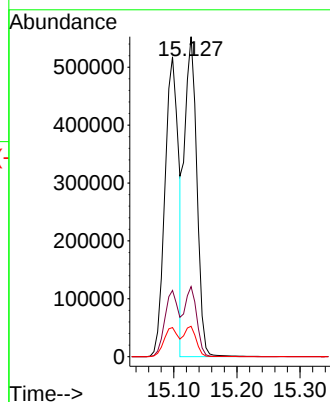
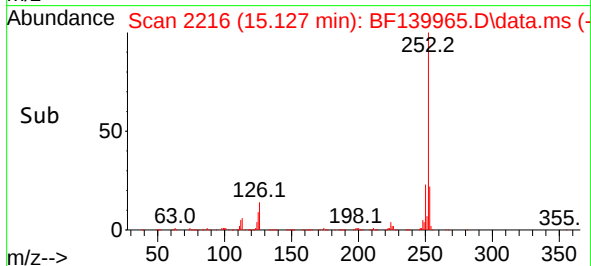
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.5	7.9	11.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#90

Benzo(a)pyrene

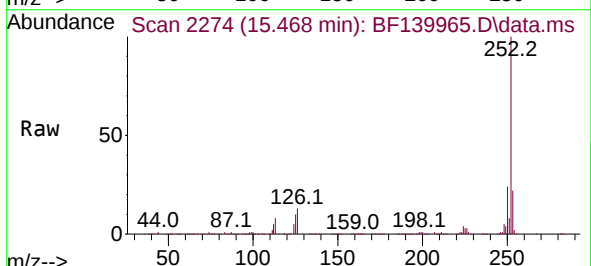
Concen: 39.029 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

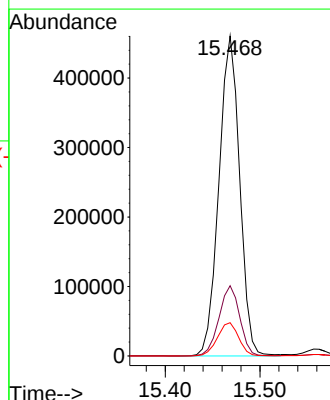
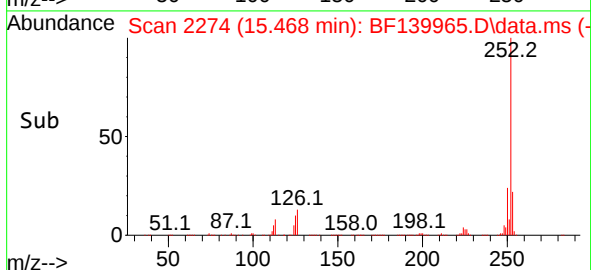
Lab File: BF139965.D

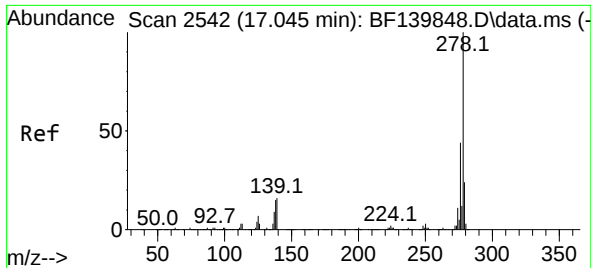
Acq: 23 Oct 2024 15:30



Tgt Ion:252 Resp: 702054

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.4	8.7	13.1





#91
Dibenzo(a,h)anthracene
Concen: 39.504 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Instrument :

BNA_F

ClientSampleId :

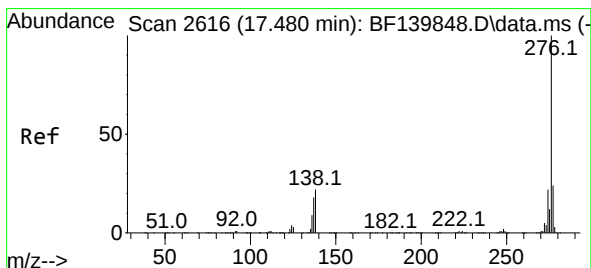
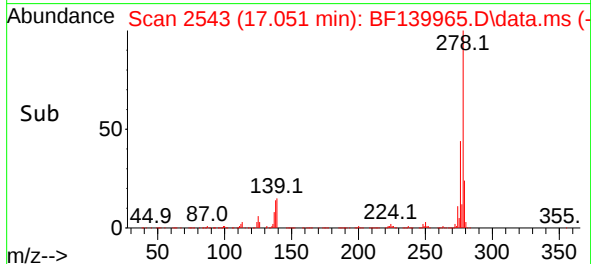
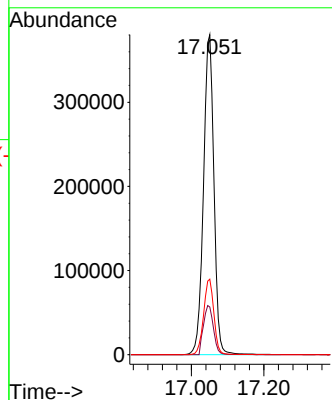
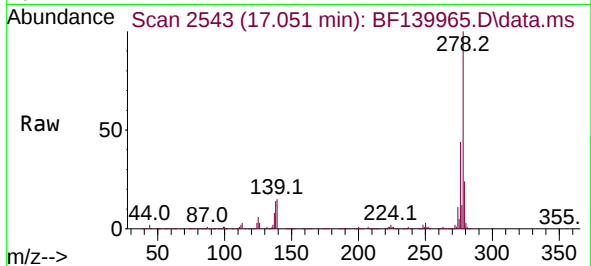
SSTDCCC040

Tgt Ion:278 Resp: 76084
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 23.6 19.0 28.4

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.298 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF139965.D
Acq: 23 Oct 2024 15:30

Tgt Ion:276 Resp: 756017
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 21.5 17.4 26.0

