

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139787.D
 Acq On : 14 Oct 2024 14:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 14 15:08:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	106437	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	392664	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	208571	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	338151	20.000	ng	0.00
76) Chrysene-d12	14.027	240	160091	20.000	ng	0.00
86) Perylene-d12	15.504	264	184260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	480527	78.250	ng	0.00
7) Phenol-d6	6.504	99	643522	77.925	ng	0.00
23) Nitrobenzene-d5	7.434	82	589886	76.060	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	134718	66.910	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1068432	78.642	ng	0.00
79) Terphenyl-d14	12.974	244	763736	78.278	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	102561	38.630	ng	98
3) Pyridine	3.387	79	248500	38.485	ng	96
4) n-Nitrosodimethylamine	3.346	42	153792	36.387	ng	93
6) Aniline	6.528	93	252517	34.459	ng	# 77
8) 2-Chlorophenol	6.651	128	258130	39.234	ng	99
9) Benzaldehyde	6.416	77	174129	39.805	ng	99
10) Phenol	6.516	94	337110	38.822	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	264163	37.363	ng	97
12) 1,3-Dichlorobenzene	6.804	146	286331	38.686	ng	99
13) 1,4-Dichlorobenzene	6.881	146	288193	38.445	ng	99
14) 1,2-Dichlorobenzene	7.034	146	270905	38.560	ng	99
15) Benzyl Alcohol	7.010	79	234732	37.201	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	447555	36.566	ng	88
17) 2-Methylphenol	7.122	107	211783	38.558	ng	98
18) Hexachloroethane	7.375	117	106135	37.959	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	192792	36.312	ng	98
20) 3+4-Methylphenols	7.275	107	262563	38.059	ng	97
22) Acetophenone	7.275	105	359348	38.554	ng	96
24) Nitrobenzene	7.451	77	305601	38.054	ng	99
25) Isophorone	7.686	82	516910	37.526	ng	100
26) 2-Nitrophenol	7.763	139	138206	40.031	ng	99
27) 2,4-Dimethylphenol	7.804	122	165460	39.149	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	318363	38.705	ng	99
29) 2,4-Dichlorophenol	8.010	162	217021	39.367	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	245446	39.370	ng	99
31) Naphthalene	8.169	128	788053	39.253	ng	100
32) Benzoic acid	7.934	122	157150	37.394	ng	98
33) 4-Chloroaniline	8.222	127	244060	35.914	ng	98
34) Hexachlorobutadiene	8.281	225	156670	38.832	ng	99
35) Caprolactam	8.592	113	61602	34.069	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	227520	36.459	ng	100
37) 2-Methylnaphthalene	8.857	142	498462	38.122	ng	99
38) 1-Methylnaphthalene	8.957	142	479984	37.554	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	235182	40.607	ng	99
41) Hexachlorocyclopentadiene	9.010	237	84502	47.583	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	148171	37.950	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	160815	38.193	ng	98
46) 1,1'-Biphenyl	9.322	154	608723	39.240	ng	99
47) 2-Chloronaphthalene	9.351	162	467672	40.214	ng	98
48) 2-Nitroaniline	9.445	65	154095	36.912	ng	100
49) Acenaphthylene	9.763	152	682680	38.600	ng	100
50) Dimethylphthalate	9.622	163	505012	36.988	ng	100
51) 2,6-Dinitrotoluene	9.692	165	115296	37.383	ng	90
52) Acenaphthene	9.939	154	468637m	38.598	ng	
53) 3-Nitroaniline	9.857	138	105213	33.382	ng	100
54) 2,4-Dinitrophenol	9.969	184	62398	37.614	ng	97
55) Dibenzofuran	10.110	168	642495	37.795	ng	99
56) 4-Nitrophenol	10.028	139	98430	40.952	ng	89
57) 2,4-Dinitrotoluene	10.092	165	144017	35.724	ng	99
58) Fluorene	10.451	166	504613	37.269	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	115309	33.907	ng	97
60) Diethylphthalate	10.322	149	492898	34.952	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	253605	37.439	ng	98
62) 4-Nitroaniline	10.469	138	100521	31.180	ng	96
63) Azobenzene	10.604	77	505068	35.613	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	70515	36.922	ng	92
66) n-Nitrosodiphenylamine	10.563	169	417240	41.860	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	144798	41.764	ng	98
68) Hexachlorobenzene	10.998	284	155169	40.333	ng	99
69) Atrazine	11.086	200	94769	35.437	ng	97
70) Pentachlorophenol	11.198	266	92484	40.371	ng	100
71) Phenanthrene	11.416	178	619982	38.885	ng	99
72) Anthracene	11.463	178	604668	38.334	ng	100
73) Carbazole	11.622	167	535017	35.315	ng	99
74) Di-n-butylphthalate	11.945	149	656636	35.643	ng	99
75) Fluoranthene	12.604	202	588269	33.752	ng	99
77) Benzidine	12.727	184	114146	40.423	ng	99
78) Pyrene	12.833	202	575338	40.182	ng	99
80) Butylbenzylphthalate	13.445	149	208497	40.710	ng	96
81) Benzo(a)anthracene	14.015	228	409902	38.944	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	134818	41.853	ng	99
83) Chrysene	14.057	228	373538	38.818	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	287398	44.939	ng	100
85) Di-n-octyl phthalate	14.615	149	493478	52.523	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	399412	36.829	ng	99
88) Benzo(b)fluoranthene	15.074	252	407722	34.222	ng	100
89) Benzo(k)fluoranthene	15.104	252	368811	36.493	ng	99
90) Benzo(a)pyrene	15.439	252	339098	36.097	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	307079	34.139	ng	99
92) Benzo(g,h,i)perylene	17.433	276	345290	38.275	ng	99

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

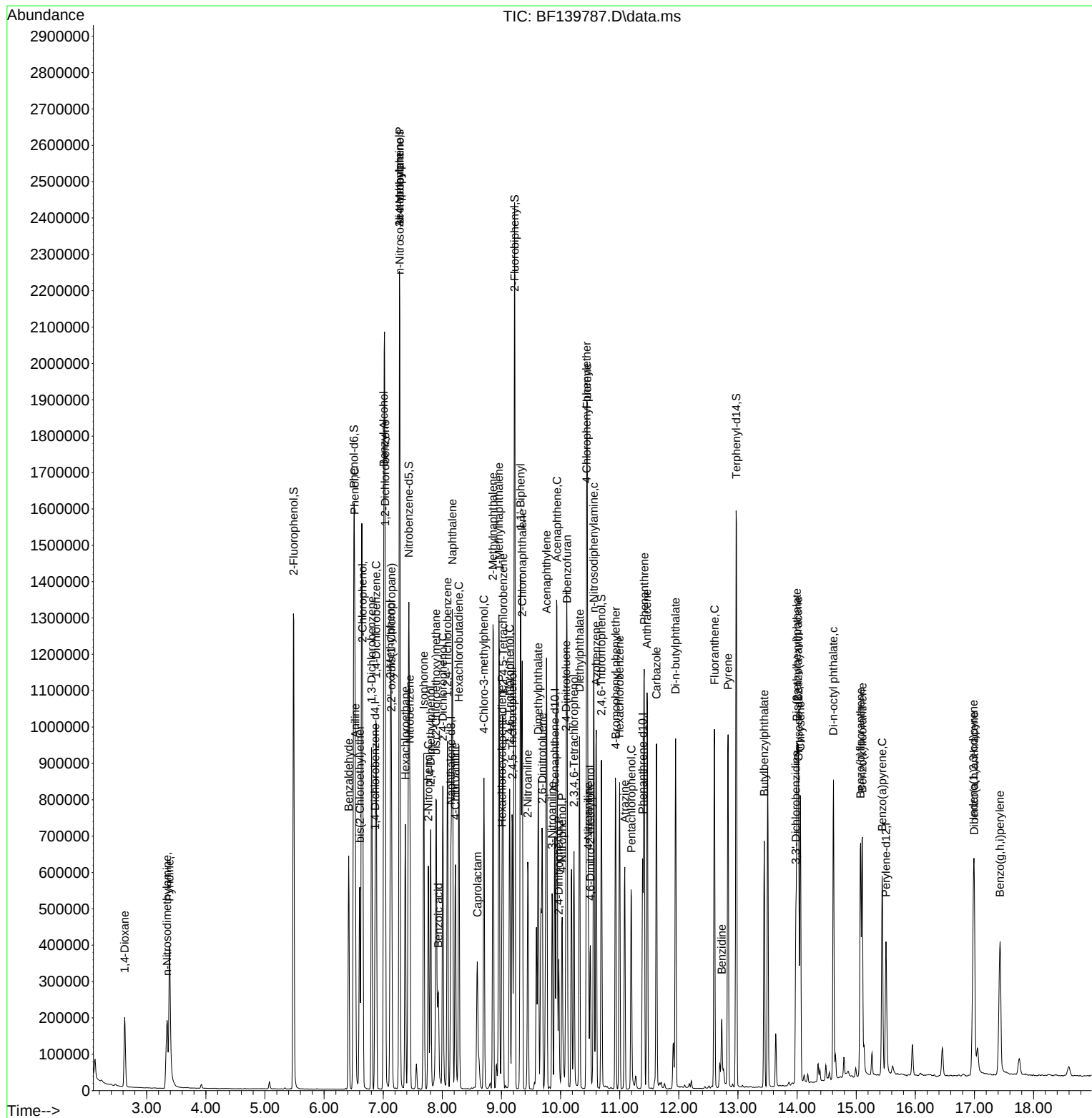
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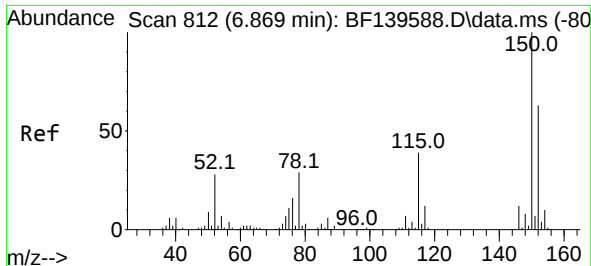
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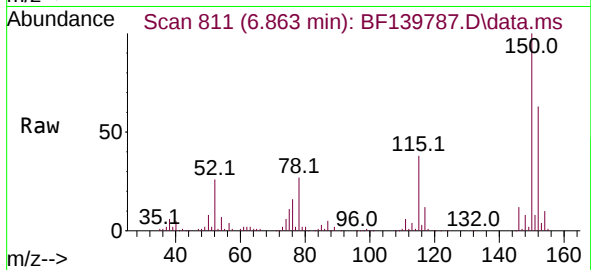
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

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ClientSampleId :

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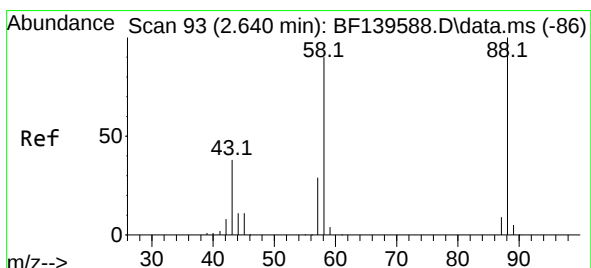
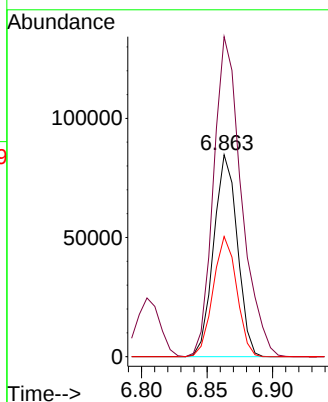
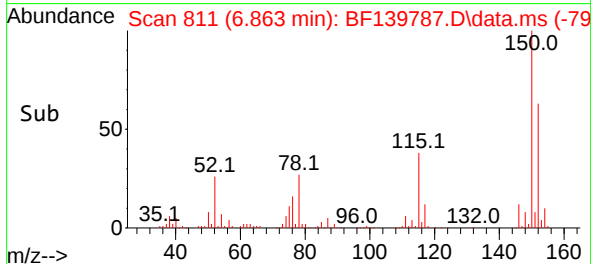


Tgt Ion:152 Resp: 10643
Ion Ratio Lower Upper
152 100
150 158.5 127.2 190.8
115 59.6 49.0 73.4

Manual Integrations

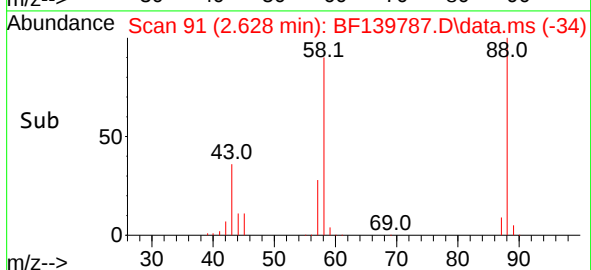
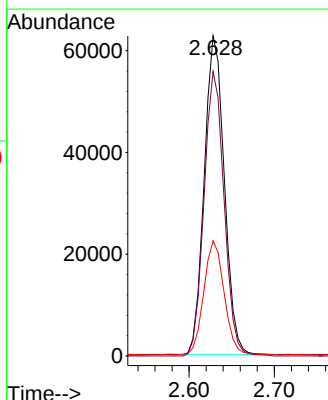
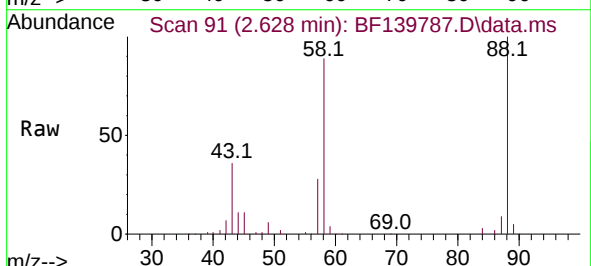
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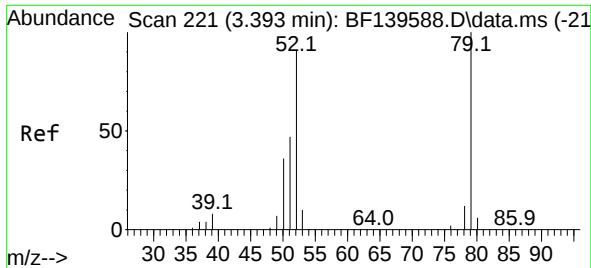
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#2
1,4-Dioxane
Concen: 38.630 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion: 88 Resp: 102561
Ion Ratio Lower Upper
88 100
58 89.0 72.0 108.0
43 36.3 30.8 46.2





#3

Pyridine

Concen: 38.485 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 248500

Ion Ratio Lower Upper

79 100

52 86.7 72.6 109.0

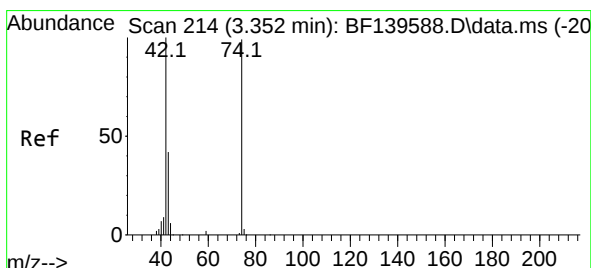
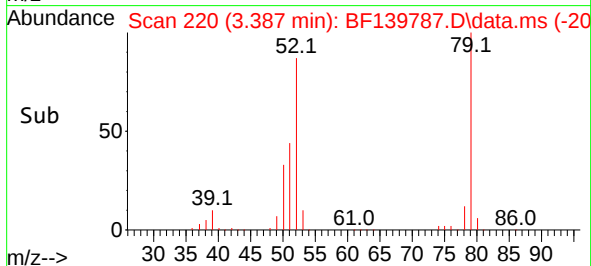
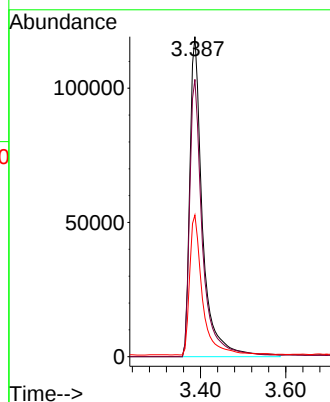
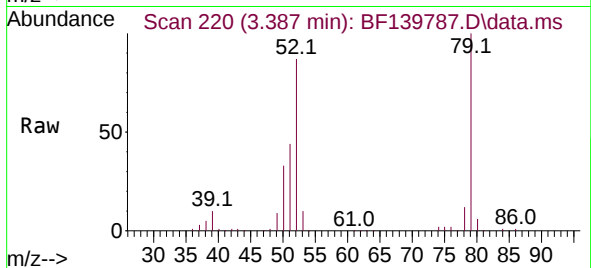
51 44.2 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/15/2024



#4

n-Nitrosodimethylamine

Concen: 36.387 ng

RT: 3.346 min Scan# 213

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

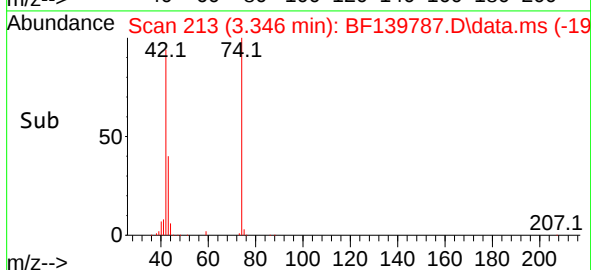
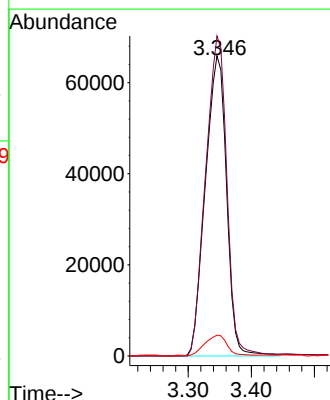
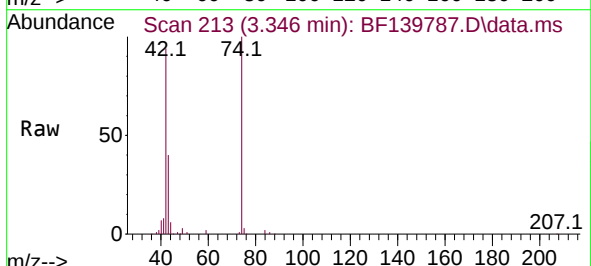
Tgt Ion: 42 Resp: 153792

Ion Ratio Lower Upper

42 100

74 106.6 79.0 118.6

44 6.9 5.2 7.8





#5
2-Fluorophenol
Concen: 78.250 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

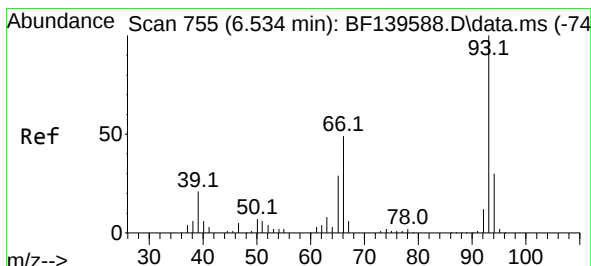
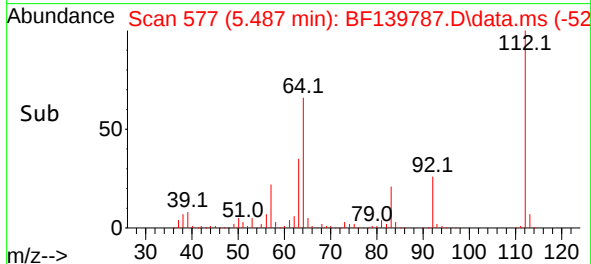
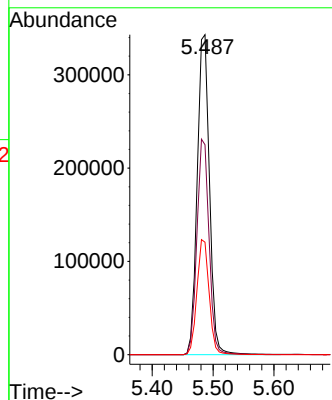
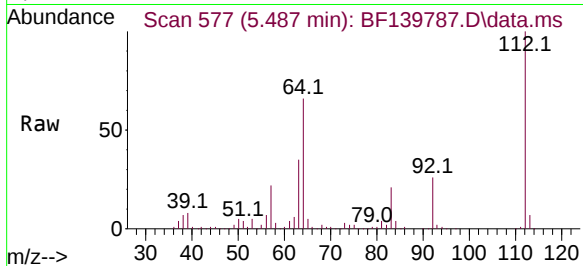
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 48052
Ion Ratio Lower Upper
112 100
64 65.6 54.2 81.4
63 35.1 29.4 44.2

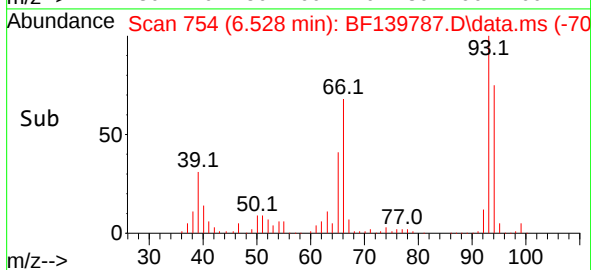
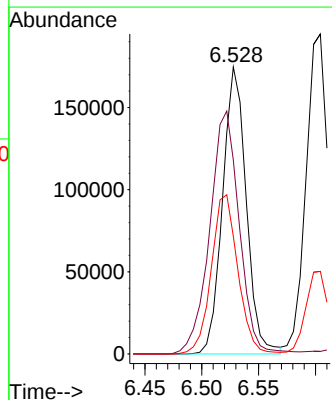
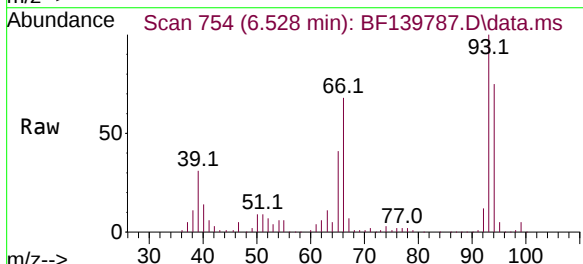
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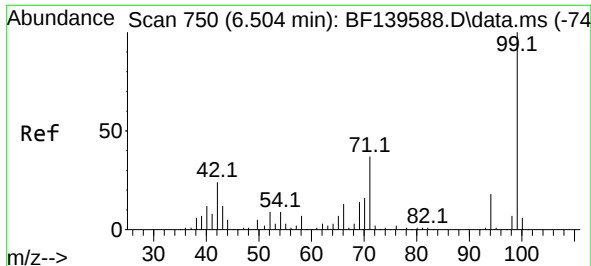
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#6
Aniline
Concen: 34.459 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139787.D
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Tgt Ion: 93 Resp: 252517
Ion Ratio Lower Upper
93 100
66 67.6 40.9 61.3#
65 41.0 23.3 34.9#





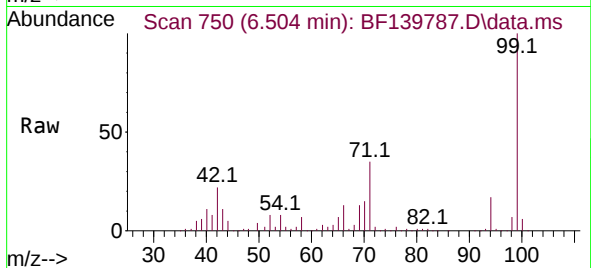
#7
Phenol-d6
Concen: 77.925 ng
RT: 6.504 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

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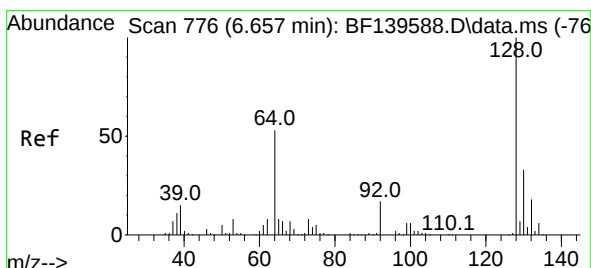
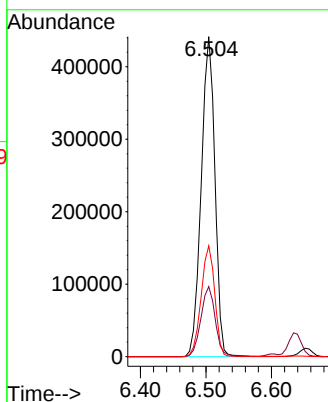
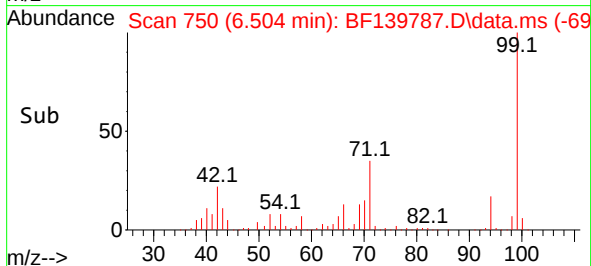


Tgt Ion: 99 Resp: 64352
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 34.6 29.7 44.5

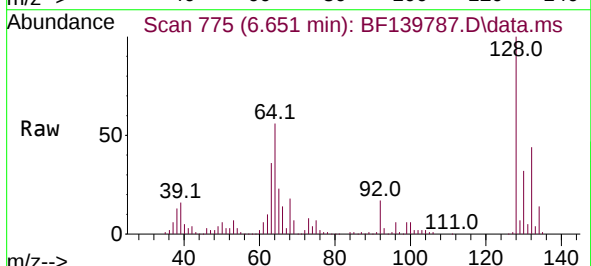
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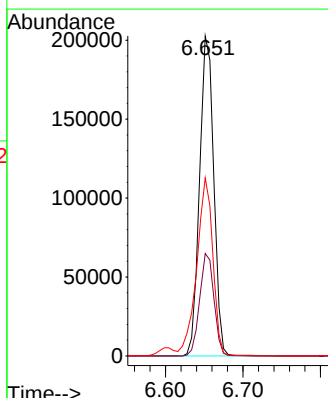
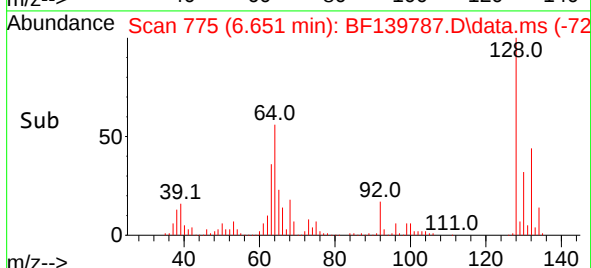
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#8
2-Chlorophenol
Concen: 39.234 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:128 Resp: 258130
Ion Ratio Lower Upper
128 100
130 32.0 13.2 53.2
64 55.6 35.1 75.1





#9
Benzaldehyde
Concen: 39.805 ng
RT: 6.416 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF139787.D
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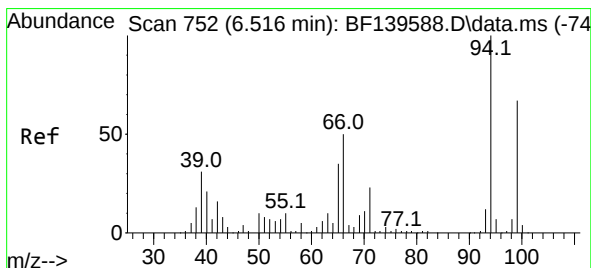
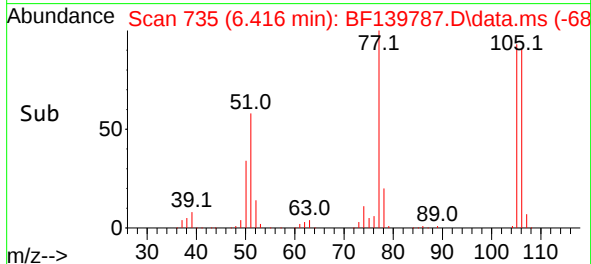
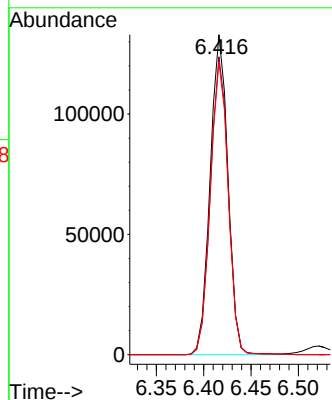
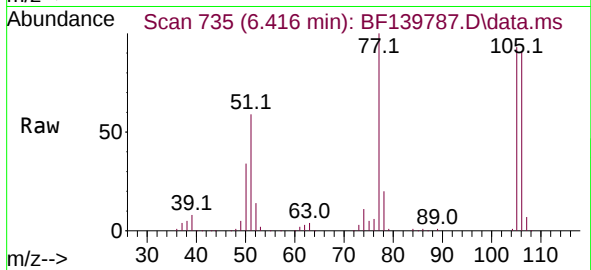
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Ion Ratio Lower Upper
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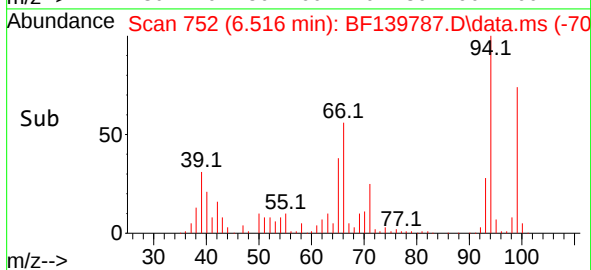
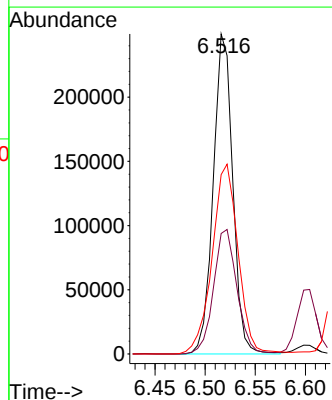
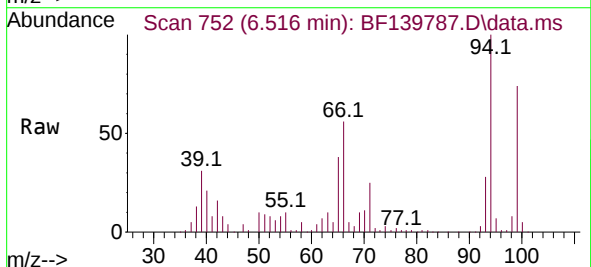
Reviewed By :Yogesh Patel 10/15/2024

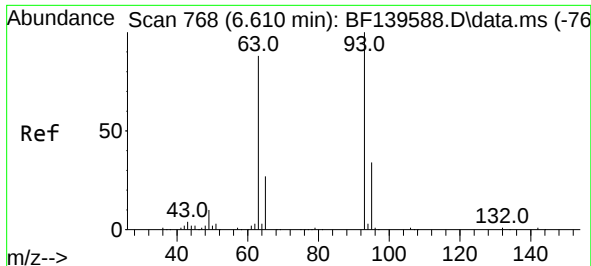
Supervised By :mohammad ahmed 10/15/2024



#10
Phenol
Concen: 38.822 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion: 94 Resp: 337110
Ion Ratio Lower Upper
94 100
65 37.6 15.3 55.3
66 56.1 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 37.363 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

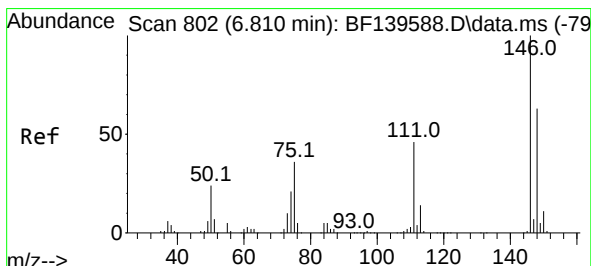
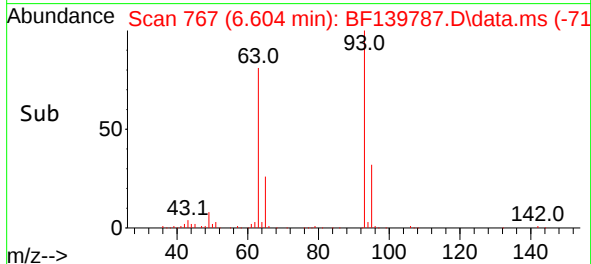
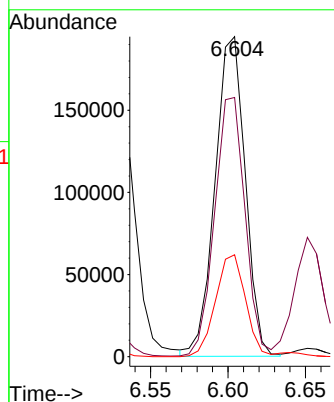
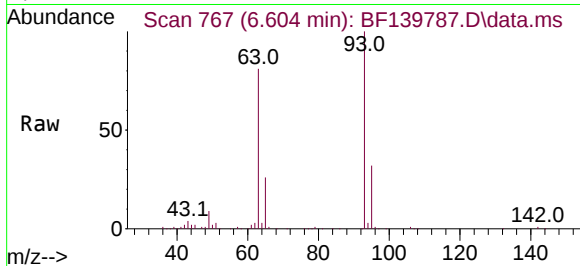
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 26416
Ion Ratio Lower Upper
93 100
63 81.0 64.1 104.1
95 31.8 12.3 52.3

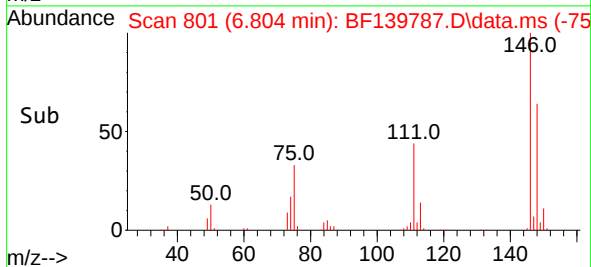
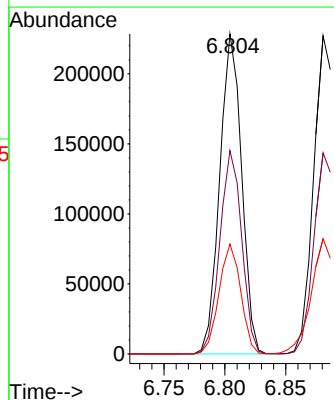
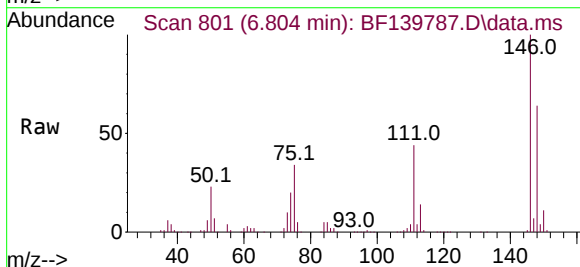
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#12
1,3-Dichlorobenzene
Concen: 38.686 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:146 Resp: 286331
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 34.4 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 38.445 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 28819

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

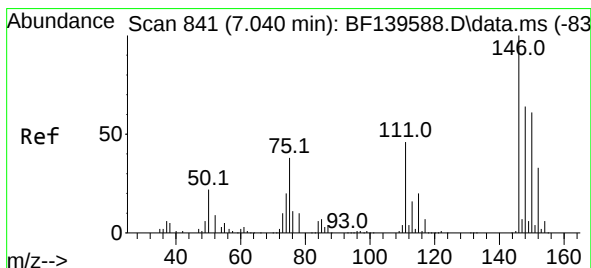
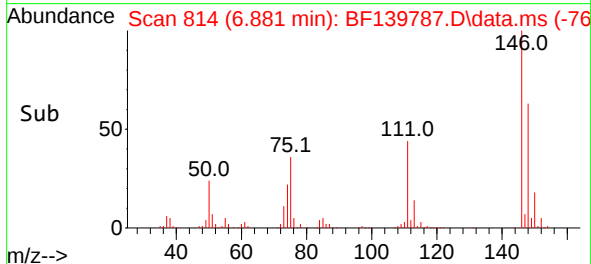
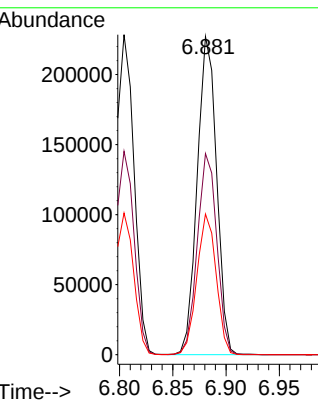
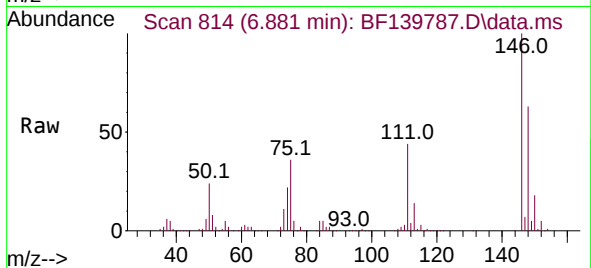
111 44.2 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#14

1,2-Dichlorobenzene

Concen: 38.560 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

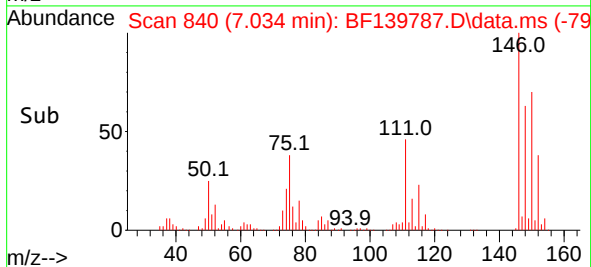
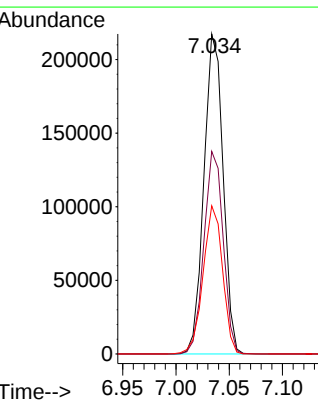
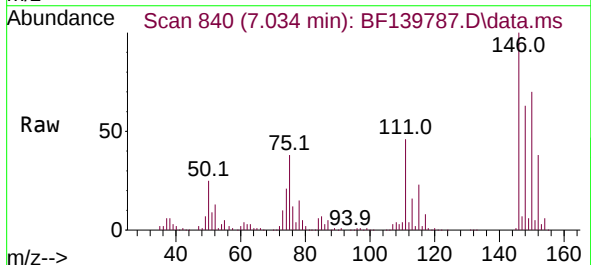
Tgt Ion:146 Resp: 270905

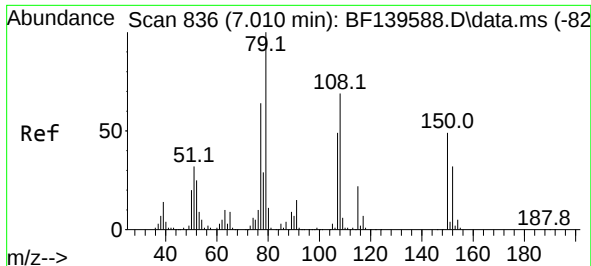
Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

111 46.3 37.0 55.6





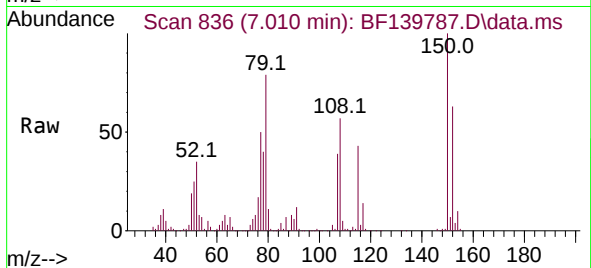
#15
Benzyl Alcohol
Concen: 37.201 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

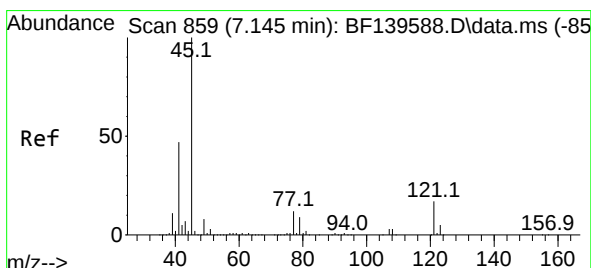
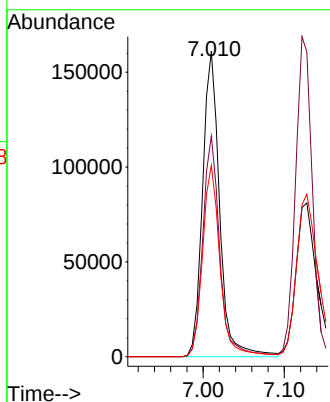
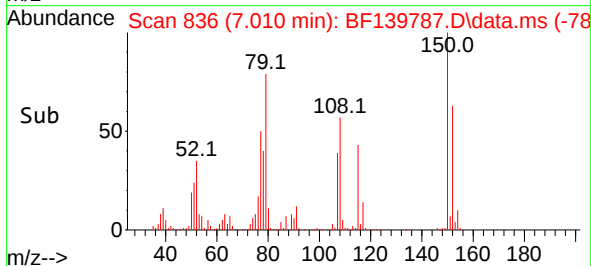


Tgt Ion: 79 Resp: 234732
Ion Ratio Lower Upper
79 100
108 72.3 55.1 82.7
77 62.7 50.8 76.2

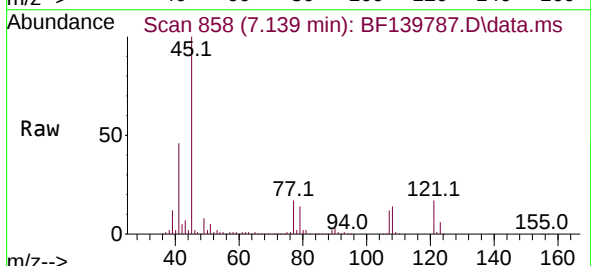
Manual Integrations

APPROVED

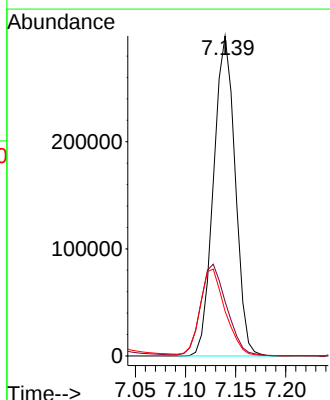
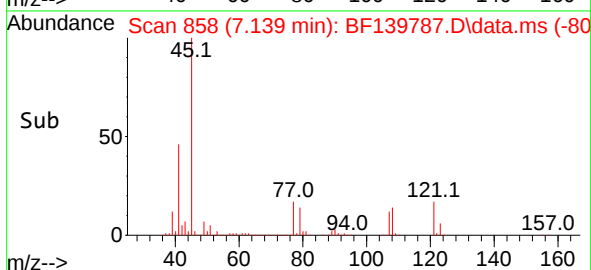
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024

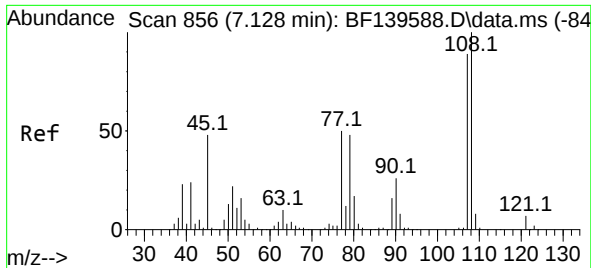


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.566 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion: 45 Resp: 447555
Ion Ratio Lower Upper
45 100
77 17.0 0.0 32.5
79 14.0 0.0 29.7





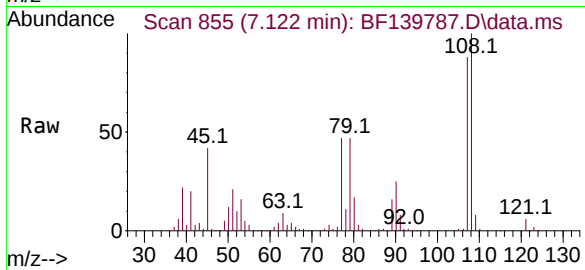
#17
2-Methylphenol
Concen: 38.558 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



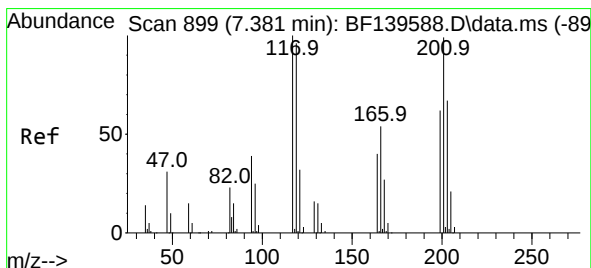
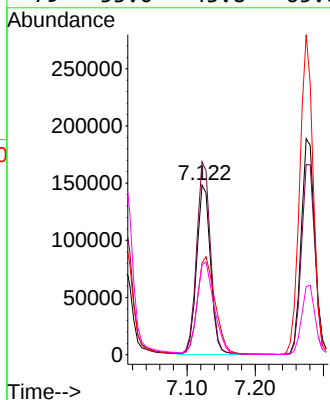
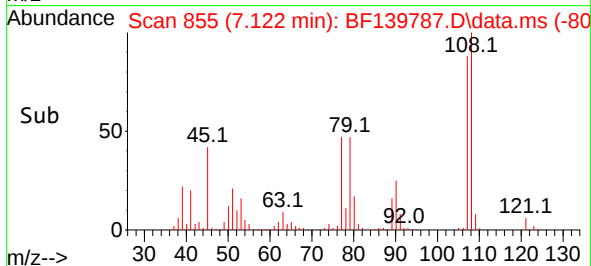
Tgt Ion:107 Resp: 21178
Ion Ratio Lower Upper
107 100
108 113.8 89.8 134.6
77 54.0 44.6 67.0
79 53.0 43.8 65.6

Manual Integrations

APPROVED

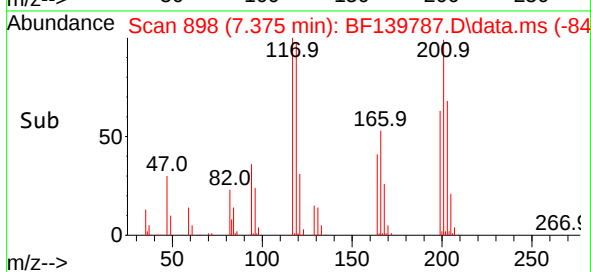
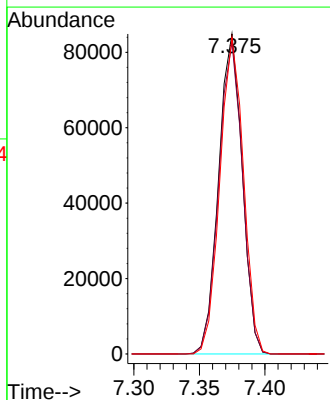
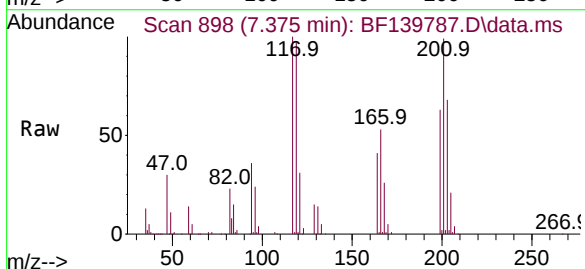
Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#18
Hexachloroethane
Concen: 37.959 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:117 Resp: 106135
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.6
201 98.9 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 36.312 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

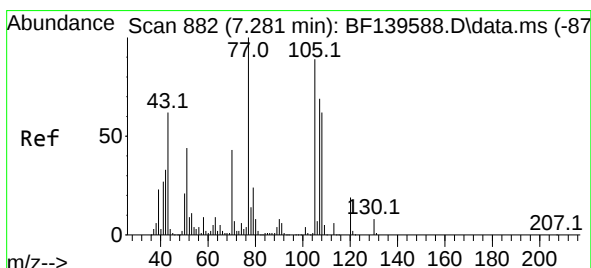
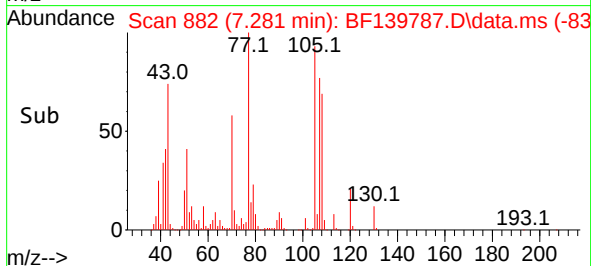
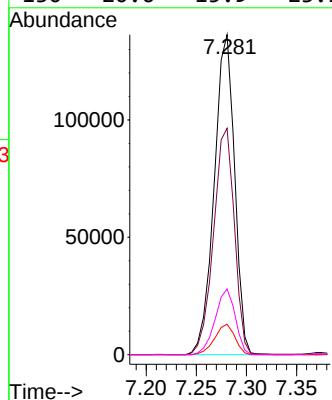
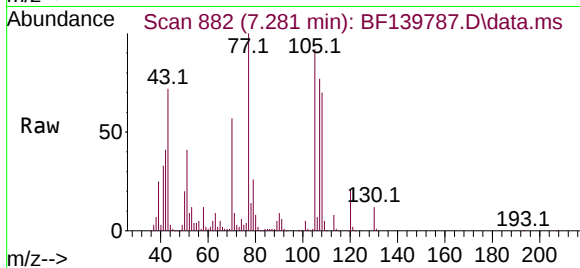
ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 192792
Ion Ratio Lower Upper
70 100
42 70.8 58.0 87.0
101 9.5 7.8 11.8
130 20.6 15.9 23.9

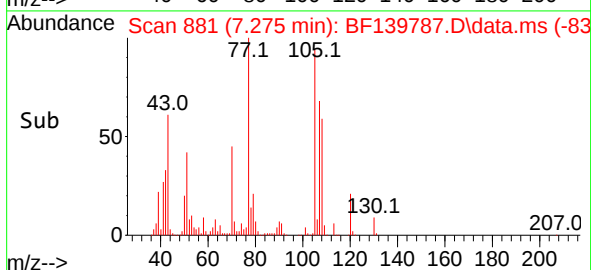
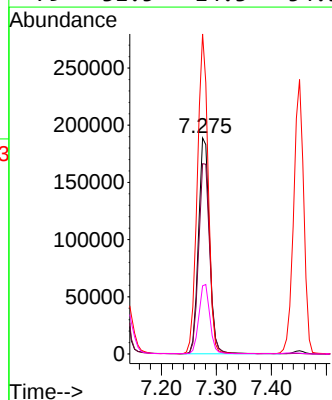
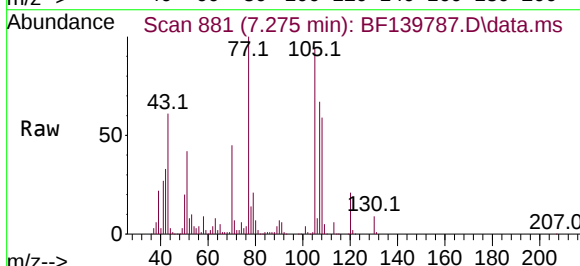
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#20
3+4-Methylphenols
Concen: 38.059 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:107 Resp: 262563
Ion Ratio Lower Upper
107 100
108 88.1 70.2 110.2
77 148.2 125.3 165.3
79 31.5 14.3 54.3





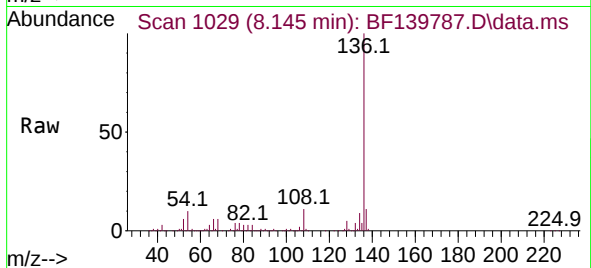
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



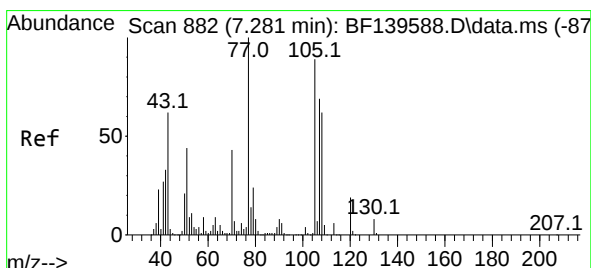
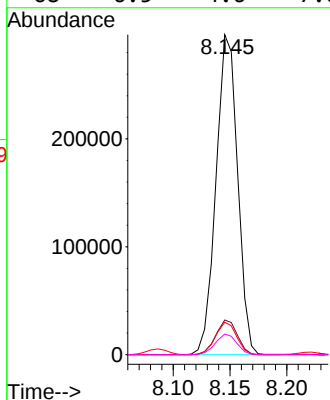
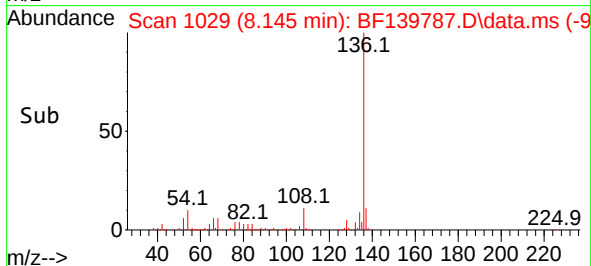
Tgt Ion:136 Resp: 392664
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.3 12.5
68 6.5 4.6 7.0

Manual Integrations

APPROVED

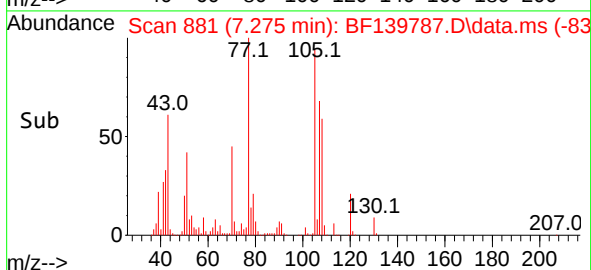
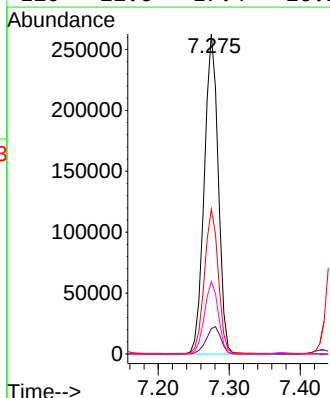
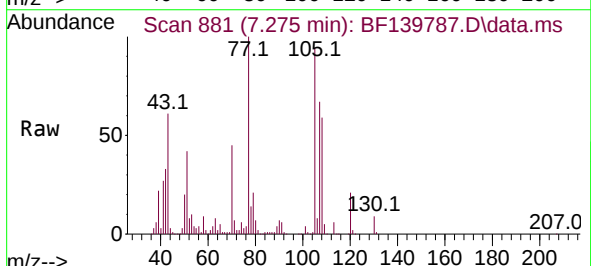
Reviewed By :Yogesh Patel 10/15/2024

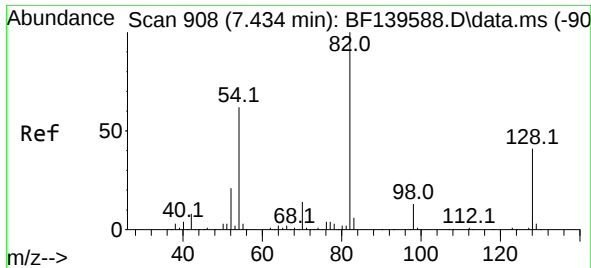
Supervised By :mohammad ahmed 10/15/2024



#22
Acetophenone
Concen: 38.554 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:105 Resp: 359348
Ion Ratio Lower Upper
105 100
71 7.9 6.6 10.0
51 45.2 39.4 59.0
120 22.6 17.4 26.2





#23

Nitrobenzene-d5

Concen: 76.060 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 589880

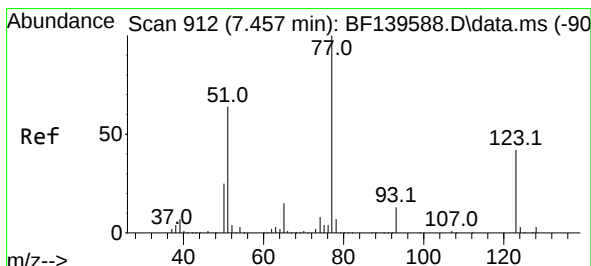
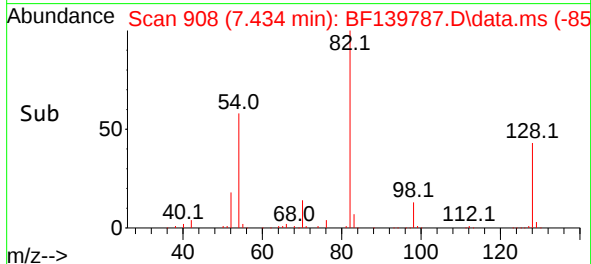
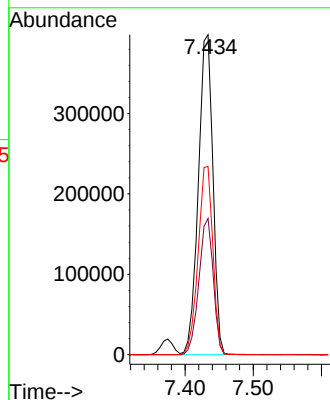
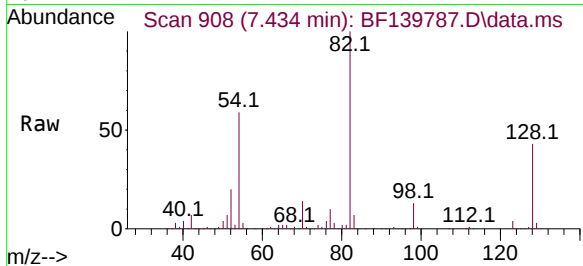
Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.4	48.6
54	58.8	49.1	73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#24

Nitrobenzene

Concen: 38.054 ng

RT: 7.451 min Scan# 911

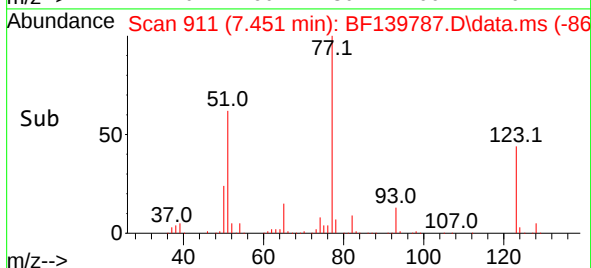
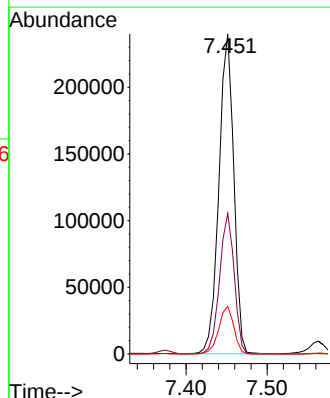
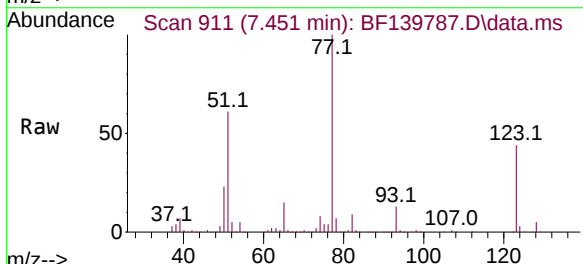
Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Tgt Ion: 77 Resp: 305601

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.2	51.4
65	15.0	12.1	18.1





#25
Isophorone
Concen: 37.526 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

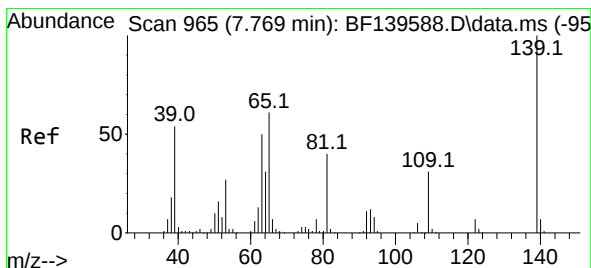
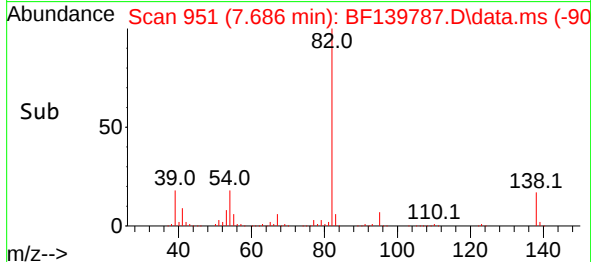
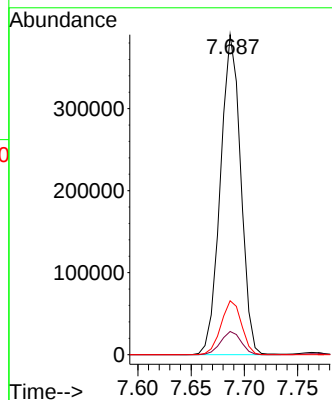
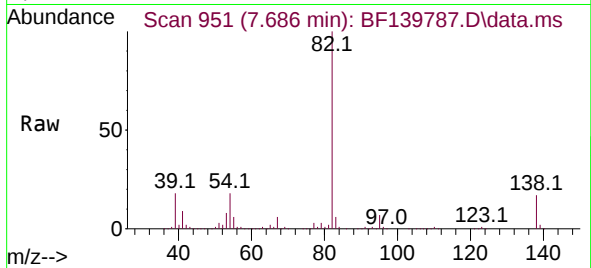
SSTDCCC040

Tgt Ion: 82 Resp: 516910
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.8 13.4 20.2

Manual Integrations

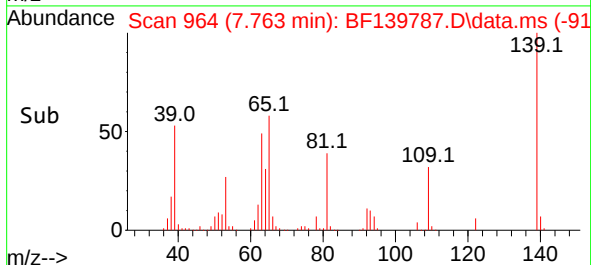
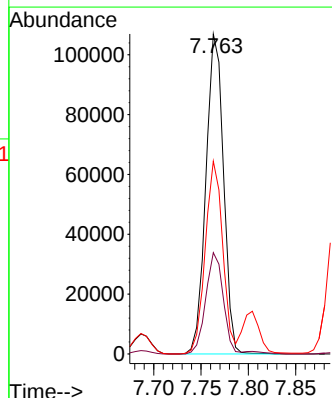
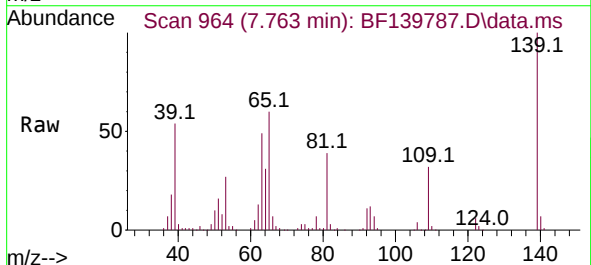
APPROVED

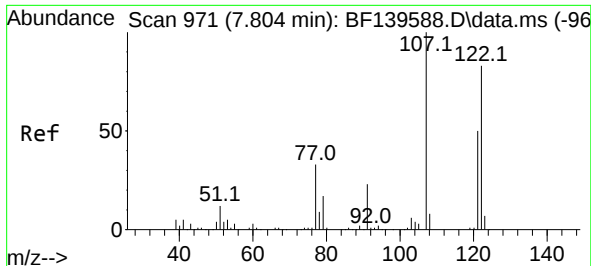
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#26
2-Nitrophenol
Concen: 40.031 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:139 Resp: 138206
Ion Ratio Lower Upper
139 100
109 31.6 24.9 37.3
65 60.2 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 39.149 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139787.D

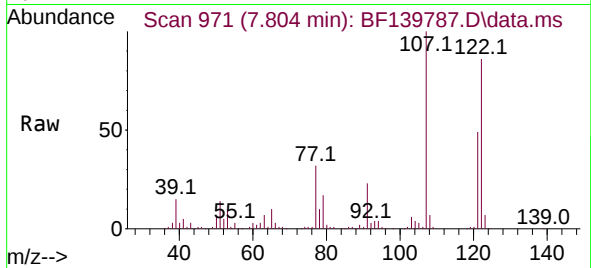
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 165460

Ion Ratio Lower Upper

122 100

107 115.8 95.4 143.0

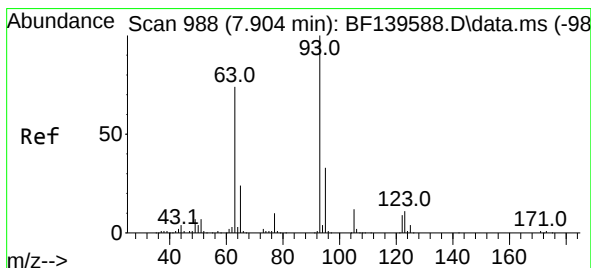
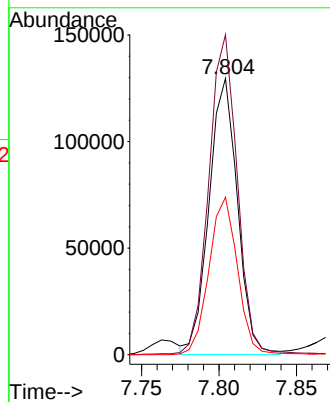
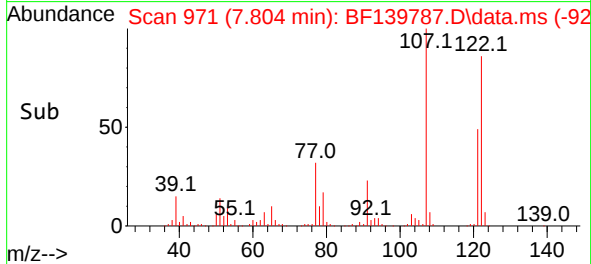
121 57.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.705 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

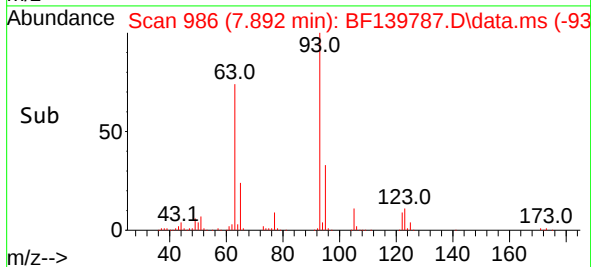
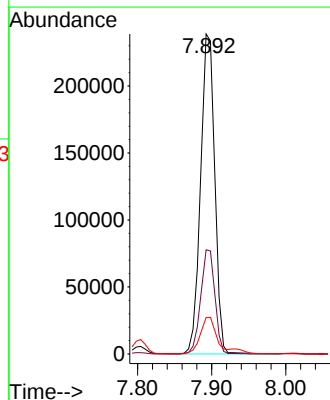
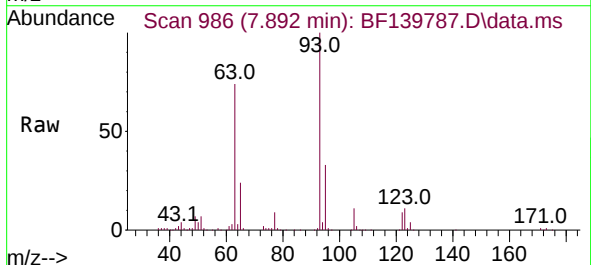
Tgt Ion: 93 Resp: 318363

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 11.4 9.4 14.0





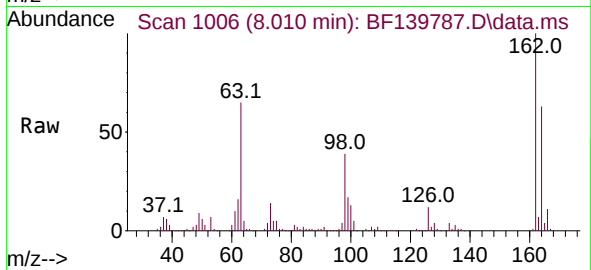
#29
2,4-Dichlorophenol
Concen: 39.367 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



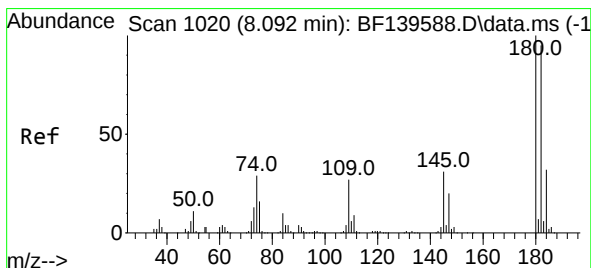
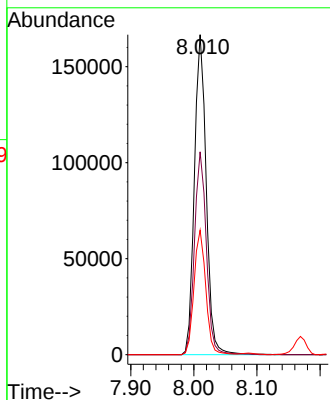
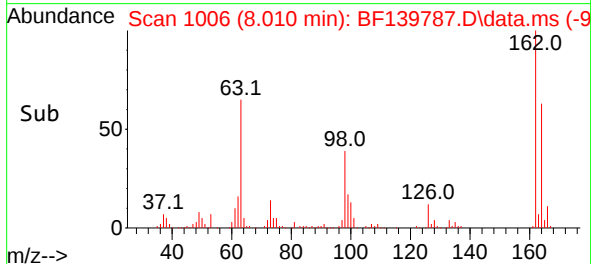
Tgt Ion:162 Resp: 21702
Ion Ratio Lower Upper
162 100
164 63.4 43.1 83.1
98 38.9 20.8 60.8

Manual Integrations

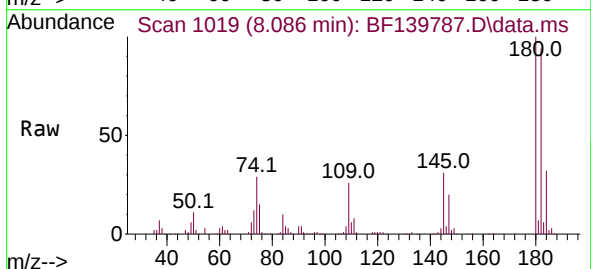
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

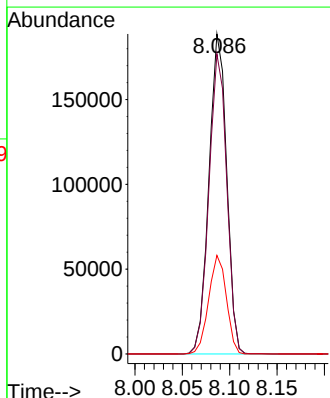
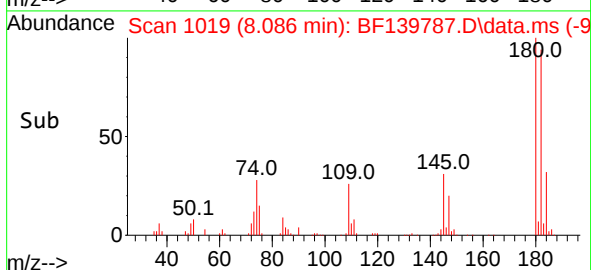
Supervised By :mohammad ahmed 10/15/2024

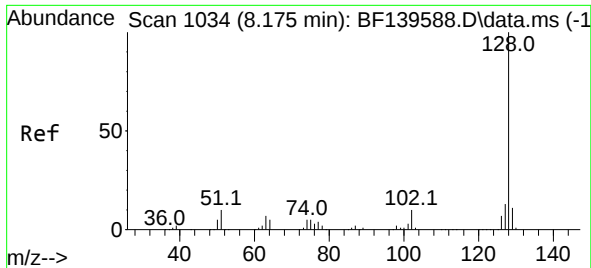


#30
1,2,4-Trichlorobenzene
Concen: 39.370 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:180 Resp: 245446
Ion Ratio Lower Upper
180 100
182 93.7 76.0 114.0
145 30.8 25.0 37.6





#31
Naphthalene
Concen: 39.253 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

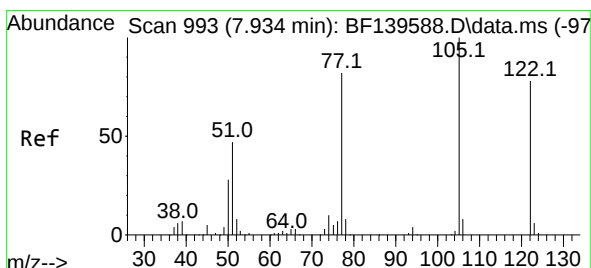
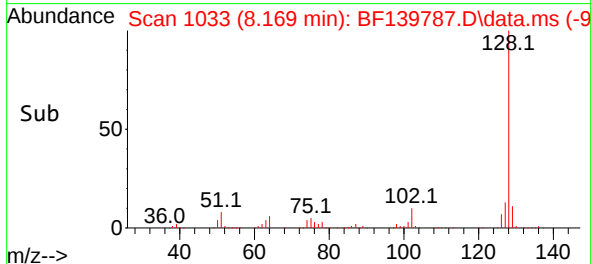
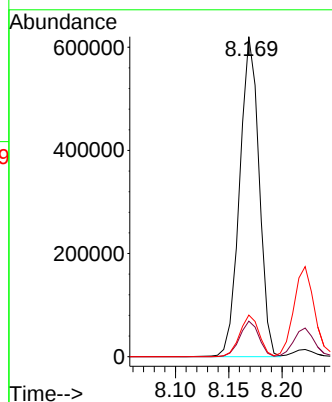
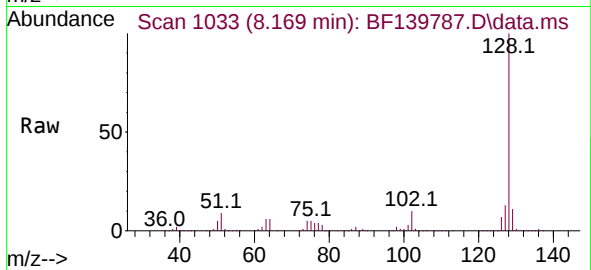
SSTDCCC040

Tgt Ion:128 Resp: 78805
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.5 15.7

Manual Integrations

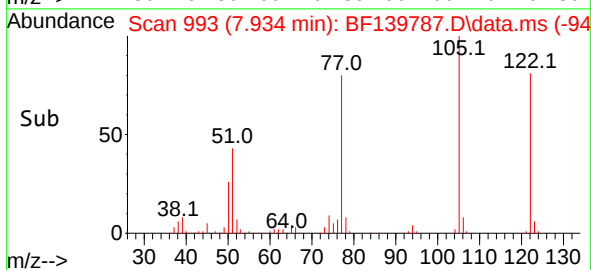
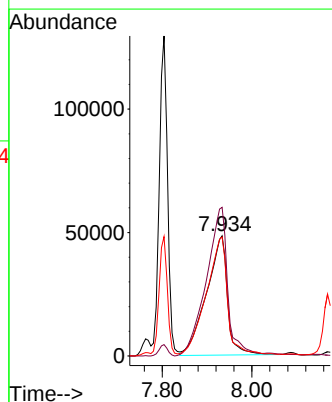
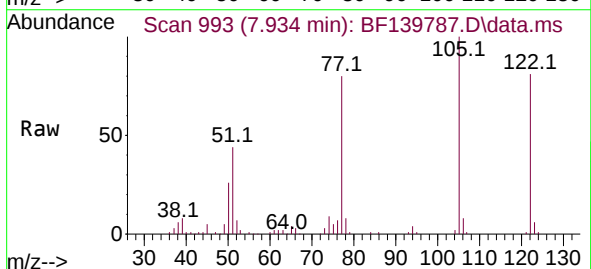
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#32
Benzoic acid
Concen: 37.394 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:122 Resp: 157150
Ion Ratio Lower Upper
122 100
105 123.7 104.9 144.9
77 99.1 82.7 122.7





#33
4-Chloroaniline
Concen: 35.914 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

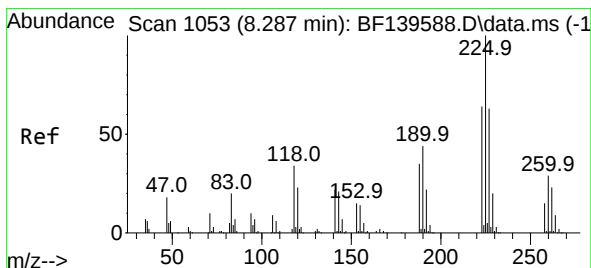
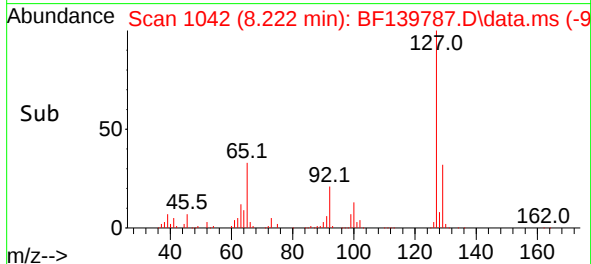
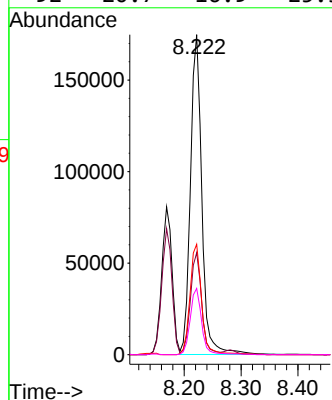
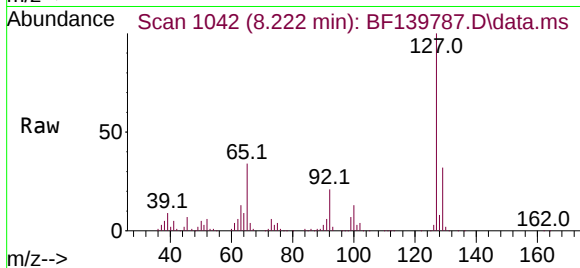
Tgt Ion:127 Resp: 244060
Ion Ratio Lower Upper
127 100
129 31.9 26.2 39.4
65 34.5 29.3 43.9
92 20.7 16.9 25.3

Manual Integrations

APPROVED

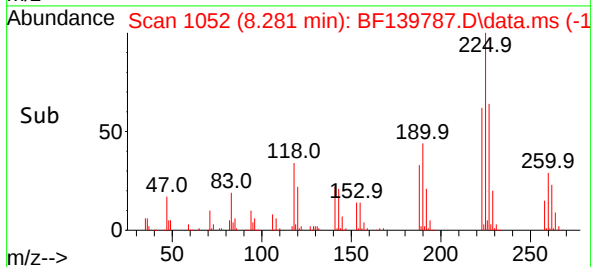
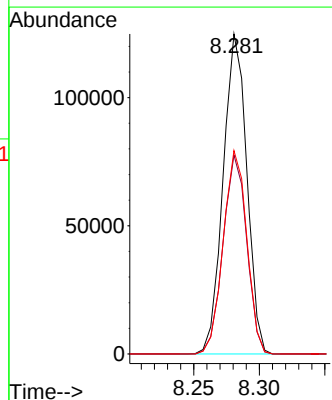
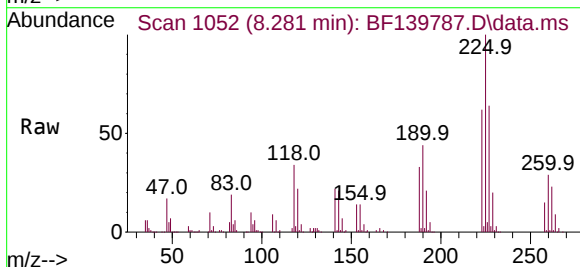
Reviewed By :Yogesh Patel 10/15/2024

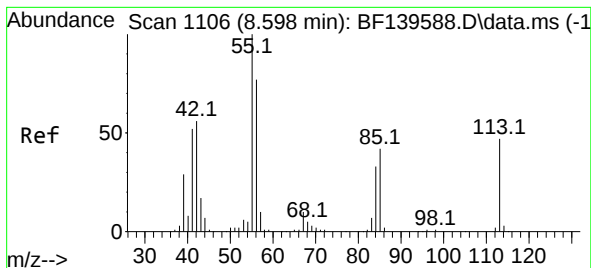
Supervised By :mohammad ahmed 10/15/2024



#34
Hexachlorobutadiene
Concen: 38.832 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:225 Resp: 156670
Ion Ratio Lower Upper
225 100
223 62.2 50.9 76.3
227 63.6 50.7 76.1





#35

Caprolactam

Concen: 34.069 ng

RT: 8.592 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

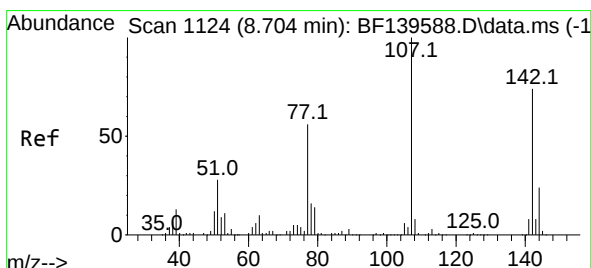
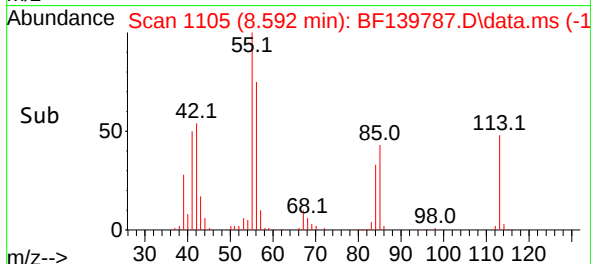
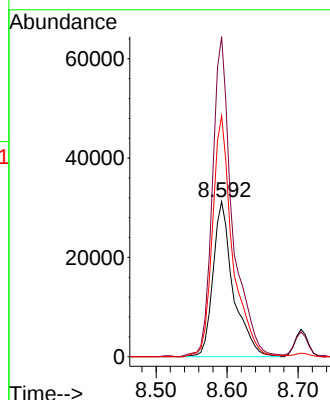
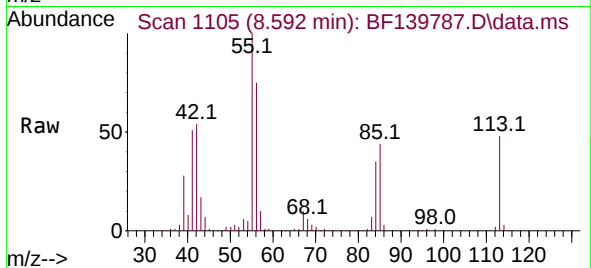
SSTDCCC040

Tgt Ion:113 Resp: 61602
 Ion Ratio Lower Upper
 113 100
 55 206.3 193.4 233.4
 56 155.3 143.8 183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/15/2024



#36

4-Chloro-3-methylphenol

Concen: 36.459 ng

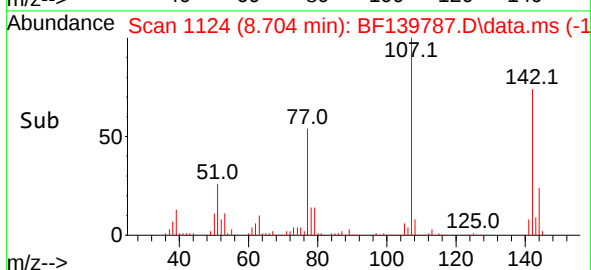
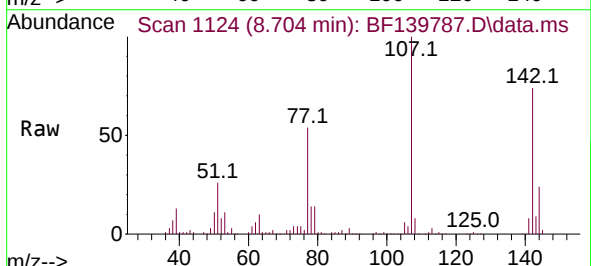
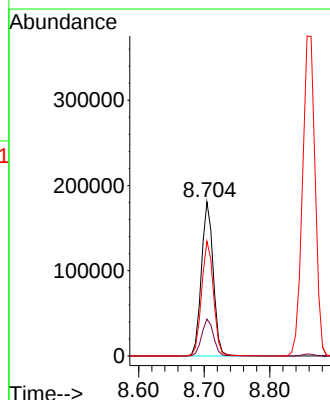
RT: 8.704 min Scan# 1124

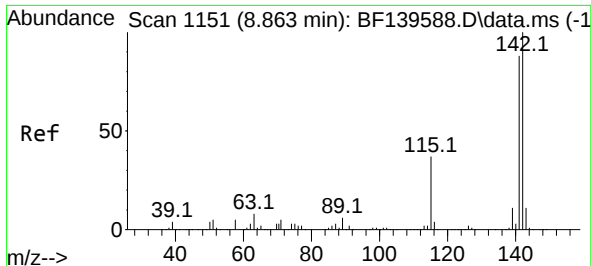
Delta R.T. -0.000 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Tgt Ion:107 Resp: 227520
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.0 28.6
 142 74.5 59.2 88.8





#37

2-Methylnaphthalene

Concen: 38.122 ng

RT: 8.857 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 498462

Ion Ratio Lower Upper

142 100

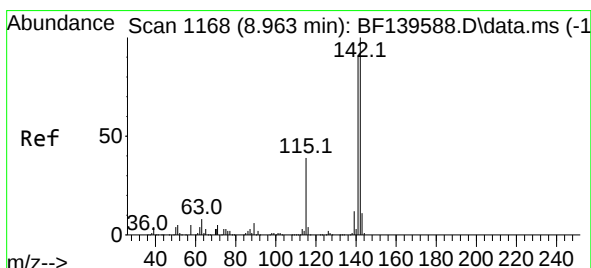
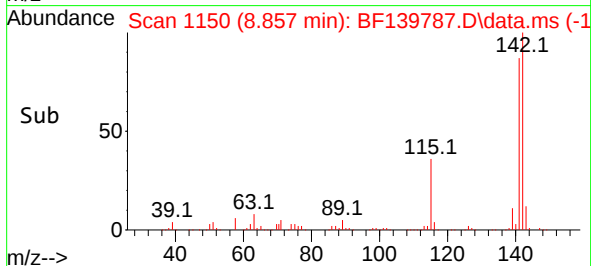
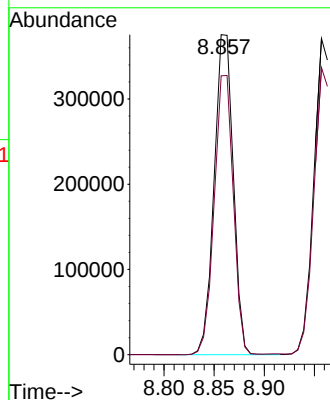
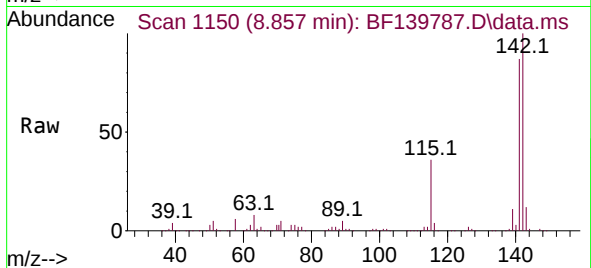
141 87.1 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#38

1-Methylnaphthalene

Concen: 37.554 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF139787.D

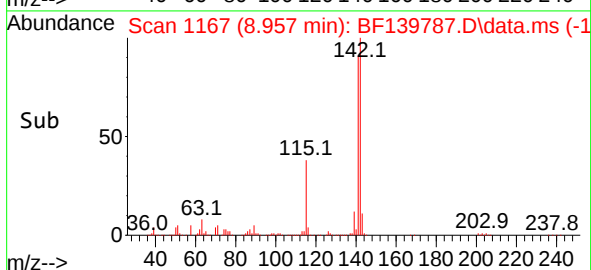
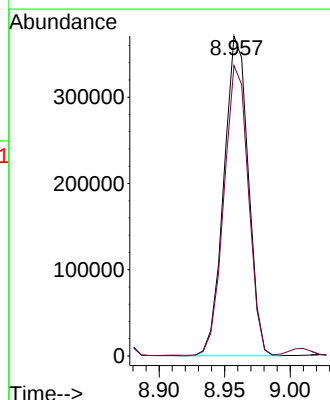
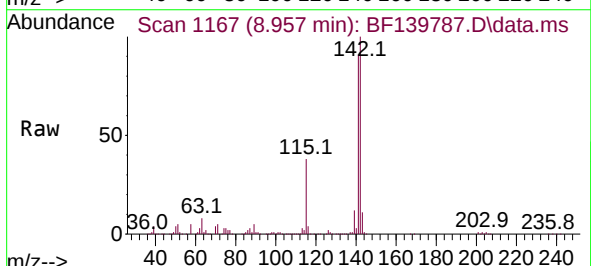
Acq: 14 Oct 2024 14:30

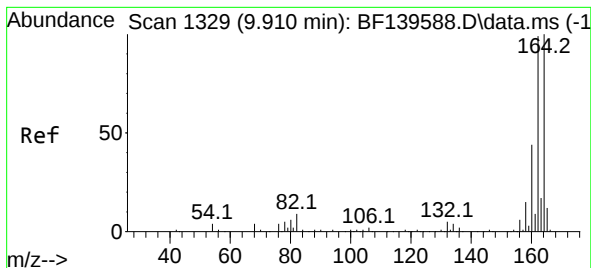
Tgt Ion:142 Resp: 479984

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11328

Delta R.T. -0.006 min

Lab File: BF139787.D

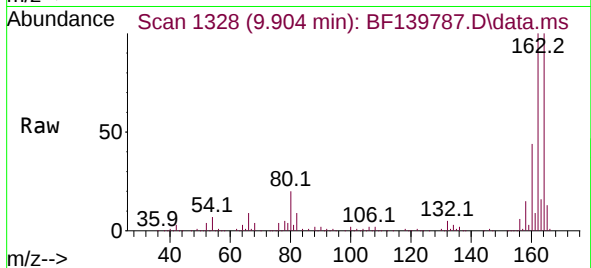
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 20857

Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.0

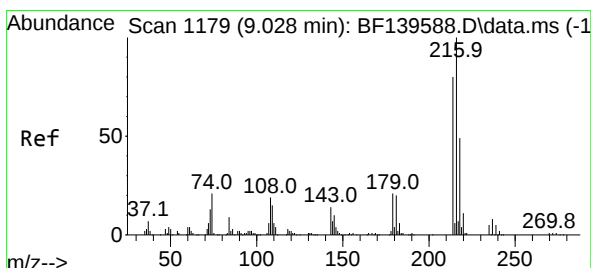
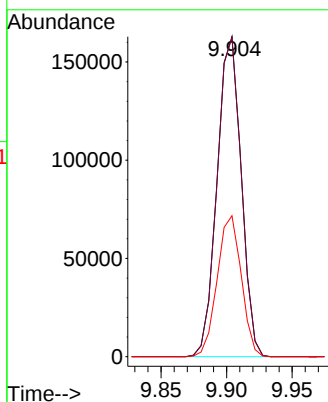
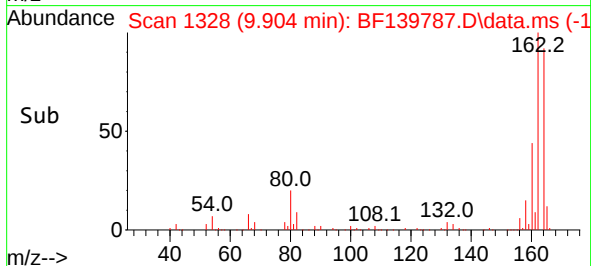
160 44.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.607 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Tgt Ion:216 Resp: 235182

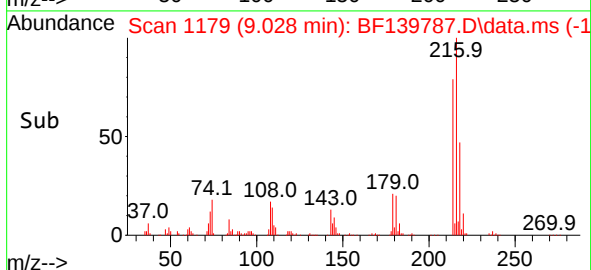
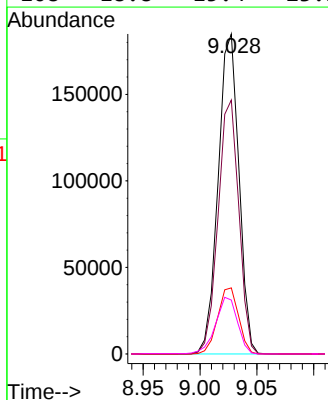
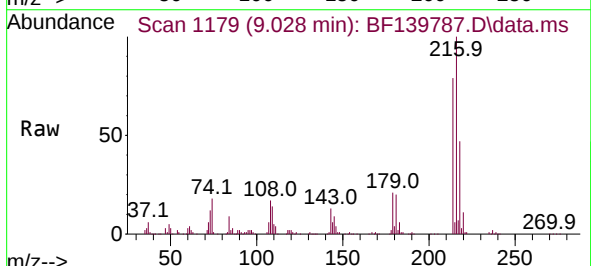
Ion Ratio Lower Upper

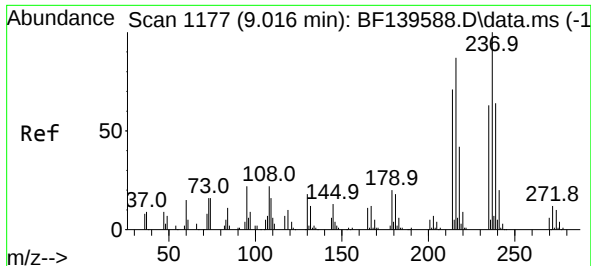
216 100

214 79.2 63.7 95.5

179 20.9 16.9 25.3

108 18.8 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 47.583 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

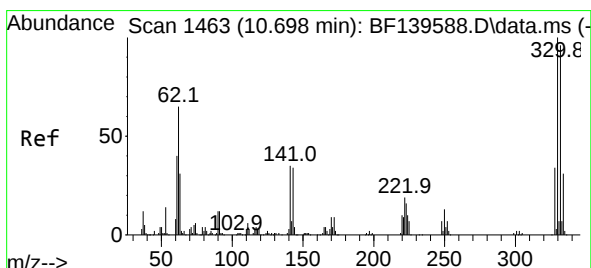
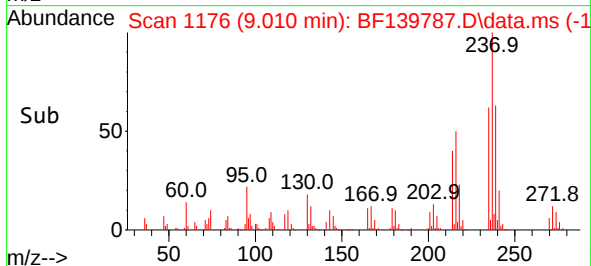
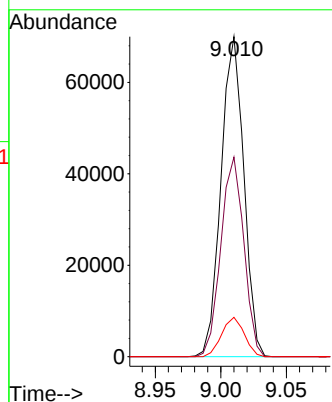
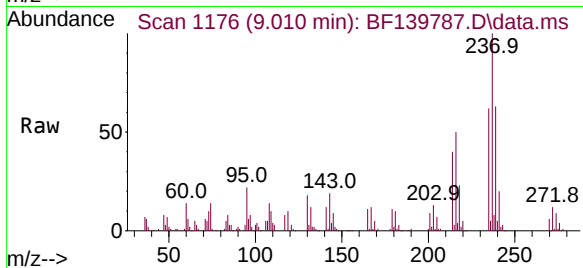
SSTDCCC040

Tgt Ion:237 Resp: 84502
Ion Ratio Lower Upper
237 100
235 62.4 42.5 82.5
272 12.3 0.0 32.1

Manual Integrations

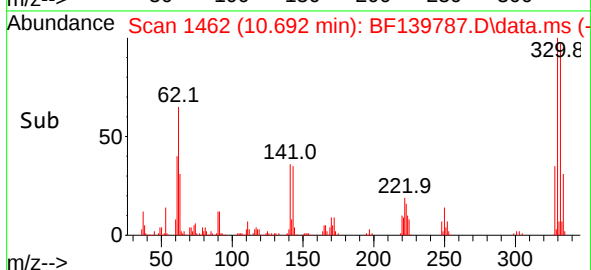
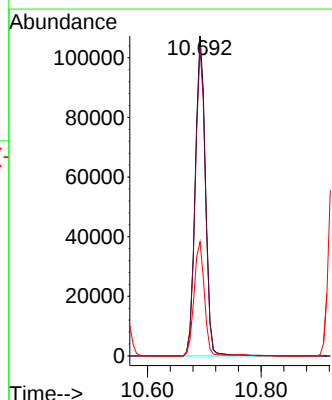
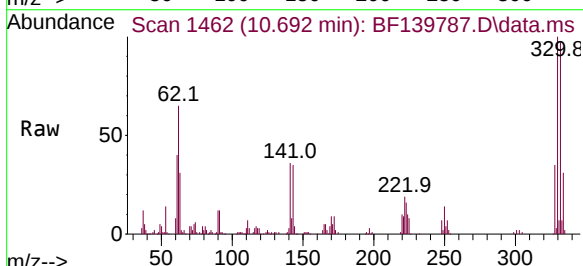
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#42
2,4,6-Tribromophenol
Concen: 66.910 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:330 Resp: 134718
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 36.0 29.3 43.9





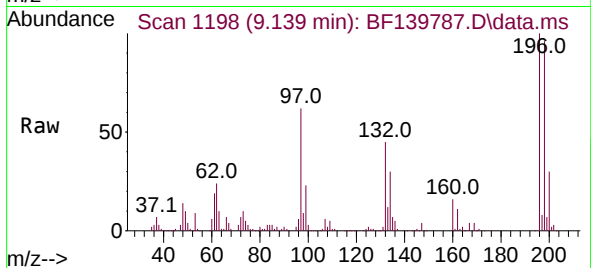
#43
2,4,6-Trichlorophenol
Concen: 37.950 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



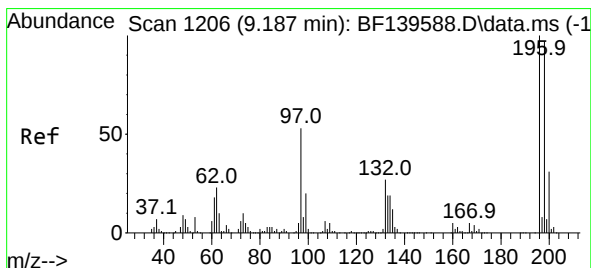
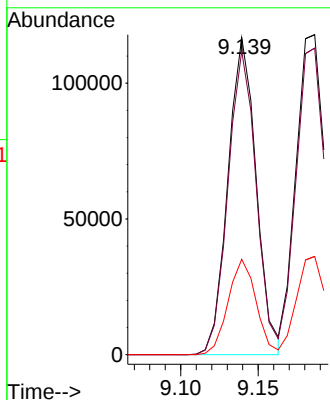
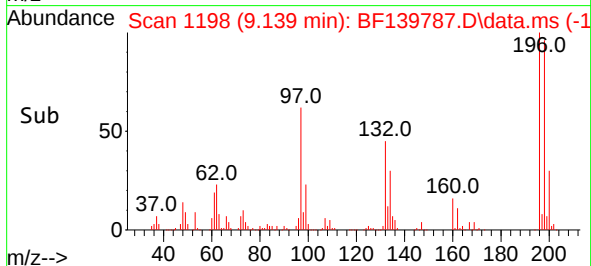
Tgt Ion:196 Resp: 14817
Ion Ratio Lower Upper
196 100
198 95.7 75.2 112.8
200 30.1 24.6 37.0

Manual Integrations

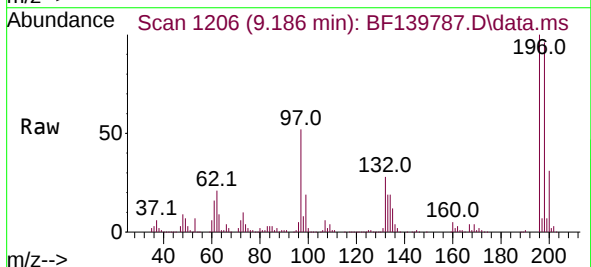
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

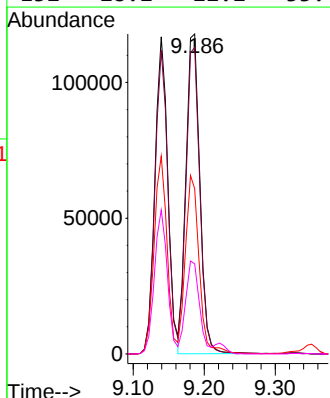
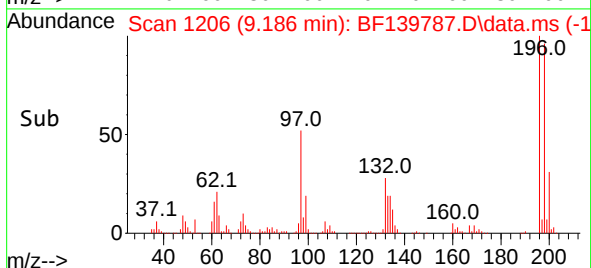
Supervised By :mohammad ahmed 10/15/2024



#44
2,4,5-Trichlorophenol
Concen: 38.193 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:196 Resp: 160815
Ion Ratio Lower Upper
196 100
198 95.8 77.5 116.3
97 51.7 43.1 64.7
132 28.2 22.2 33.4





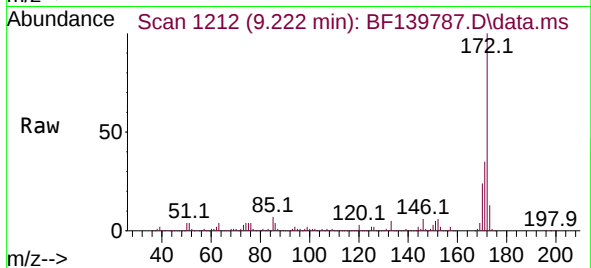
#45
2-Fluorobiphenyl
Concen: 78.642 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



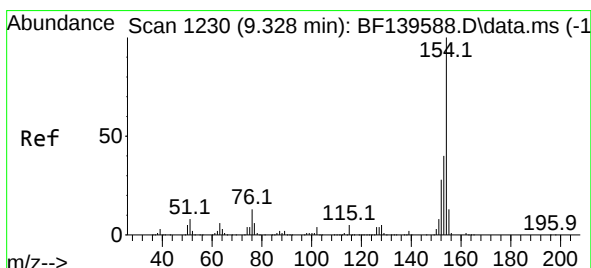
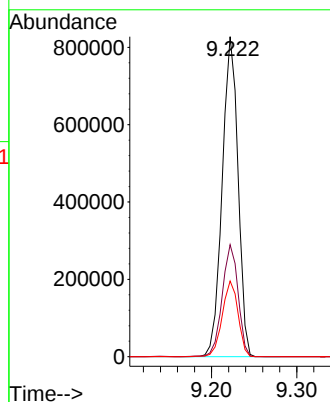
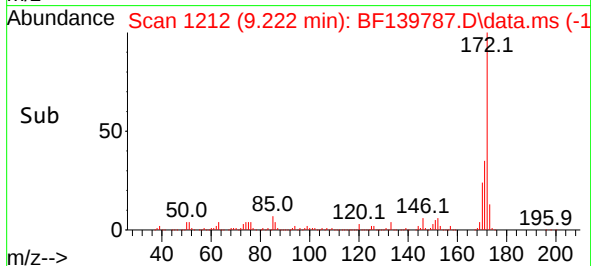
Tgt Ion:172 Resp: 106843
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.6 18.8 28.2

Manual Integrations

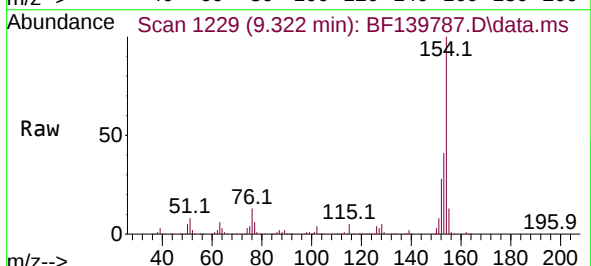
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

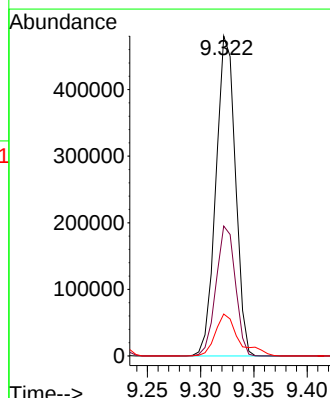
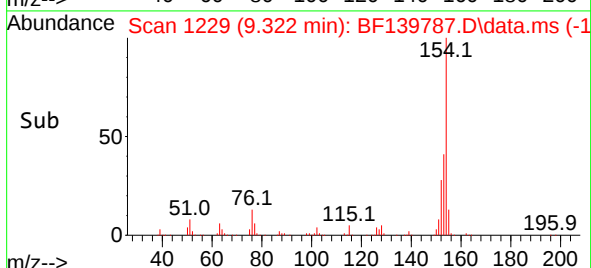
Supervised By :mohammad ahmed 10/15/2024

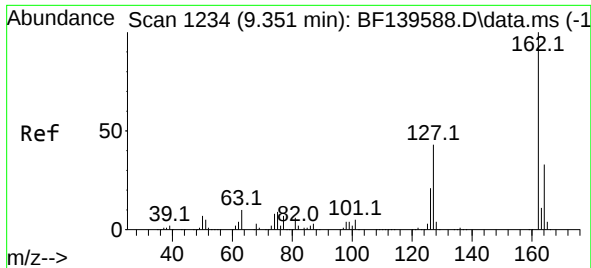


#46
1,1'-Biphenyl
Concen: 39.240 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:154 Resp: 608723
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 13.1 0.0 32.6





#47

2-Chloronaphthalene

Concen: 40.214 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 467672

Ion Ratio Lower Upper

162 100

127 41.7 35.0 52.4

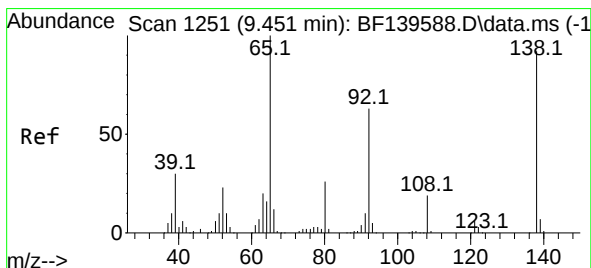
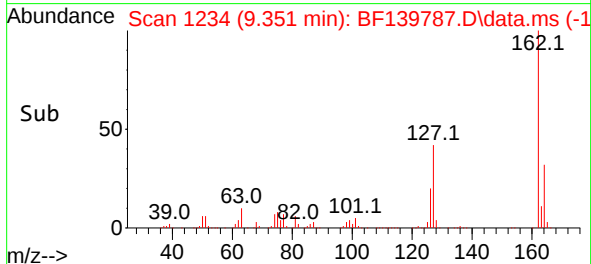
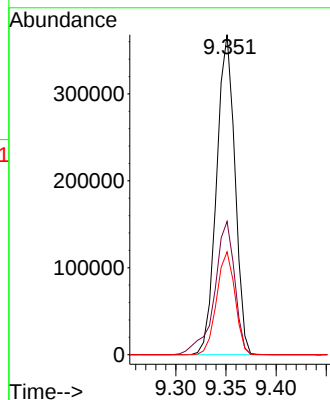
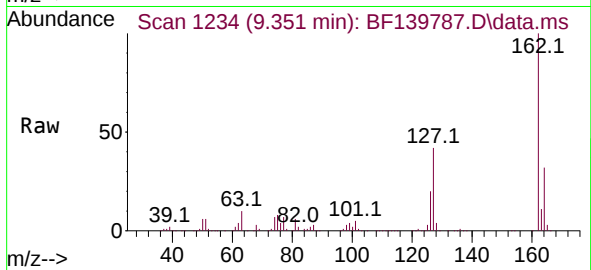
164 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#48

2-Nitroaniline

Concen: 36.912 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

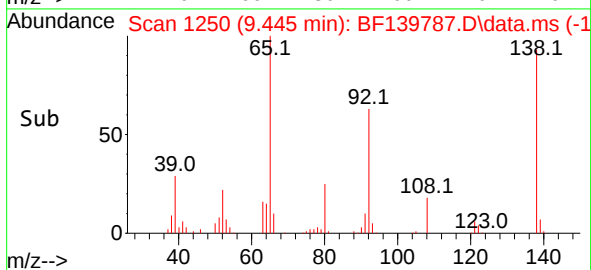
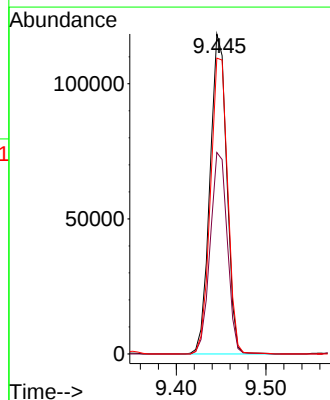
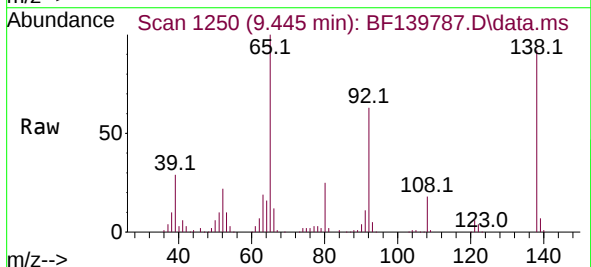
Tgt Ion: 65 Resp: 154095

Ion Ratio Lower Upper

65 100

92 63.0 50.0 75.0

138 92.5 73.8 110.8





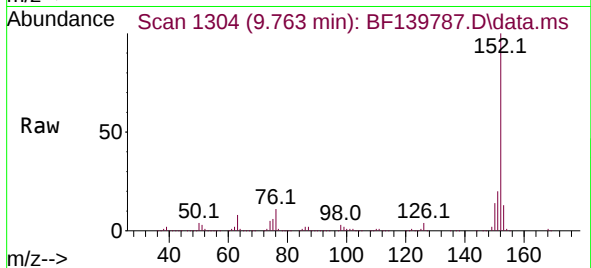
#49
Acenaphthylene
Concen: 38.600 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



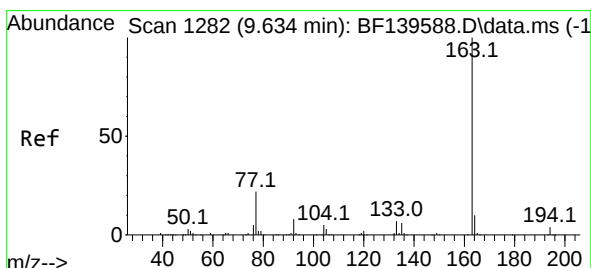
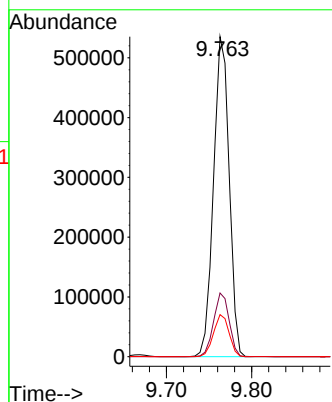
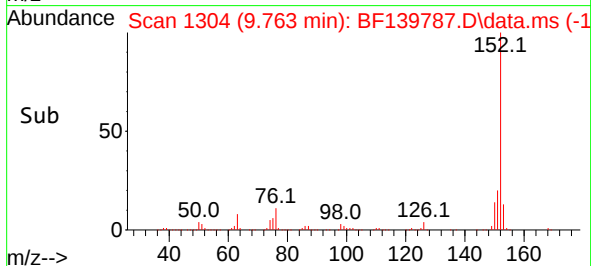
Tgt Ion:152 Resp: 682680
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.5 15.7

Manual Integrations

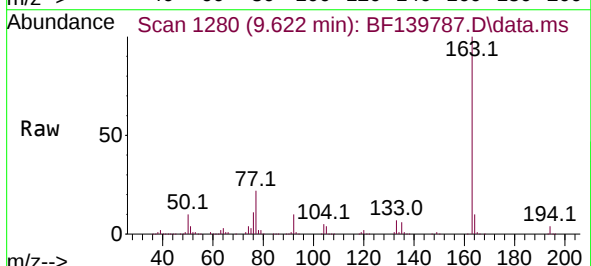
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

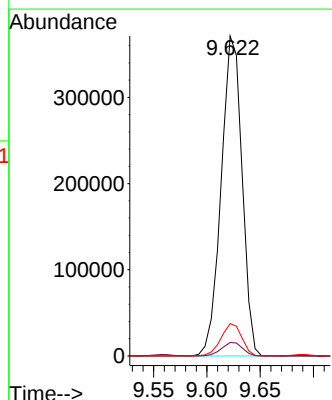
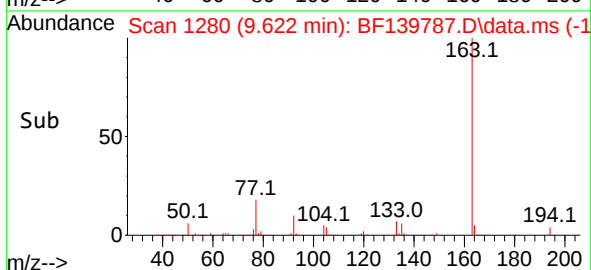
Supervised By :mohammad ahmed 10/15/2024

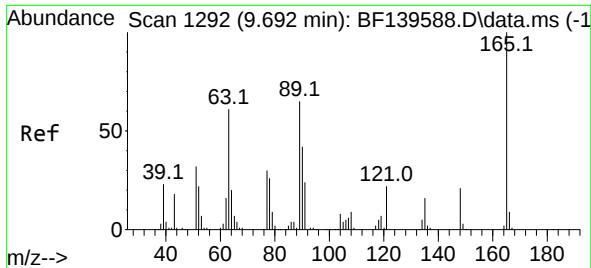


#50
Dimethylphthalate
Concen: 36.988 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:163 Resp: 505012
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1





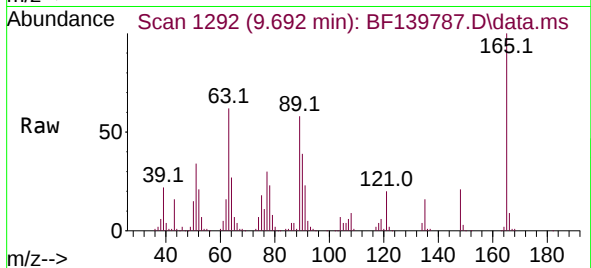
#51
2,6-Dinitrotoluene
Concen: 37.383 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



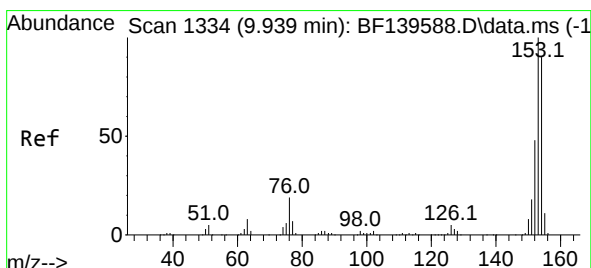
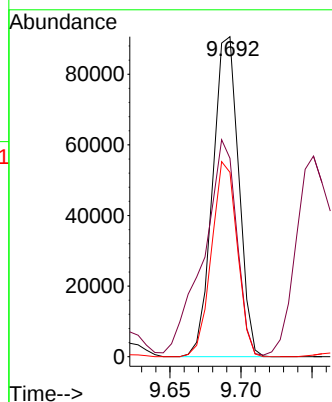
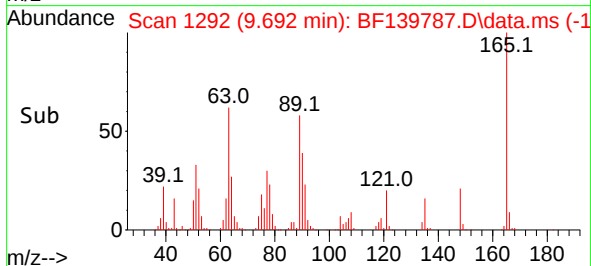
Tgt Ion:165 Resp: 115290
Ion Ratio Lower Upper
165 100
63 62.0 56.7 85.1
89 57.6 51.6 77.4

Manual Integrations

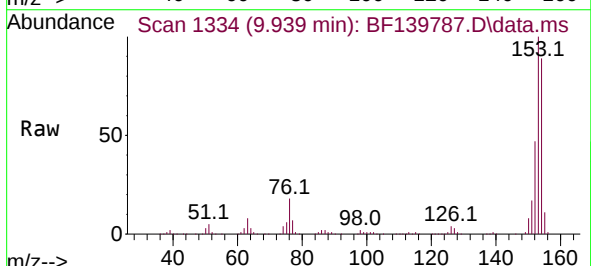
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

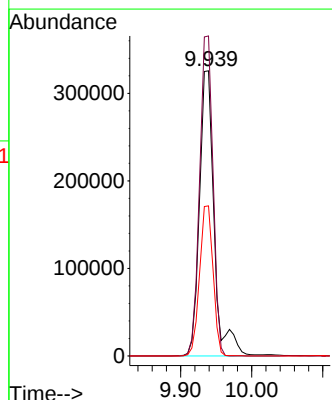
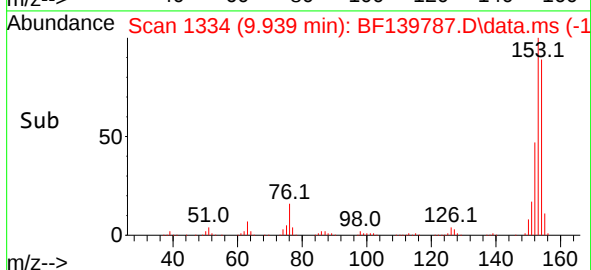
Supervised By :mohammad ahmed 10/15/2024

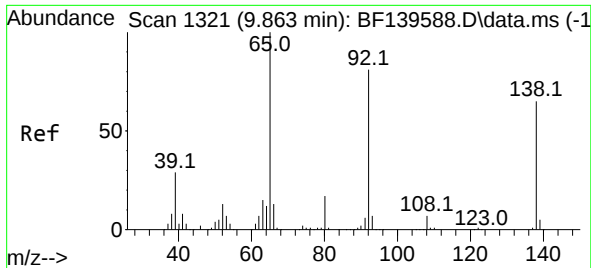


#52
Acenaphthene
Concen: 38.598 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:154 Resp: 468637
Ion Ratio Lower Upper
154 100
153 112.2 88.8 133.2
152 52.6 42.5 63.7





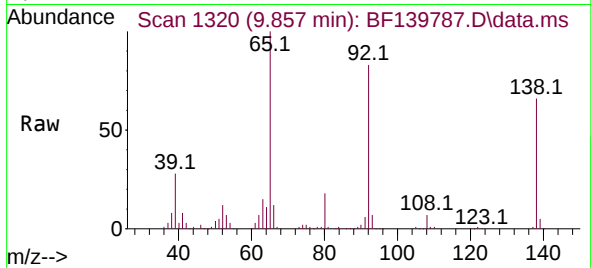
#53
3-Nitroaniline
Concen: 33.382 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



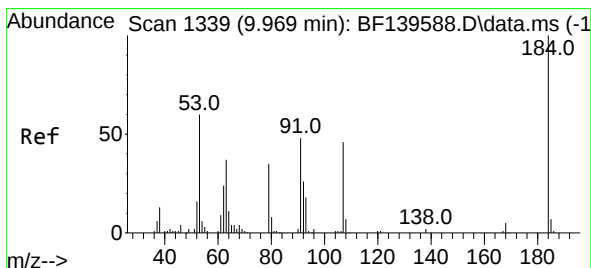
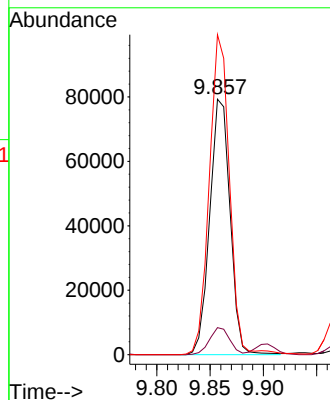
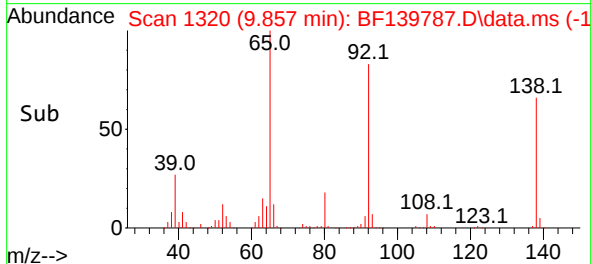
Tgt Ion:138 Resp: 10521
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 125.2 100.0 150.0

Manual Integrations

APPROVED

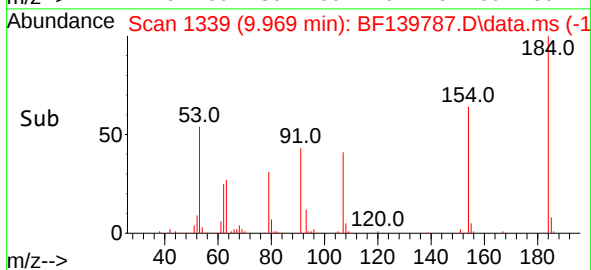
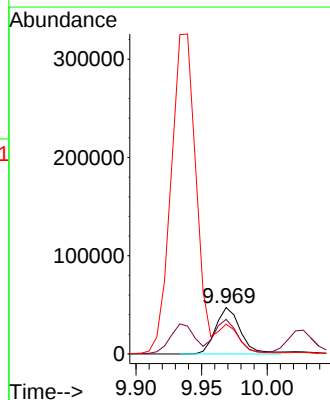
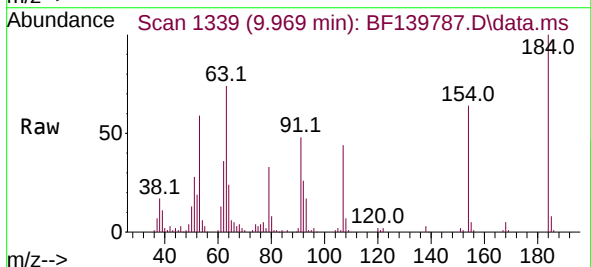
Reviewed By :Yogesh Patel 10/15/2024

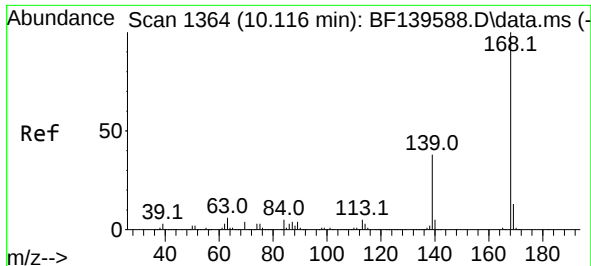
Supervised By :mohammad ahmed 10/15/2024



#54
2,4-Dinitrophenol
Concen: 37.614 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:184 Resp: 62398
Ion Ratio Lower Upper
184 100
63 74.4 61.7 92.5
154 64.3 53.0 79.4





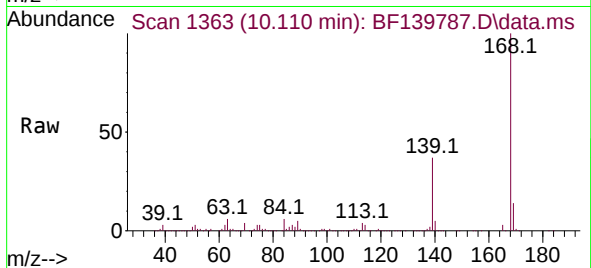
#55
Dibenzenofuran
Concen: 37.795 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



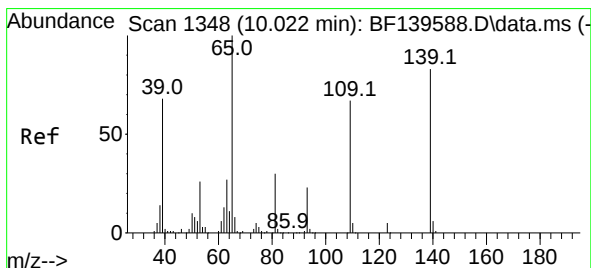
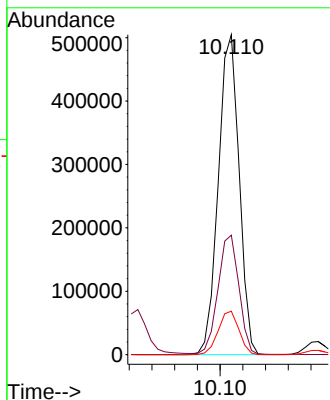
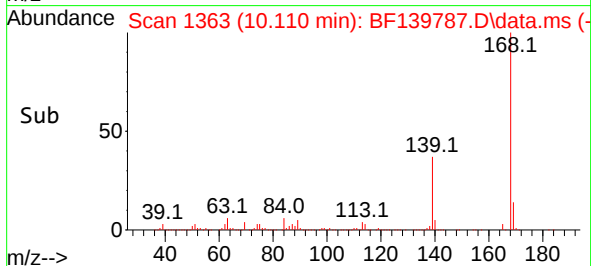
Tgt Ion:168 Resp: 642495
Ion Ratio Lower Upper
168 100
139 37.4 30.4 45.6
169 13.6 10.7 16.1

Manual Integrations

APPROVED

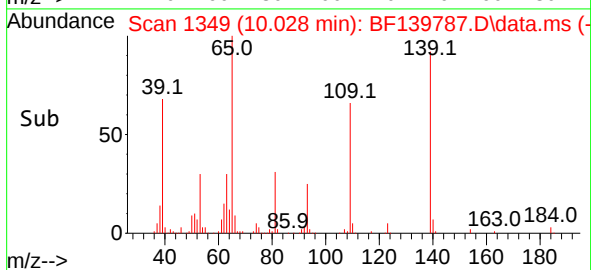
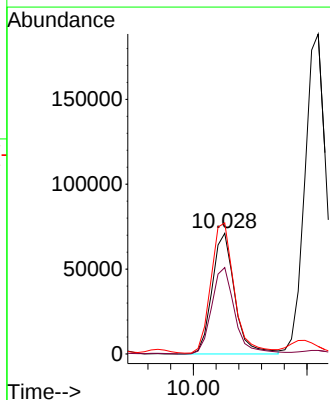
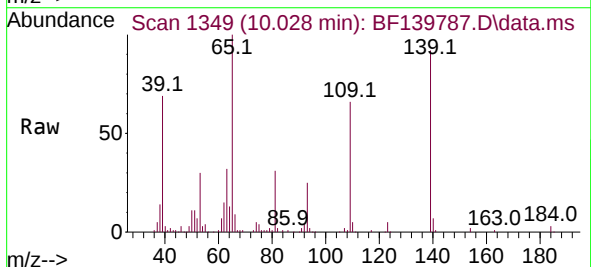
Reviewed By :Yogesh Patel 10/15/2024

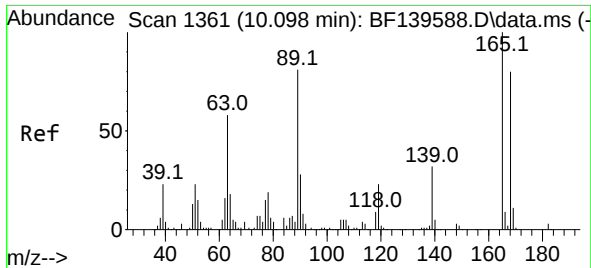
Supervised By :mohammad ahmed 10/15/2024



#56
4-Nitrophenol
Concen: 40.952 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:139 Resp: 98430
Ion Ratio Lower Upper
139 100
109 71.5 60.3 100.3
65 108.6 100.8 140.8





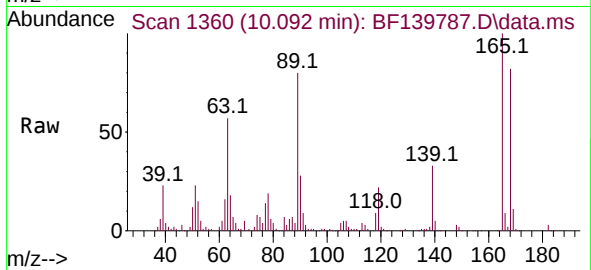
#57
2,4-Dinitrotoluene
Concen: 35.724 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



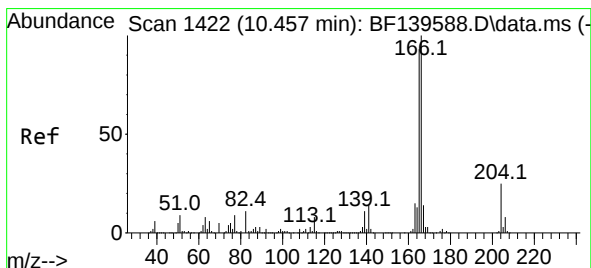
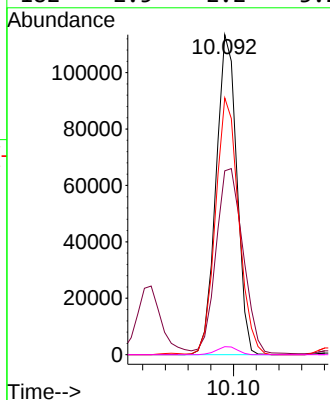
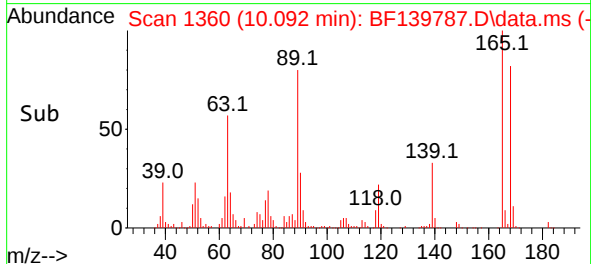
Tgt Ion:165 Resp: 14401
Ion Ratio Lower Upper
165 100
63 57.4 46.9 70.3
89 80.3 64.4 96.6
182 2.5 2.2 3.2

Manual Integrations

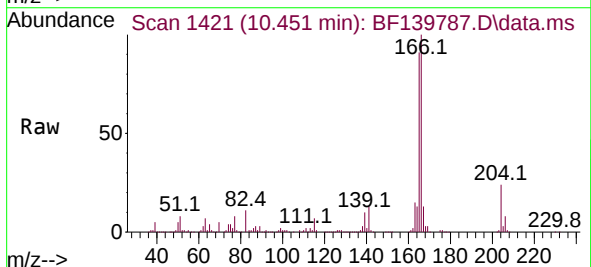
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

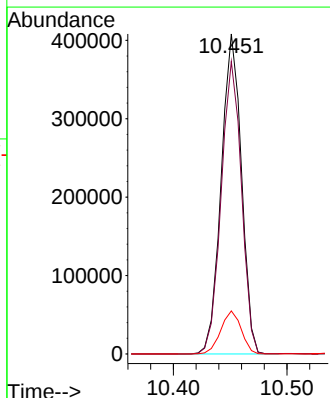
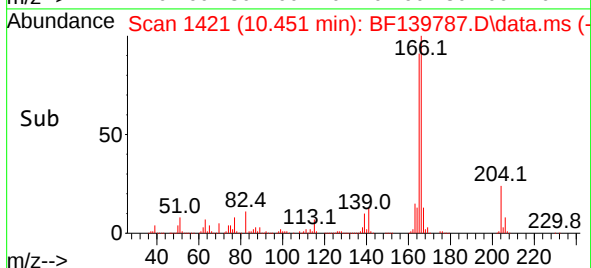
Supervised By :mohammad ahmed 10/15/2024



#58
Fluorene
Concen: 37.269 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



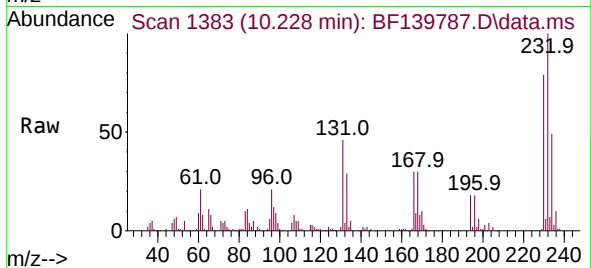
Tgt Ion:166 Resp: 504613
Ion Ratio Lower Upper
166 100
165 91.4 74.4 111.6
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 33.907 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

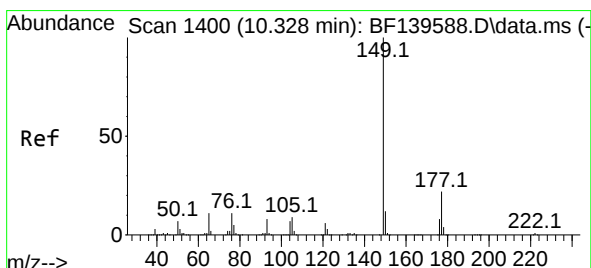
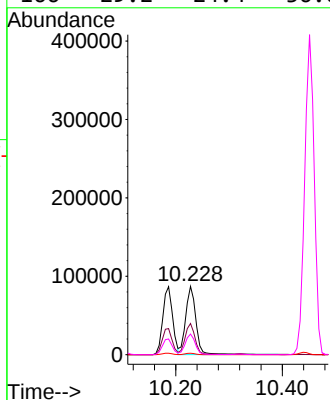
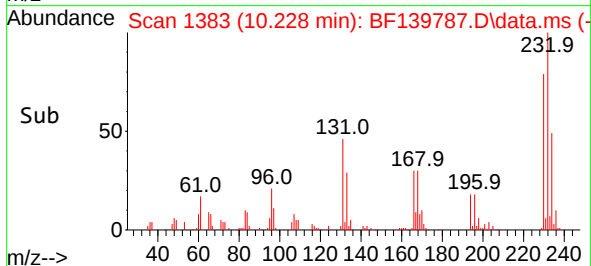
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 115309
Ion Ratio Lower Upper
232 100
131 44.3 37.8 56.6
130 2.1 1.9 2.9
166 29.2 24.4 36.6

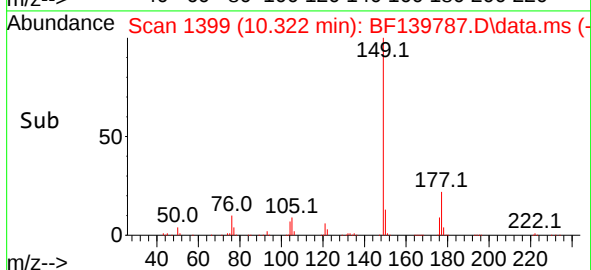
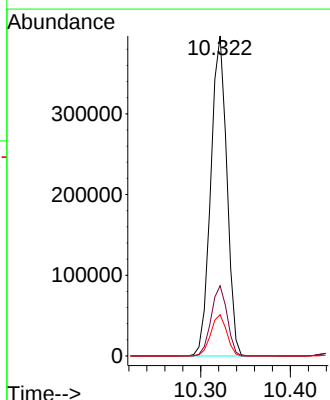
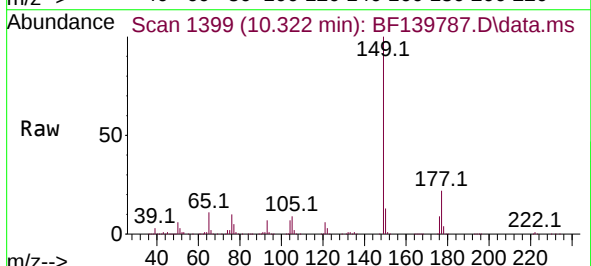
Manual Integrations
APPROVED

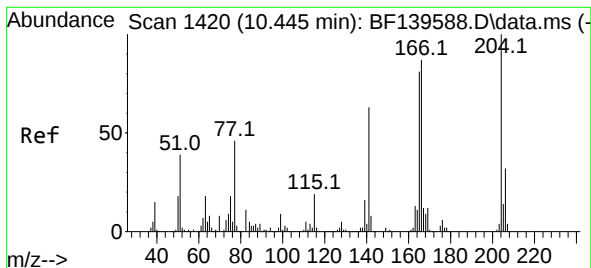
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#60
Diethylphthalate
Concen: 34.952 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

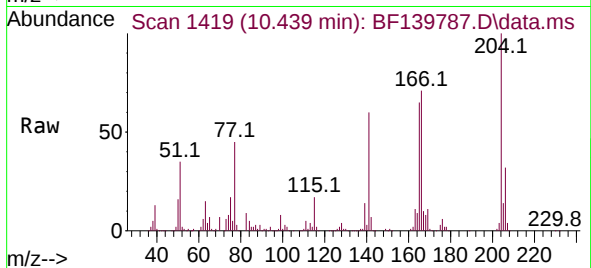
Tgt Ion:149 Resp: 492898
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.439 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

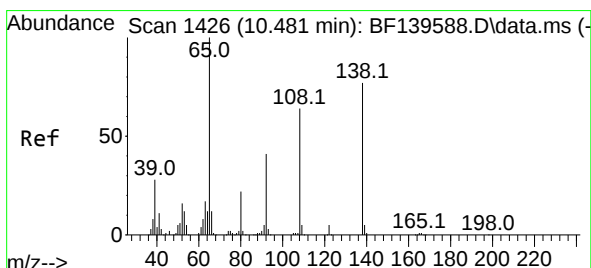
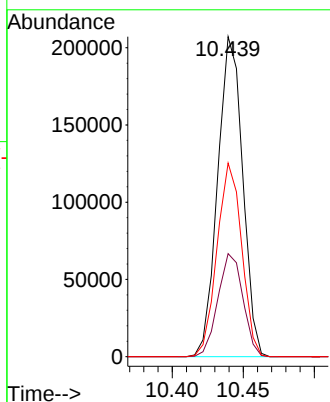
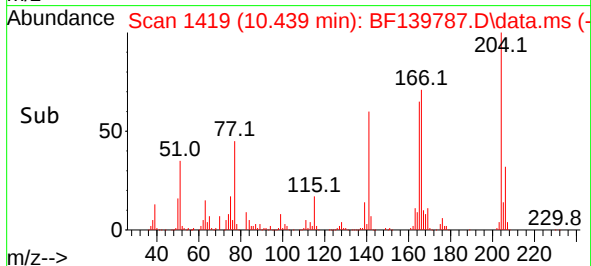
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



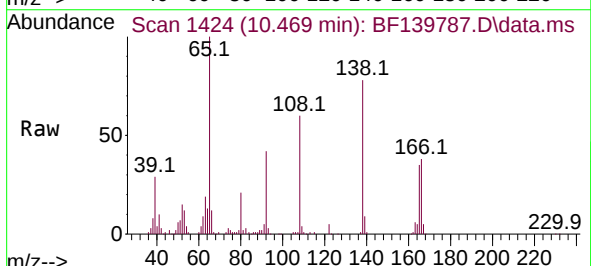
Tgt Ion:204 Resp: 25360
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 60.5 50.5 75.7

Manual Integrations
APPROVED

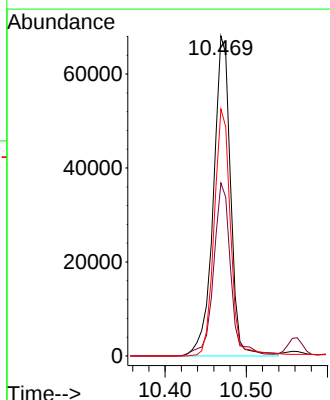
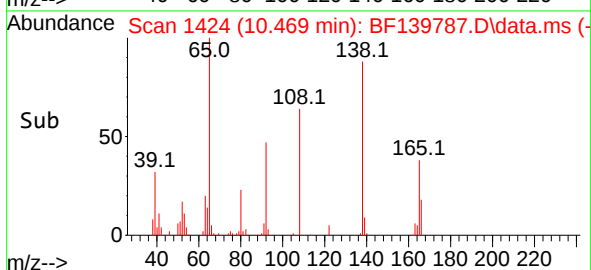
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024

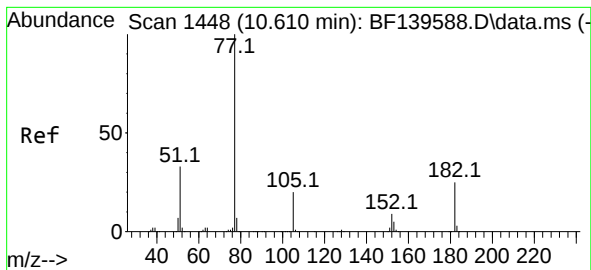


#62
4-Nitroaniline
Concen: 31.180 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



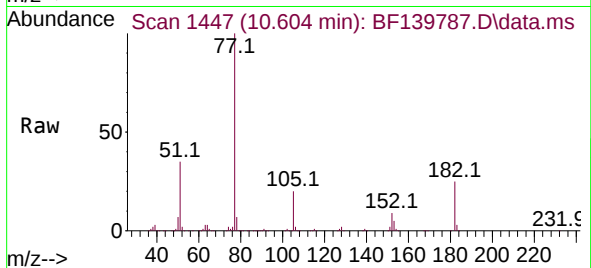
Tgt Ion:138 Resp: 100521
Ion Ratio Lower Upper
138 100
92 54.1 33.3 73.3
108 77.2 62.1 102.1





#63
Azobenzene
Concen: 35.613 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

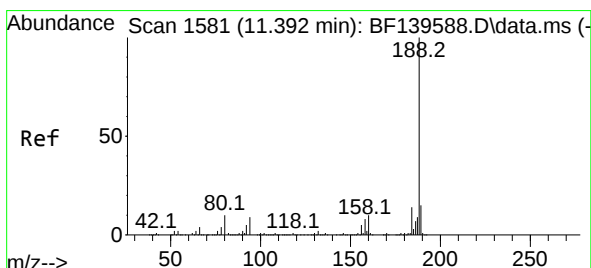
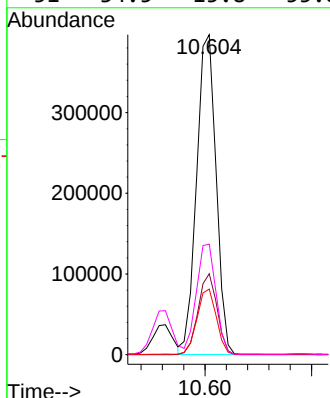
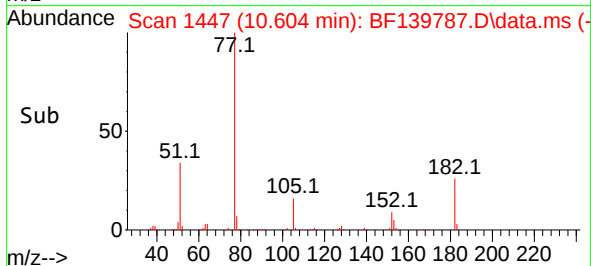
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



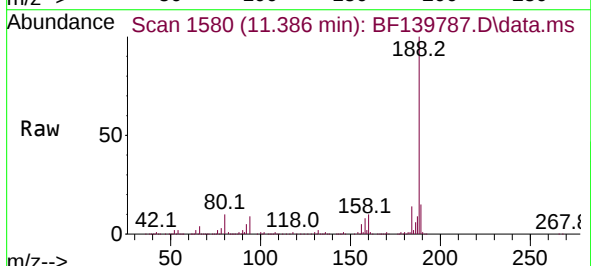
Tgt Ion: 77 Resp: 505068
Ion Ratio Lower Upper
77 100
182 25.3 4.2 44.2
105 20.5 0.0 39.6
51 34.5 15.8 55.8

Manual Integrations
APPROVED

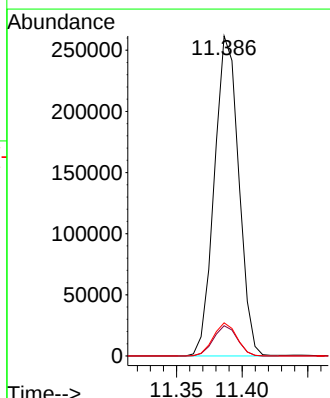
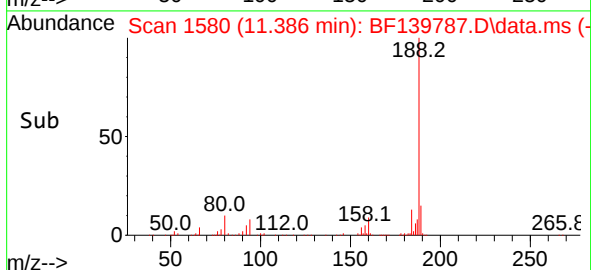
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024

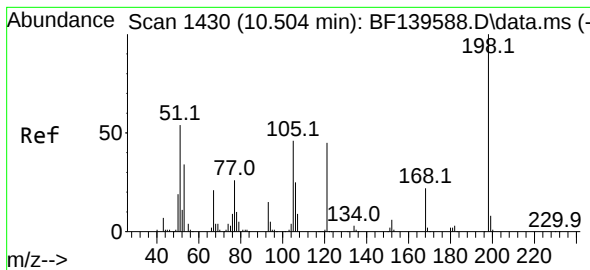


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:188 Resp: 338151
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.4 8.2 12.2





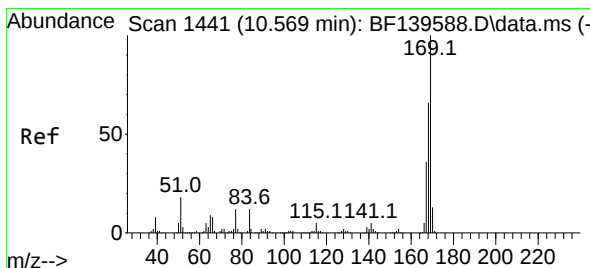
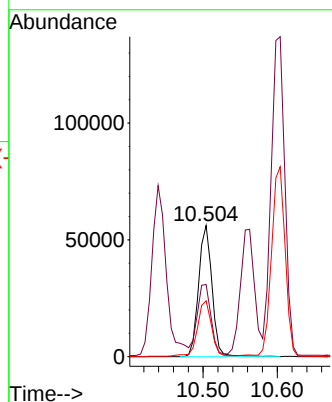
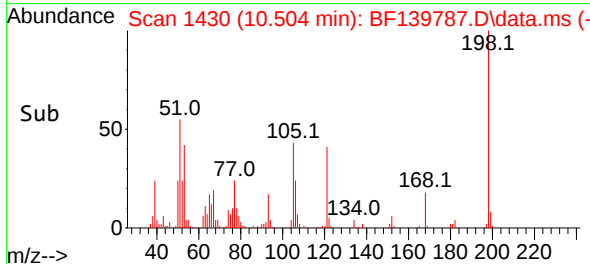
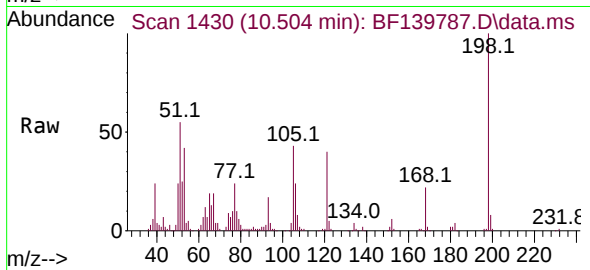
#65
4,6-Dinitro-2-methylphenol
Concen: 36.922 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 7051
Ion Ratio Lower Upper
198 100
51 55.0 43.0 83.0
105 42.6 26.6 66.6

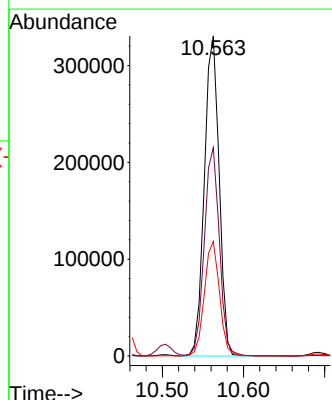
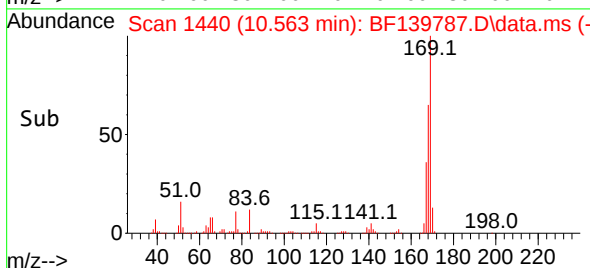
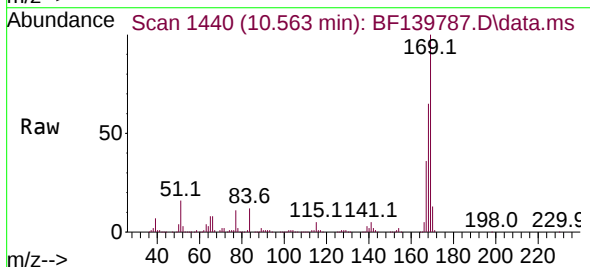
Manual Integrations
APPROVED

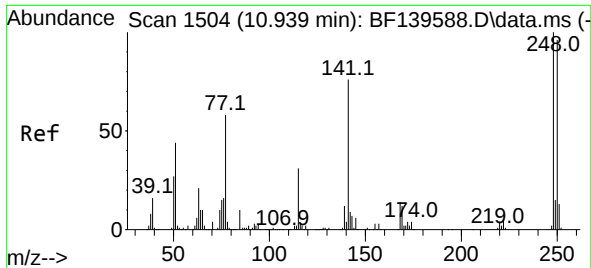
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#66
n-Nitrosodiphenylamine
Concen: 41.860 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:169 Resp: 417240
Ion Ratio Lower Upper
169 100
168 65.1 53.2 79.8
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 41.764 ng
RT: 10.933 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

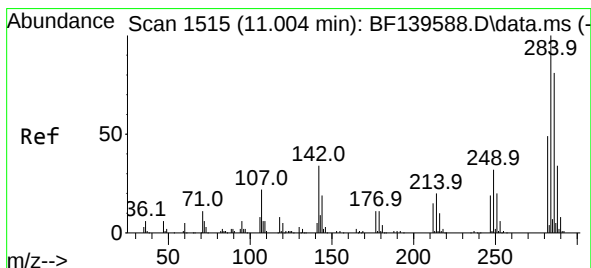
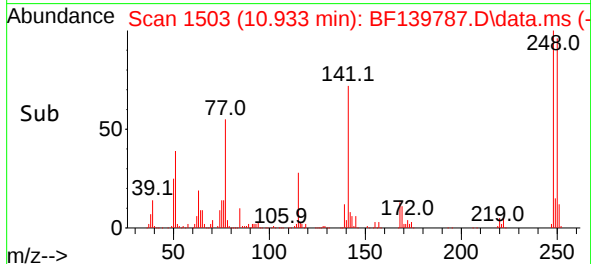
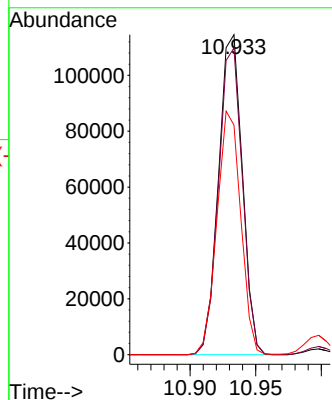
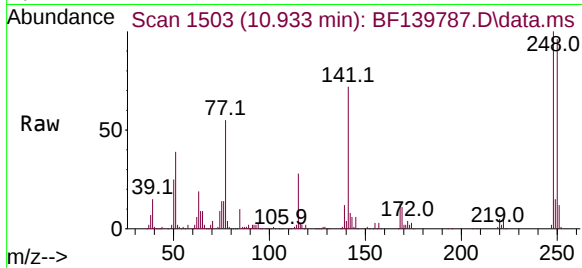
SSTDCCC040

Tgt Ion:248 Resp: 144798
Ion Ratio Lower Upper
248 100
250 95.9 77.1 115.7
141 71.7 60.4 90.6

Manual Integrations

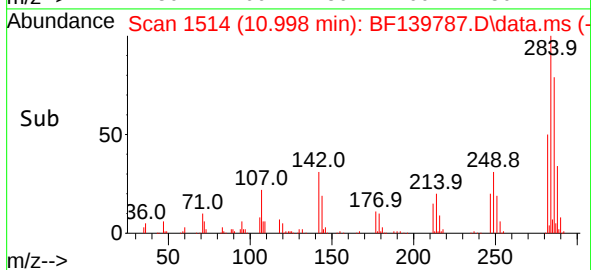
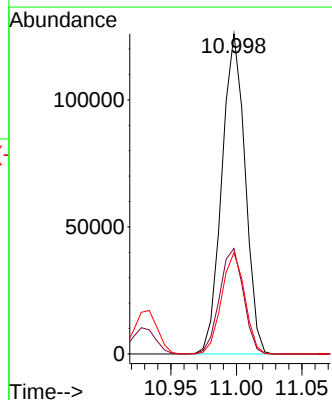
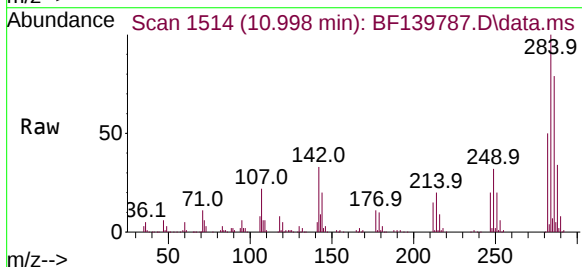
APPROVED

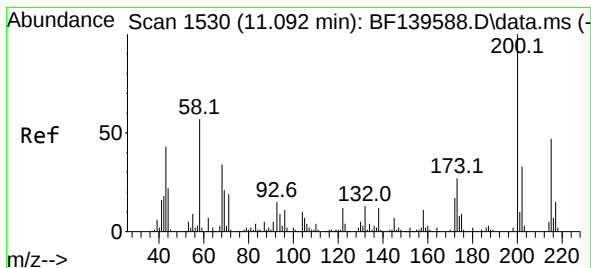
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#68
Hexachlorobenzene
Concen: 40.333 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:284 Resp: 155169
Ion Ratio Lower Upper
284 100
142 33.0 26.9 40.3
249 31.6 25.4 38.0





#69

Atrazine

Concen: 35.437 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 94769

Ion Ratio Lower Upper

200 100

173 28.0 6.7 46.7

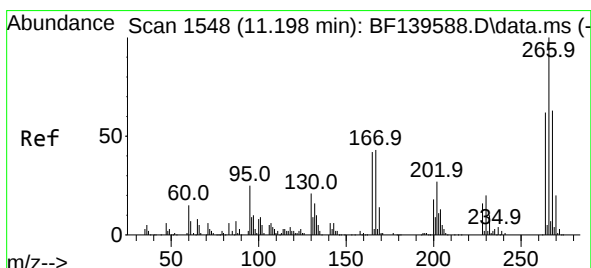
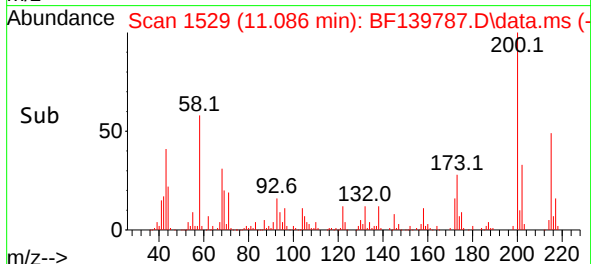
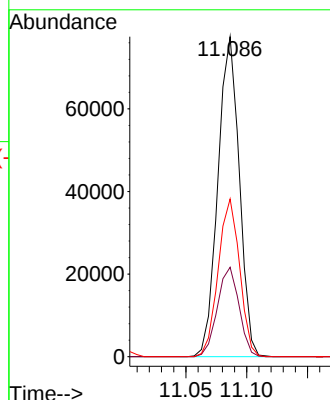
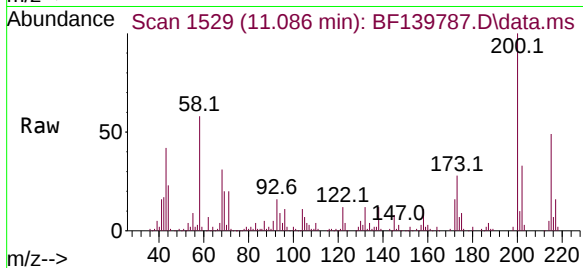
215 49.3 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#70

Pentachlorophenol

Concen: 40.371 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

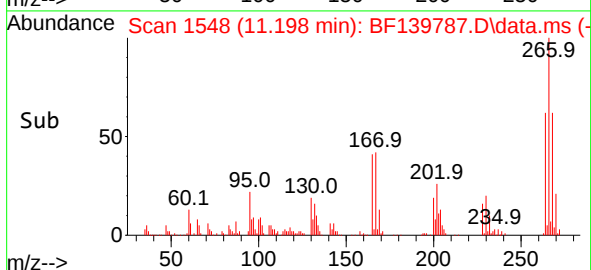
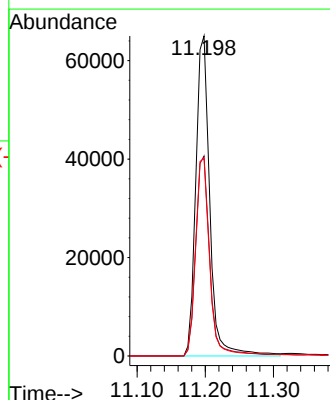
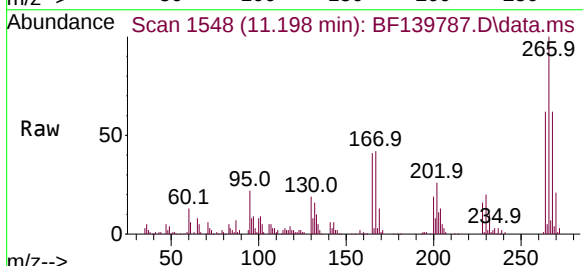
Tgt Ion:266 Resp: 92484

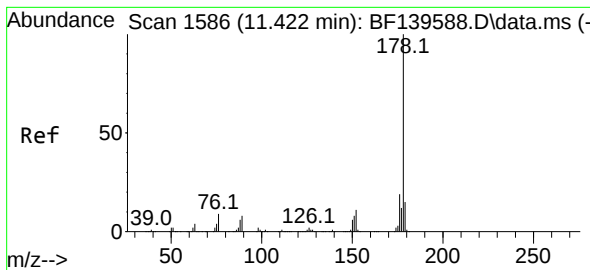
Ion Ratio Lower Upper

266 100

268 62.5 50.0 75.0

264 61.7 49.3 73.9





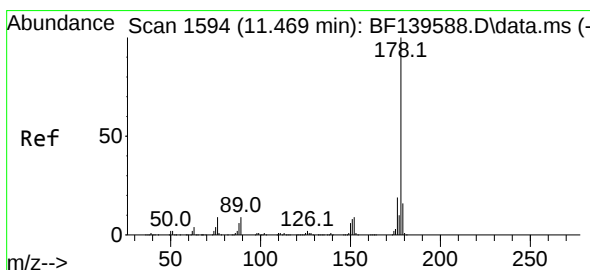
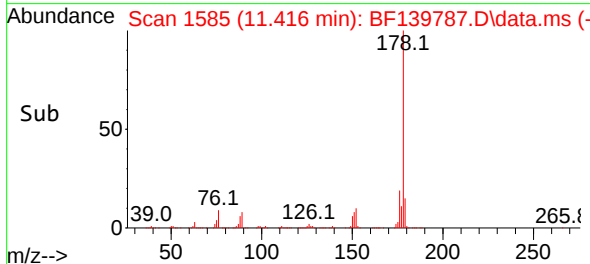
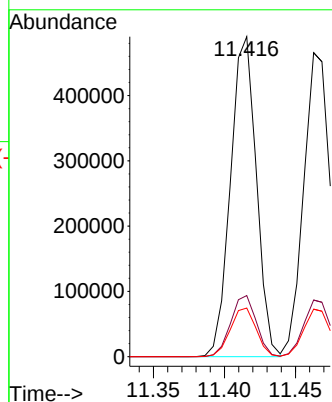
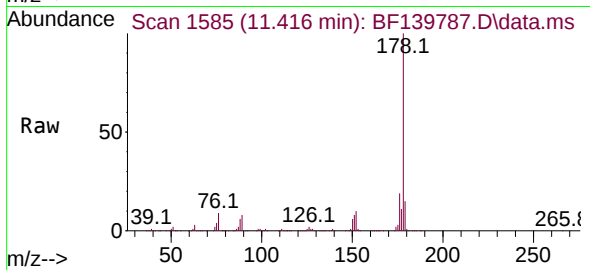
#71
Phenanthrene
Concen: 38.885 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 61998
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.2 12.3 18.5

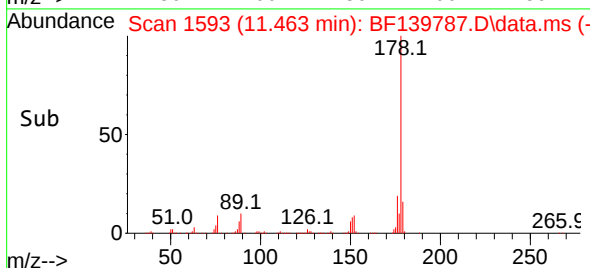
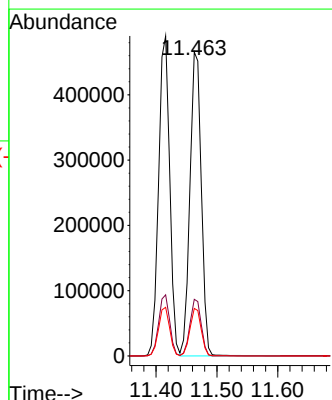
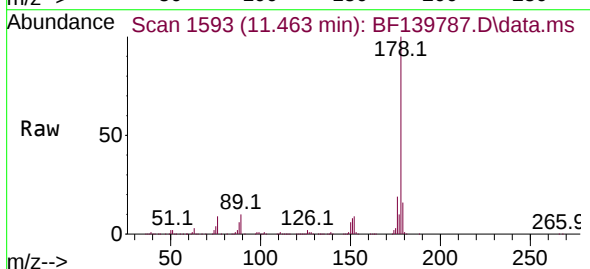
Manual Integrations
APPROVED

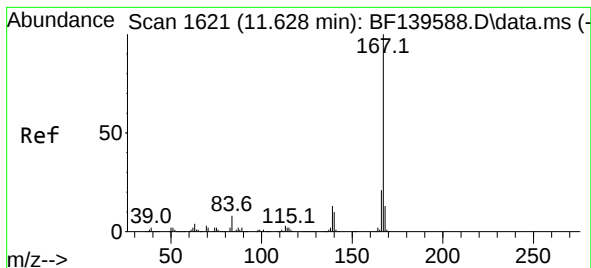
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#72
Anthracene
Concen: 38.334 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:178 Resp: 604668
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.6 12.5 18.7





#73

Carbazole

Concen: 35.315 ng

RT: 11.622 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

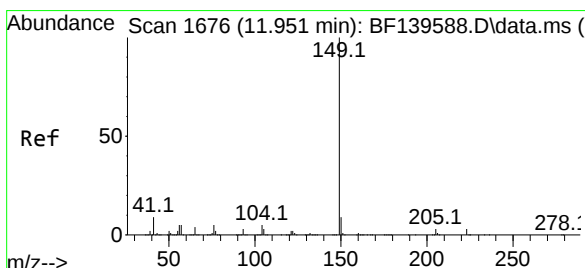
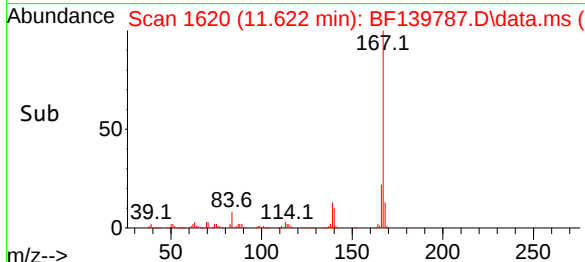
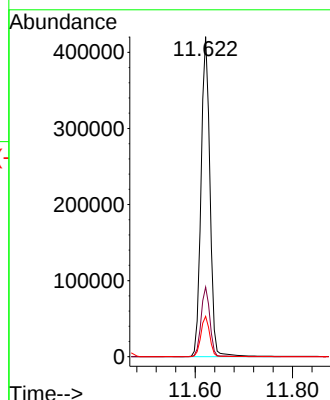
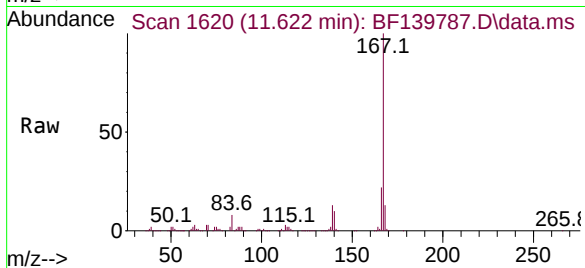
Tgt Ion:167	Resp: 53501
Ion Ratio	Lower Upper
167 100	
166 21.7	17.2 25.8
139 12.6	10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#74

Di-n-butylphthalate

Concen: 35.643 ng

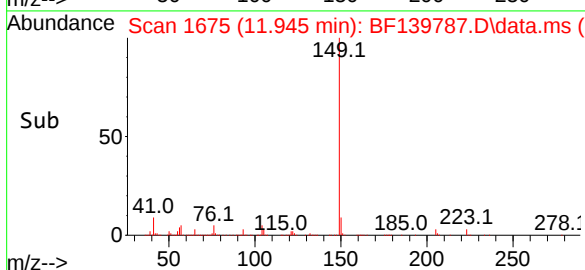
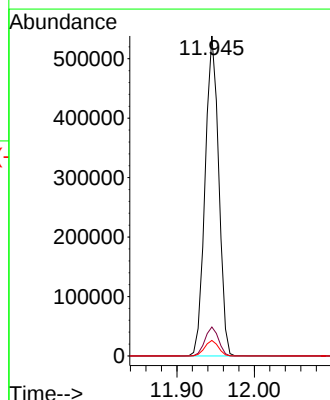
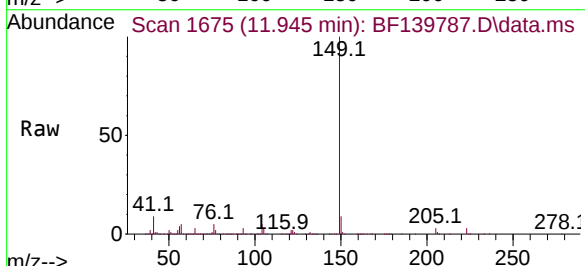
RT: 11.945 min Scan# 1675

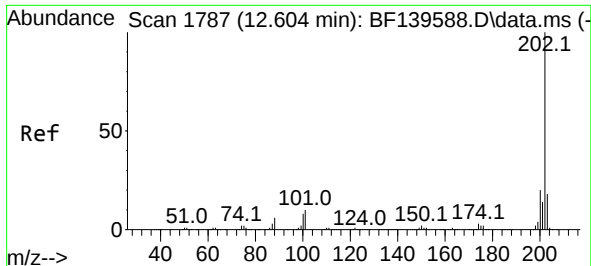
Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

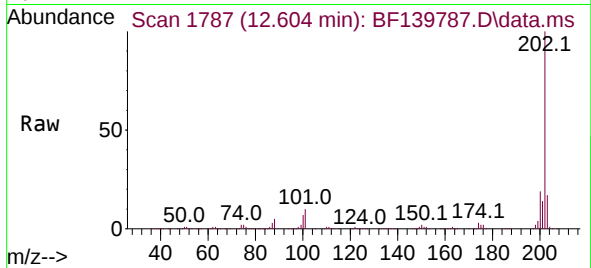
Tgt Ion:149	Resp: 656636
Ion Ratio	Lower Upper
149 100	
150 9.1	7.5 11.3
104 4.8	4.1 6.1





#75
Fluoranthene
Concen: 33.752 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

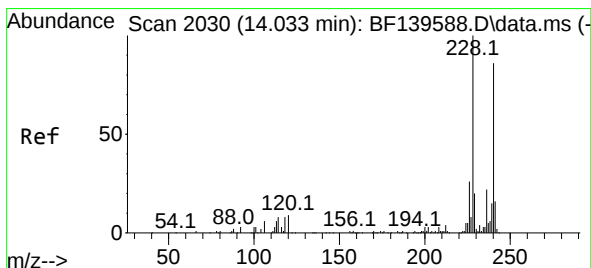
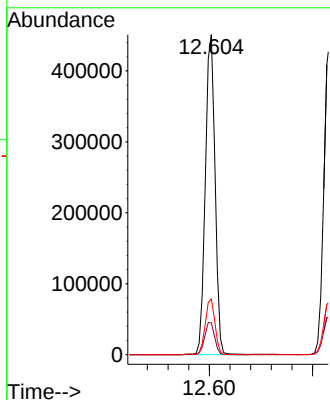
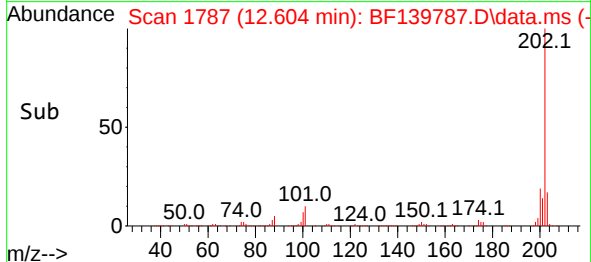
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 588269
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.4 0.0 37.7

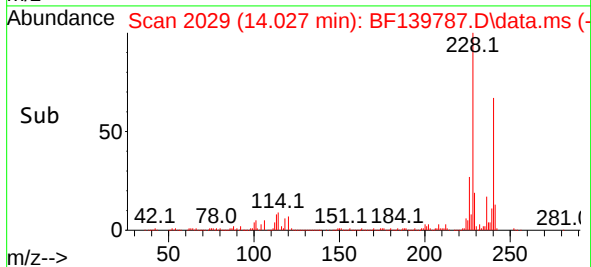
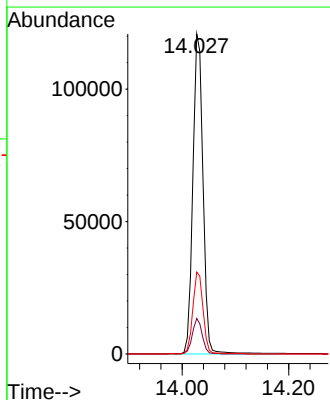
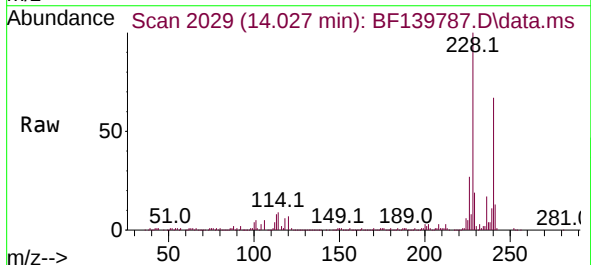
Manual Integrations
APPROVED

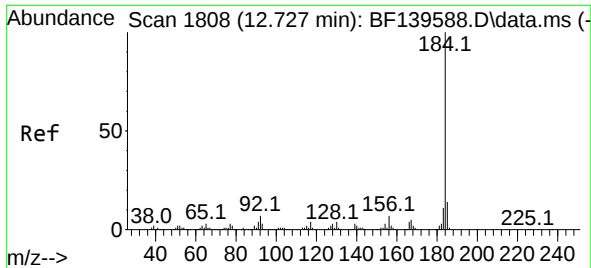
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

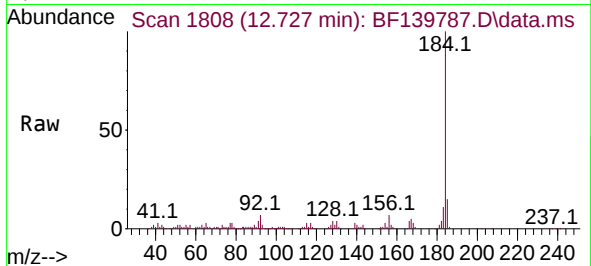
Tgt Ion:240 Resp: 160091
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 25.6 20.3 30.5





#77
Benzidine
Concen: 40.423 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

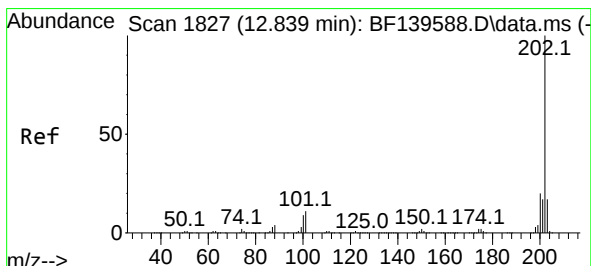
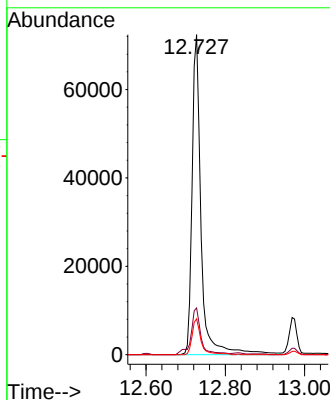
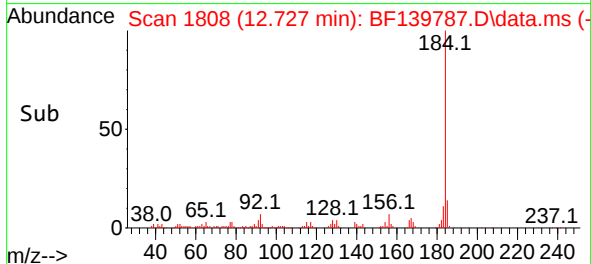
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



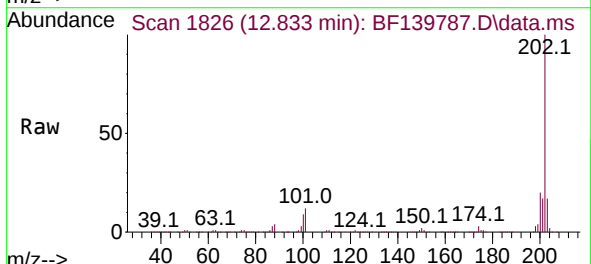
Tgt Ion:184 Resp: 114140
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 11.2 8.8 13.2

Manual Integrations
APPROVED

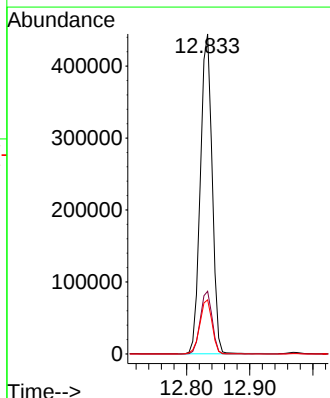
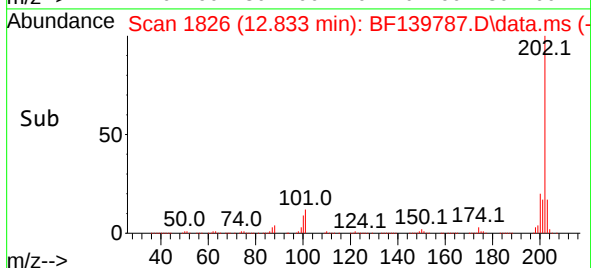
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024

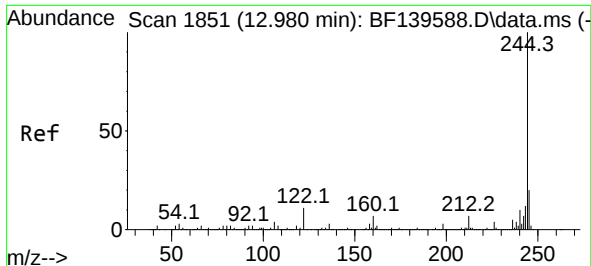


#78
Pyrene
Concen: 40.182 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



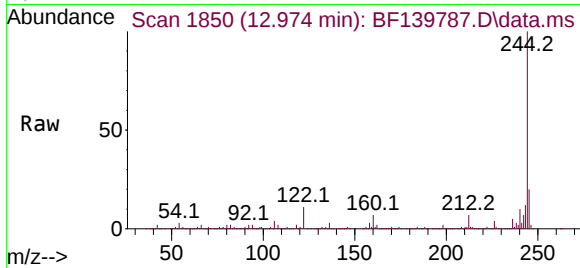
Tgt Ion:202 Resp: 575338
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.6
203 16.9 13.8 20.8





#79
Terphenyl-d14
Concen: 78.278 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

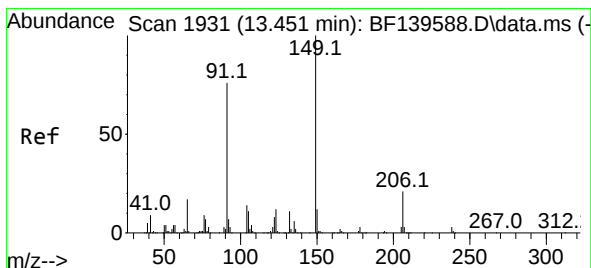
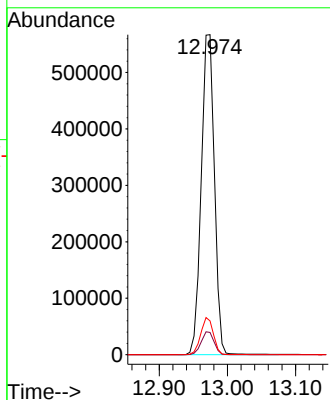
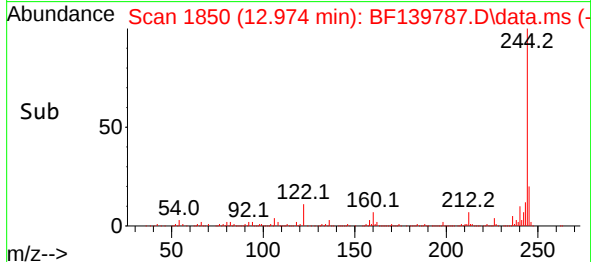
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:244 Resp: 763730
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.6 8.6 12.8

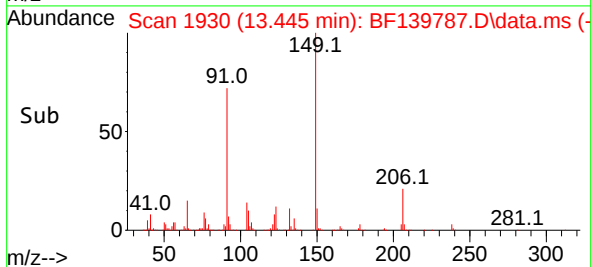
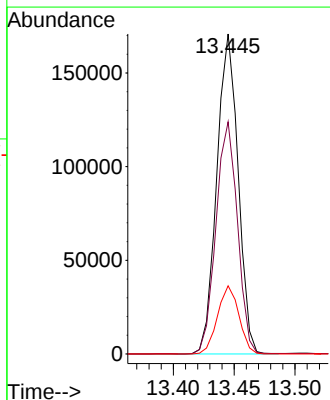
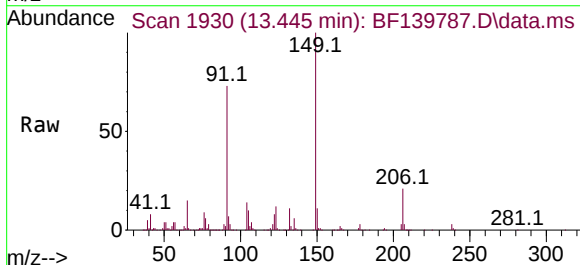
Manual Integrations
APPROVED

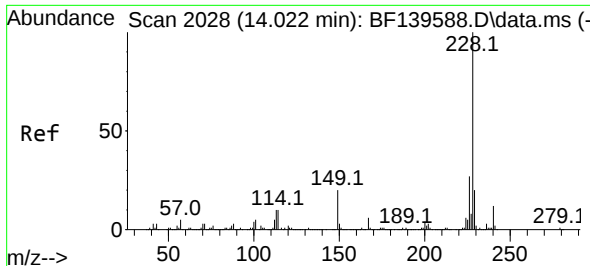
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#80
Butylbenzylphthalate
Concen: 40.710 ng
RT: 13.445 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:149 Resp: 208497
Ion Ratio Lower Upper
149 100
91 72.6 61.0 91.4
206 21.3 16.6 24.8





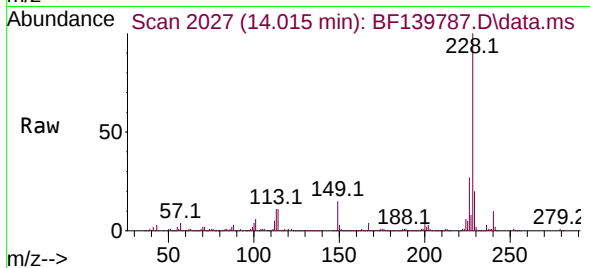
#81
Benzo(a)anthracene
Concen: 38.944 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



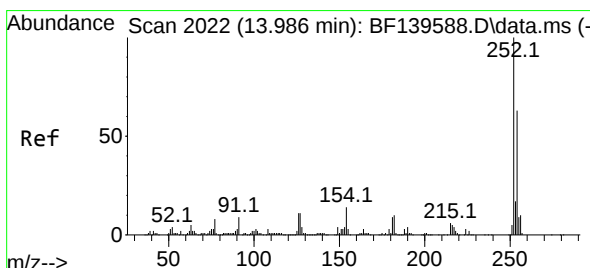
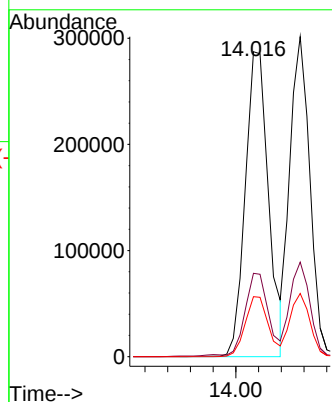
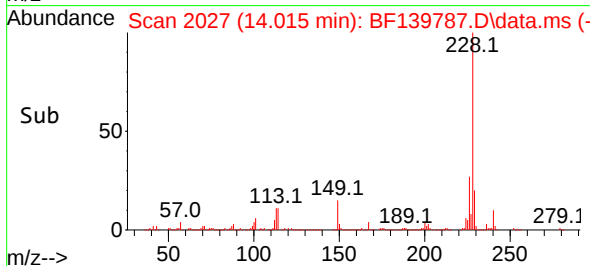
Tgt Ion:228 Resp: 409902
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.8 23.8

Manual Integrations

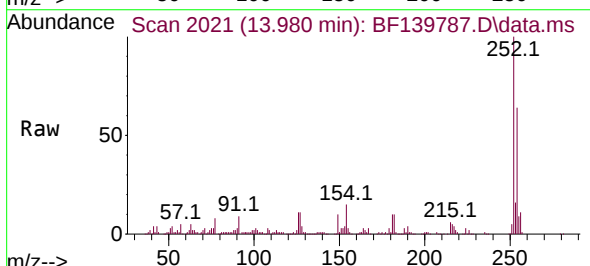
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

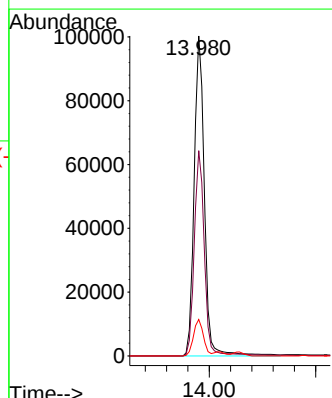
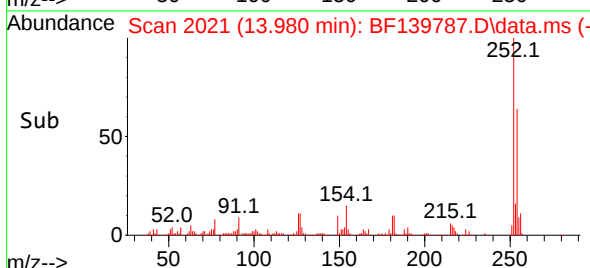
Supervised By :mohammad ahmed 10/15/2024

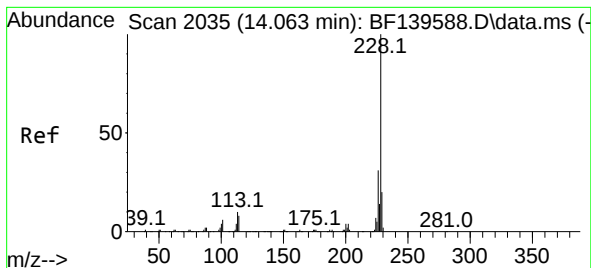


#82
3,3'-Dichlorobenzidine
Concen: 41.853 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:252 Resp: 134818
Ion Ratio Lower Upper
252 100
254 64.2 50.5 75.7
126 11.4 8.8 13.2





#83

Chrysene

Concen: 38.818 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 373538

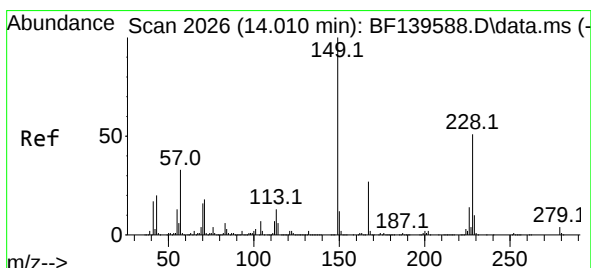
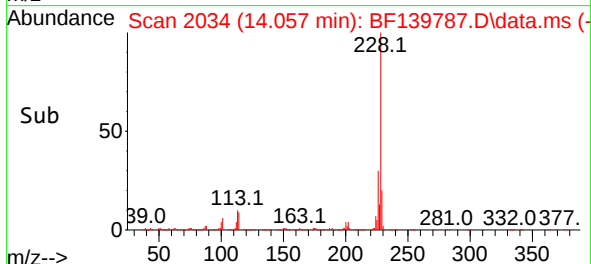
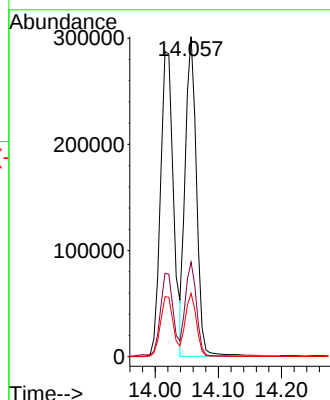
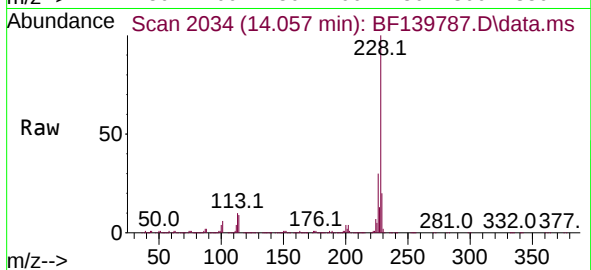
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.939 ng

RT: 13.998 min Scan# 2024

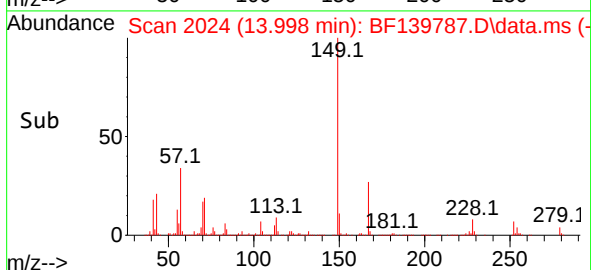
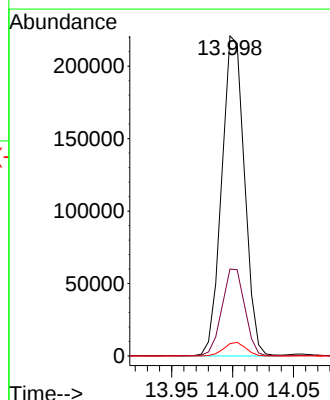
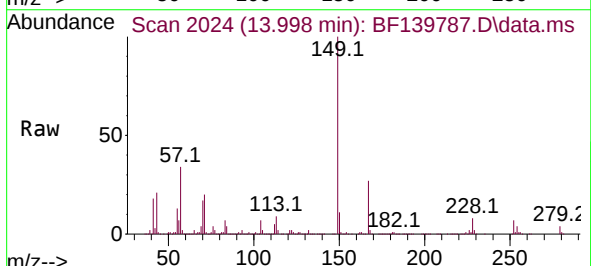
Delta R.T. -0.012 min

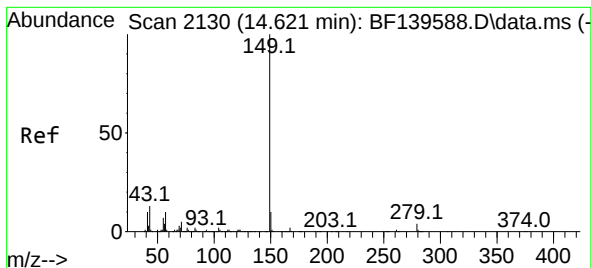
Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Tgt Ion:149 Resp: 287398

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	3.8	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 52.523 ng

RT: 14.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 493478

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

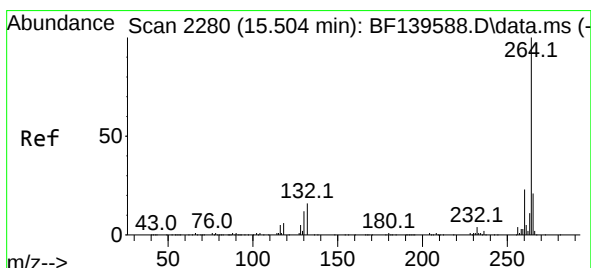
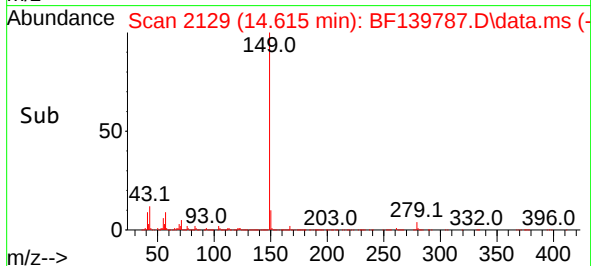
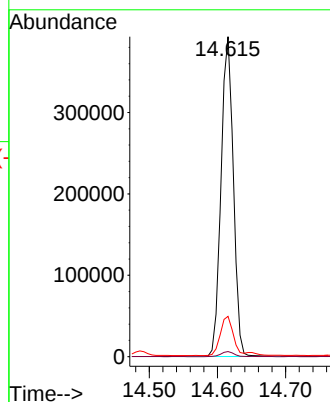
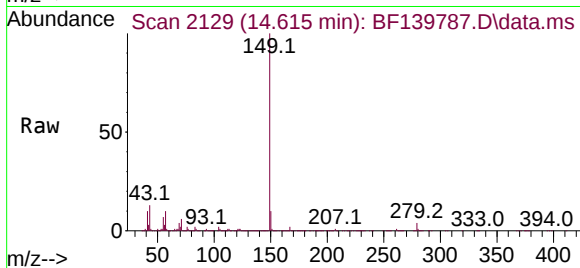
43 12.8 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

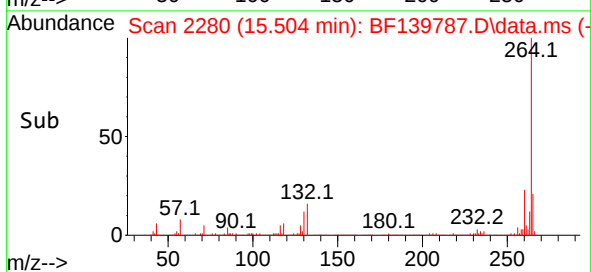
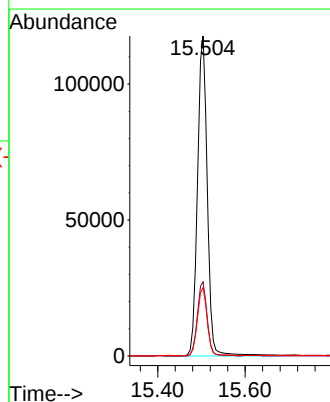
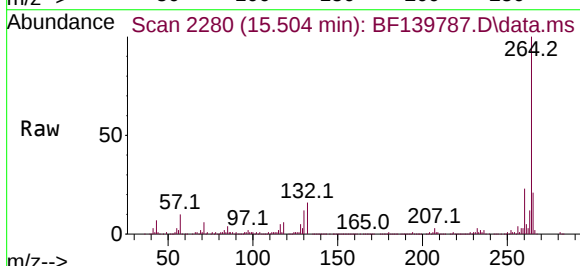
Tgt Ion:264 Resp: 184260

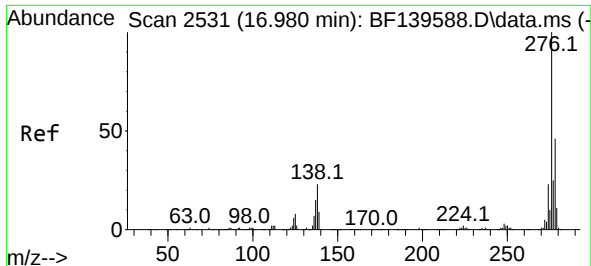
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.3 16.9 25.3





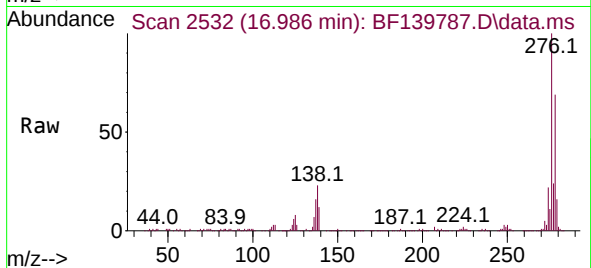
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.829 ng
RT: 16.986 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



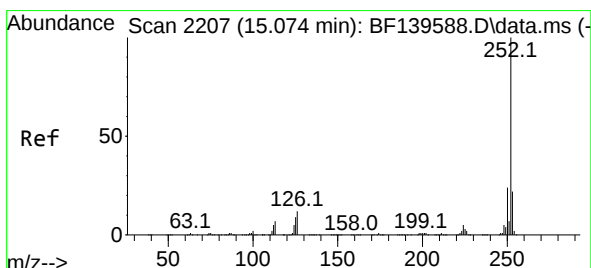
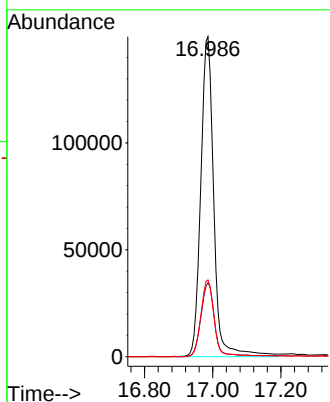
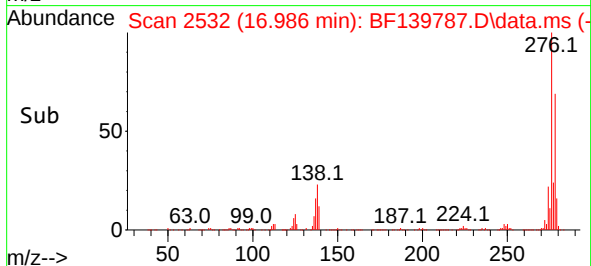
Tgt Ion:276 Resp: 399412
Ion Ratio Lower Upper
276 100
138 23.4 19.4 29.0
277 24.7 20.2 30.2

Manual Integrations

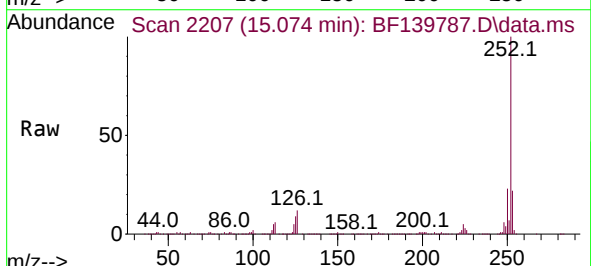
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

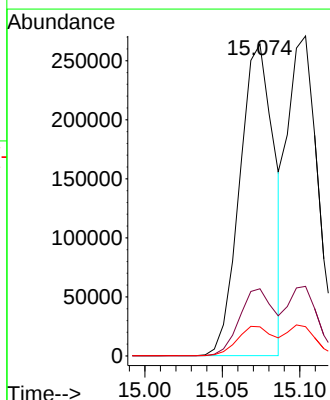
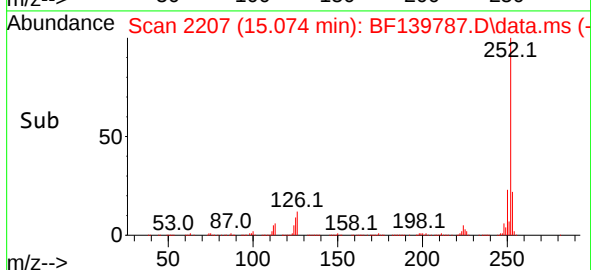
Supervised By :mohammad ahmed 10/15/2024

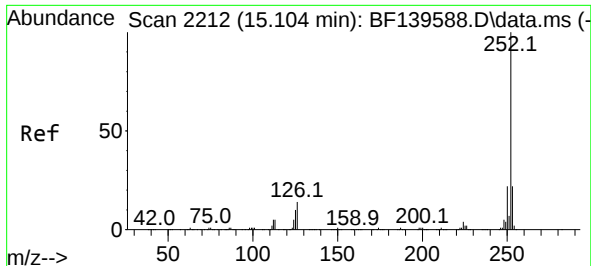


#88
Benzo(b)fluoranthene
Concen: 34.222 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30



Tgt Ion:252 Resp: 407722
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 36.493 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

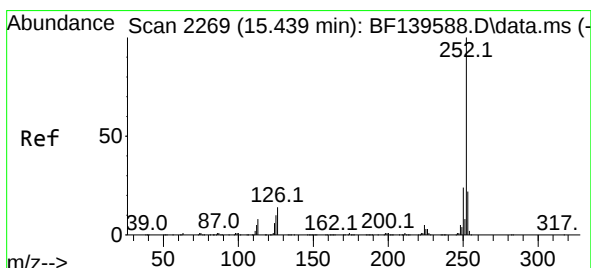
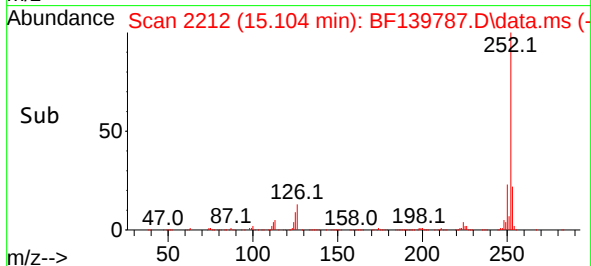
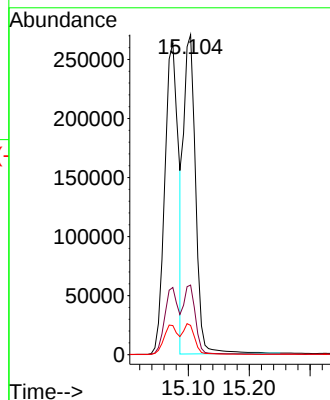
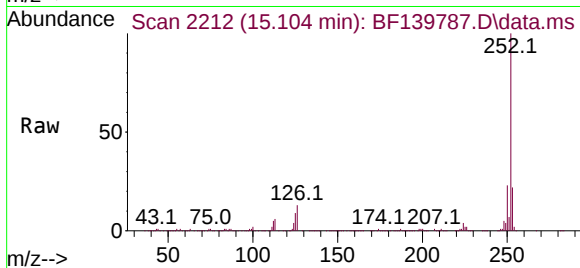
Tgt Ion:252 Resp: 36881
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 9.2 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#90

Benzo(a)pyrene

Concen: 36.097 ng

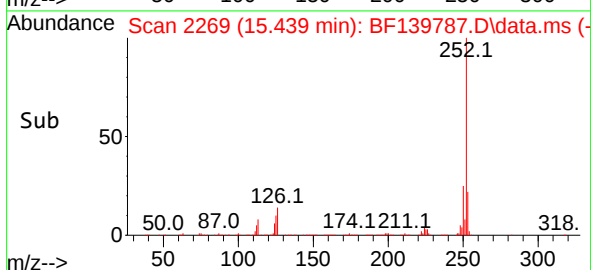
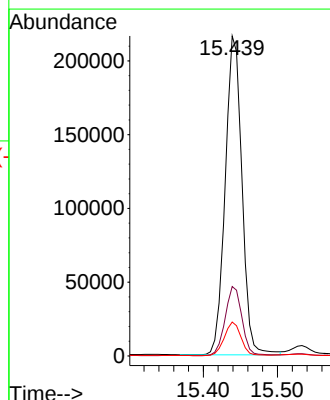
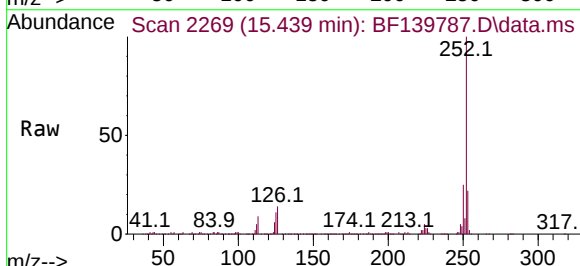
RT: 15.439 min Scan# 2269

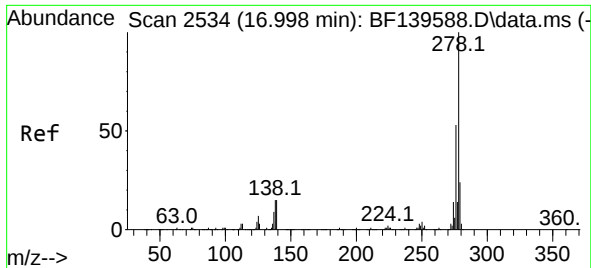
Delta R.T. -0.000 min

Lab File: BF139787.D

Acq: 14 Oct 2024 14:30

Tgt Ion:252 Resp: 339098
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 10.6 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 34.139 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Instrument :

BNA_F

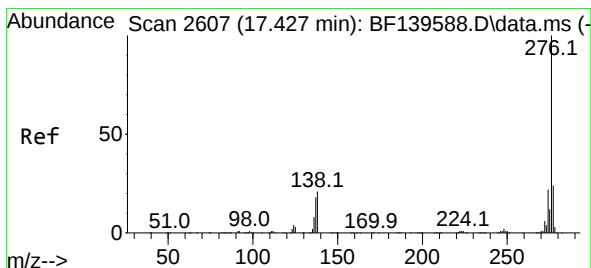
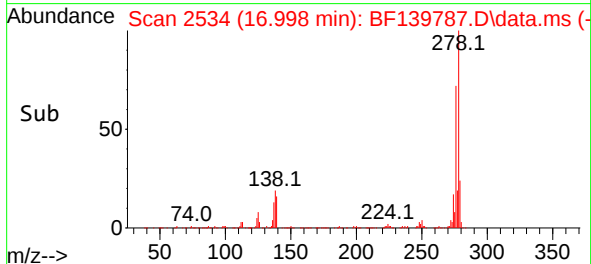
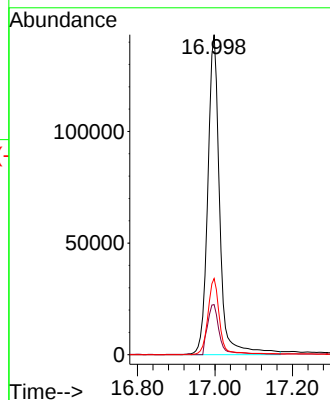
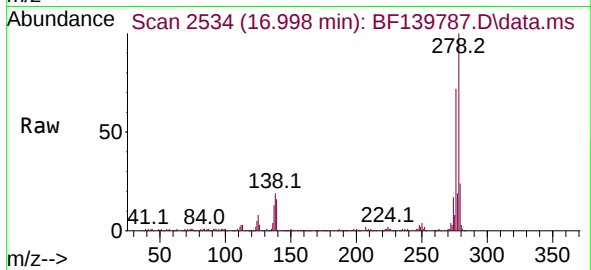
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 307079
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.8 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#92
Benzo(g,h,i)perylene
Concen: 38.275 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139787.D
Acq: 14 Oct 2024 14:30

Tgt Ion:276 Resp: 345290
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 21.0 17.0 25.6

