

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138939.D
 Acq On : 12 Aug 2024 17:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 18:20:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	49336	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	199567	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	106547	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	158539	20.000	ng	0.00
76) Chrysene-d12	14.004	240	88117	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	110645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	259002	81.038	ng	0.00
7) Phenol-d6	6.492	99	350915	81.779	ng	0.00
23) Nitrobenzene-d5	7.410	82	338749	82.989	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	66718	76.445	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	609357	85.930	ng	0.00
79) Terphenyl-d14	12.939	244	379982	72.199	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	51003	36.450	ng	96
3) Pyridine	3.345	79	127934	37.743	ng	94
4) n-Nitrosodimethylamine	3.310	42	88473	43.825	ng	85
6) Aniline	6.510	93	153117	40.012	ng	# 55
8) 2-Chlorophenol	6.634	128	137406	40.863	ng	100
9) Benzaldehyde	6.398	77	94172	36.610	ng	98
10) Phenol	6.504	94	179185	39.661	ng	# 75
11) bis(2-Chloroethyl)ether	6.581	93	134102	38.572	ng	99
12) 1,3-Dichlorobenzene	6.781	146	151313	40.200	ng	99
13) 1,4-Dichlorobenzene	6.857	146	151603	39.910	ng	98
14) 1,2-Dichlorobenzene	7.010	146	145086	40.869	ng	98
15) Benzyl Alcohol	6.992	79	135780	43.903	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	224621	37.541	ng	55
17) 2-Methylphenol	7.110	107	112111	40.376	ng	# 88
18) Hexachloroethane	7.345	117	59677	41.736	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	109141	42.112	ng	99
20) 3+4-Methylphenols	7.263	107	152051	42.680	ng	# 82
22) Acetophenone	7.257	105	207378	42.440	ng	99
24) Nitrobenzene	7.433	77	168683	40.612	ng	98
25) Isophorone	7.669	82	282830	40.579	ng	98
26) 2-Nitrophenol	7.745	139	73934	41.373	ng	94
27) 2,4-Dimethylphenol	7.786	122	85942	40.196	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	166365	39.196	ng	100
29) 2,4-Dichlorophenol	7.992	162	114264	41.590	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	129016	40.692	ng	99
31) Naphthalene	8.145	128	421987	40.172	ng	100
32) Benzoic acid	7.933	122	59809	35.586	ng	94
33) 4-Chloroaniline	8.198	127	126931	35.997	ng	97
34) Hexachlorobutadiene	8.257	225	84229	43.860	ng	98
35) Caprolactam	8.580	113	29961	36.547	ng	95
36) 4-Chloro-3-methylphenol	8.692	107	129099	41.116	ng	99
37) 2-Methylnaphthalene	8.833	142	269365	40.602	ng	100
38) 1-Methylnaphthalene	8.933	142	261503	40.226	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	122337	41.334	ng	98
41) Hexachlorocyclopentadiene	8.980	237	26520	37.871	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	74147	41.088	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138939.D
 Acq On : 12 Aug 2024 17:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 18:20:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

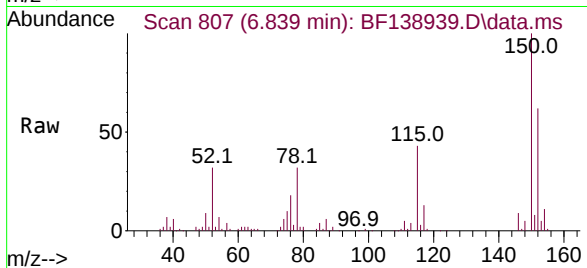
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	77807	39.440	ng	97
46) 1,1'-Biphenyl	9.298	154	340311	40.782	ng	99
47) 2-Chloronaphthalene	9.327	162	250973	40.439	ng	100
48) 2-Nitroaniline	9.427	65	84338	40.085	ng	96
49) Acenaphthylene	9.739	152	347920	39.527	ng	99
50) Dimethylphthalate	9.598	163	267864	39.318	ng	99
51) 2,6-Dinitrotoluene	9.669	165	60856	39.581	ng	89
52) Acenaphthene	9.910	154	233275	39.425	ng	99
53) 3-Nitroaniline	9.839	138	56308	35.426	ng	98
54) 2,4-Dinitrophenol	9.957	184	29928	42.285	ng #	83
55) Dibenzofuran	10.080	168	329005	39.390	ng	98
56) 4-Nitrophenol	10.027	139	24353m	25.479	ng	
57) 2,4-Dinitrotoluene	10.074	165	75778	38.630	ng #	82
58) Fluorene	10.427	166	266008	39.993	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	56925	37.743	ng	96
60) Diethylphthalate	10.292	149	255961	39.624	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	132420	40.480	ng	96
62) 4-Nitroaniline	10.457	138	50647	33.531	ng	88
63) Azobenzene	10.574	77	273851	38.224	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	37848	39.131	ng	89
66) n-Nitrosodiphenylamine	10.533	169	207536	41.879	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	72407	42.183	ng	97
68) Hexachlorobenzene	10.974	284	73701	41.585	ng	99
69) Atrazine	11.063	200	45494	35.583	ng	100
70) Pentachlorophenol	11.174	266	30703	38.434	ng	97
71) Phenanthrene	11.386	178	326343	39.976	ng	99
72) Anthracene	11.439	178	322648	40.120	ng	100
73) Carbazole	11.598	167	260836	37.593	ng	99
74) Di-n-butylphthalate	11.916	149	322519	41.349	ng	99
75) Fluoranthene	12.574	202	294742	38.674	ng	98
77) Benzidine	12.698	184	47429	22.504	ng	97
78) Pyrene	12.804	202	290623	35.030	ng	100
80) Butylbenzylphthalate	13.410	149	111784	42.075	ng	98
81) Benzo(a)anthracene	13.992	228	236313	38.945	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	72073	46.415	ng	99
83) Chrysene	14.027	228	222028	40.557	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	170401	43.800	ng	100
85) Di-n-octyl phthalate	14.580	149	322668	44.828	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	303038	38.218	ng	96
88) Benzo(b)fluoranthene	15.039	252	271442	39.575	ng	98
89) Benzo(k)fluoranthene	15.068	252	224112	37.738	ng	99
90) Benzo(a)pyrene	15.404	252	227060	39.356	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	249774	38.374	ng	98
92) Benzo(g,h,i)perylene	17.392	276	256818	38.023	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

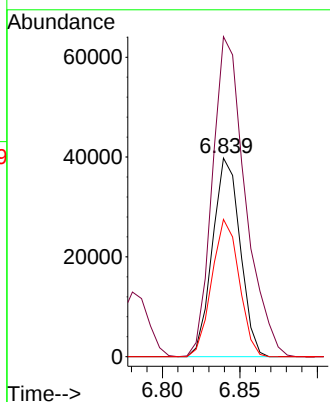
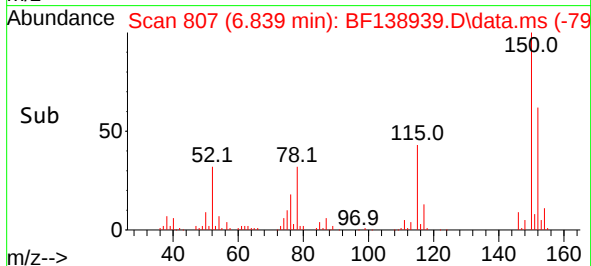
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:152 Resp: 49330
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 69.1 51.7 77.5

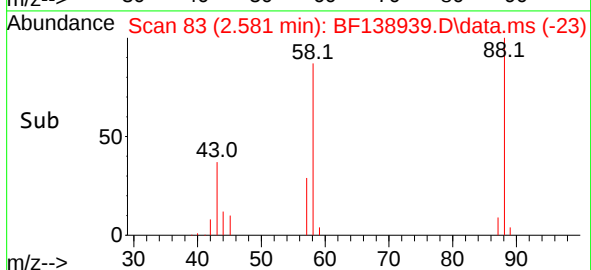
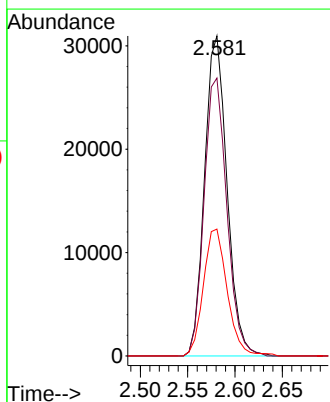
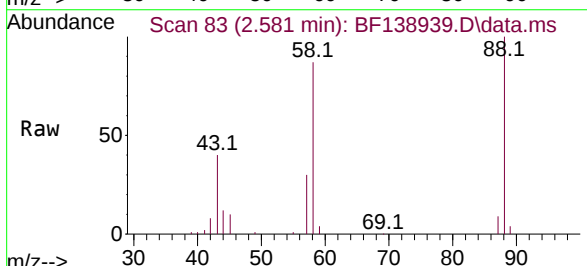
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#2
1,4-Dioxane
Concen: 36.450 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion: 88 Resp: 51003
Ion Ratio Lower Upper
88 100
58 88.4 71.6 107.4
43 42.2 28.7 43.1





#3

Pyridine

Concen: 37.743 ng

RT: 3.345 min Scan# 211

Delta R.T. 0.012 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 127934

Ion Ratio Lower Upper

79 100

52 96.6 74.7 112.1

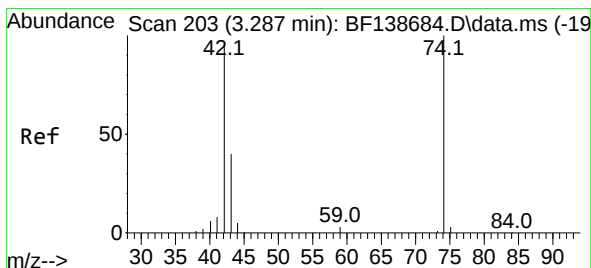
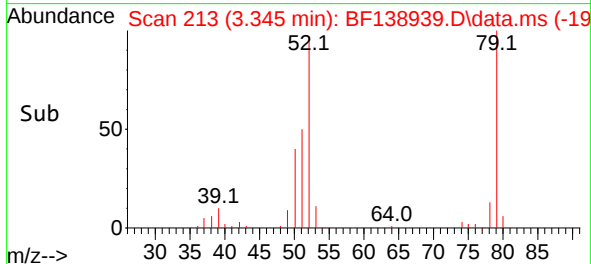
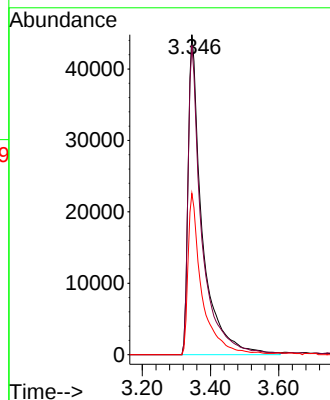
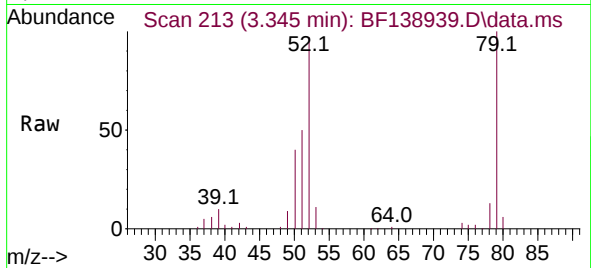
51 50.4 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#4

n-Nitrosodimethylamine

Concen: 43.825 ng

RT: 3.310 min Scan# 207

Delta R.T. 0.023 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

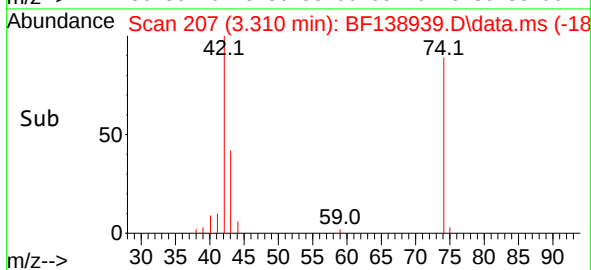
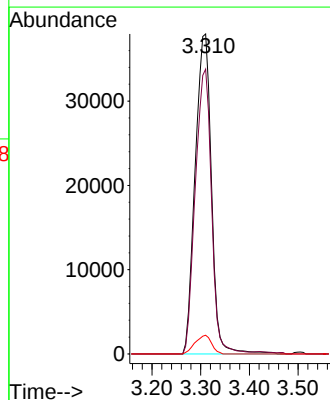
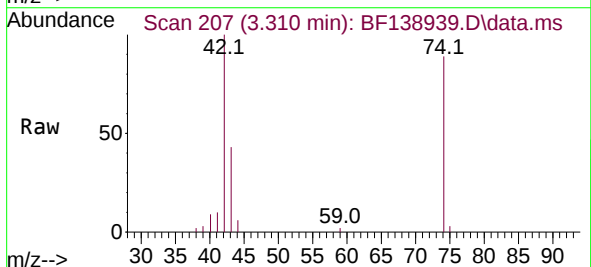
Tgt Ion: 42 Resp: 88473

Ion Ratio Lower Upper

42 100

74 89.0 84.2 126.4

44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 81.038 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

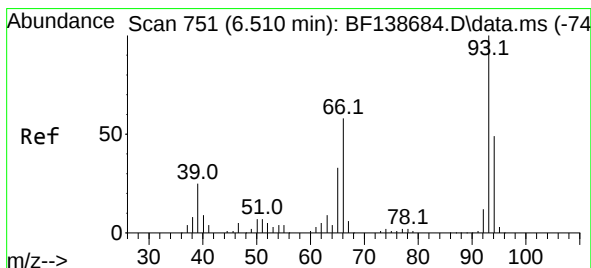
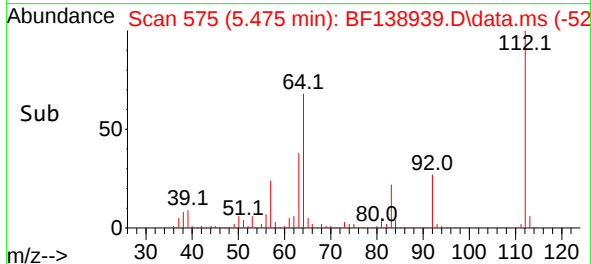
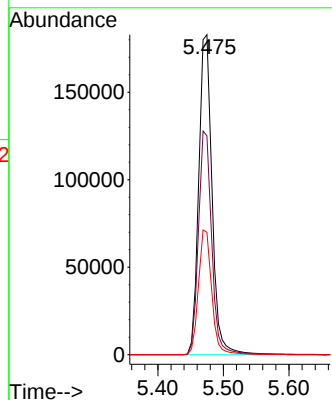
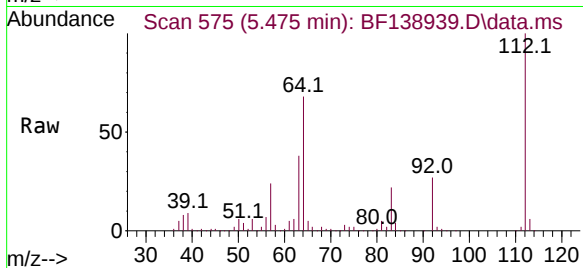
SSTDCCC040EC

Tgt Ion:112 Resp: 25900
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 38.2 28.7 43.1

Manual Integrations

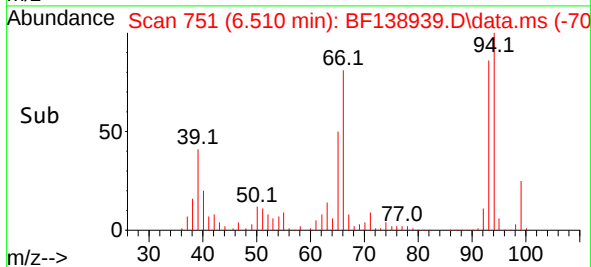
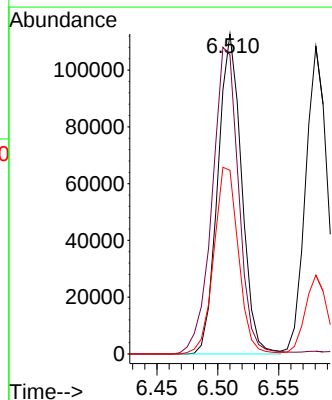
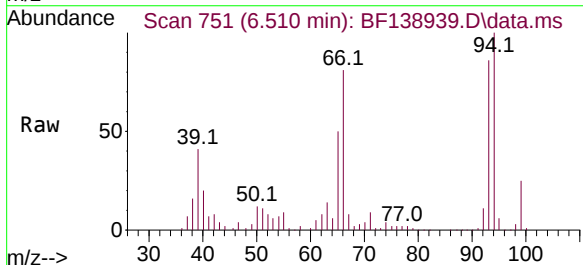
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#6
Aniline
Concen: 40.012 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion: 93 Resp: 153117
Ion Ratio Lower Upper
93 100
66 93.4 46.9 70.3#
65 57.4 26.5 39.7#





#7

Phenol-d6

Concen: 81.779 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 350915

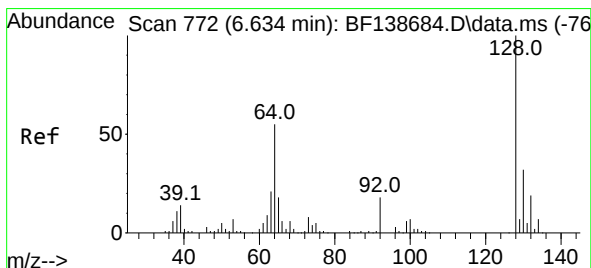
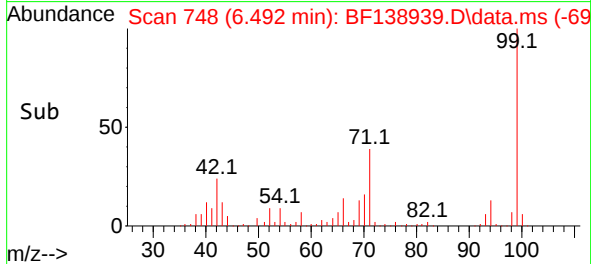
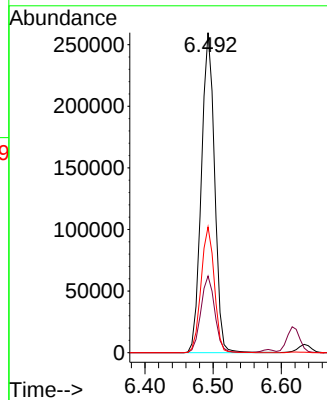
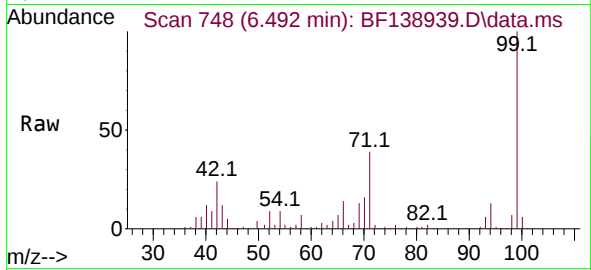
Ion	Ratio	Lower	Upper
99	100		
42	24.0	17.4	26.0
71	39.3	28.1	42.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#8

2-Chlorophenol

Concen: 40.863 ng

RT: 6.634 min Scan# 772

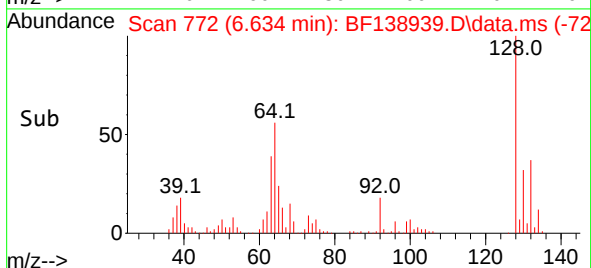
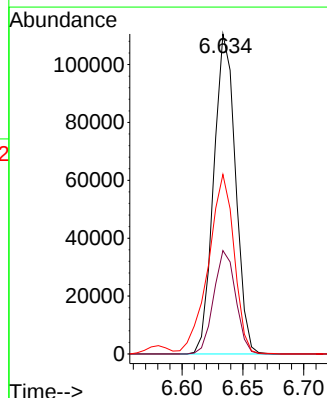
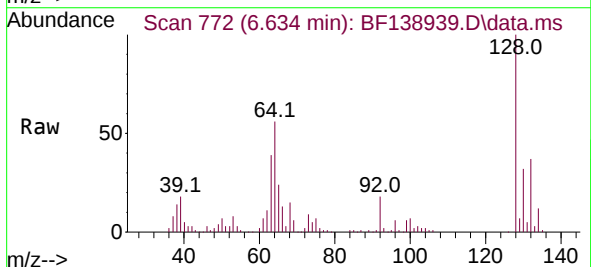
Delta R.T. -0.000 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion:128 Resp: 137406

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.0	52.0
64	56.1	36.3	76.3





#9
Benzaldehyde
Concen: 36.610 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

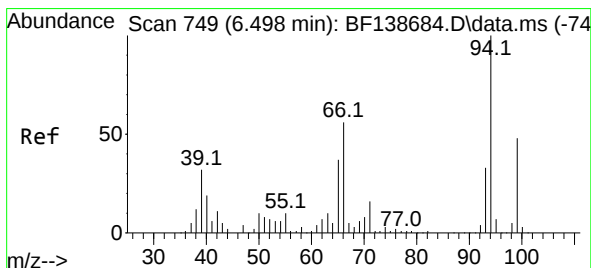
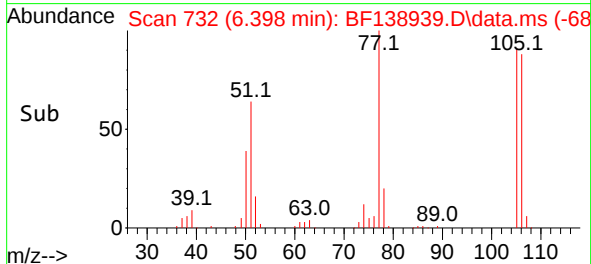
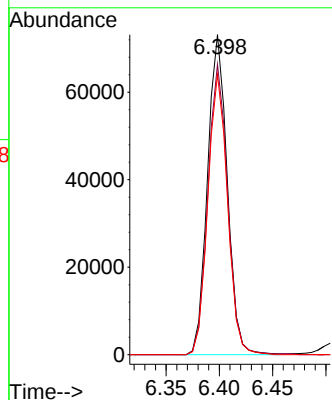
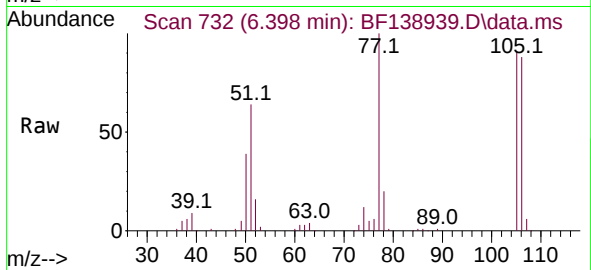
SSTDCCC040EC

Tgt Ion: 77 Resp: 94172
Ion Ratio Lower Upper
77 100
105 90.7 72.9 112.9
106 87.6 68.4 108.4

Manual Integrations

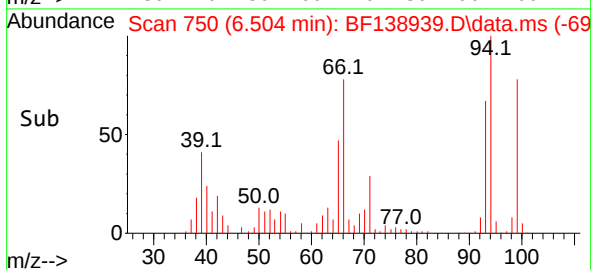
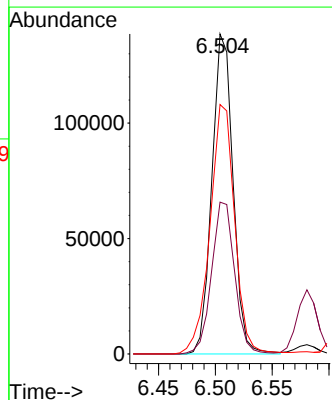
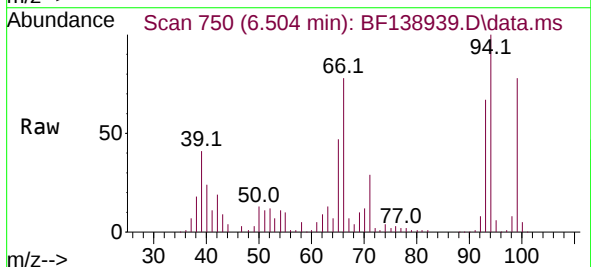
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Phenol
Concen: 39.661 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion: 94 Resp: 179185
Ion Ratio Lower Upper
94 100
65 47.5 16.9 56.9
66 78.0 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 38.572 ng

RT: 6.581 min Scan# 701

Delta R.T. -0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 13410

Ion Ratio Lower Upper

93 100

63 84.7 65.3 105.3

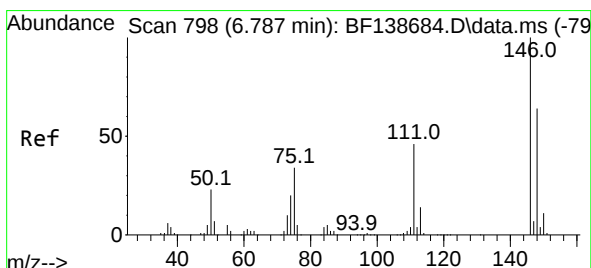
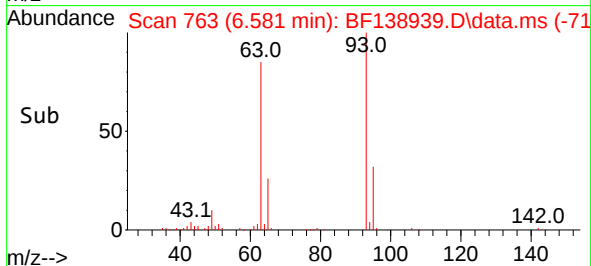
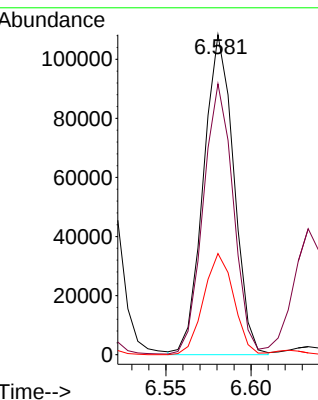
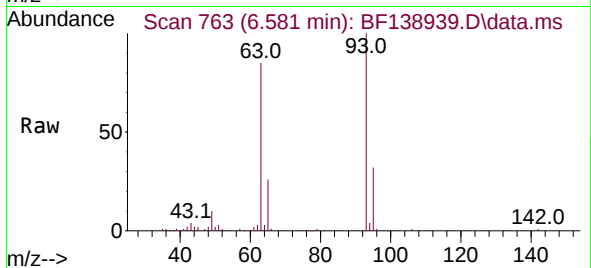
95 31.6 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#12

1,3-Dichlorobenzene

Concen: 40.200 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

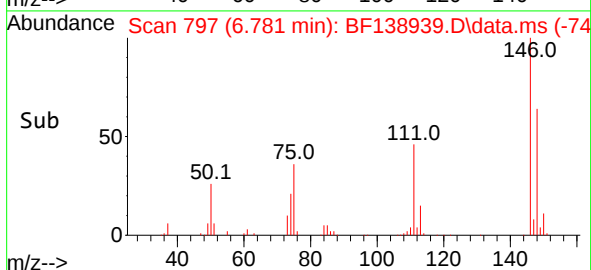
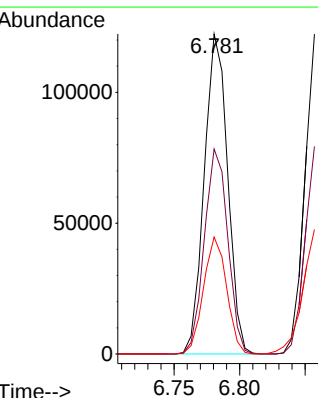
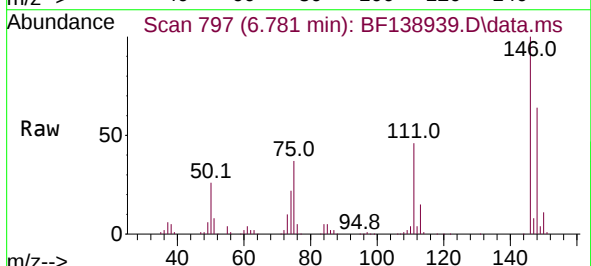
Tgt Ion:146 Resp: 151313

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

75 36.5 27.4 41.2





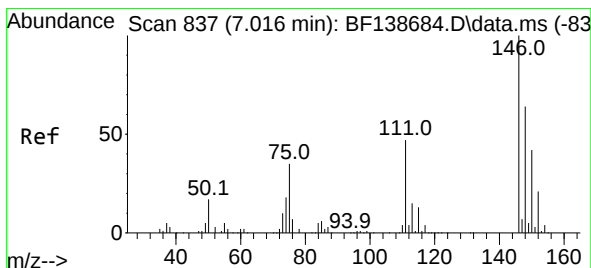
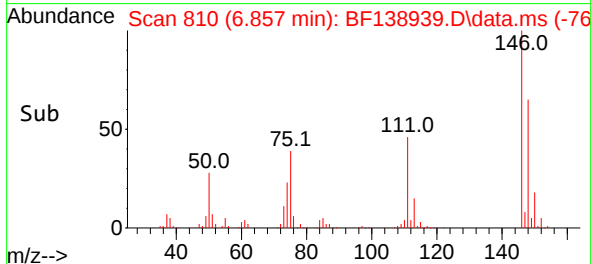
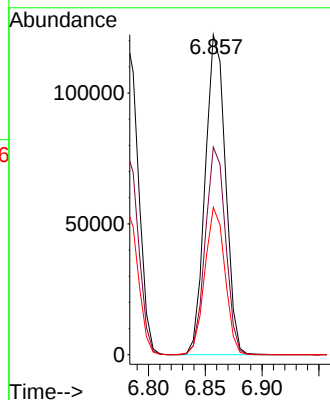
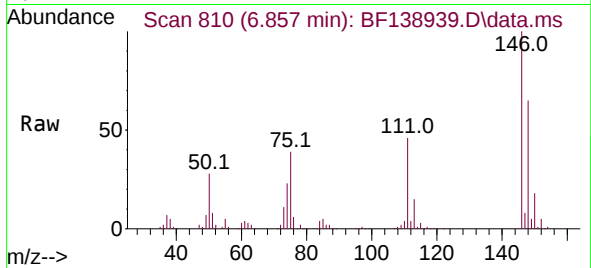
#13
1,4-Dichlorobenzene
Concen: 39.910 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 151600
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.2
111 46.1 35.9 53.9

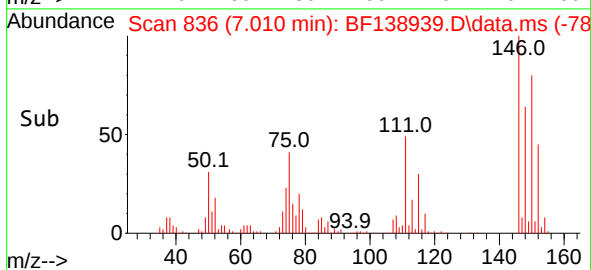
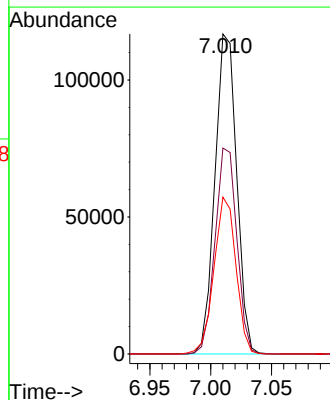
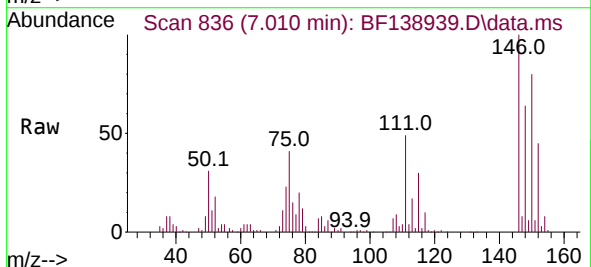
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#14
1,2-Dichlorobenzene
Concen: 40.869 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

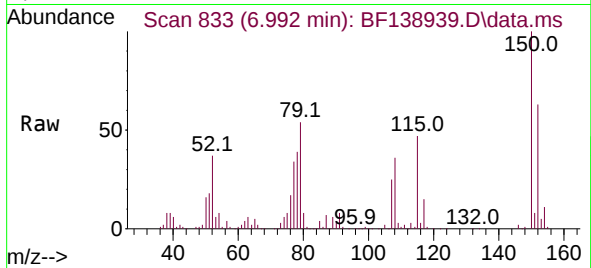
Tgt Ion:146 Resp: 145086
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 49.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 43.903 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

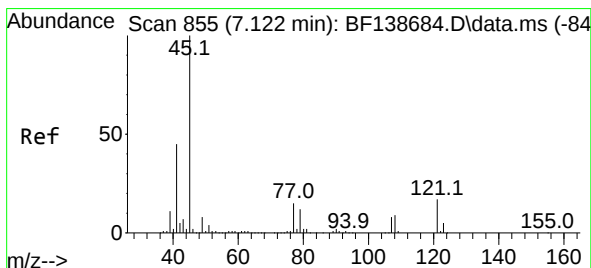
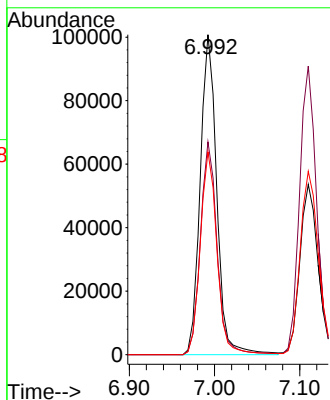
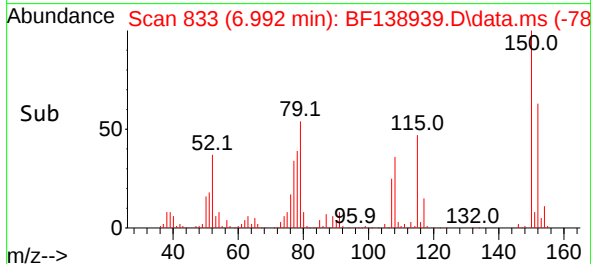
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



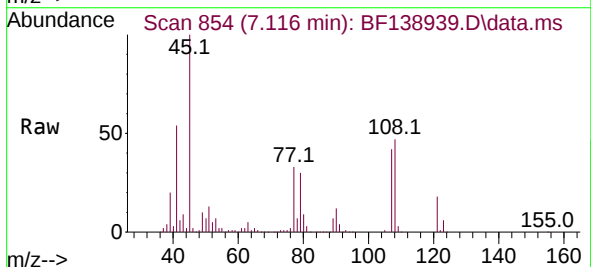
Tgt Ion: 79 Resp: 135780
Ion Ratio Lower Upper
79 100
108 66.5 56.6 85.0
77 63.3 50.3 75.5

Manual Integrations
APPROVED

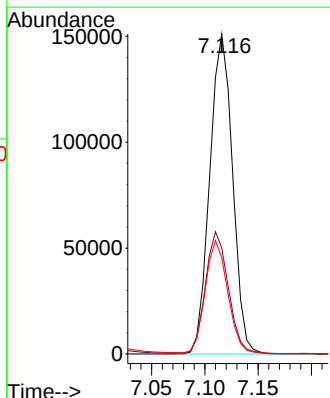
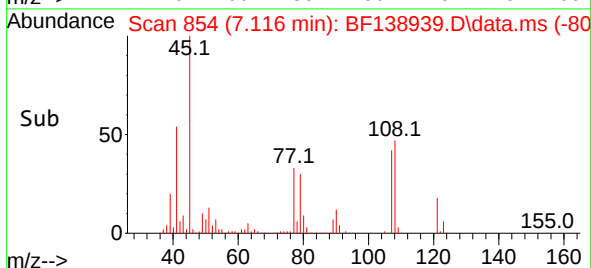
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

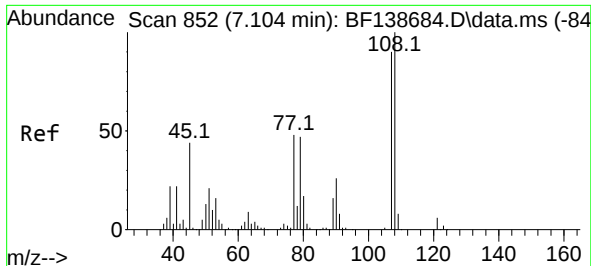


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.541 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion: 45 Resp: 224621
Ion Ratio Lower Upper
45 100
77 33.2 0.0 34.9
79 30.1 0.0 32.2





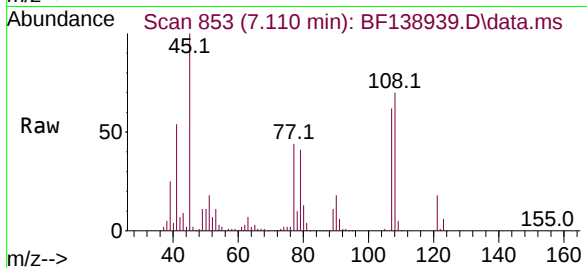
#17
2-Methylphenol
Concen: 40.376 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

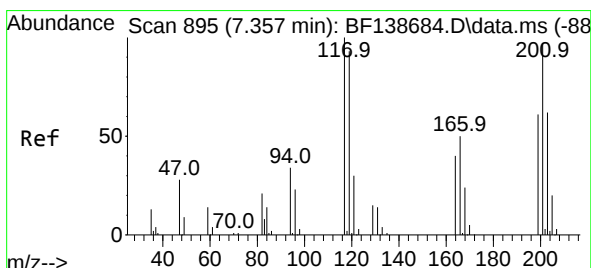
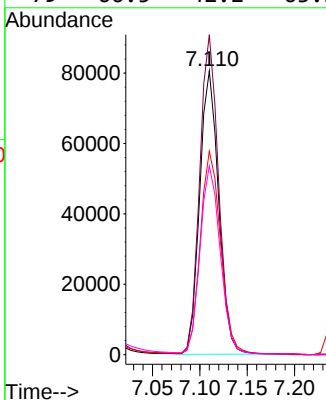
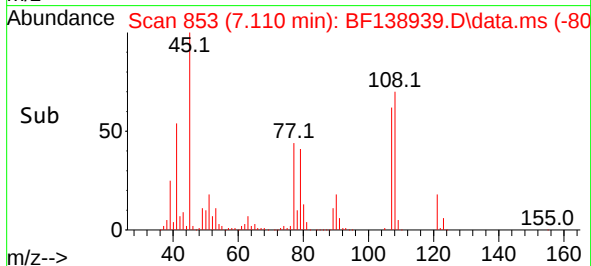


Tgt Ion:107 Resp: 11211
Ion Ratio Lower Upper
107 100
108 112.7 89.2 133.8
77 71.6 43.0 64.4
79 66.5 42.2 63.2#

Manual Integrations

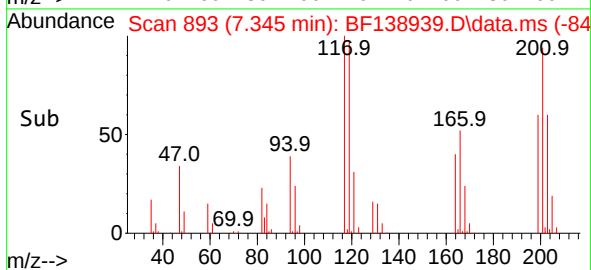
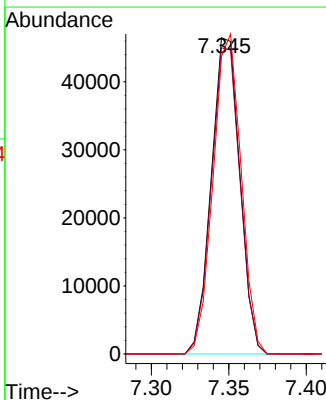
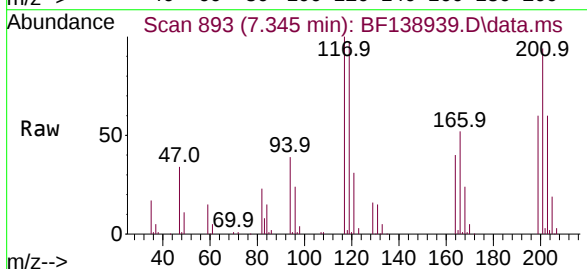
APPROVED

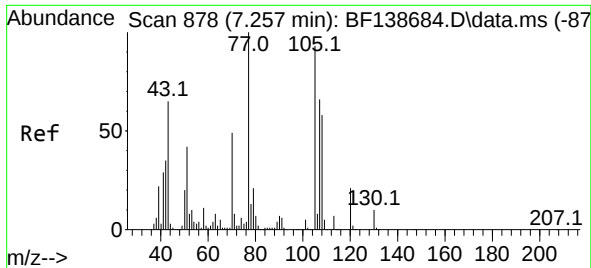
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#18
Hexachloroethane
Concen: 41.736 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:117 Resp: 59677
Ion Ratio Lower Upper
117 100
119 96.8 74.6 111.8
201 94.1 77.2 115.8





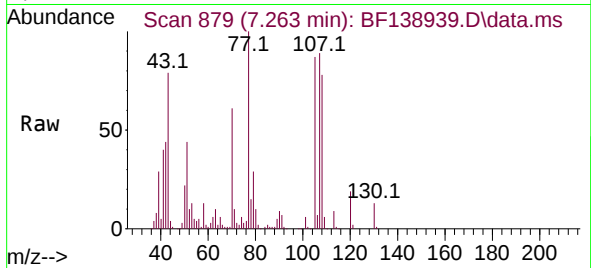
#19
n-Nitroso-di-n-propylamine
Concen: 42.112 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



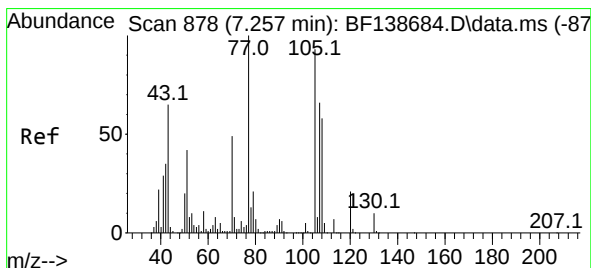
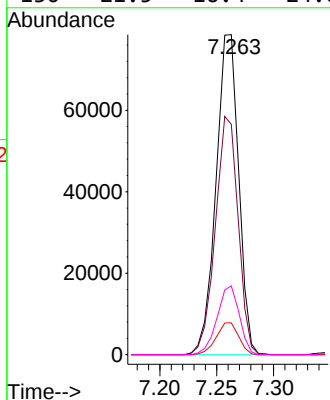
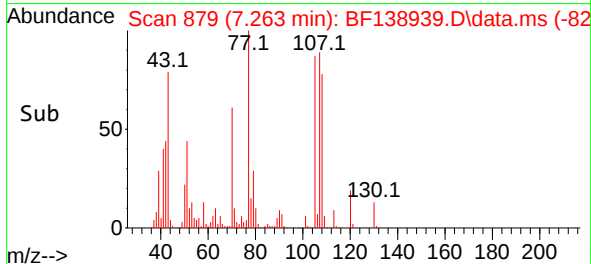
Tgt Ion: 70 Resp: 10914
Ion Ratio Lower Upper
70 100
42 72.0 57.4 86.0
101 10.0 7.5 11.3
130 21.5 16.4 24.6

Manual Integrations

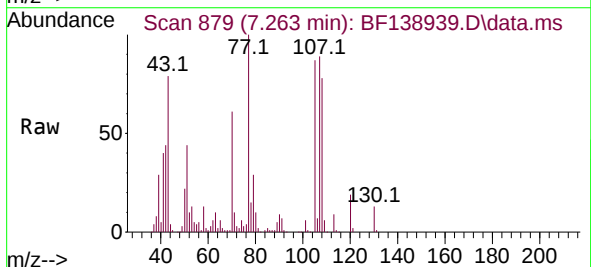
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

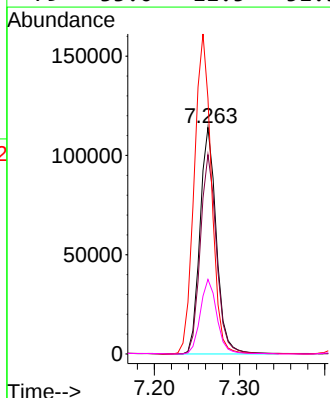
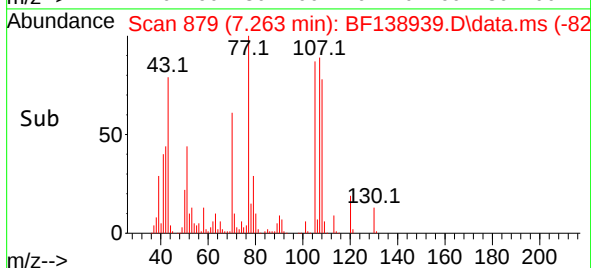
Supervised By :mohammad ahmed 08/13/2024

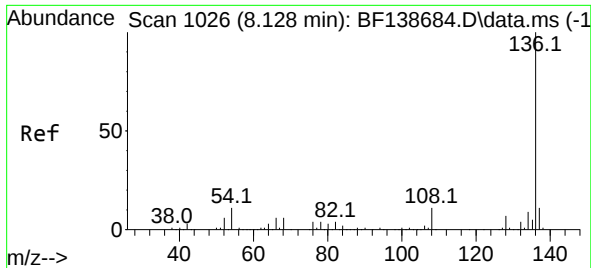


#20
3+4-Methylphenols
Concen: 42.680 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:107 Resp: 152051
Ion Ratio Lower Upper
107 100
108 88.0 68.2 108.2
77 112.8 132.1 172.1#
79 33.0 11.5 51.5





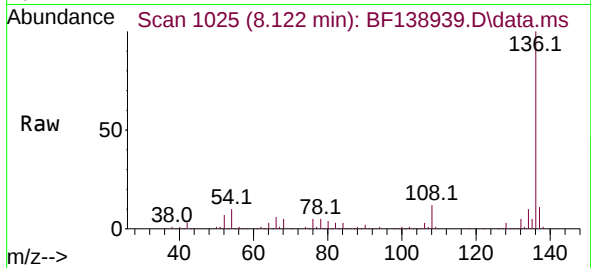
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



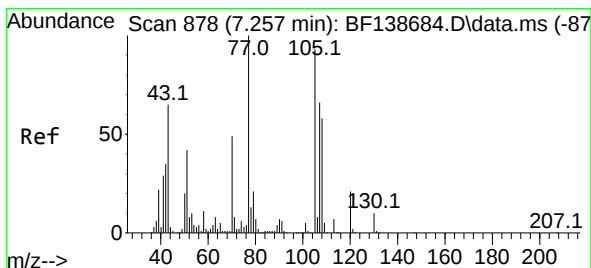
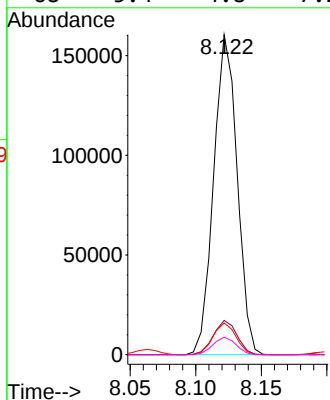
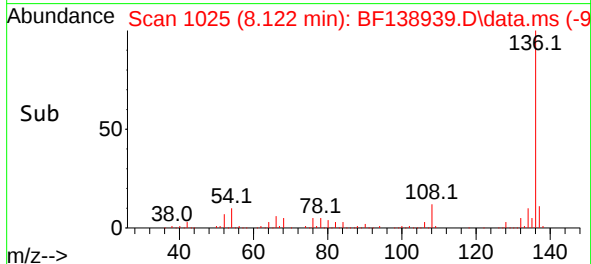
Tgt Ion:136 Resp: 19956
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.9 8.6 12.8
68 5.4 4.8 7.2

Manual Integrations

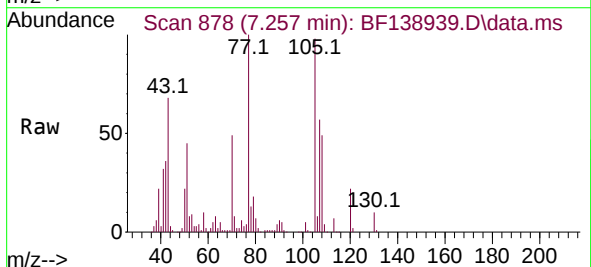
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

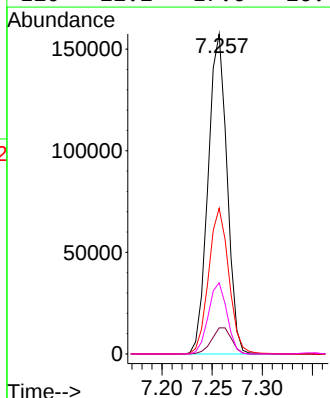
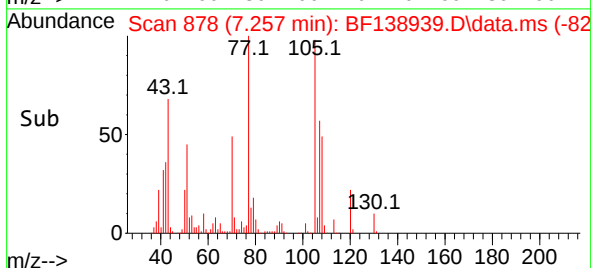
Supervised By :mohammad ahmed 08/13/2024



#22
Acetophenone
Concen: 42.440 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:105 Resp: 207378
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 45.6 35.9 53.9
120 22.2 17.6 26.4





#23

Nitrobenzene-d5

Concen: 82.989 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

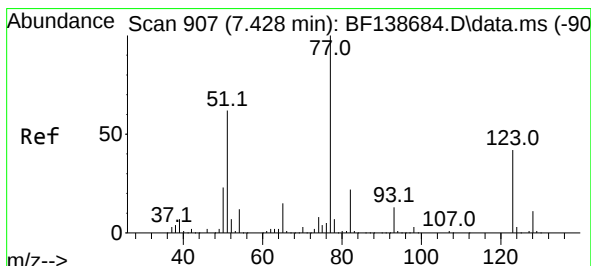
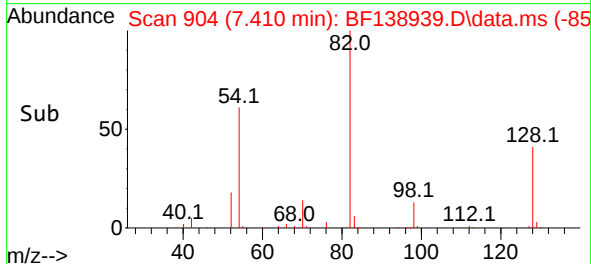
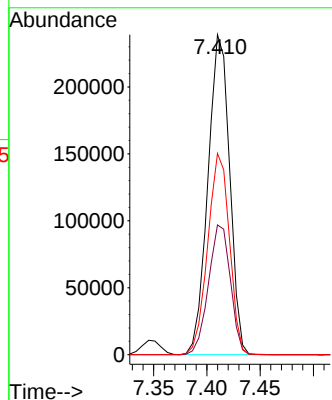
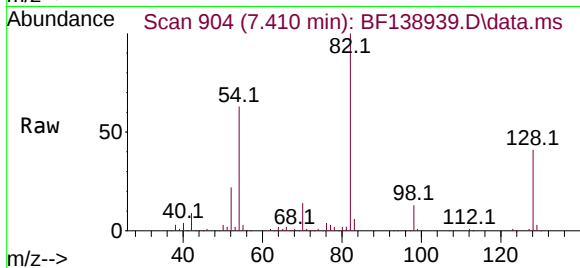
SSTDCCC040EC

Tgt Ion: 82 Resp: 338749
 Ion Ratio Lower Upper
 82 100
 128 40.6 32.8 49.2
 54 62.9 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#24

Nitrobenzene

Concen: 40.612 ng

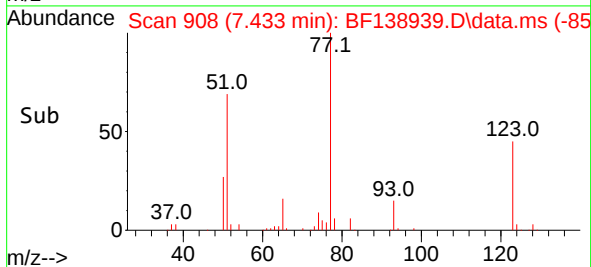
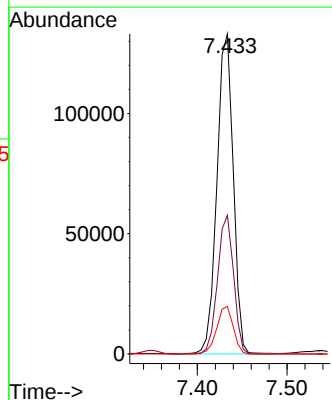
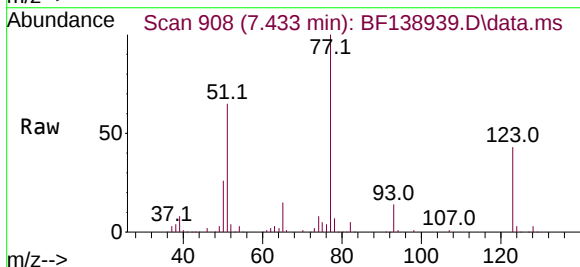
RT: 7.433 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

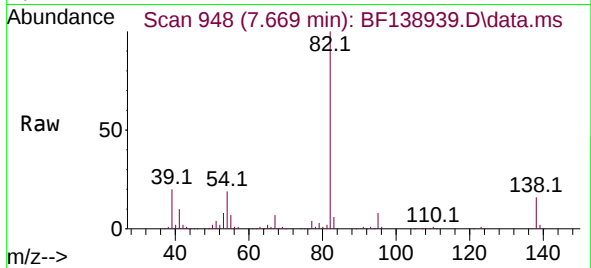
Tgt Ion: 77 Resp: 168683
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.3 49.9
 65 14.8 11.9 17.9





#25
Isophorone
Concen: 40.579 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

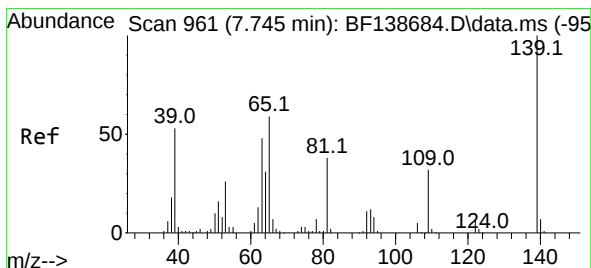
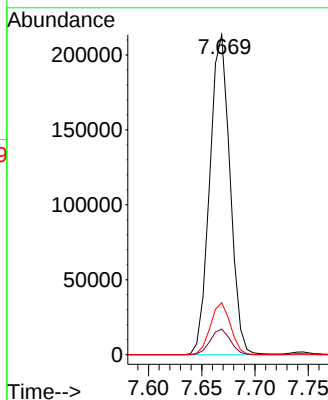
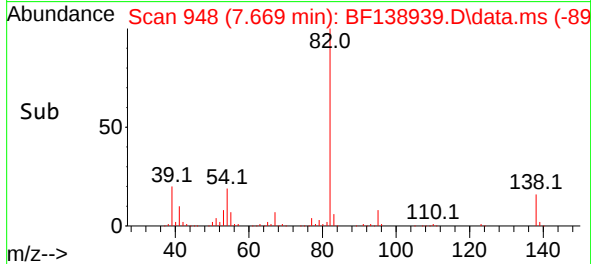
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



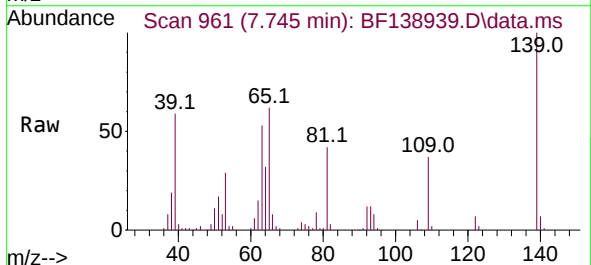
Tgt Ion: 82 Resp: 282830
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.3 13.7 20.5

Manual Integrations
APPROVED

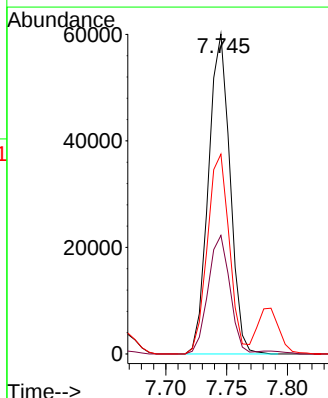
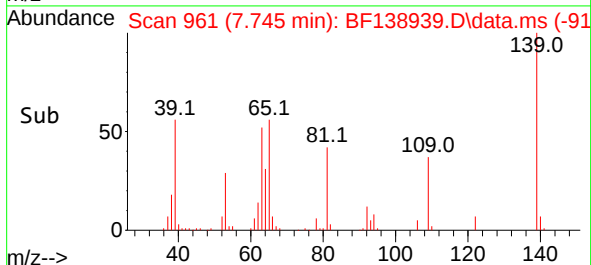
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

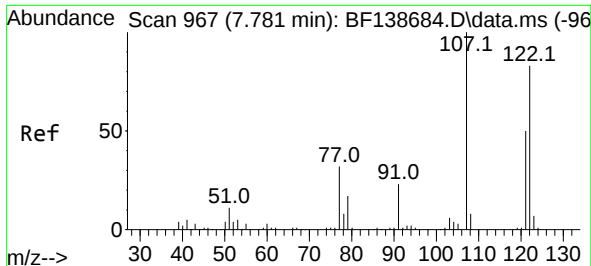


#26
2-Nitrophenol
Concen: 41.373 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:139 Resp: 73934
Ion Ratio Lower Upper
139 100
109 37.1 25.9 38.9
65 62.5 47.0 70.6





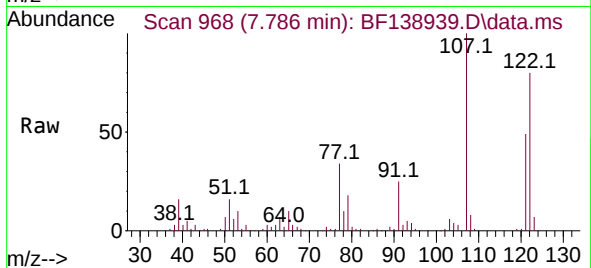
#27
2,4-Dimethylphenol
Concen: 40.196 ng
RT: 7.786 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

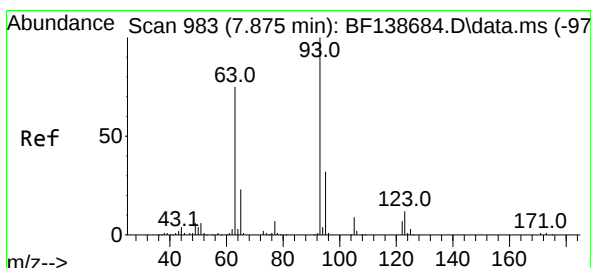
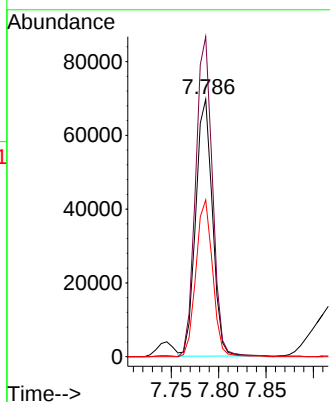
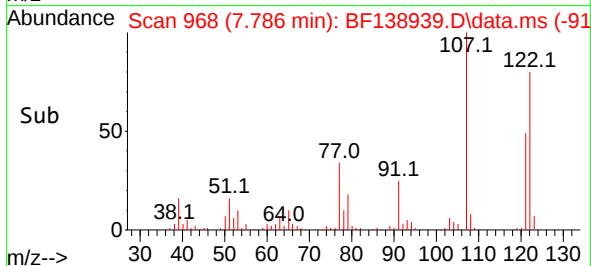


Tgt Ion:122 Resp: 8594
Ion Ratio Lower Upper
122 100
107 124.3 95.0 142.6
121 60.9 47.3 70.9

Manual Integrations

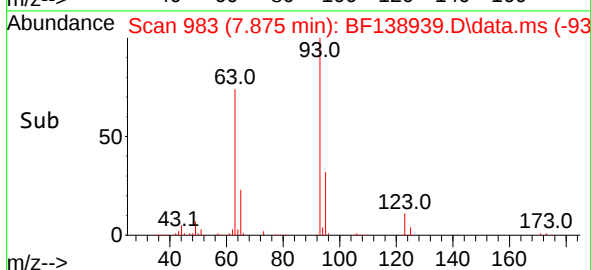
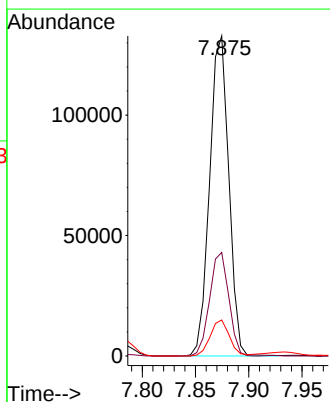
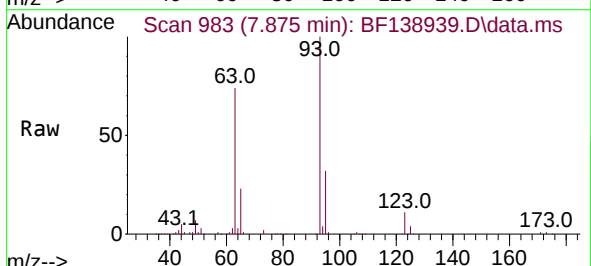
APPROVED

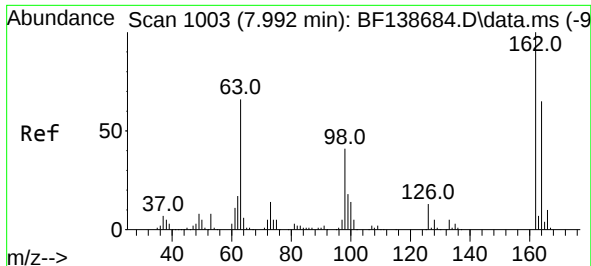
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.196 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion: 93 Resp: 166365
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.590 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138939.D

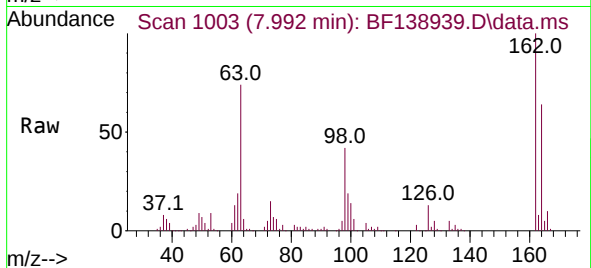
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:162 Resp: 114264

Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

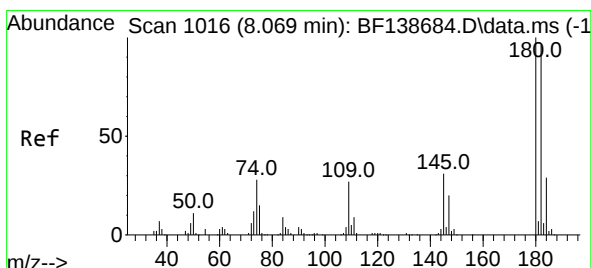
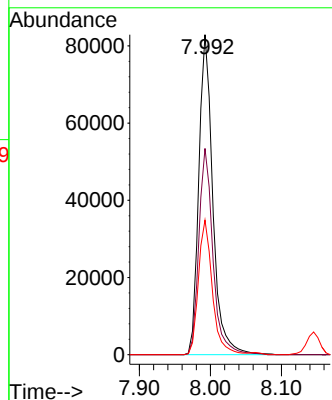
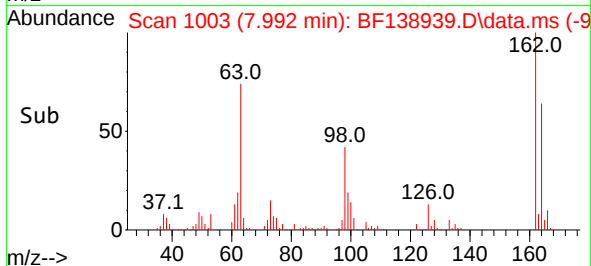
98 42.0 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.692 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

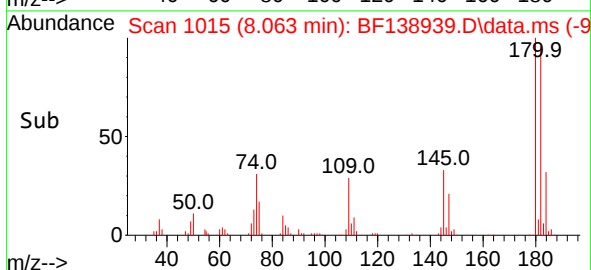
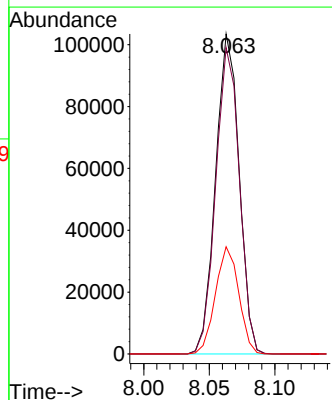
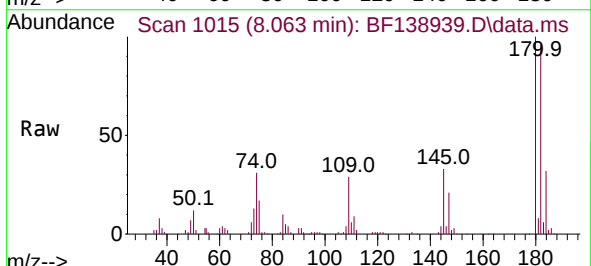
Tgt Ion:180 Resp: 129016

Ion Ratio Lower Upper

180 100

182 95.7 76.9 115.3

145 33.5 25.0 37.4





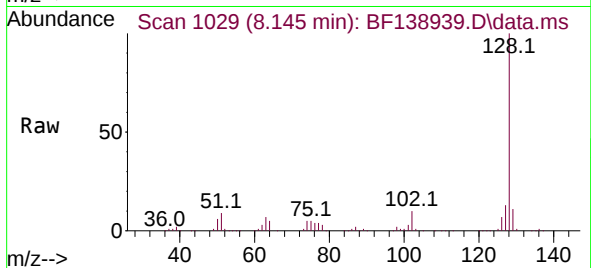
#31
Naphthalene
Concen: 40.172 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



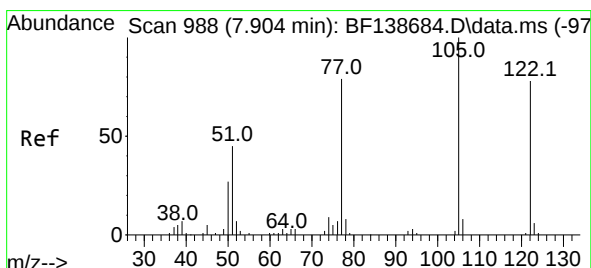
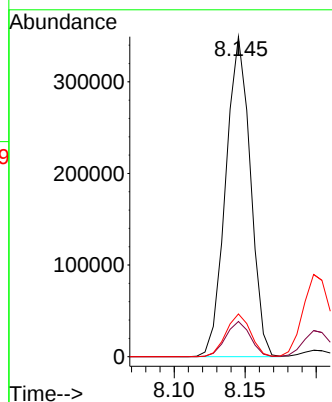
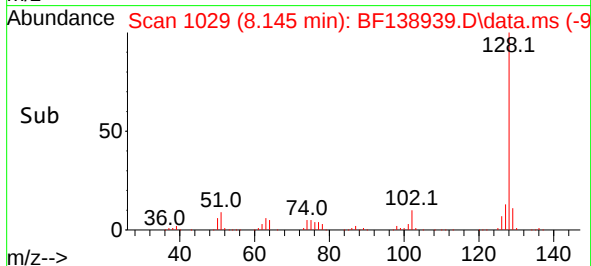
Tgt Ion:128 Resp: 42198
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations

APPROVED

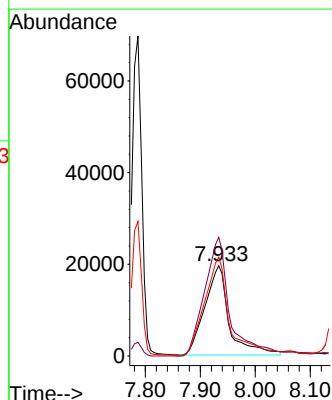
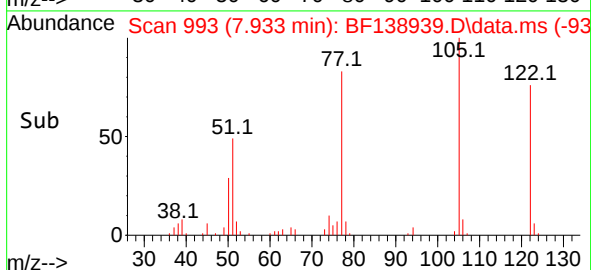
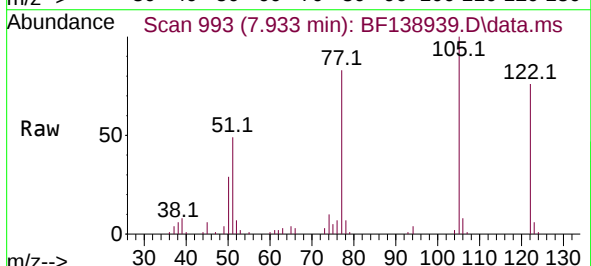
Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#32
Benzoic acid
Concen: 35.586 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.029 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:122 Resp: 59809
Ion Ratio Lower Upper
122 100
105 131.3 106.7 146.7
77 109.5 81.1 121.1





#33
4-Chloroaniline
Concen: 35.997 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

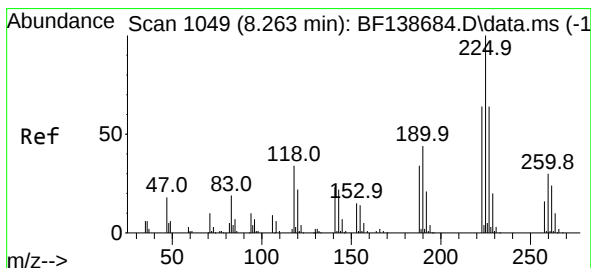
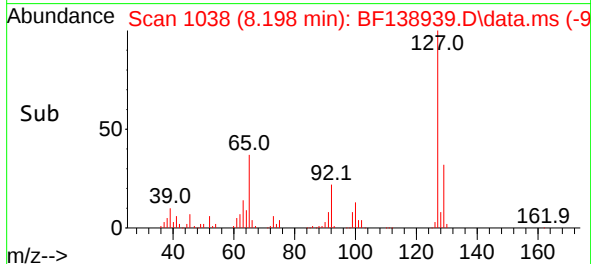
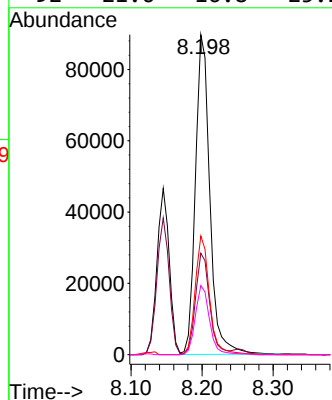
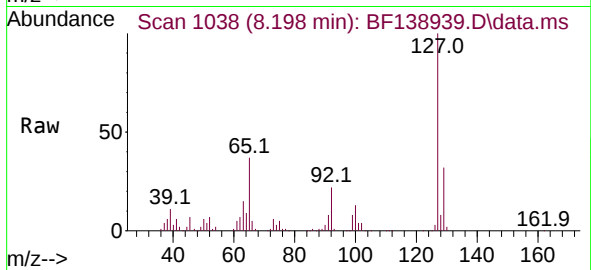
ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 12693
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 37.1 27.6 41.4
92 21.6 16.8 25.2

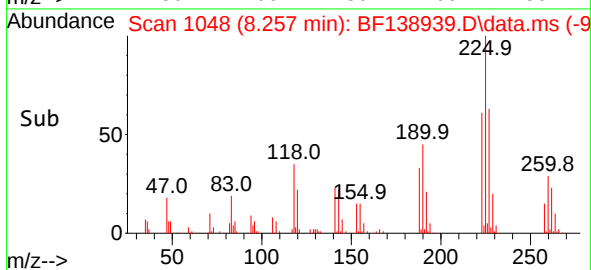
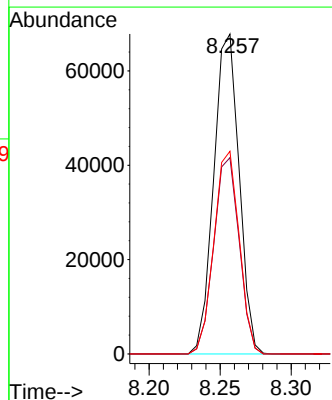
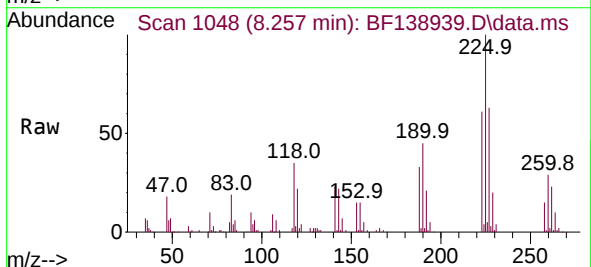
Manual Integrations
APPROVED

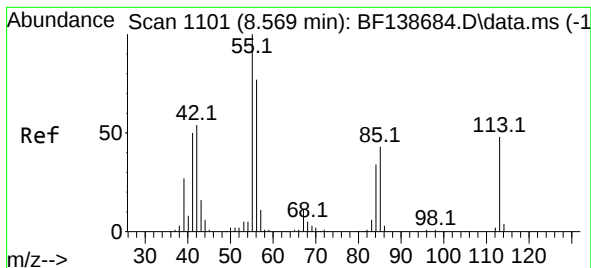
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#34
Hexachlorobutadiene
Concen: 43.860 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:225 Resp: 84229
Ion Ratio Lower Upper
225 100
223 61.4 51.2 76.8
227 63.3 51.1 76.7





#35

Caprolactam

Concen: 36.547 ng

RT: 8.580 min Scan# 1101

Delta R.T. 0.012 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

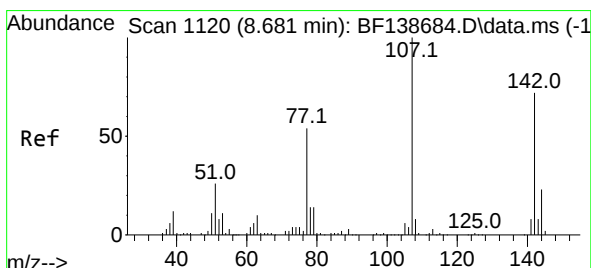
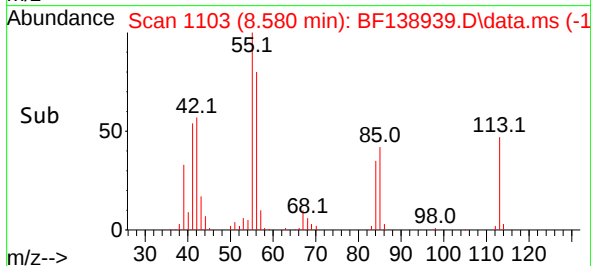
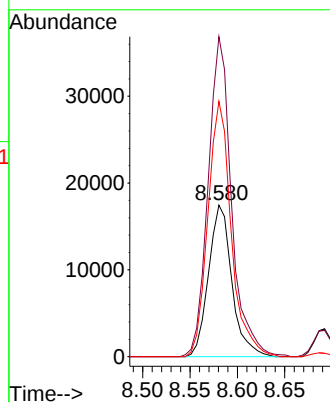
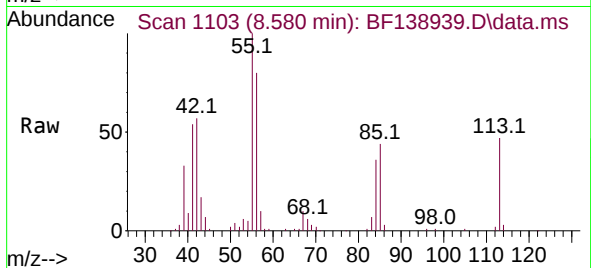
SSTDCCC040EC

Tgt Ion:	113	Resp:	2996
Ion Ratio	Lower	Upper	
113	100		
55	211.3	186.7	226.7
56	168.6	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#36

4-Chloro-3-methylphenol

Concen: 41.116 ng

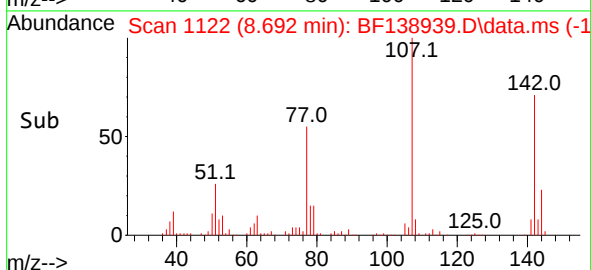
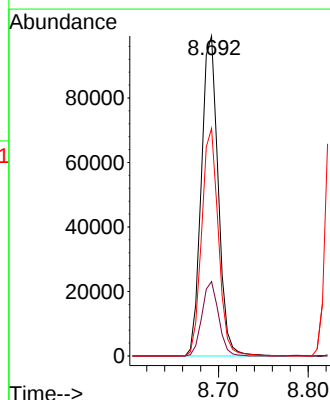
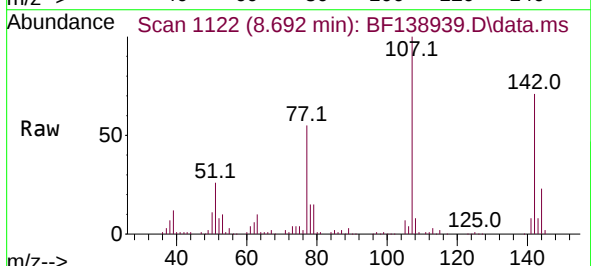
RT: 8.692 min Scan# 1122

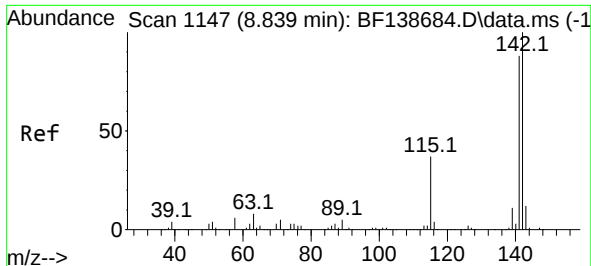
Delta R.T. 0.012 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion:	107	Resp:	129099
Ion Ratio	Lower	Upper	
107	100		
144	23.2	18.2	27.2
142	71.1	57.4	86.2





#37
2-Methylnaphthalene
Concen: 40.602 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

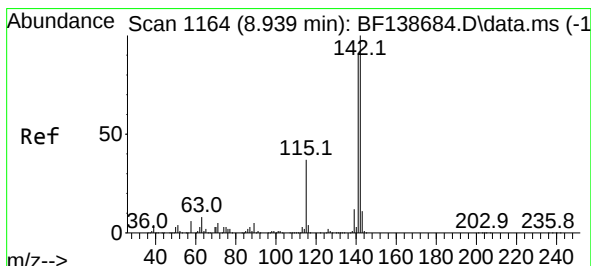
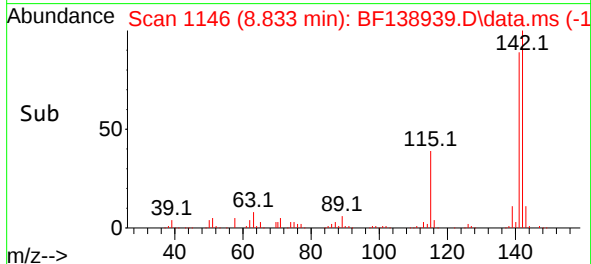
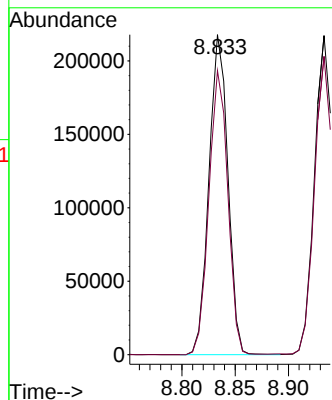
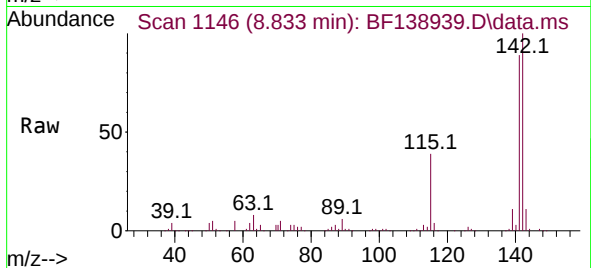
SSTDCCC040EC

Tgt Ion:142 Resp: 26936
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

Manual Integrations

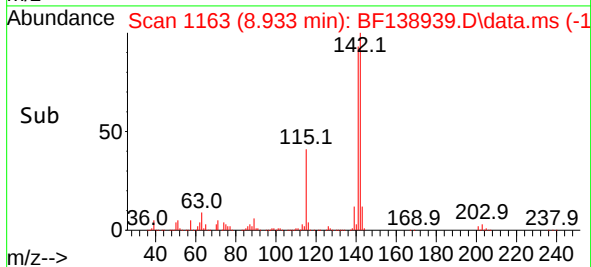
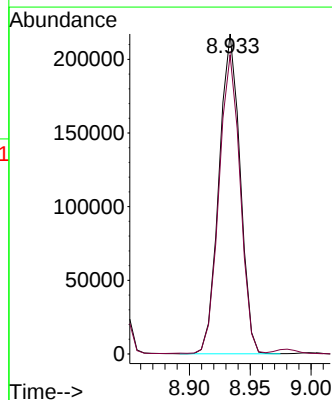
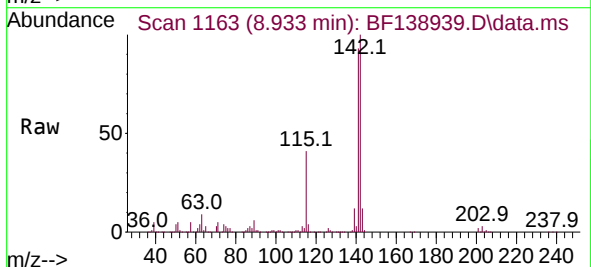
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#38
1-Methylnaphthalene
Concen: 40.226 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:142 Resp: 261503
Ion Ratio Lower Upper
142 100
141 93.5 73.1 109.7





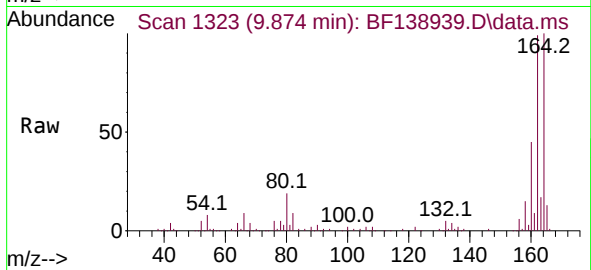
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



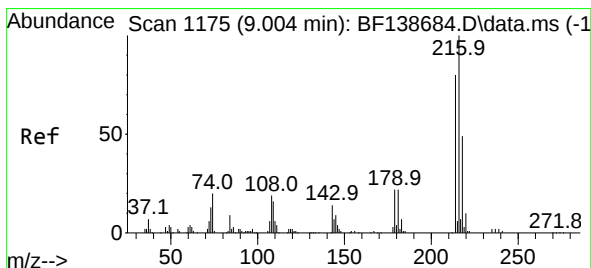
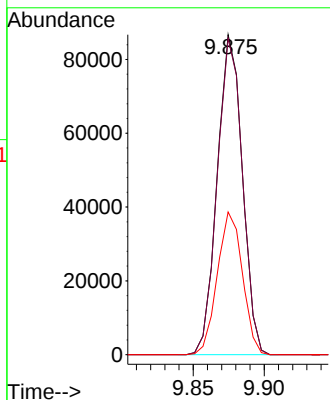
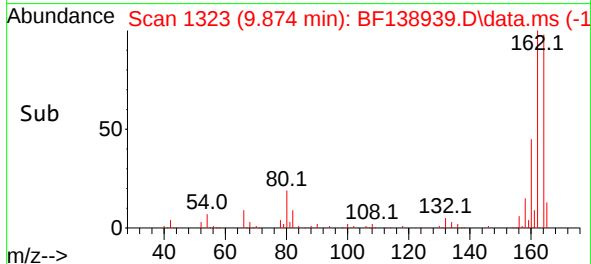
Tgt Ion:164 Resp: 10654
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 44.6 35.1 52.7

Manual Integrations

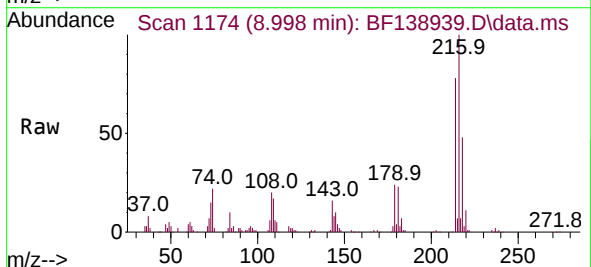
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

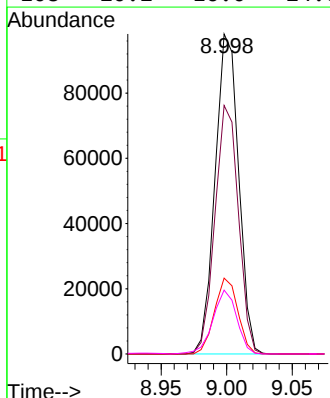
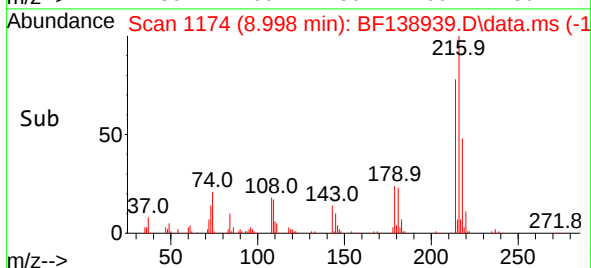
Supervised By :mohammad ahmed 08/13/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.334 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:216 Resp: 122337
Ion Ratio Lower Upper
216 100
214 77.3 63.9 95.9
179 23.4 17.8 26.6
108 20.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 37.871 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

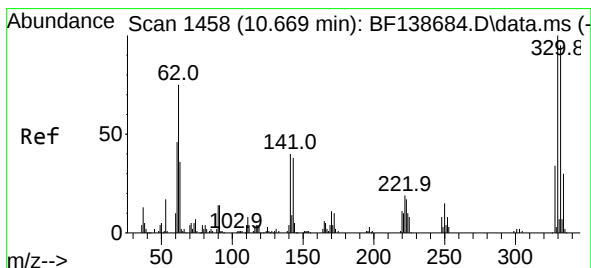
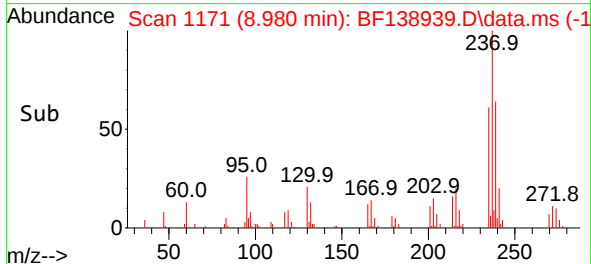
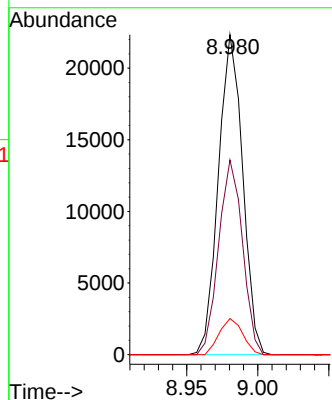
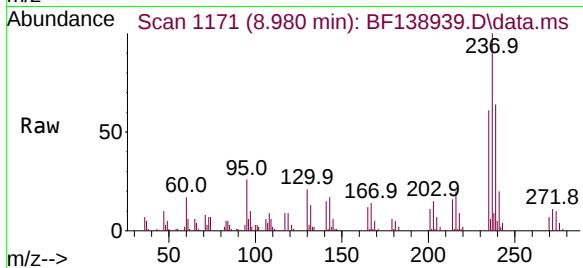
SSTDCCC040EC

Tgt Ion:237 Resp: 26520
Ion Ratio Lower Upper
237 100
235 60.8 41.8 81.8
272 11.3 0.0 32.2

Manual Integrations

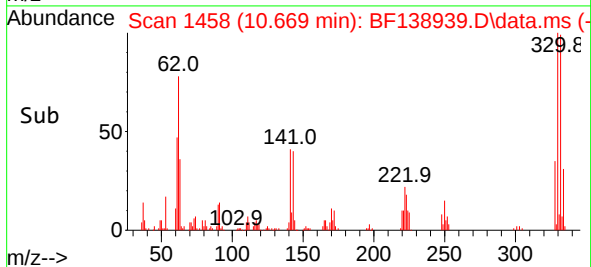
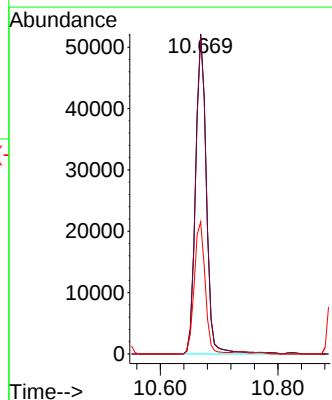
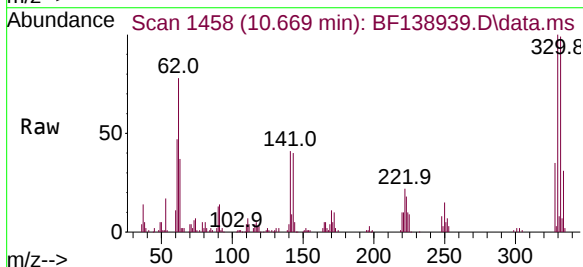
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#42
2,4,6-Tribromophenol
Concen: 76.445 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:330 Resp: 66718
Ion Ratio Lower Upper
330 100
332 98.4 76.4 114.6
141 41.4 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 41.088 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

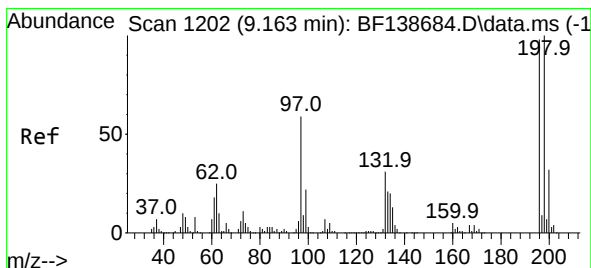
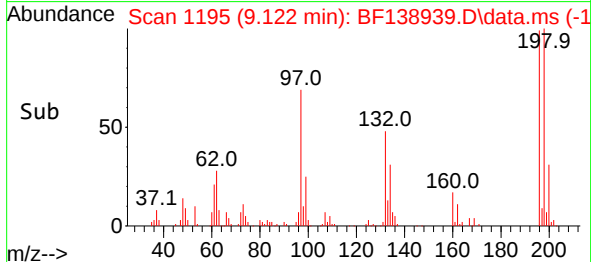
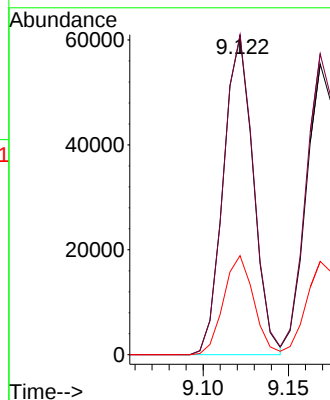
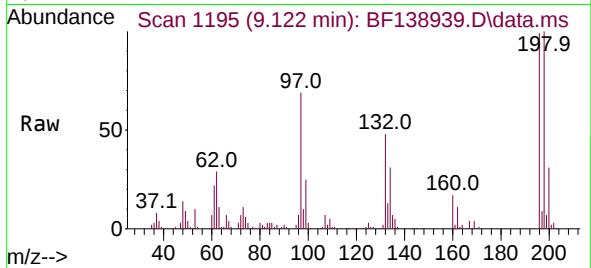
Tgt Ion:196	Resp:	7414
Ion Ratio	Lower	Upper
196	100	
198	100.6	80.5 120.7
200	31.1	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#44

2,4,5-Trichlorophenol

Concen: 39.440 ng

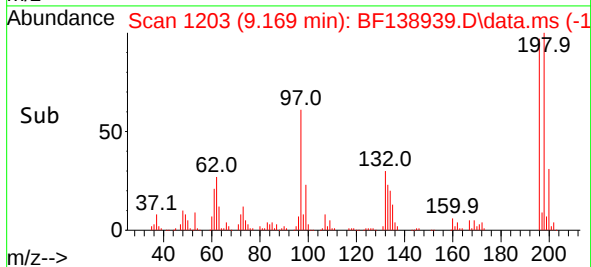
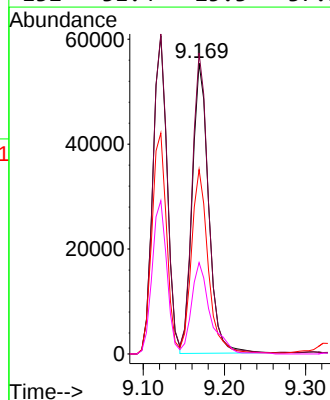
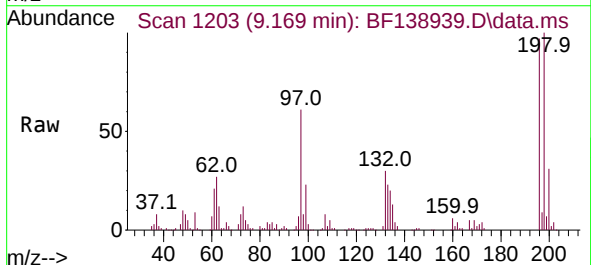
RT: 9.169 min Scan# 1203

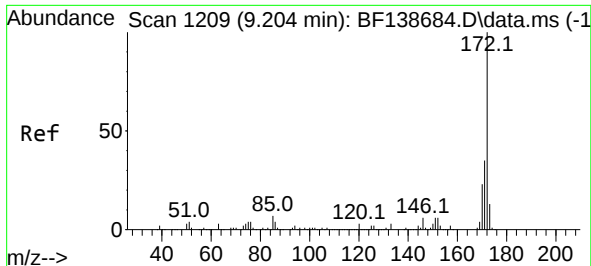
Delta R.T. 0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion:196	Resp:	77807
Ion Ratio	Lower	Upper
196	100	
198	103.5	81.2 121.8
97	63.5	47.8 71.6
132	31.4	25.3 37.9





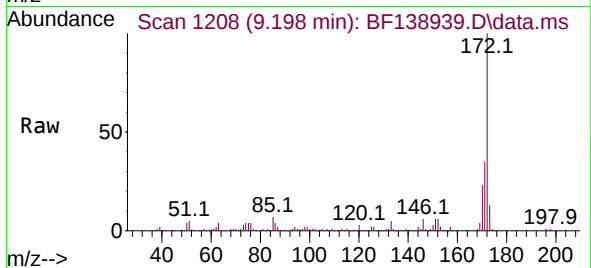
#45
2-Fluorobiphenyl
Concen: 85.930 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

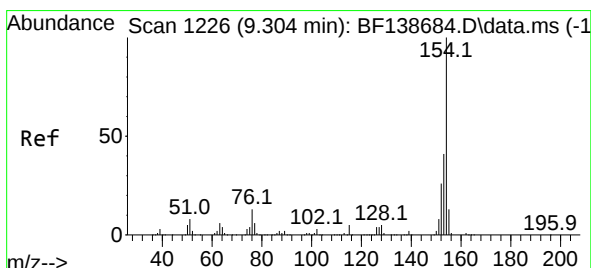
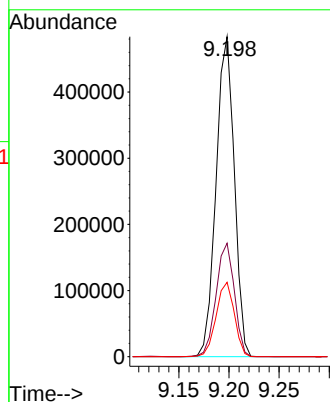
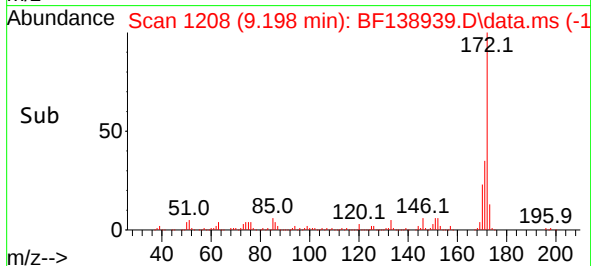


Tgt Ion:172 Resp: 60935
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 18.8 28.2

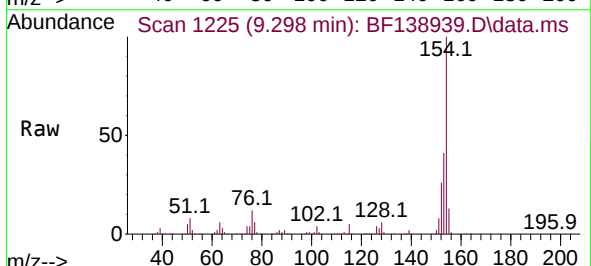
Manual Integrations

APPROVED

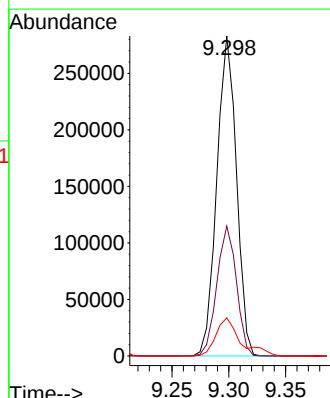
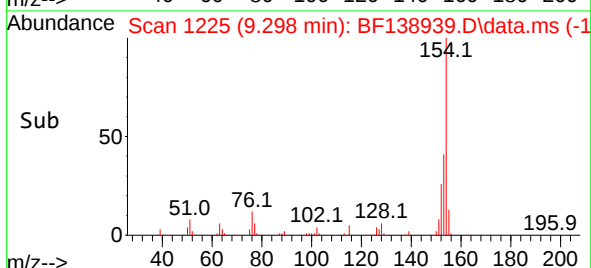
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#46
1,1'-Biphenyl
Concen: 40.782 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:154 Resp: 340311
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.439 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

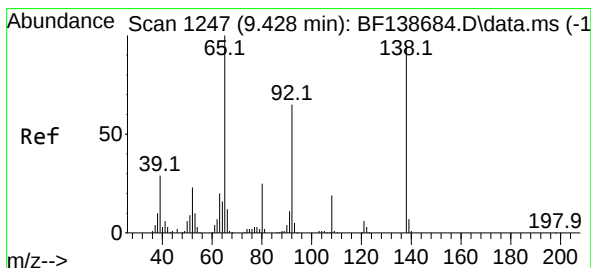
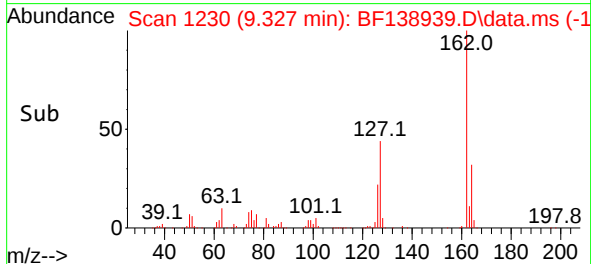
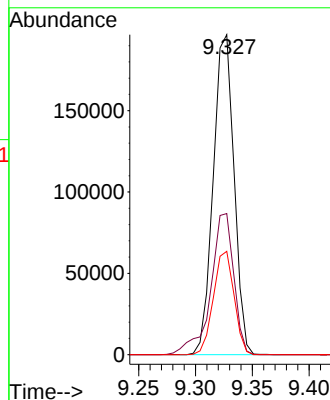
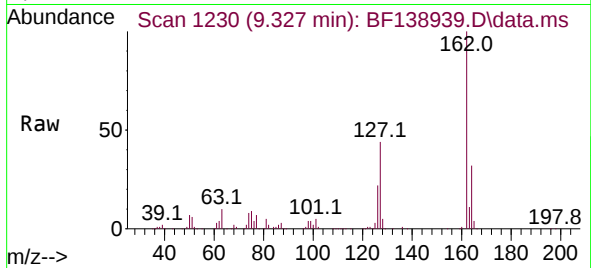
Tgt Ion:162 Resp: 25097
 Ion Ratio Lower Upper
 162 100
 127 44.1 35.4 53.2
 164 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#48

2-Nitroaniline

Concen: 40.085 ng

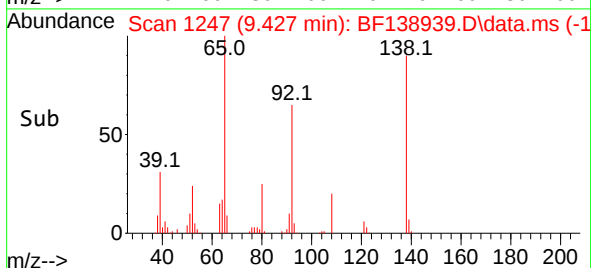
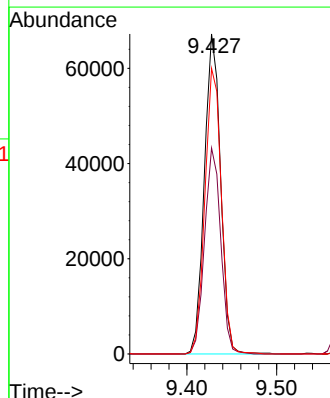
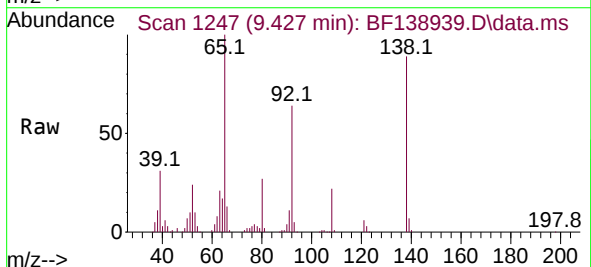
RT: 9.427 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion: 65 Resp: 84338
 Ion Ratio Lower Upper
 65 100
 92 64.4 52.0 78.0
 138 89.2 76.2 114.4





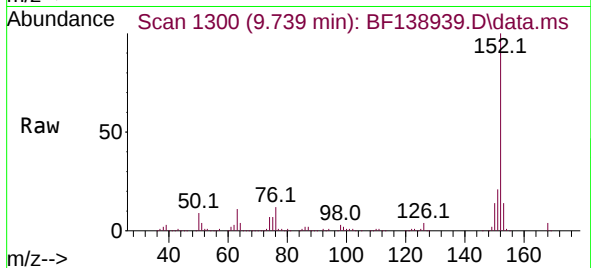
#49
Acenaphthylene
Concen: 39.527 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

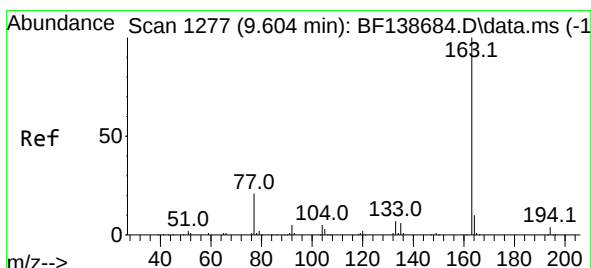
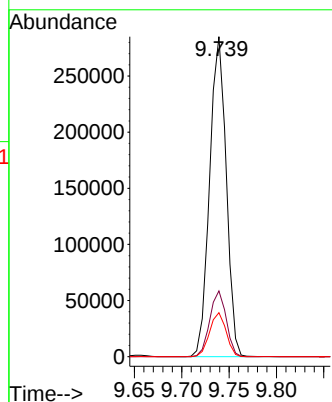
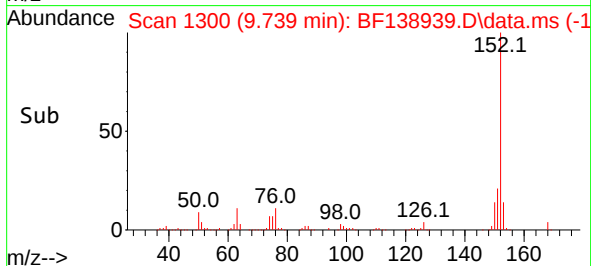


Tgt Ion:152 Resp: 347920
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.7 11.0 16.4

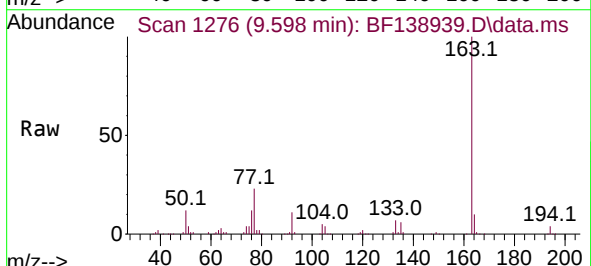
Manual Integrations

APPROVED

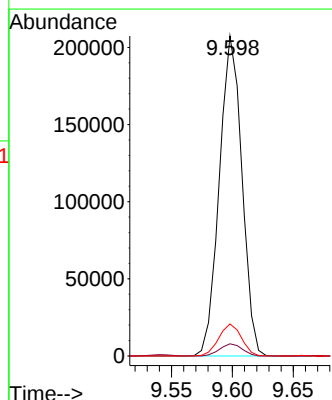
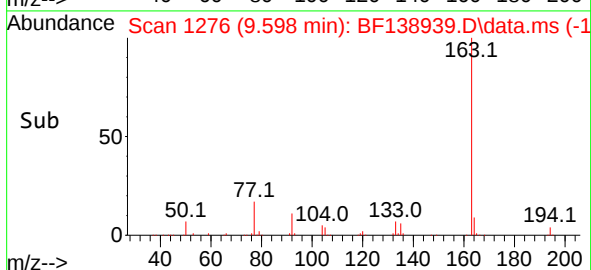
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

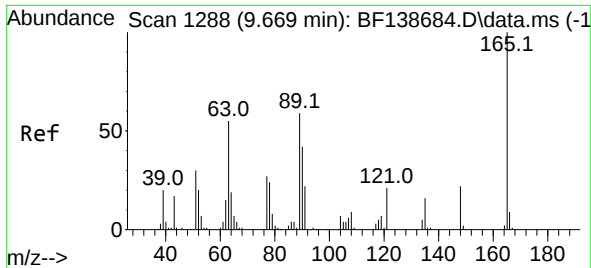


#50
Dimethylphthalate
Concen: 39.318 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:163 Resp: 267864
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 39.581 ng
RT: 9.669 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

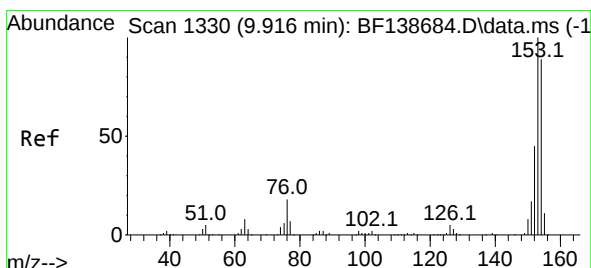
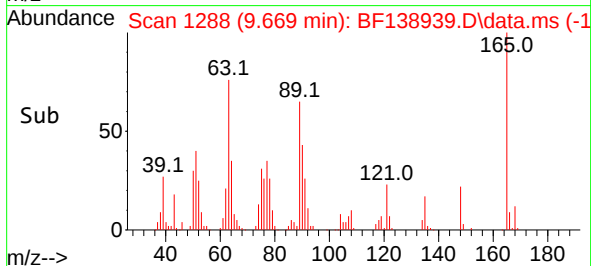
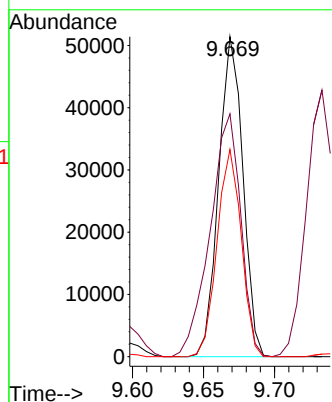
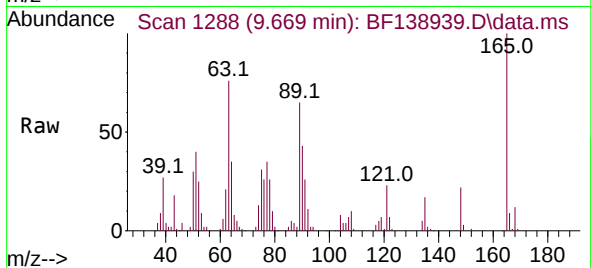
ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 60850
Ion Ratio Lower Upper
165 100
63 75.9 52.0 78.0
89 64.8 47.0 70.6

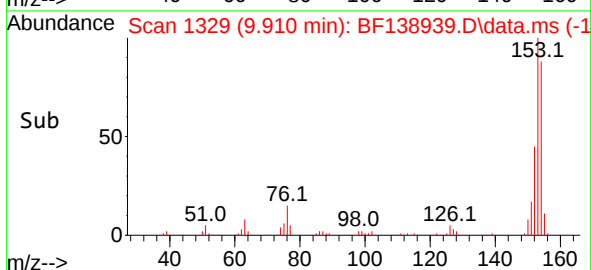
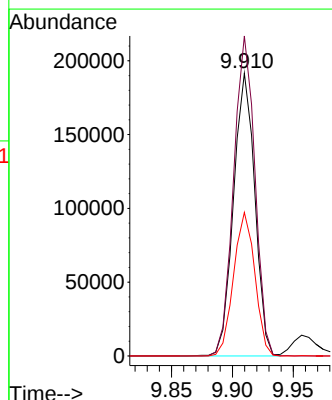
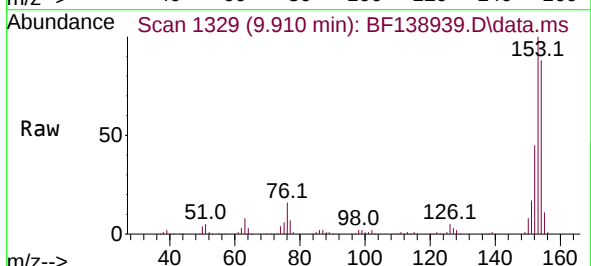
Manual Integrations
APPROVED

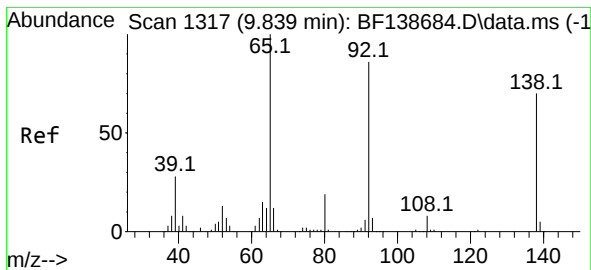
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#52
Acenaphthene
Concen: 39.425 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

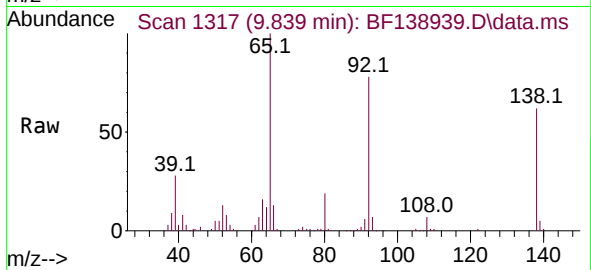
Tgt Ion:154 Resp: 233275
Ion Ratio Lower Upper
154 100
153 113.2 89.9 134.9
152 50.8 40.6 60.8





#53
3-Nitroaniline
Concen: 35.426 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

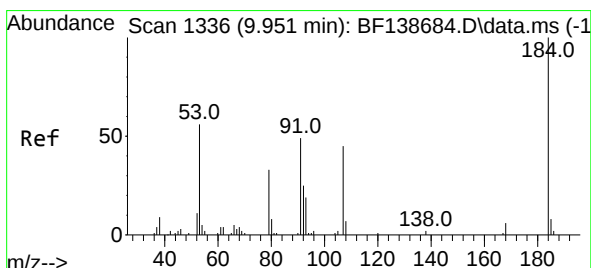
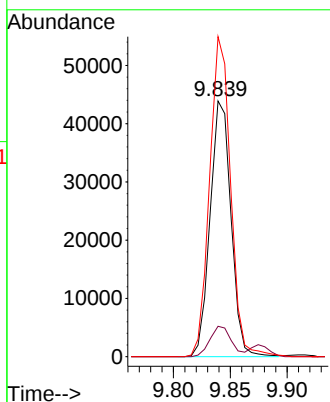
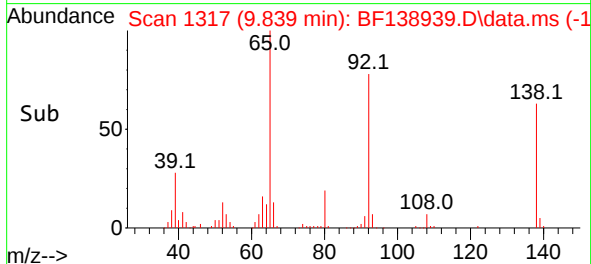
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



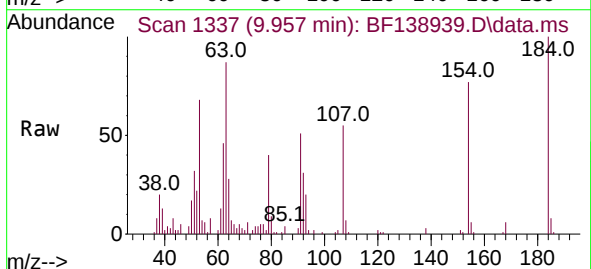
Tgt Ion:138 Resp: 56308
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 125.2 98.7 148.1

Manual Integrations
APPROVED

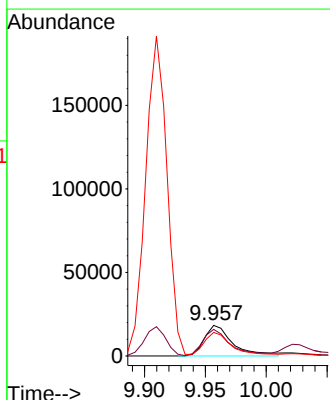
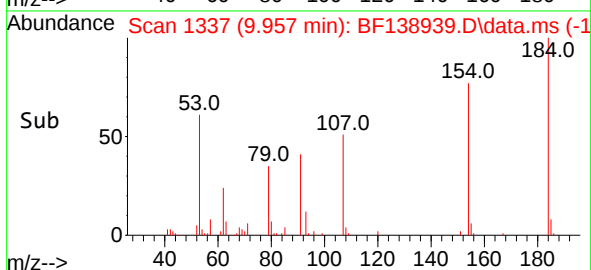
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

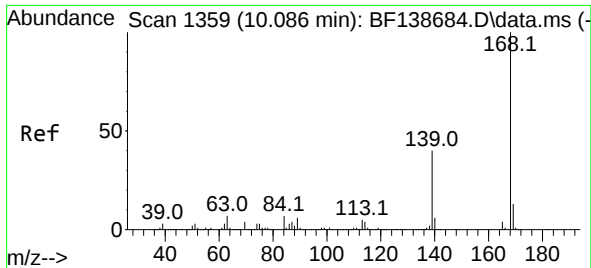


#54
2,4-Dinitrophenol
Concen: 42.285 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:184 Resp: 29928
Ion Ratio Lower Upper
184 100
63 87.0 57.5 86.3#
154 76.7 51.7 77.5





#55
Dibenzenofuran
Concen: 39.390 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

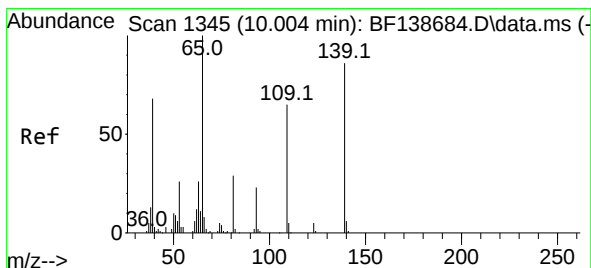
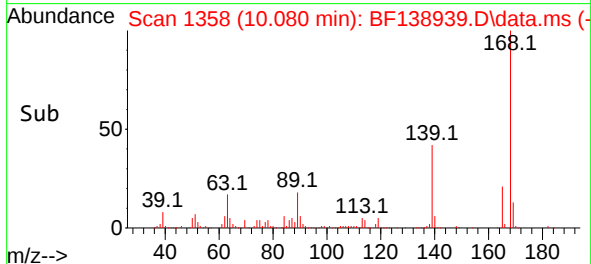
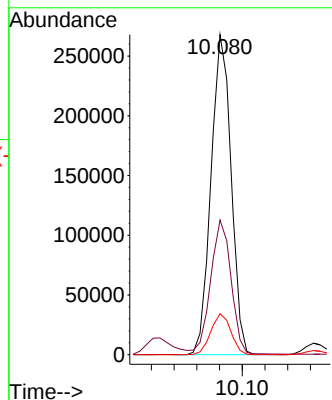
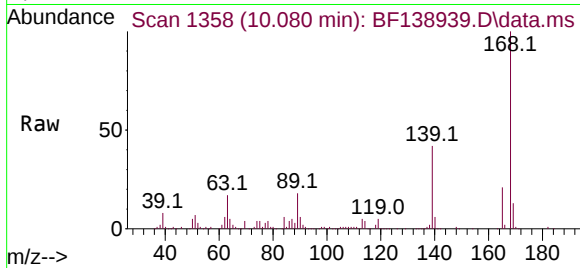
SSTDCCC040EC

Tgt Ion:168 Resp: 32900
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0
169 12.8 10.7 16.1

Manual Integrations

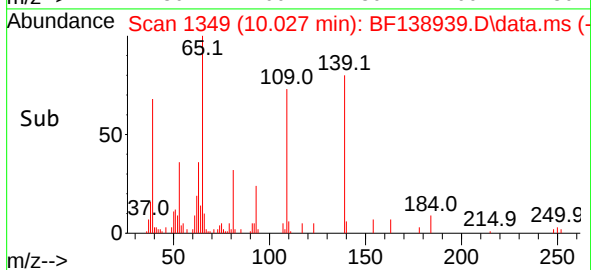
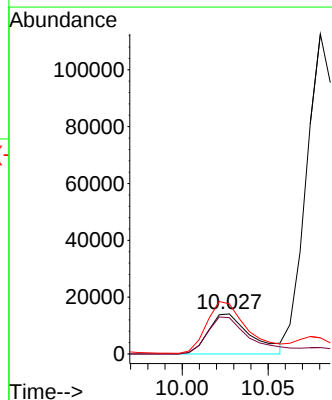
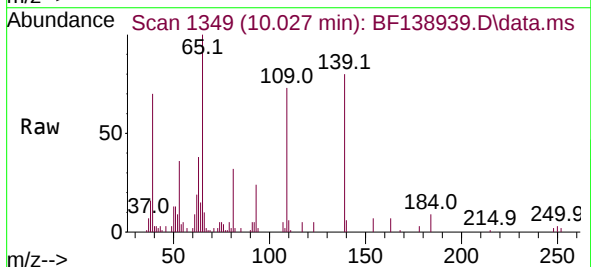
APPROVED

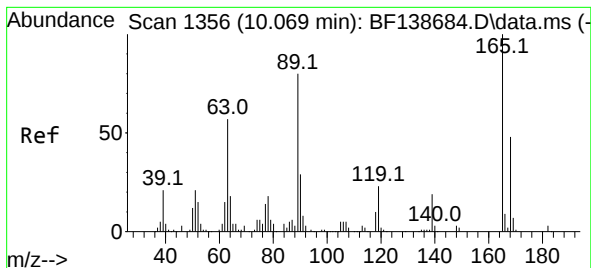
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#56
4-Nitrophenol
Concen: 25.479 ng m
RT: 10.027 min Scan# 1349
Delta R.T. 0.023 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:139 Resp: 24353
Ion Ratio Lower Upper
139 100
109 91.1 55.5 95.5
65 125.4 96.7 136.7





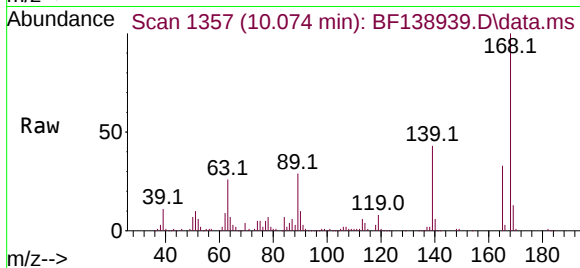
#57
2,4-Dinitrotoluene
Concen: 38.630 ng
RT: 10.074 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



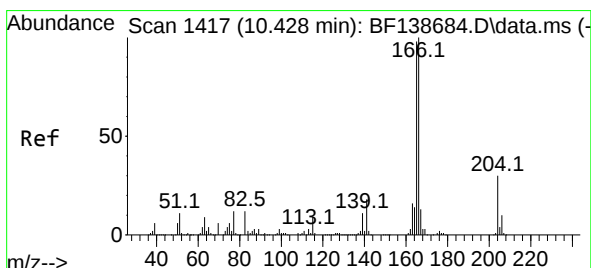
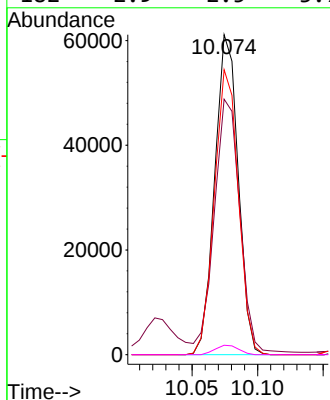
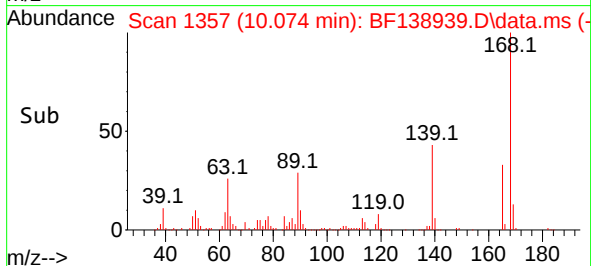
Tgt Ion:165 Resp: 75778
Ion Ratio Lower Upper
165 100
63 79.8 46.3 69.5
89 89.0 64.2 96.4
182 2.9 2.5 3.7

Manual Integrations

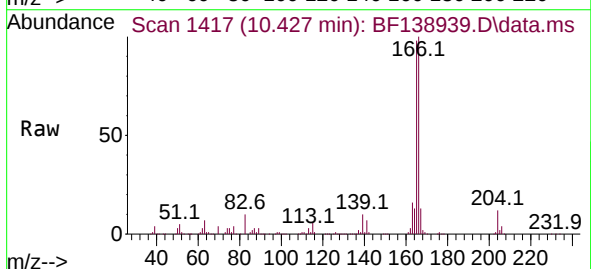
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

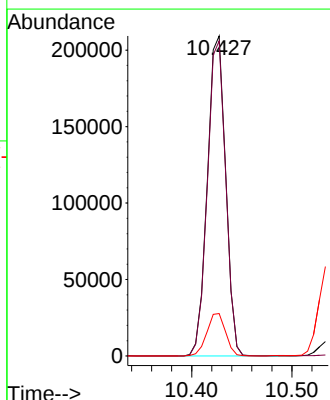
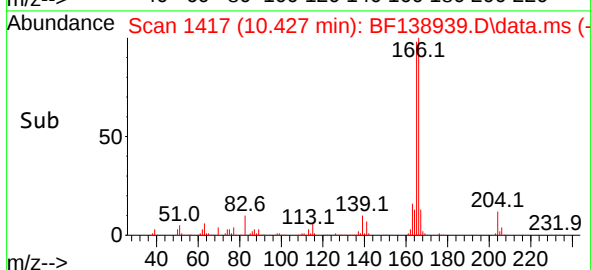
Supervised By :mohammad ahmed 08/13/2024



#58
Fluorene
Concen: 39.993 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



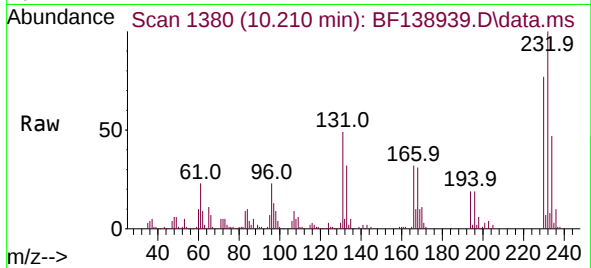
Tgt Ion:166 Resp: 266008
Ion Ratio Lower Upper
166 100
165 98.4 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.743 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

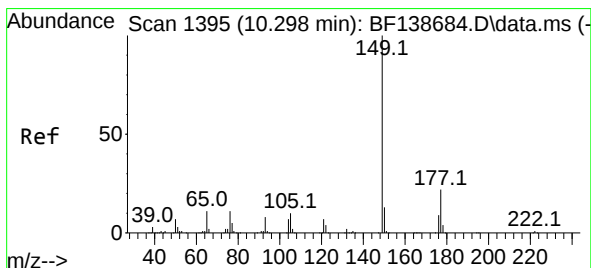
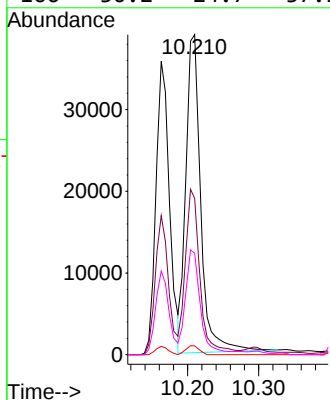
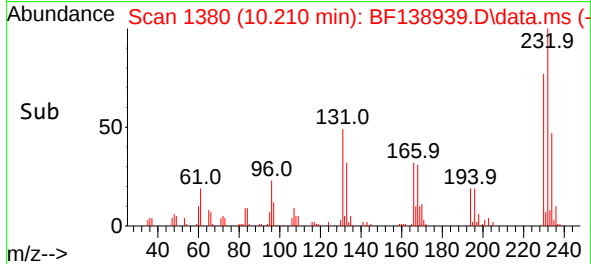
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 5692
Ion Ratio Lower Upper
232 100
131 49.9 37.0 55.4
130 2.5 2.0 3.0
166 30.2 24.7 37.1

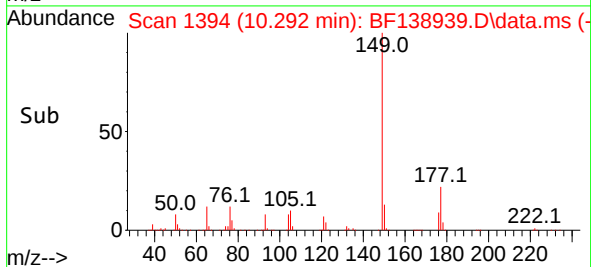
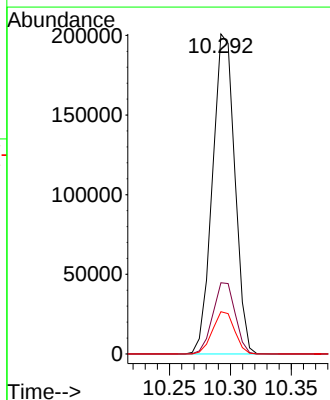
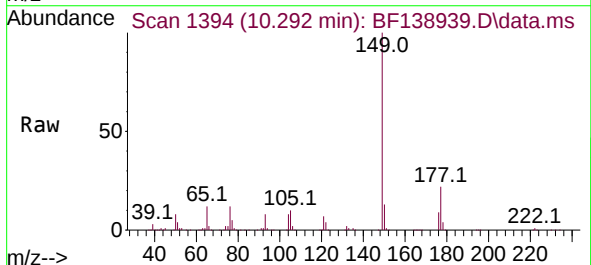
Manual Integrations
APPROVED

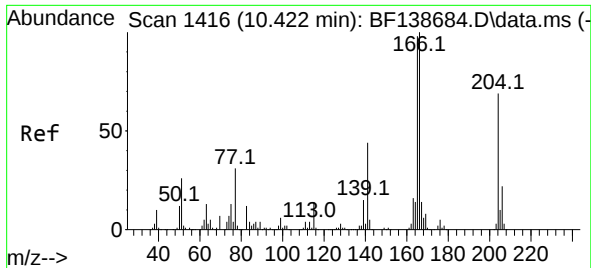
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#60
Diethylphthalate
Concen: 39.624 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:149 Resp: 255961
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 13.2 10.1 15.1





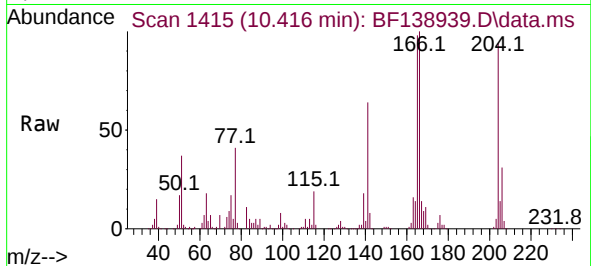
#61
4-Chlorophenyl-phenylether
Concen: 40.480 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

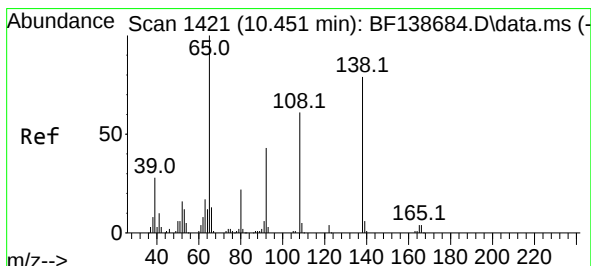
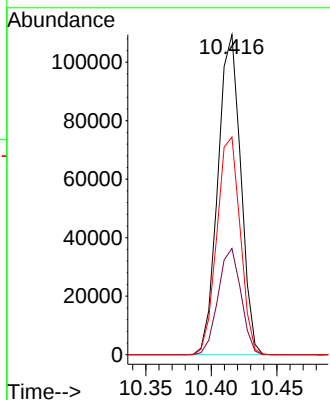
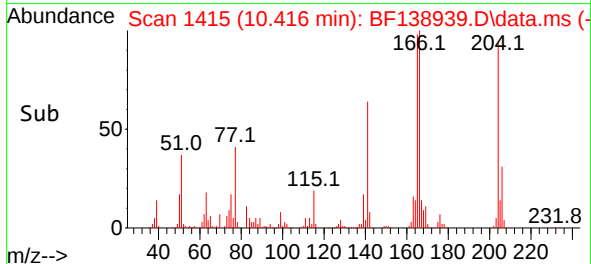


Tgt Ion:204 Resp: 132420
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 68.1 51.4 77.0

Manual Integrations

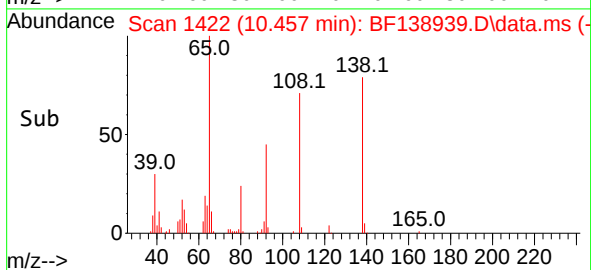
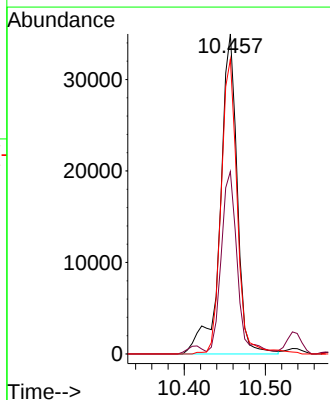
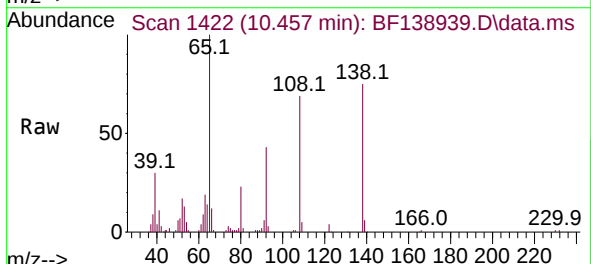
APPROVED

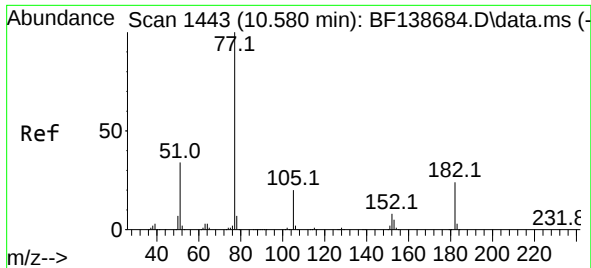
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#62
4-Nitroaniline
Concen: 33.531 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:138 Resp: 50647
Ion Ratio Lower Upper
138 100
92 57.0 34.2 74.2
108 92.1 56.2 96.2





#63
Azobenzene
Concen: 38.224 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

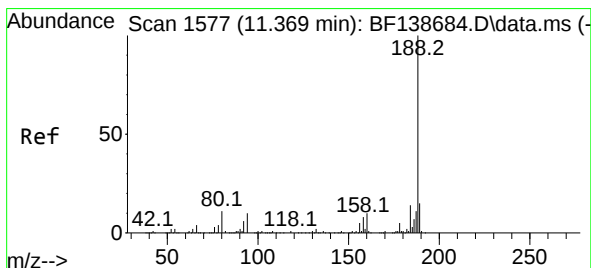
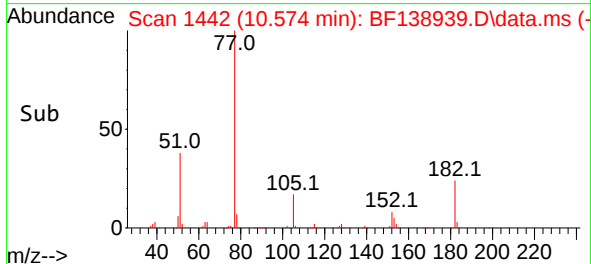
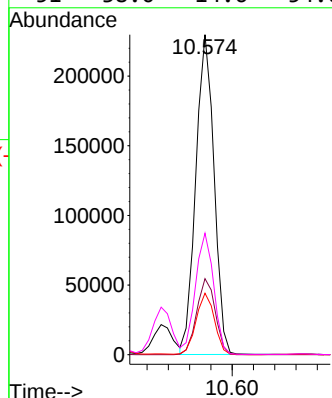
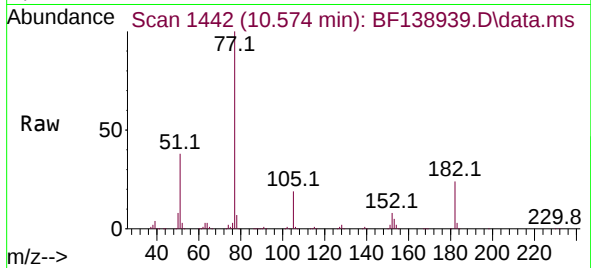
SSTDCCC040EC

Tgt Ion: 77 Resp: 27385
Ion Ratio Lower Upper
77 100
182 23.8 3.4 43.4
105 19.2 0.2 40.2
51 38.0 14.6 54.6

Manual Integrations

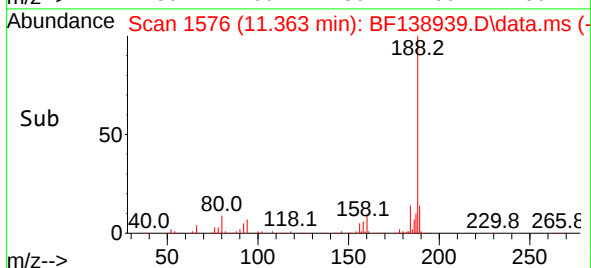
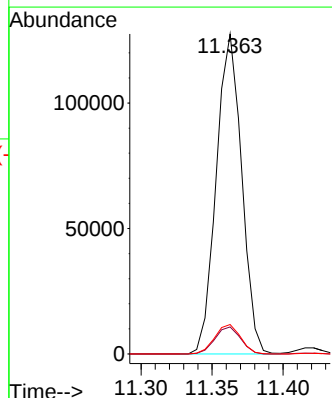
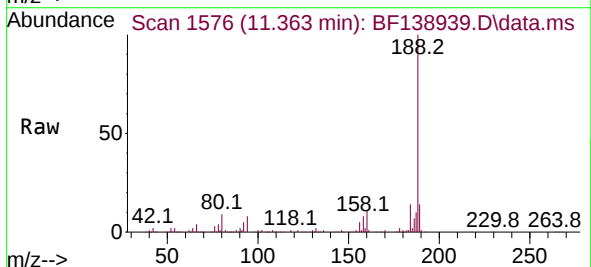
APPROVED

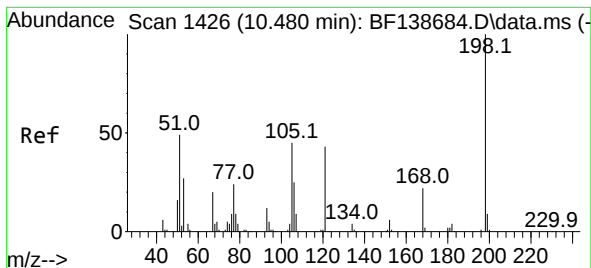
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:188 Resp: 158539
Ion Ratio Lower Upper
188 100
94 8.4 7.6 11.4
80 9.2 8.6 12.8





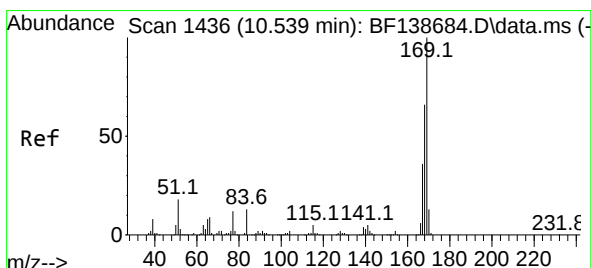
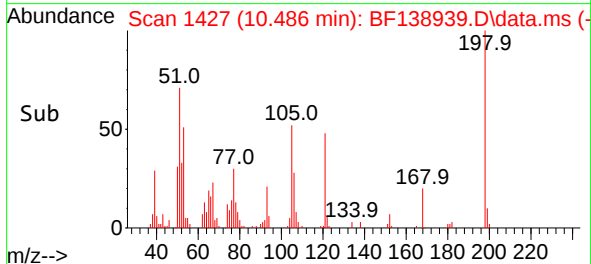
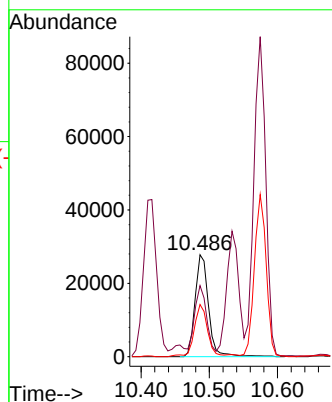
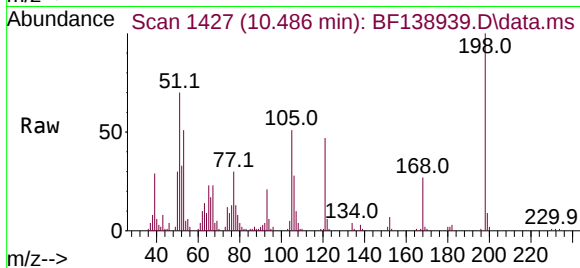
#65
4,6-Dinitro-2-methylphenol
Concen: 39.131 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 3784
Ion Ratio Lower Upper
198 100
51 69.7 39.9 79.9
105 51.2 26.1 66.1

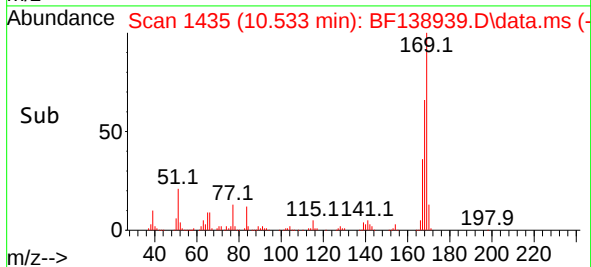
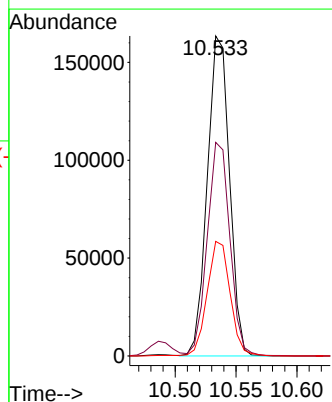
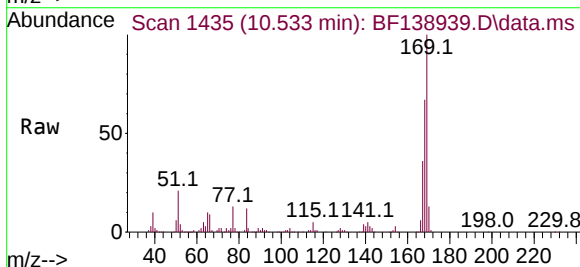
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#66
n-Nitrosodiphenylamine
Concen: 41.879 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

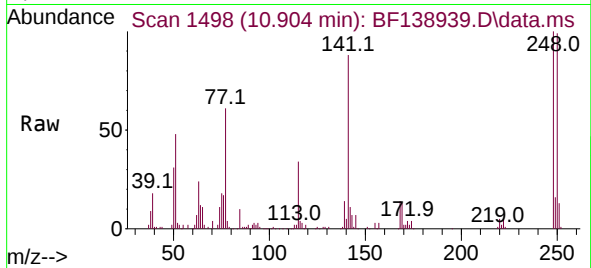
Tgt Ion:169 Resp: 207536
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 42.183 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

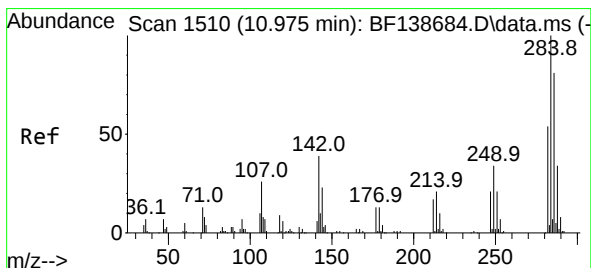
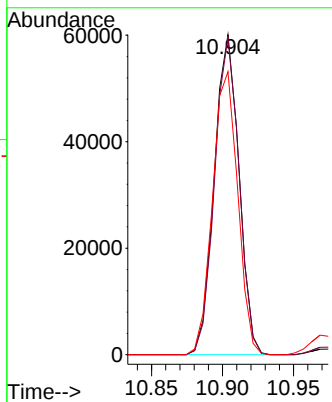
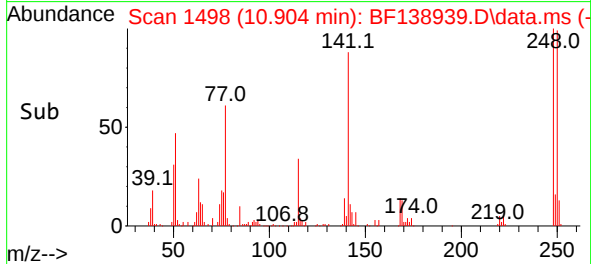
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:248 Resp: 7240
Ion Ratio Lower Upper
248 100
250 99.2 77.7 116.5
141 88.5 68.0 102.0

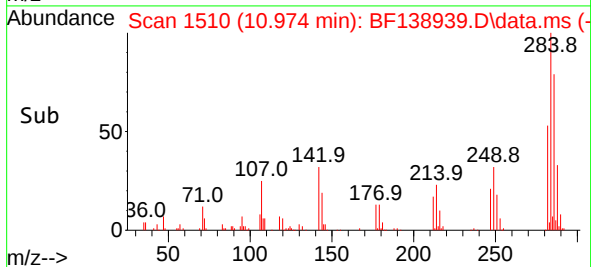
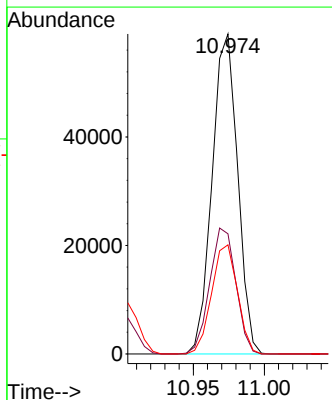
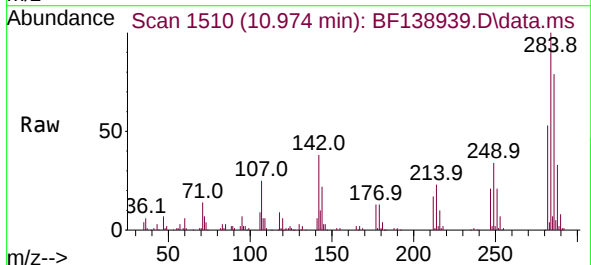
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#68
Hexachlorobenzene
Concen: 41.585 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:284 Resp: 73701
Ion Ratio Lower Upper
284 100
142 37.5 31.3 46.9
249 34.1 27.2 40.8





#69

Atrazine

Concen: 35.583 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

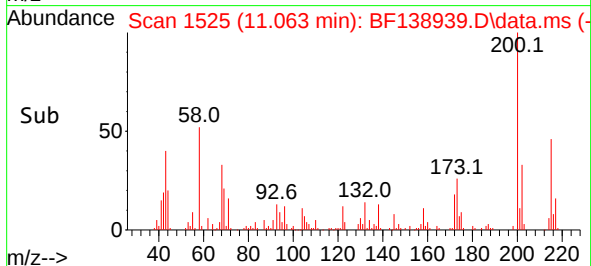
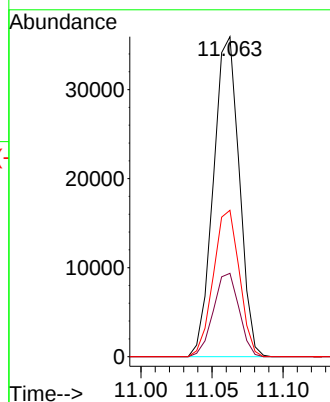
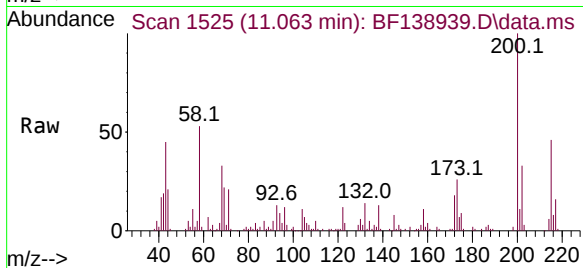
Tgt Ion:	200	Resp:	45494
Ion Ratio	Lower	Upper	
200	100		
173	26.1	6.0	46.0
215	45.7	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#70

Pentachlorophenol

Concen: 38.434 ng

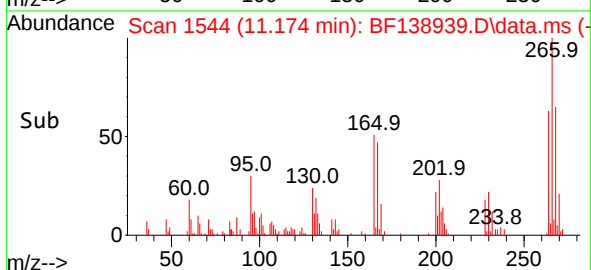
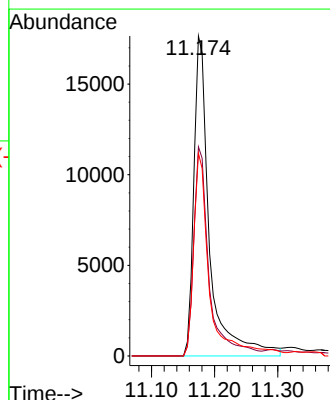
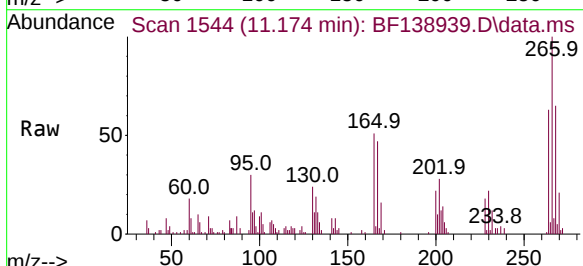
RT: 11.174 min Scan# 1544

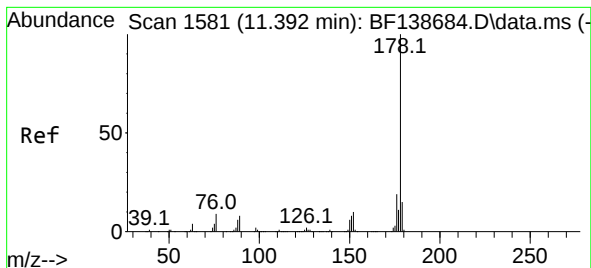
Delta R.T. -0.001 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion:	266	Resp:	30703
Ion Ratio	Lower	Upper	
266	100		
268	65.3	49.2	73.8
264	63.4	49.8	74.6





#71

Phenanthrene

Concen: 39.976 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 32634

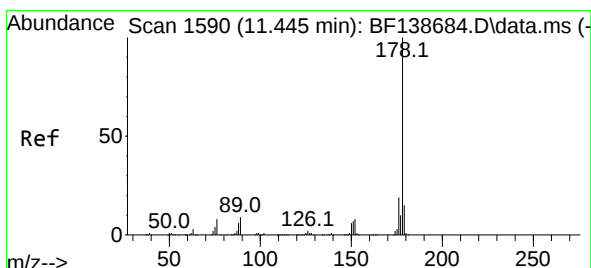
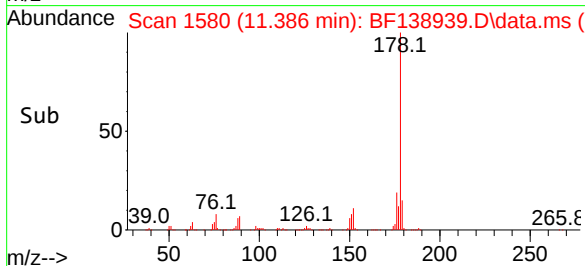
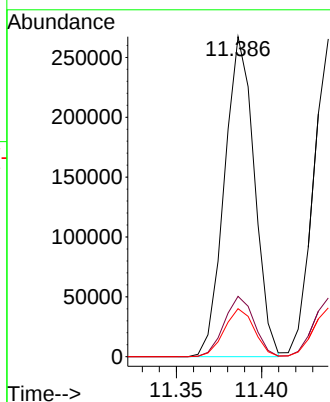
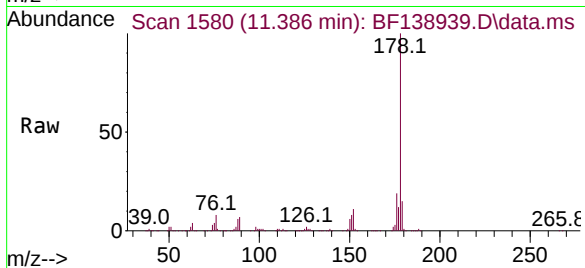
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.0	12.2	18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#72

Anthracene

Concen: 40.120 ng

RT: 11.439 min Scan# 1589

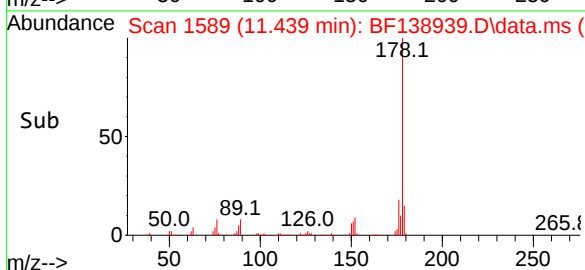
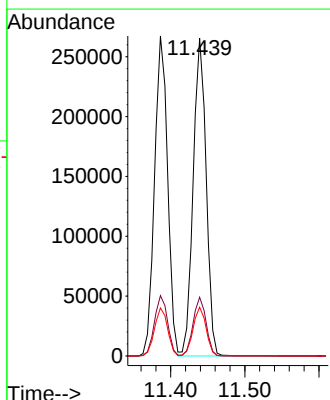
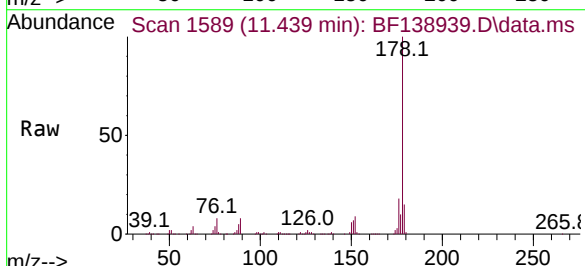
Delta R.T. -0.006 min

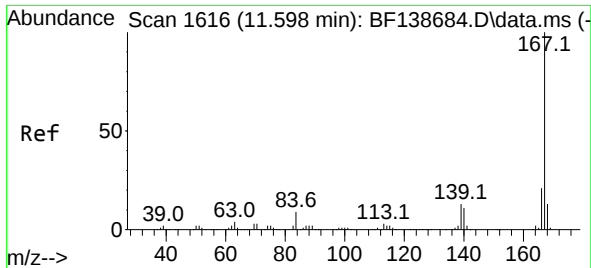
Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion:178 Resp: 322648

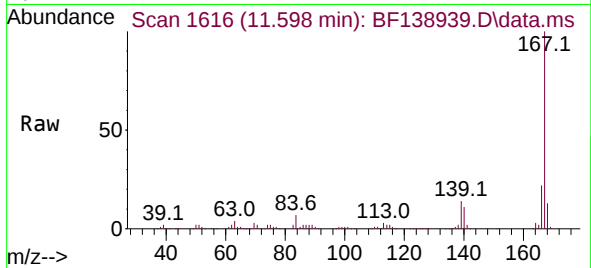
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.4	18.6





#73
 Carbazole
 Concen: 37.593 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138939.D
 Acq: 12 Aug 2024 17:55

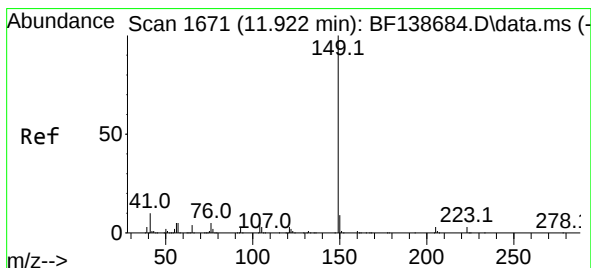
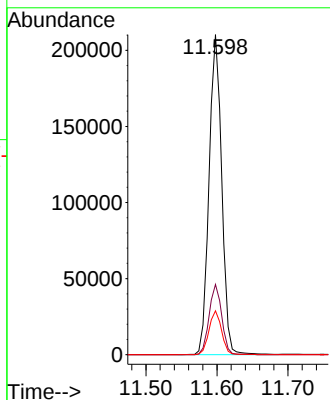
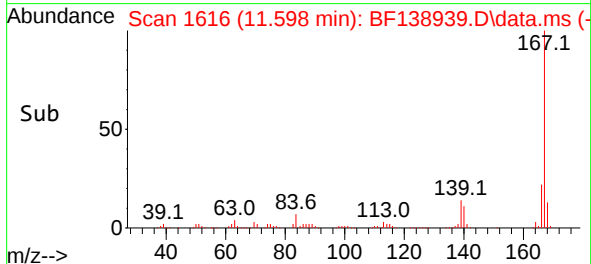
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



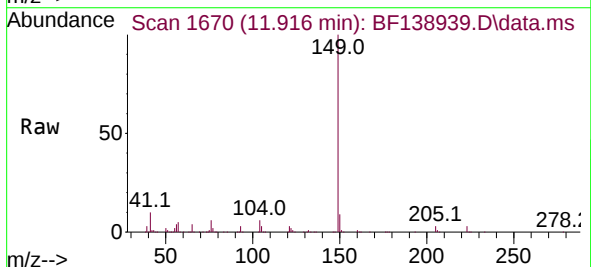
Tgt Ion:167 Resp: 260830
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.7 10.6 16.0

Manual Integrations
 APPROVED

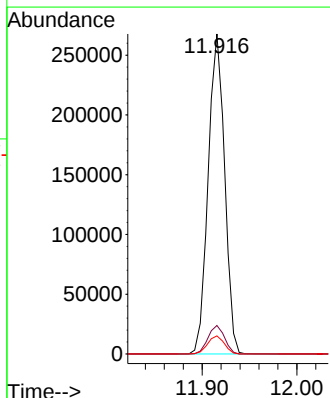
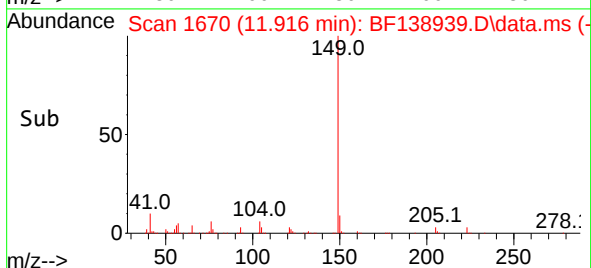
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#74
 Di-n-butylphthalate
 Concen: 41.349 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138939.D
 Acq: 12 Aug 2024 17:55



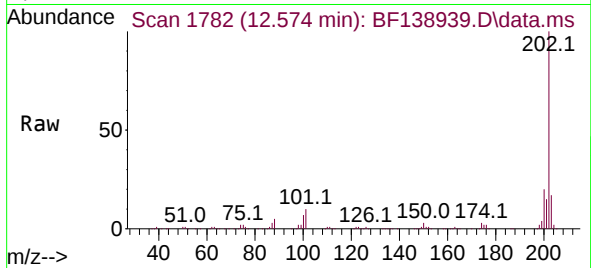
Tgt Ion:149 Resp: 322519
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.7 4.1 6.1





#75
Fluoranthene
Concen: 38.674 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

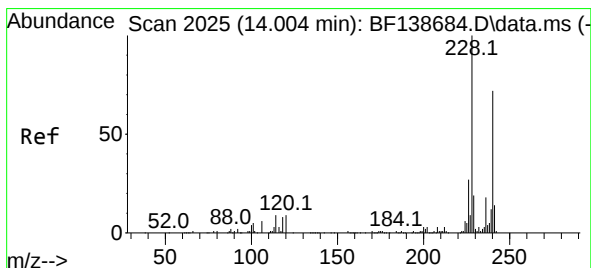
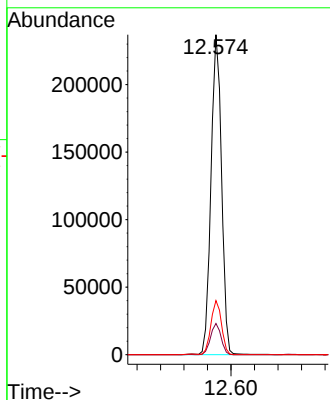
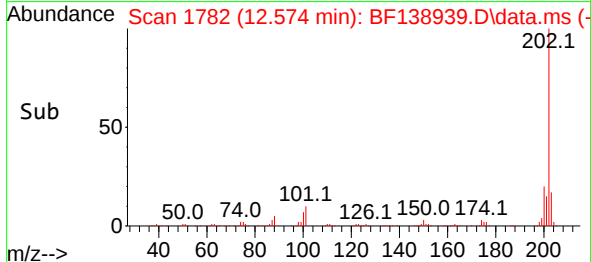
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 29474
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.2
203 16.9 0.0 37.3

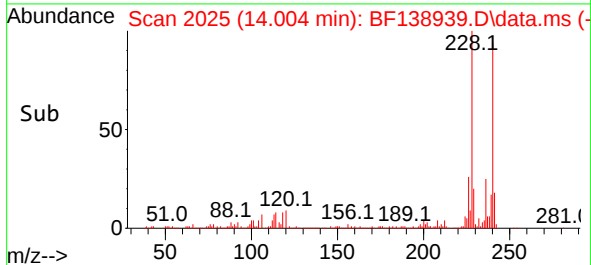
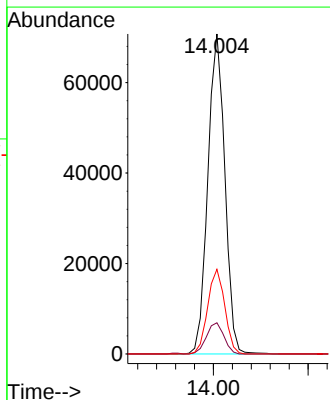
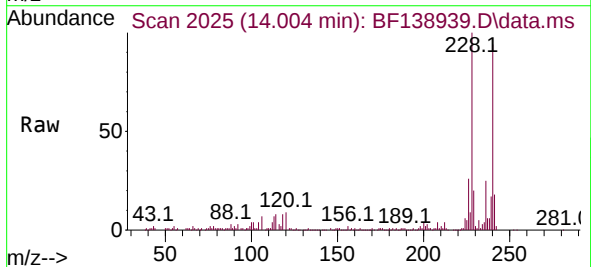
Manual Integrations
APPROVED

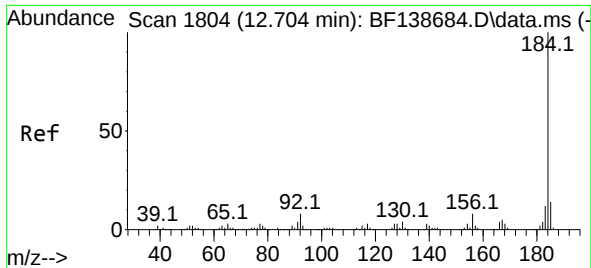
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:240 Resp: 88117
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 26.5 19.8 29.8





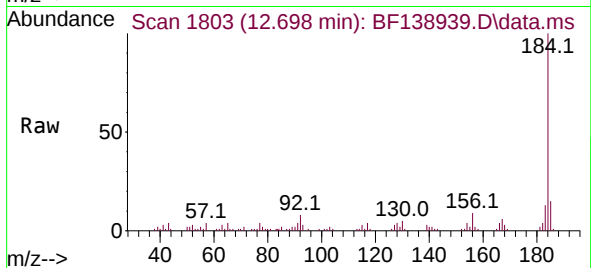
#77
Benzidine
Concen: 22.504 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



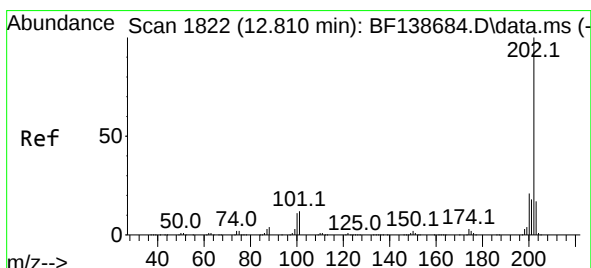
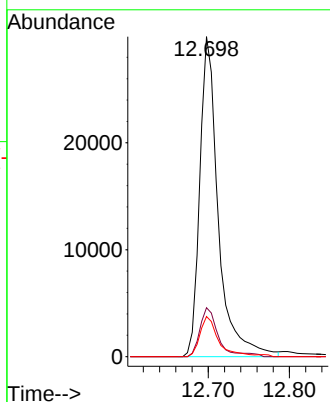
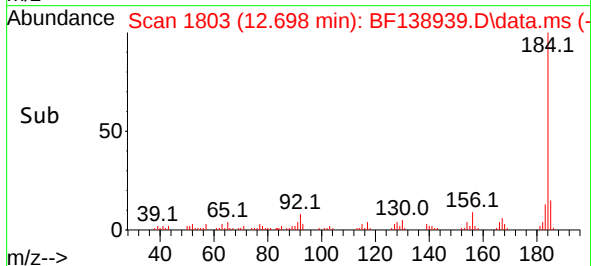
Tgt Ion:184 Resp: 47429
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 12.6 9.6 14.4

Manual Integrations

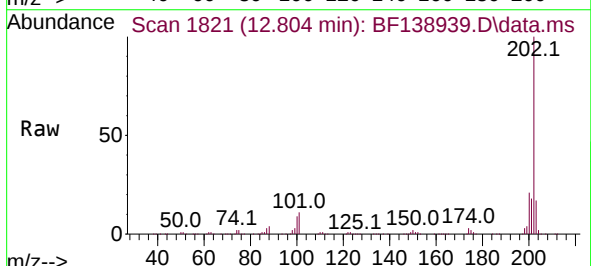
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

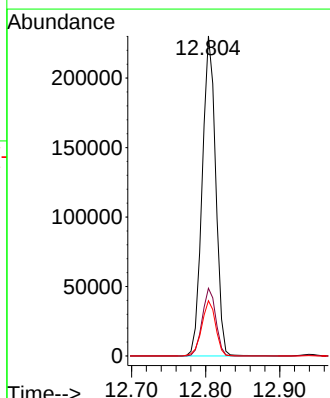
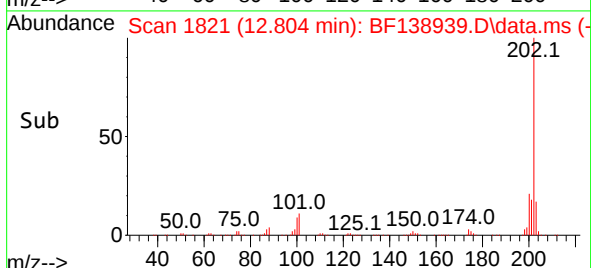
Supervised By :mohammad ahmed 08/13/2024



#78
Pyrene
Concen: 35.030 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:202 Resp: 290623
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 72.199 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138939.D

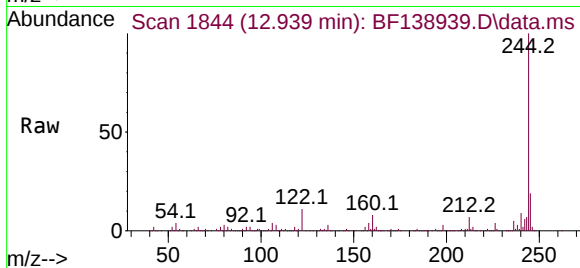
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:244 Resp: 37998

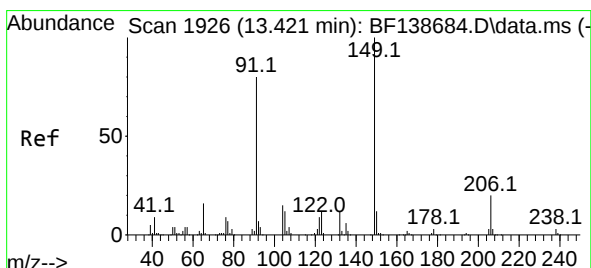
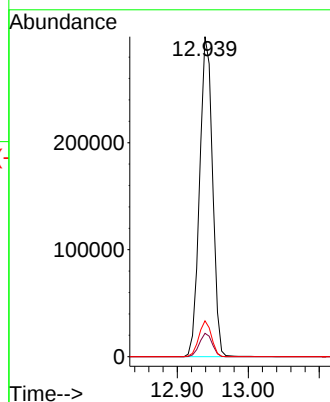
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	11.2	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#80

Butylbenzylphthalate

Concen: 42.075 ng

RT: 13.410 min Scan# 1924

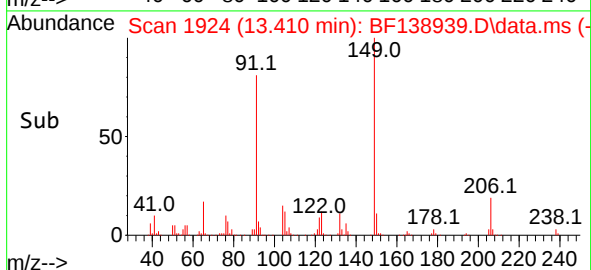
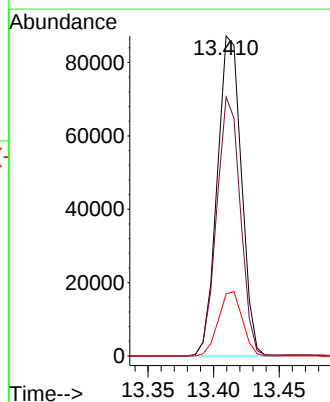
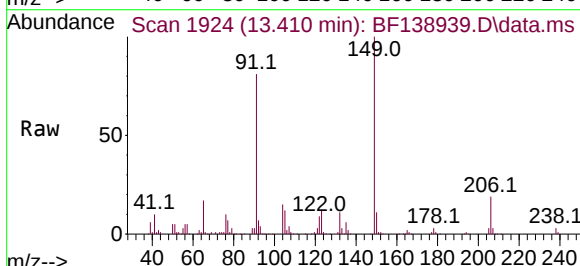
Delta R.T. -0.012 min

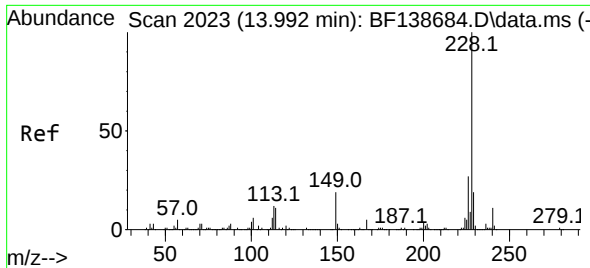
Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion:149 Resp: 111784

Ion	Ratio	Lower	Upper
149	100		
91	80.9	63.7	95.5
206	19.5	16.2	24.2





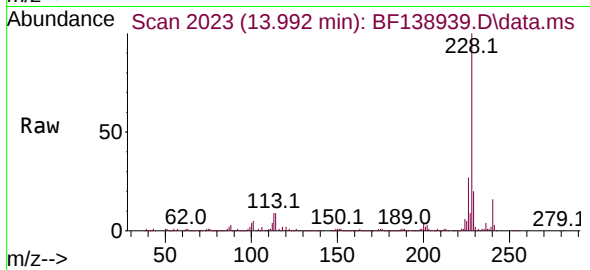
#81
Benzo(a)anthracene
Concen: 38.945 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

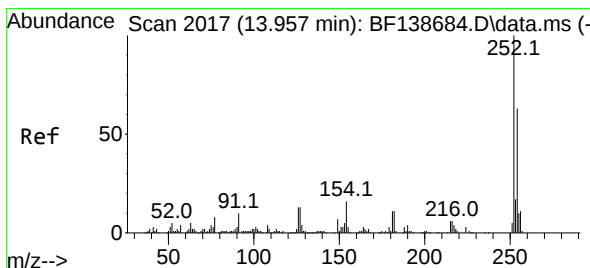
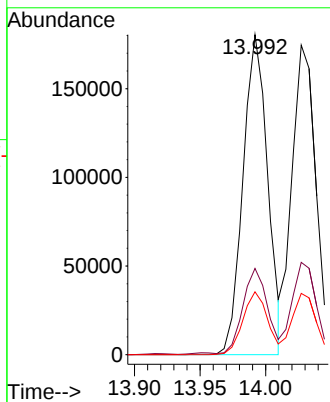
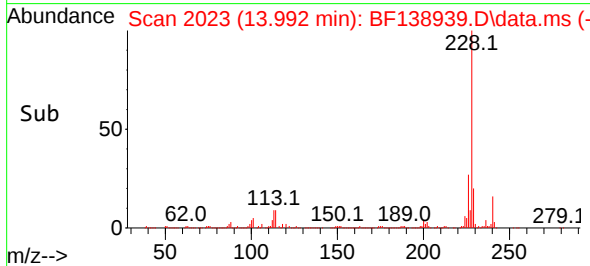


Tgt Ion:228 Resp: 236311
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.7 15.4 23.0

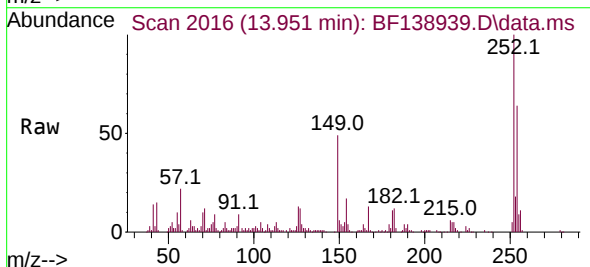
Manual Integrations

APPROVED

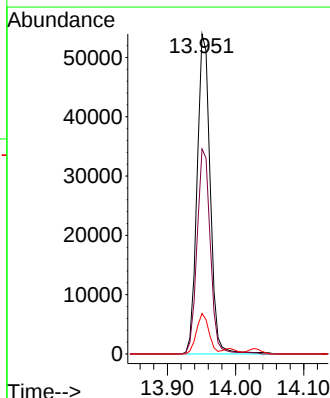
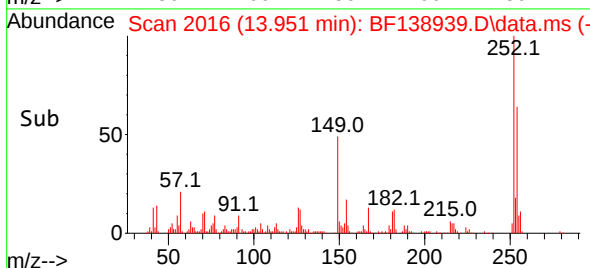
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#82
3,3'-Dichlorobenzidine
Concen: 46.415 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:252 Resp: 72073
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 12.6 10.2 15.2





#83

Chrysene

Concen: 40.557 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

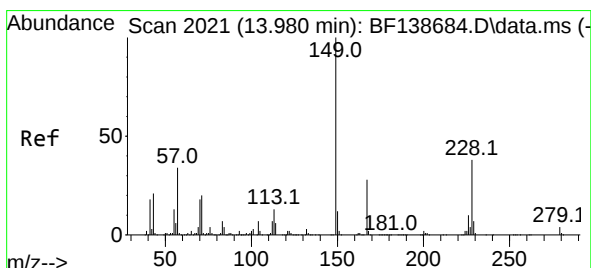
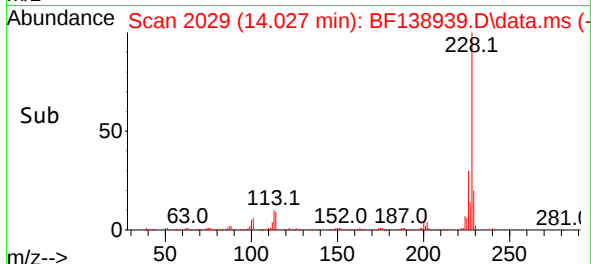
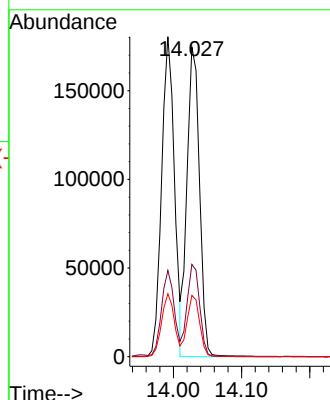
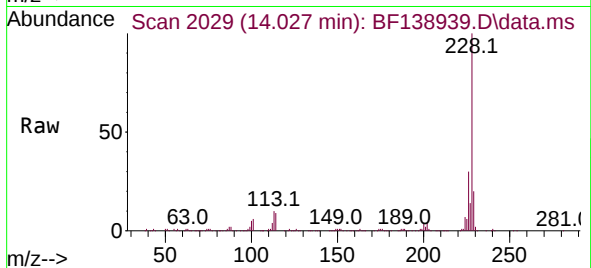
Tgt Ion:	228	Resp:	222028
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.7	35.5
229	19.8	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.800 ng

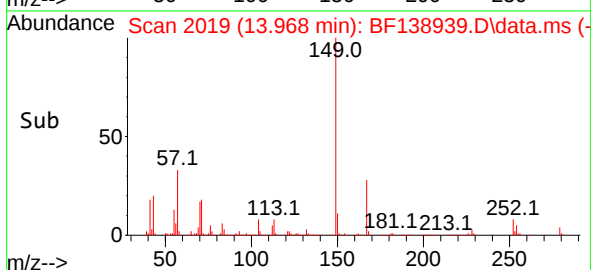
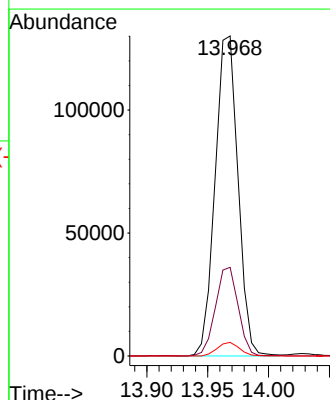
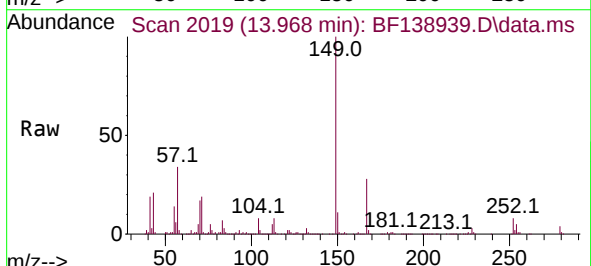
RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion:	149	Resp:	170401
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.2	33.4
279	4.3	3.4	5.0





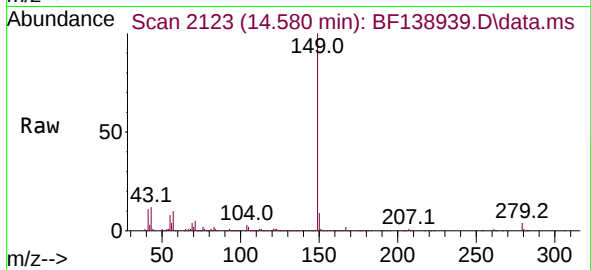
#85
Di-n-octyl phthalate
Concen: 44.828 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

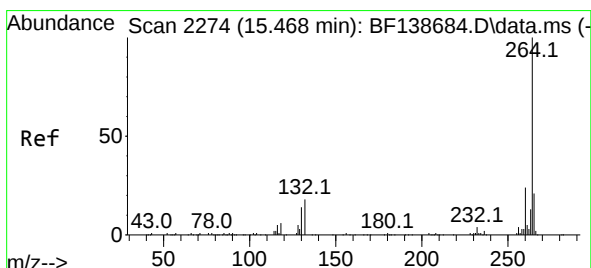
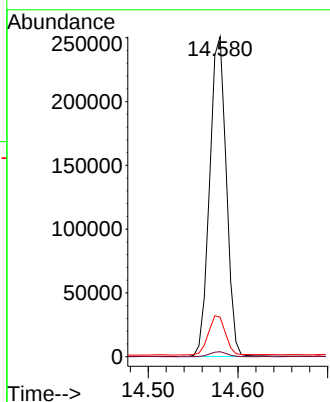
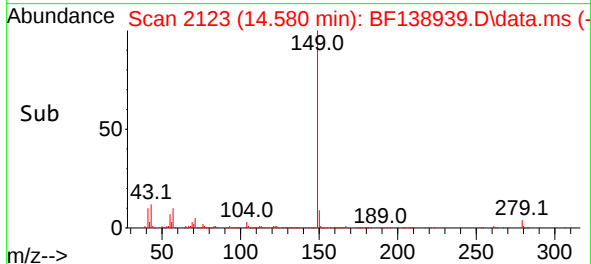


Tgt Ion:149 Resp: 322668
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.9 10.4 15.6

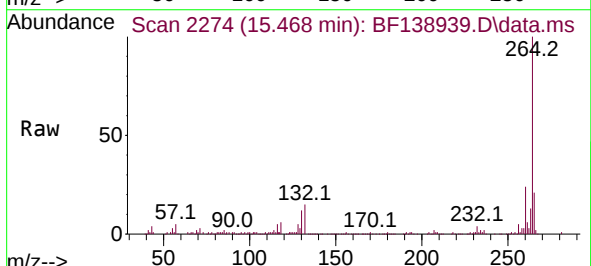
Manual Integrations

APPROVED

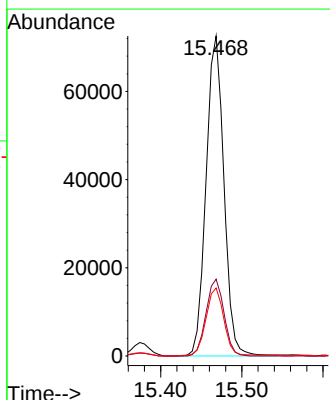
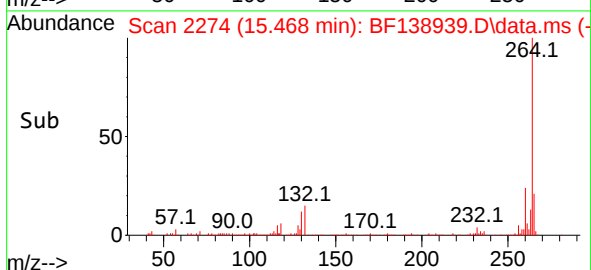
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

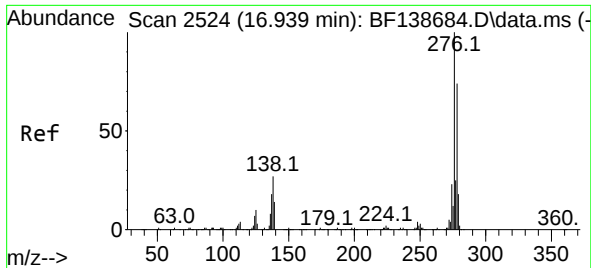


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:264 Resp: 110645
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.3 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.218 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

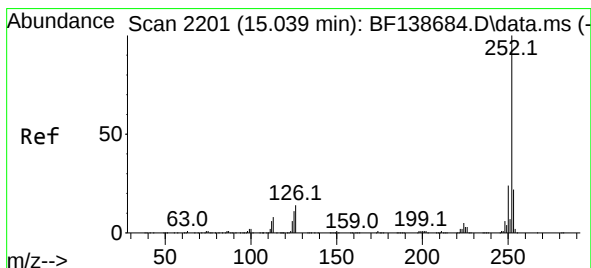
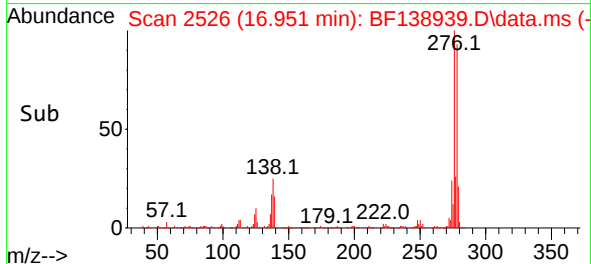
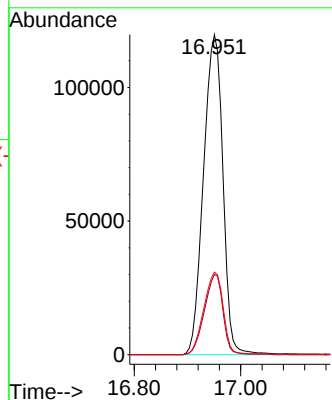
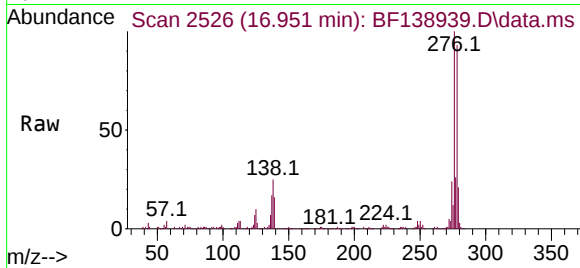
ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 303038
Ion Ratio Lower Upper
276 100
138 23.8 21.8 32.8
277 25.9 20.6 30.8

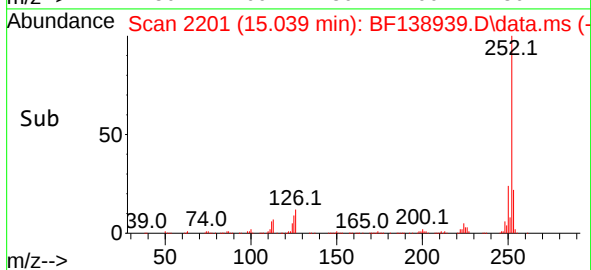
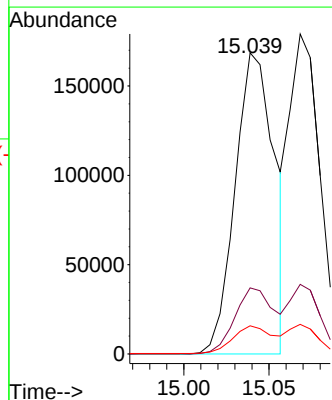
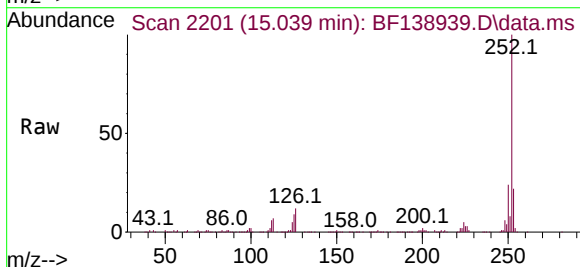
Manual Integrations
APPROVED

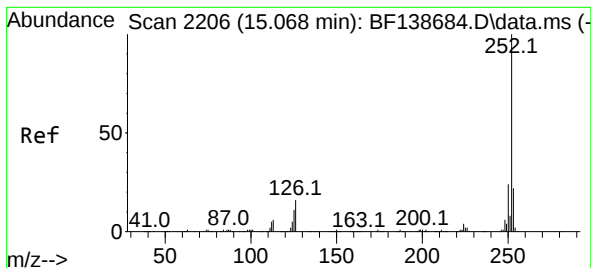
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#88
Benzo(b)fluoranthene
Concen: 39.575 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Tgt Ion:252 Resp: 271442
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 37.738 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

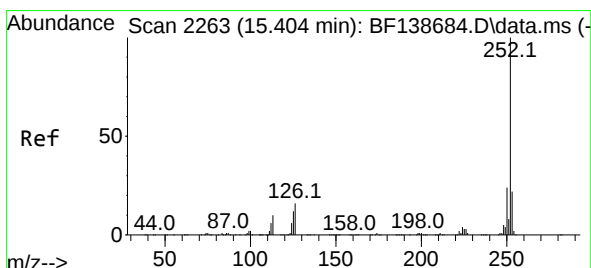
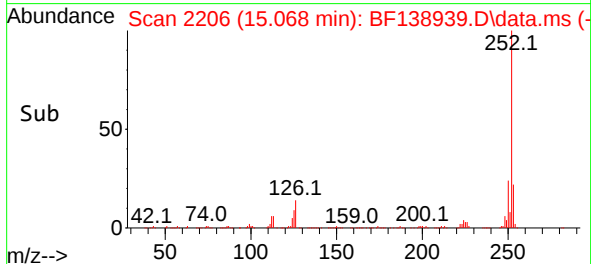
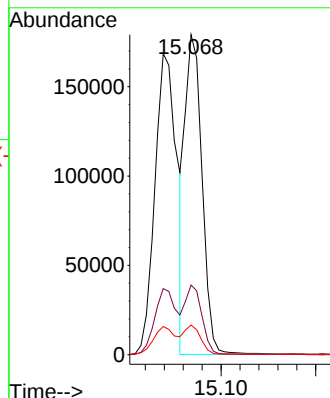
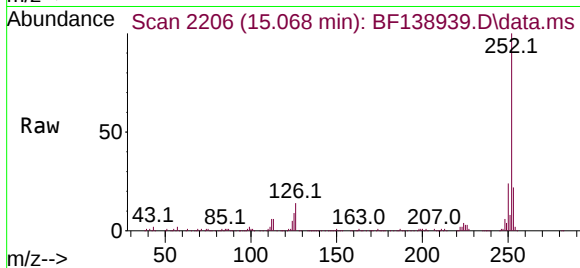
Tgt Ion:252 Resp: 22411
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 9.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#90

Benzo(a)pyrene

Concen: 39.356 ng

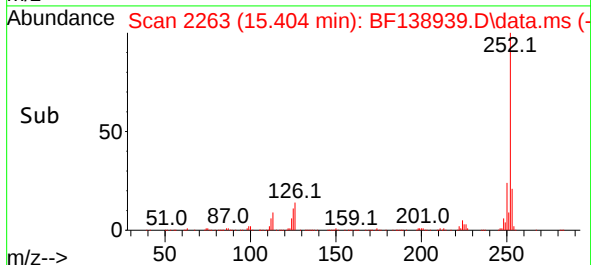
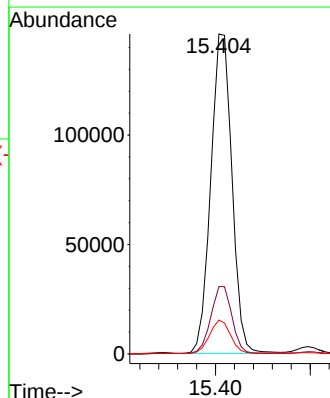
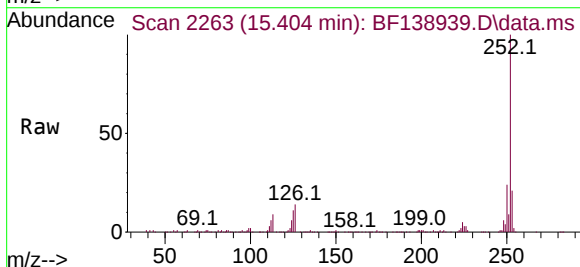
RT: 15.404 min Scan# 2263

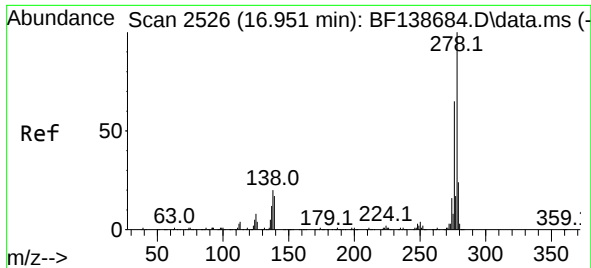
Delta R.T. -0.000 min

Lab File: BF138939.D

Acq: 12 Aug 2024 17:55

Tgt Ion:252 Resp: 227060
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.3 25.9
 125 10.6 9.5 14.3





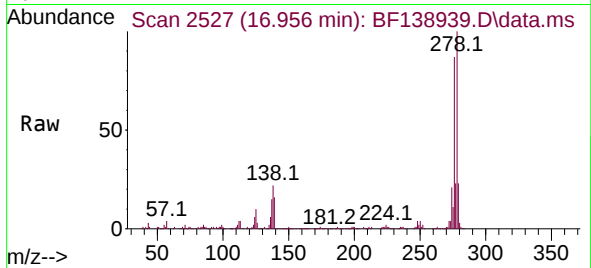
#91
Dibenzo(a,h)anthracene
Concen: 38.374 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



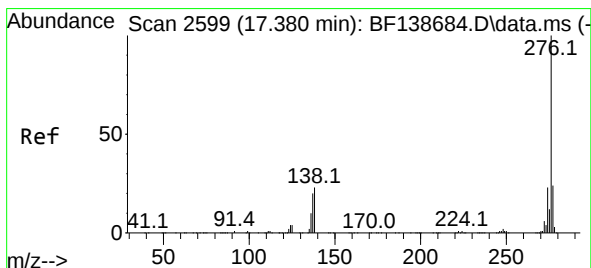
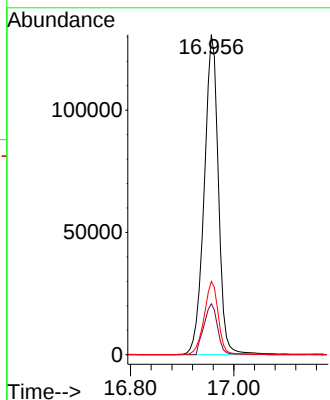
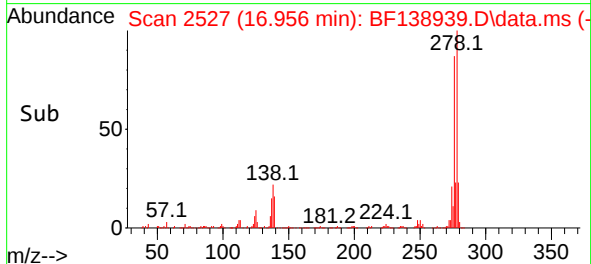
Tgt Ion:278 Resp: 249774
Ion Ratio Lower Upper
278 100
139 15.9 14.0 21.0
279 22.9 19.0 28.4

Manual Integrations

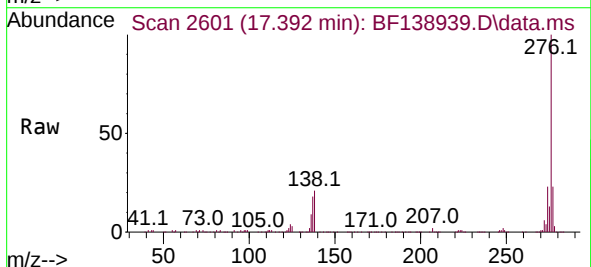
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#92
Benzo(g,h,i)perylene
Concen: 38.023 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138939.D
Acq: 12 Aug 2024 17:55



Tgt Ion:276 Resp: 256818
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 20.7 18.5 27.7

