

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138879.D
 Acq On : 09 Aug 2024 09:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 10:52:44 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	6.845	152	65310	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	265298	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	151080	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	254940	20.000	ng	0.00
76) Chrysene-d12	14.004	240	120643	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	111360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	327221	77.341	ng	0.00
7) Phenol-d6	6.492	99	441036	77.642	ng	0.00
23) Nitrobenzene-d5	7.416	82	440205	81.125	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	105999	85.652	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	825374	82.084	ng	0.00
79) Terphenyl-d14	12.945	244	674631	93.624	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	61050	32.959	ng	96
3) Pyridine	3.357	79	155693	34.698	ng	97
4) n-Nitrosodimethylamine	3.334	42	110982	41.529	ng	85
6) Aniline	6.510	93	195305	38.553	ng	# 42
8) 2-Chlorophenol	6.634	128	177941	39.975	ng	99
9) Benzaldehyde	6.398	77	108515	31.868	ng	100
10) Phenol	6.510	94	230807	38.591	ng	78
11) bis(2-Chloroethyl)ether	6.587	93	172259	37.428	ng	98
12) 1,3-Dichlorobenzene	6.787	146	195964	39.328	ng	99
13) 1,4-Dichlorobenzene	6.863	146	198050	39.385	ng	99
14) 1,2-Dichlorobenzene	7.016	146	191541	40.758	ng	100
15) Benzyl Alcohol	6.992	79	174054	42.513	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	278655	35.181	ng	54
17) 2-Methylphenol	7.110	107	142043	38.644	ng	# 89
18) Hexachloroethane	7.351	117	76517	40.424	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	141939	41.371	ng	98
20) 3+4-Methylphenols	7.263	107	191899	40.691	ng	# 90
22) Acetophenone	7.257	105	265553	40.881	ng	# 98
24) Nitrobenzene	7.434	77	222112	40.226	ng	99
25) Isophorone	7.669	82	365563	39.454	ng	98
26) 2-Nitrophenol	7.745	139	97900	41.211	ng	95
27) 2,4-Dimethylphenol	7.786	122	111210	39.127	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	218905	38.796	ng	99
29) 2,4-Dichlorophenol	7.992	162	150623	41.240	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	168914	40.076	ng	99
31) Naphthalene	8.145	128	553926	39.667	ng	100
32) Benzoic acid	7.945	122	79011	35.363	ng	93
33) 4-Chloroaniline	8.204	127	173813	37.080	ng	98
34) Hexachlorobutadiene	8.257	225	106581	41.748	ng	99
35) Caprolactam	8.598	113	45794m	42.020	ng	
36) 4-Chloro-3-methylphenol	8.692	107	175226	41.980	ng	99
37) 2-Methylnaphthalene	8.833	142	363449	41.211	ng	99
38) 1-Methylnaphthalene	8.933	142	351793	40.707	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	168508	40.151	ng	99
41) Hexachlorocyclopentadiene	8.980	237	51121	48.979	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	99909	39.044	ng	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	110978	39.672	ng	100
46) 1,1'-Biphenyl	9.304	154	461730	39.023	ng	99
47) 2-Chloronaphthalene	9.328	162	343772	39.064	ng	99
48) 2-Nitroaniline	9.433	65	120246	40.306	ng	99
49) Acenaphthylene	9.739	152	490451	39.295	ng	100
50) Dimethylphthalate	9.604	163	397073	41.104	ng	100
51) 2,6-Dinitrotoluene	9.675	165	89744	41.164	ng	91
52) Acenaphthene	9.916	154	326651	38.933	ng	100
53) 3-Nitroaniline	9.845	138	89775	39.833	ng	97
54) 2,4-Dinitrophenol	9.957	184	45402	45.240	ng	# 83
55) Dibenzofuran	10.086	168	476936	40.270	ng	99
56) 4-Nitrophenol	10.022	139	57826	42.666	ng	91
57) 2,4-Dinitrotoluene	10.080	165	120107	43.181	ng	# 83
58) Fluorene	10.427	166	392206	41.585	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	87762m	41.037	ng	
60) Diethylphthalate	10.298	149	402355	43.927	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	193596	41.737	ng	97
62) 4-Nitroaniline	10.463	138	88058	41.114	ng	89
63) Azobenzene	10.580	77	412159	40.571	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	64538	41.494	ng	94
66) n-Nitrosodiphenylamine	10.539	169	321358	40.327	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	111018	40.221	ng	96
68) Hexachlorobenzene	10.974	284	114946	40.333	ng	99
69) Atrazine	11.063	200	79675	38.753	ng	96
70) Pentachlorophenol	11.174	266	58263	45.355	ng	98
71) Phenanthrene	11.392	178	526719	40.124	ng	100
72) Anthracene	11.445	178	519957	40.206	ng	100
73) Carbazole	11.598	167	462567	41.459	ng	99
74) Di-n-butylphthalate	11.916	149	599976	47.835	ng	99
75) Fluoranthene	12.574	202	517334	42.213	ng	99
77) Benzidine	12.698	184	114954	39.838	ng	99
78) Pyrene	12.804	202	522241	45.976	ng	99
80) Butylbenzylphthalate	13.415	149	169955	46.724	ng	97
81) Benzo(a)anthracene	13.992	228	326447	39.294	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	83780	39.408	ng	98
83) Chrysene	14.027	228	299773	39.995	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	201833	37.893	ng	99
85) Di-n-octyl phthalate	14.580	149	337677	34.265	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	302261	37.875	ng	96
88) Benzo(b)fluoranthene	15.039	252	281311	40.751	ng	98
89) Benzo(k)fluoranthene	15.068	252	257413	43.068	ng	98
90) Benzo(a)pyrene	15.404	252	235833	40.615	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	249401	38.071	ng	97
92) Benzo(g,h,i)perylene	17.380	276	247476	36.405	ng	96

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



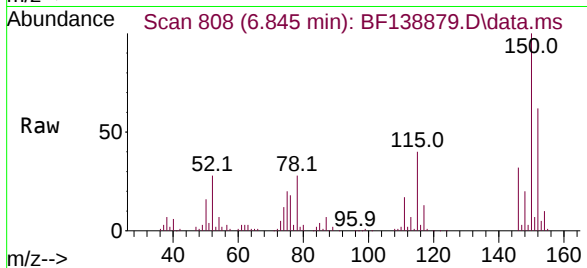
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

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SSTDCCC040

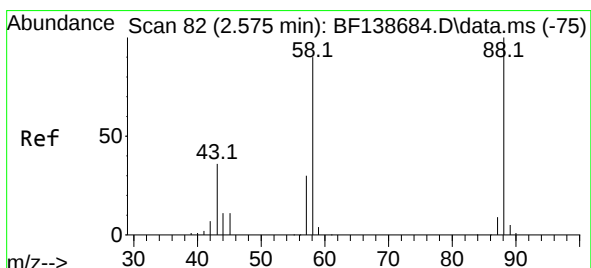
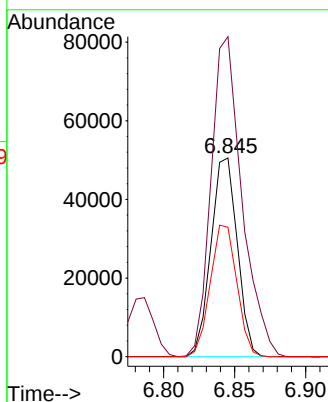
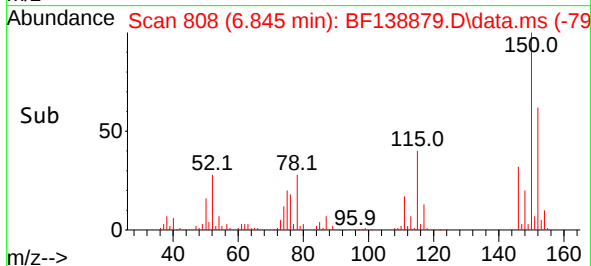


Tgt Ion:152 Resp: 65310
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 65.2 51.7 77.5

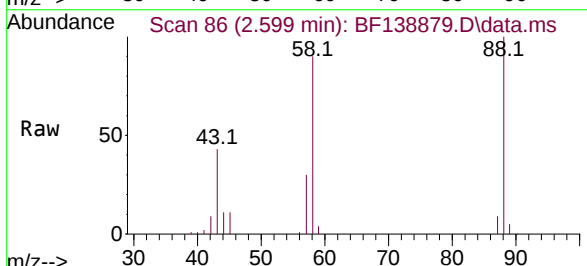
Manual Integrations

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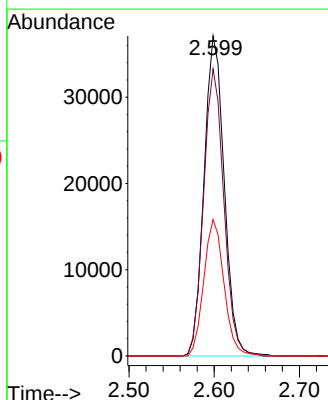
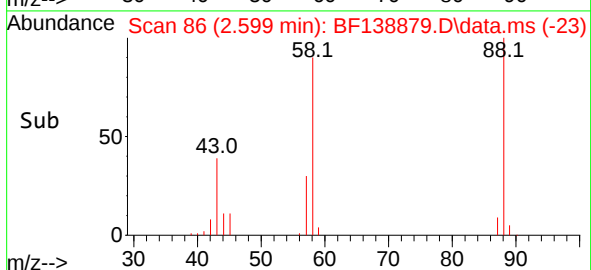
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#2
1,4-Dioxane
Concen: 32.959 ng
RT: 2.599 min Scan# 86
Delta R.T. 0.023 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion: 88 Resp: 61050
Ion Ratio Lower Upper
88 100
58 89.9 71.6 107.4
43 42.6 28.7 43.1





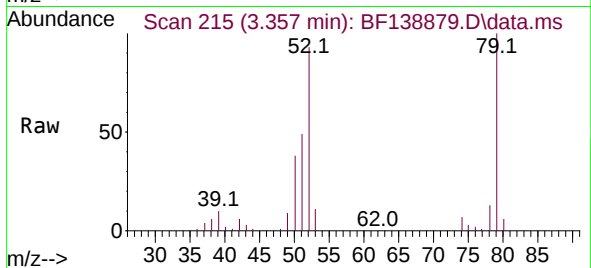
#3
Pyridine
Concen: 34.698 ng
RT: 3.357 min Scan# 215
Delta R.T. 0.023 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

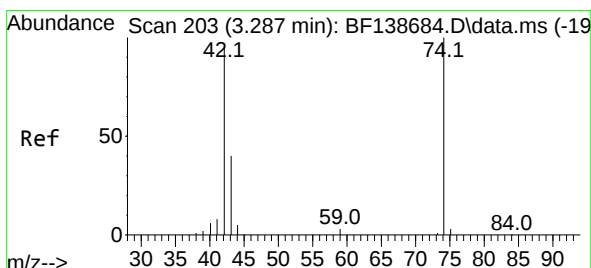
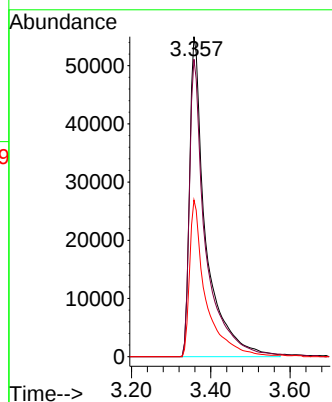
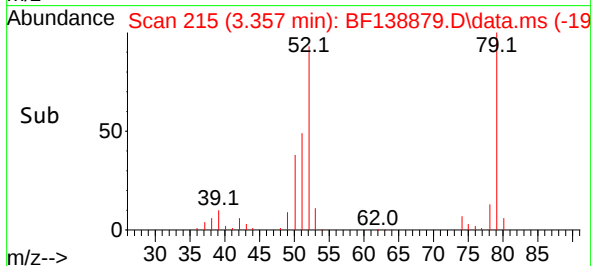


Tgt Ion: 79 Resp: 15569
Ion Ratio Lower Upper
79 100
52 93.0 74.7 112.1
51 48.9 34.6 51.8

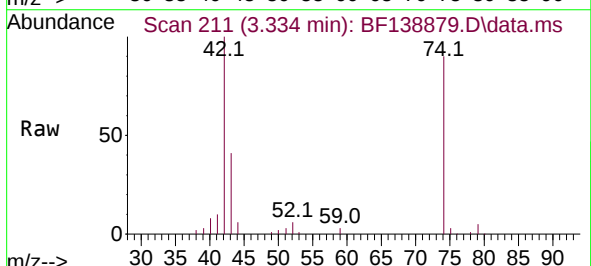
Manual Integrations

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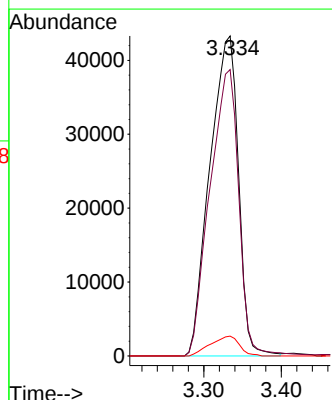
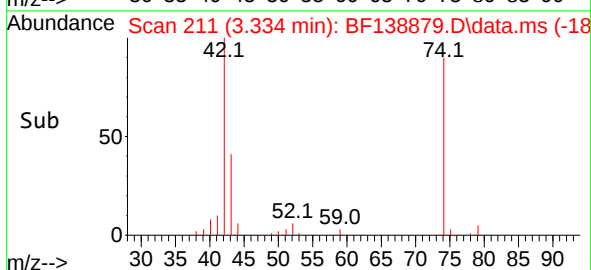
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#4
n-Nitrosodimethylamine
Concen: 41.529 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion: 42 Resp: 110982
Ion Ratio Lower Upper
42 100
74 89.5 84.2 126.4
44 6.2 4.9 7.3





#5
2-Fluorophenol
Concen: 77.341 ng
RT: 5.469 min Scan# 512
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

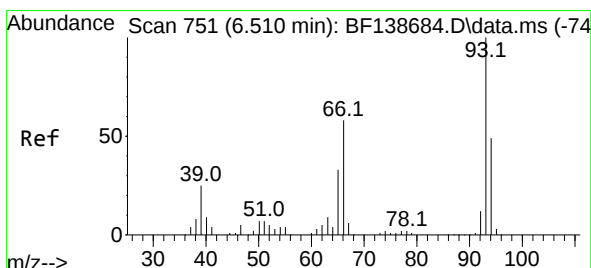
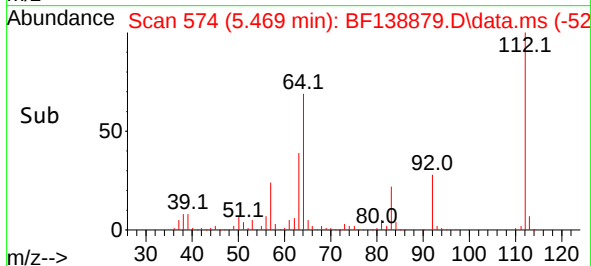
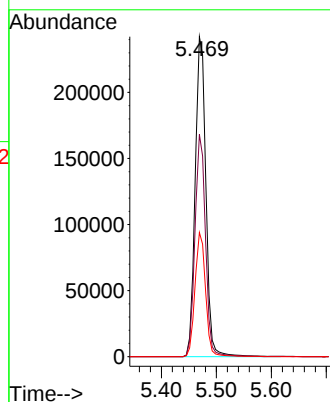
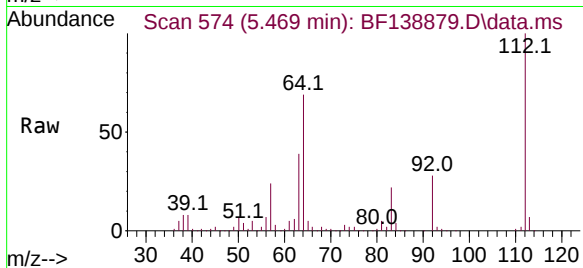
SSTDCCC040

Tgt Ion:112 Resp: 32722
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 38.8 28.7 43.1

Manual Integrations

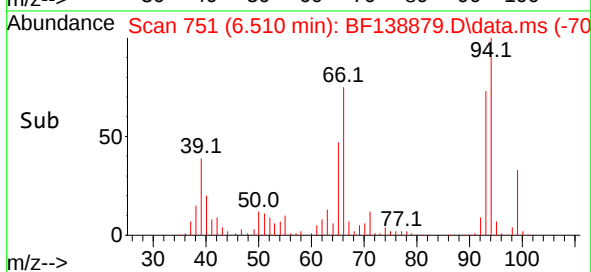
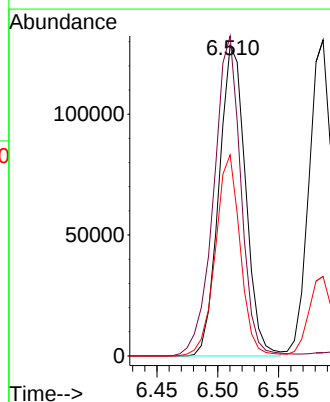
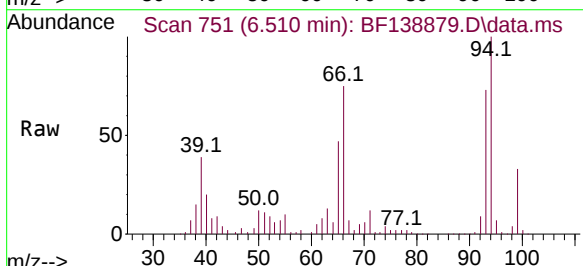
APPROVED

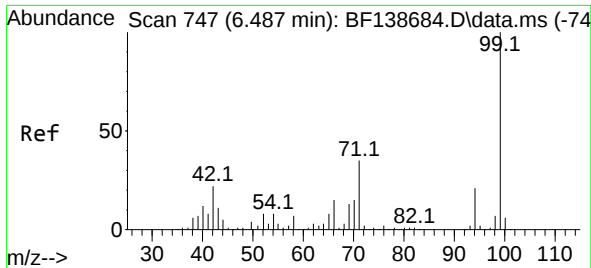
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#6
Aniline
Concen: 38.553 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion: 93 Resp: 195305
Ion Ratio Lower Upper
93 100
66 103.0 46.9 70.3#
65 64.7 26.5 39.7#





#7

Phenol-d6

Concen: 77.642 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 441030

Ion Ratio Lower Upper

99 100

42 24.5 17.4 26.0

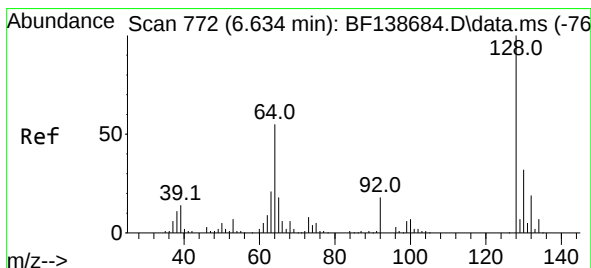
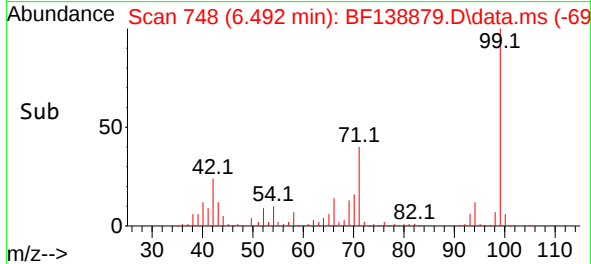
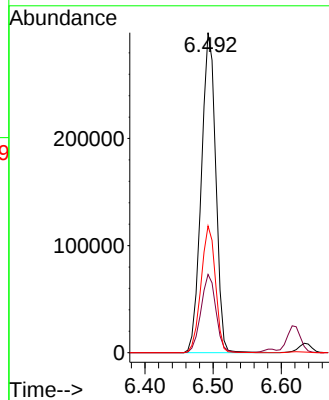
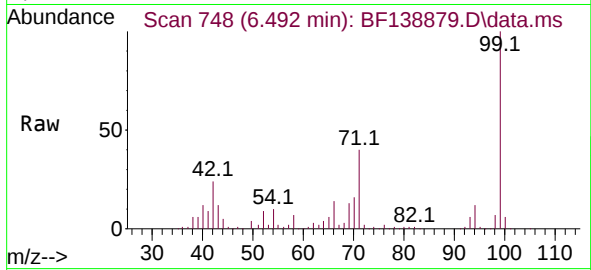
71 39.6 28.1 42.1

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/12/2024



#8

2-Chlorophenol

Concen: 39.975 ng

RT: 6.634 min Scan# 772

Delta R.T. -0.000 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

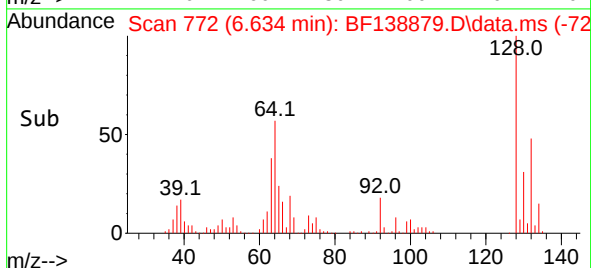
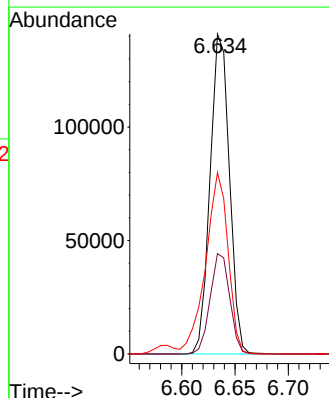
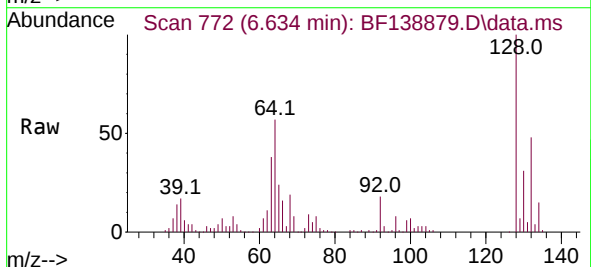
Tgt Ion:128 Resp: 177941

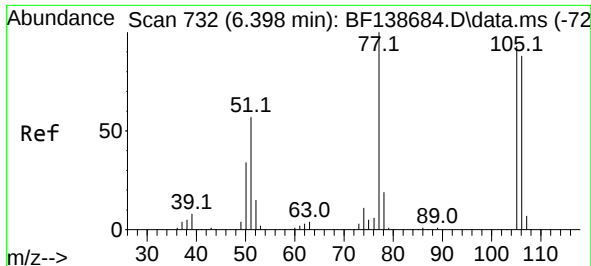
Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

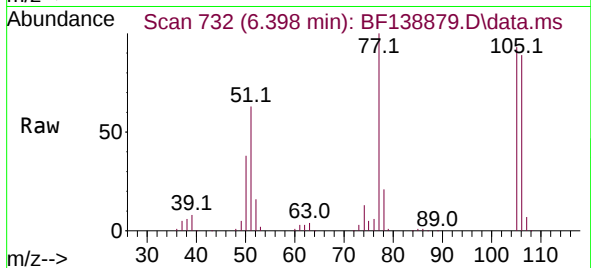
64 56.7 36.3 76.3





#9
Benzaldehyde
Concen: 31.868 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

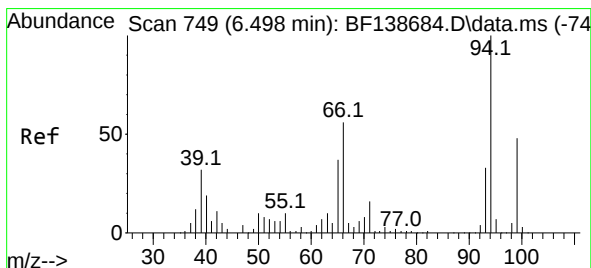
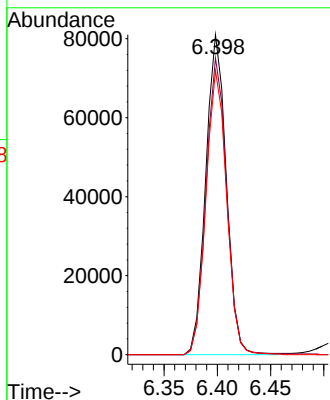
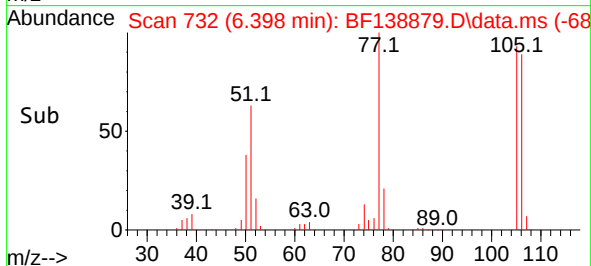
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 10851
Ion Ratio Lower Upper
77 100
105 92.7 72.9 112.9
106 88.8 68.4 108.4

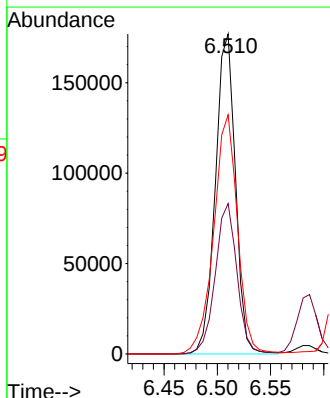
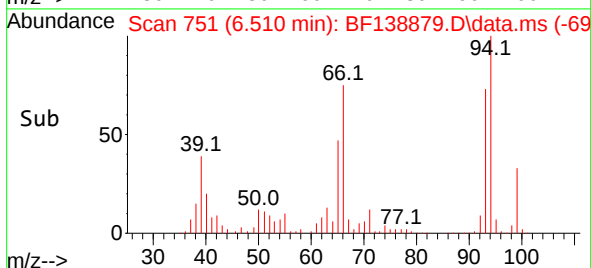
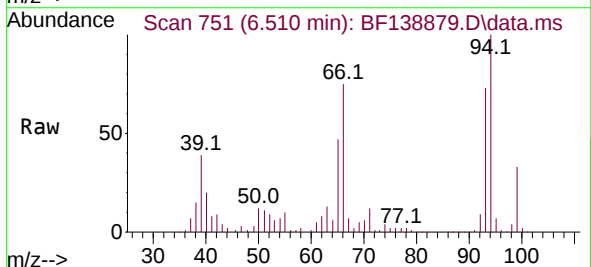
Manual Integrations
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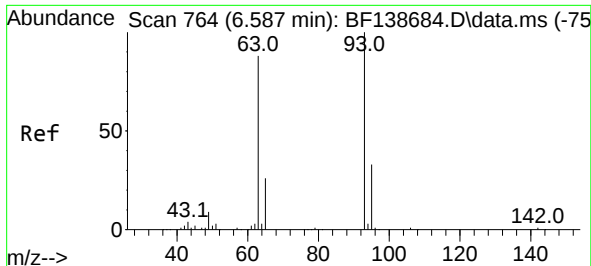
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#10
Phenol
Concen: 38.591 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion: 94 Resp: 230807
Ion Ratio Lower Upper
94 100
65 47.0 16.9 56.9
66 74.8 36.5 76.5





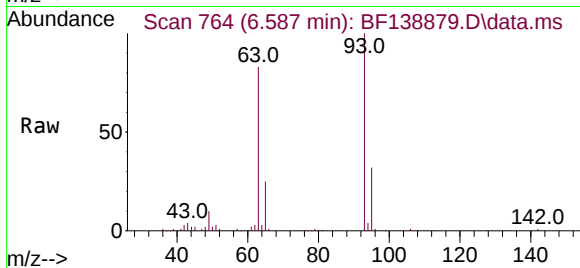
#11
bis(2-Chloroethyl)ether
Concen: 37.428 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

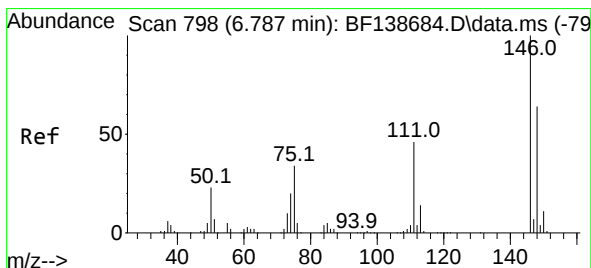
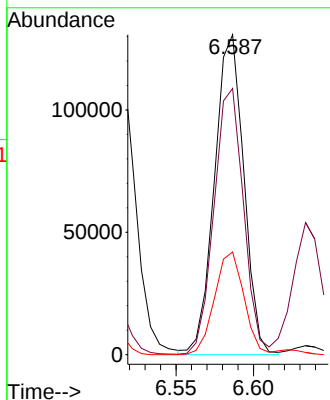
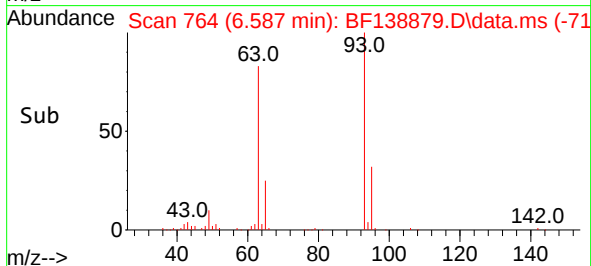
SSTDCCC040



Tgt Ion: 93 Resp: 172259
Ion Ratio Lower Upper
93 100
63 83.2 65.3 105.3
95 32.1 12.4 52.4

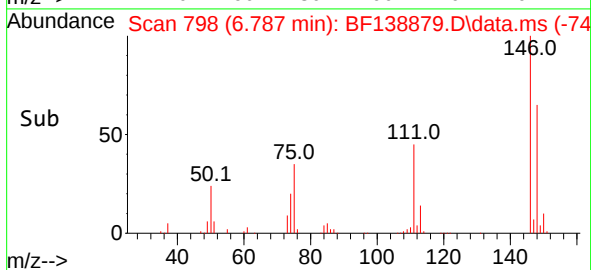
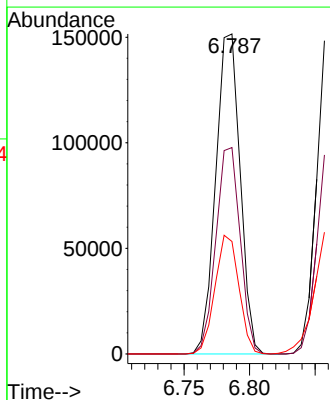
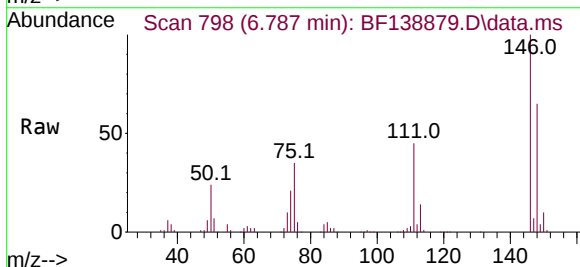
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#12
1,3-Dichlorobenzene
Concen: 39.328 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:146 Resp: 195964
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 35.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.385 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF138879.D

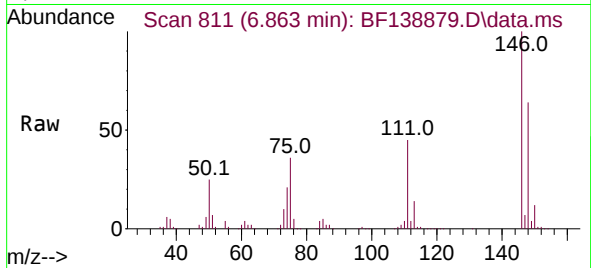
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 198050

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

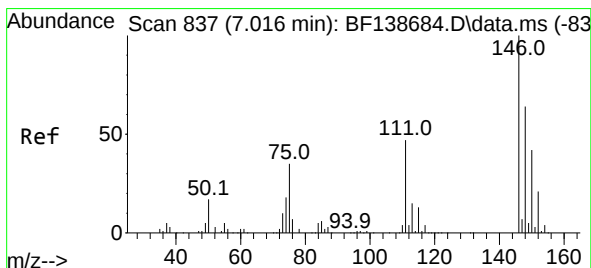
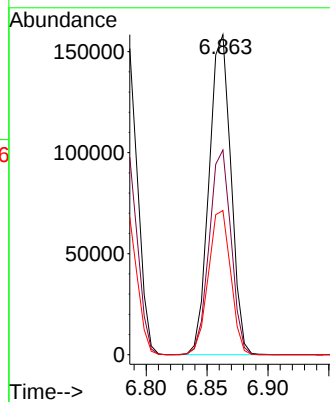
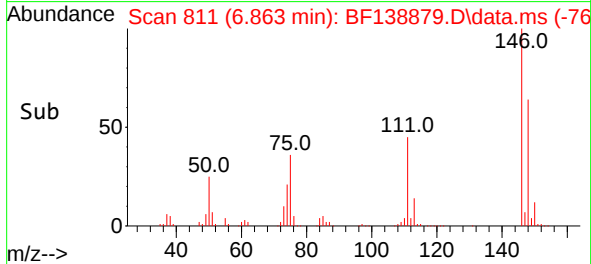
111 45.1 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#14

1,2-Dichlorobenzene

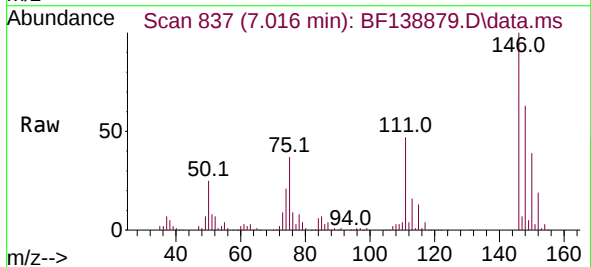
Concen: 40.758 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48



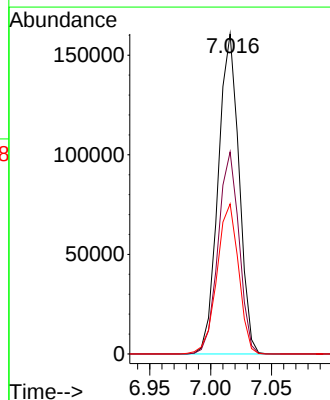
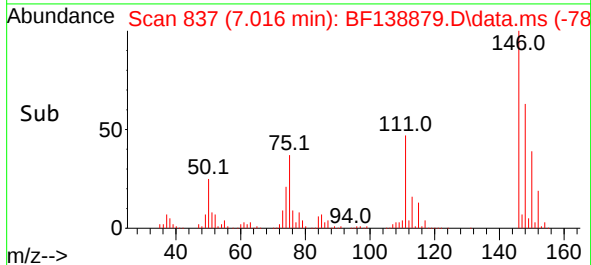
Tgt Ion:146 Resp: 191541

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

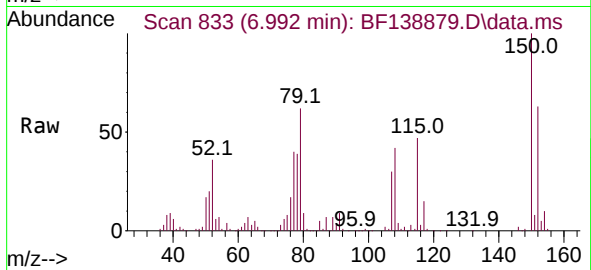
111 46.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 42.513 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

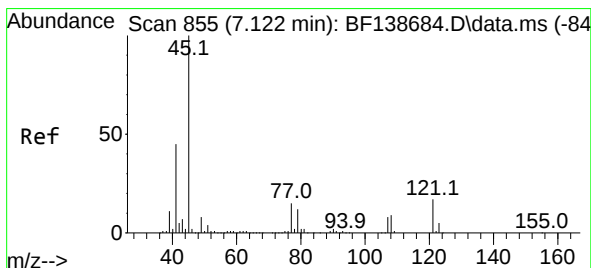
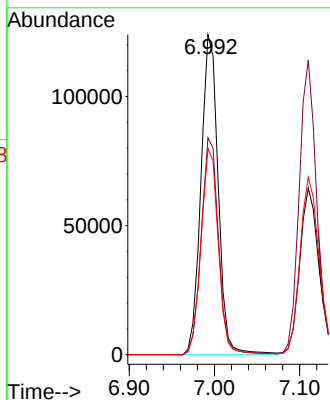
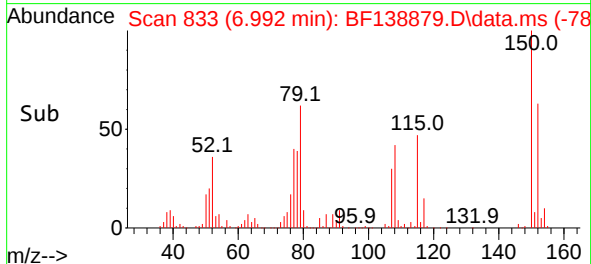
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



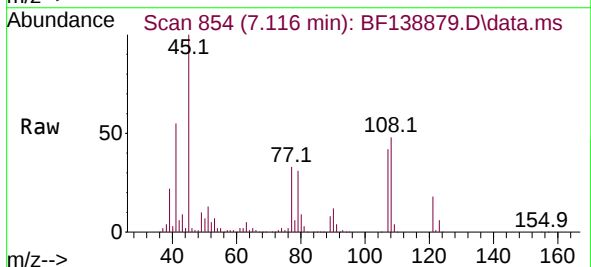
Tgt Ion: 79 Resp: 174054
Ion Ratio Lower Upper
79 100
108 67.8 56.6 85.0
77 64.5 50.3 75.5

Manual Integrations
APPROVED

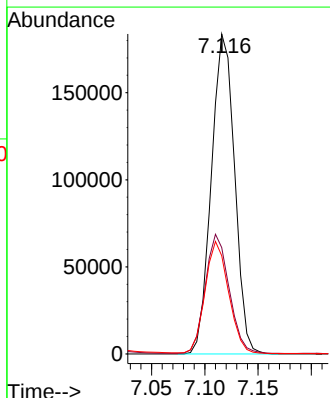
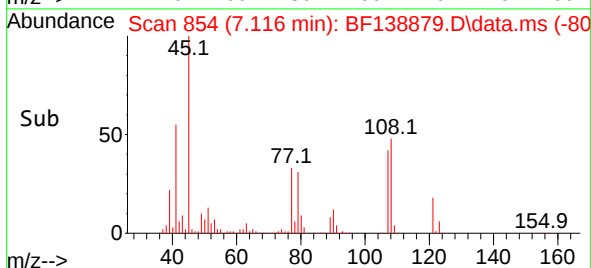
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

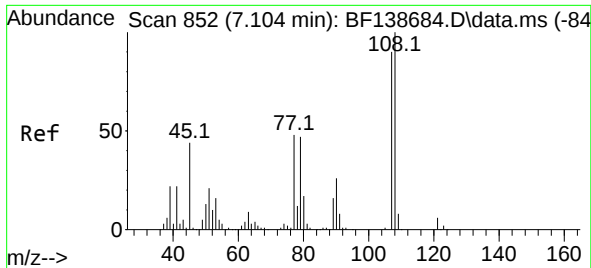


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.181 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion: 45 Resp: 278655
Ion Ratio Lower Upper
45 100
77 33.2 0.0 34.9
79 30.7 0.0 32.2





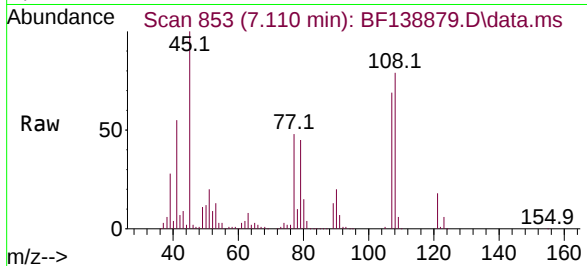
#17
2-Methylphenol
Concen: 38.644 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



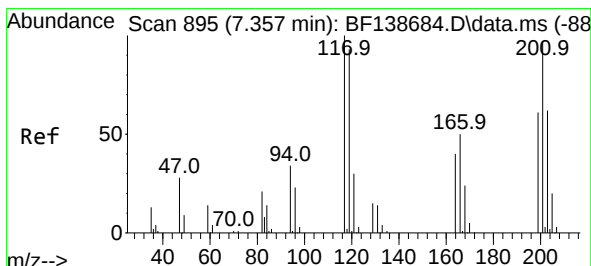
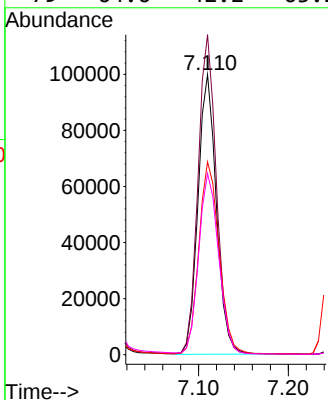
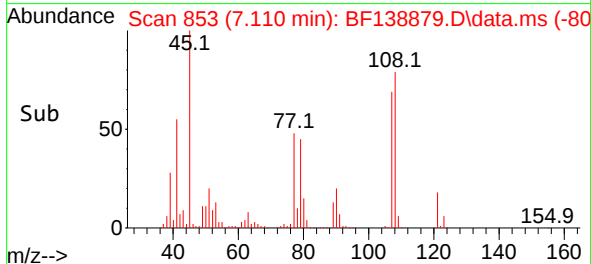
Tgt Ion:107 Resp: 142043
Ion Ratio Lower Upper
107 100
108 114.2 89.2 133.8
77 68.8 43.0 64.4
79 64.6 42.2 63.2

Manual Integrations

APPROVED

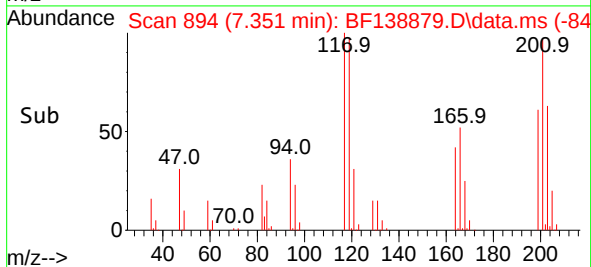
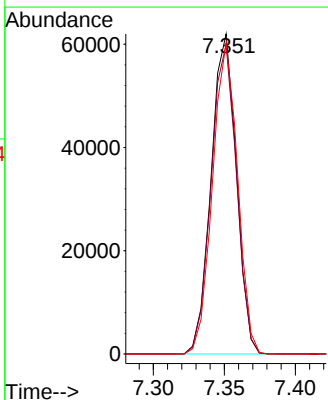
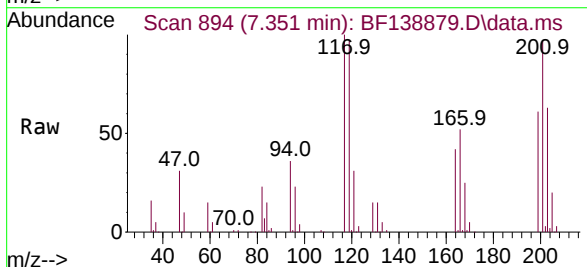
Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#18
Hexachloroethane
Concen: 40.424 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:117 Resp: 76517
Ion Ratio Lower Upper
117 100
119 96.7 74.6 111.8
201 97.2 77.2 115.8





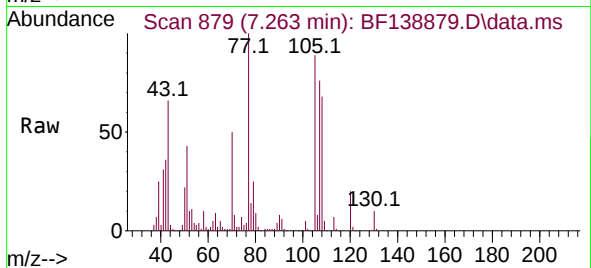
#19
n-Nitroso-di-n-propylamine
Concen: 41.371 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



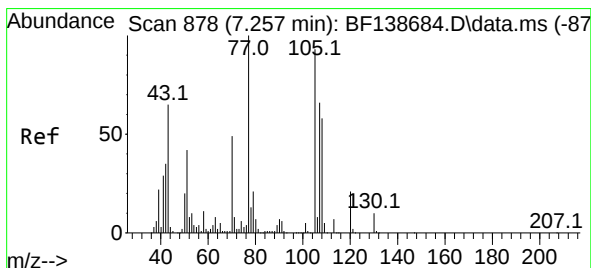
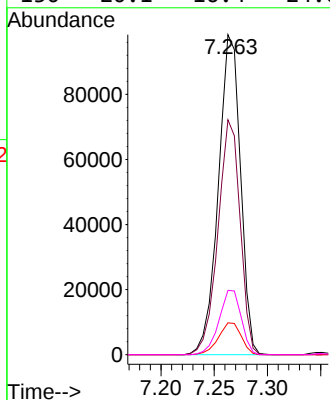
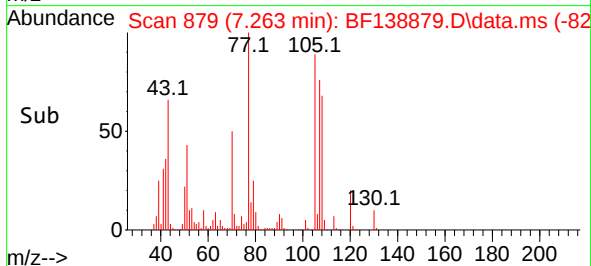
Tgt Ion: 70 Resp: 141939
Ion Ratio Lower Upper
70 100
42 73.4 57.4 86.0
101 9.9 7.5 11.3
130 20.1 16.4 24.6

Manual Integrations

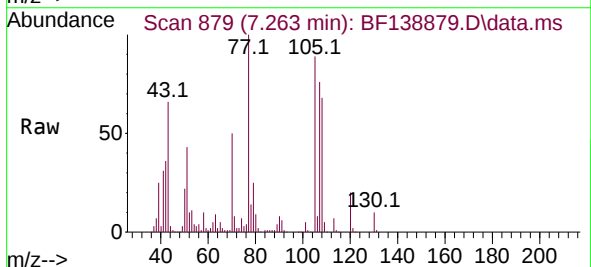
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

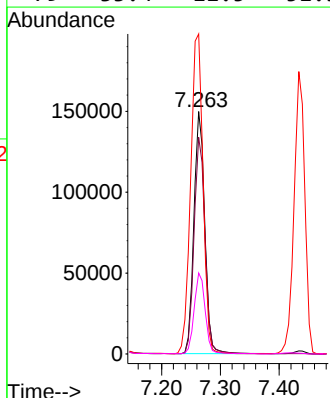
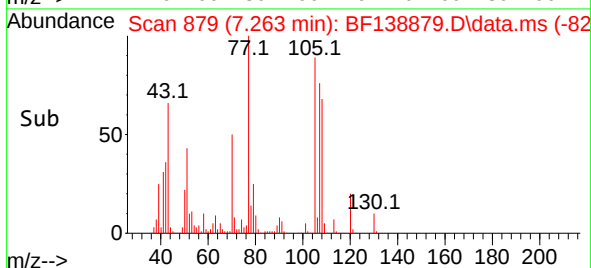
Supervised By :mohammad ahmed 08/12/2024

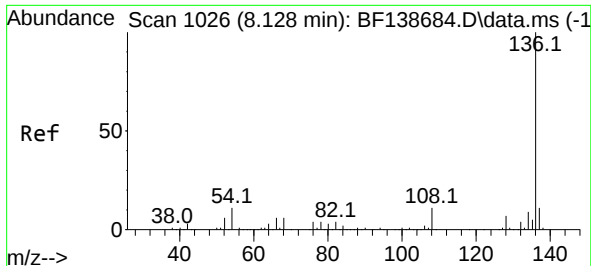


#20
3+4-Methylphenols
Concen: 40.691 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:107 Resp: 191899
Ion Ratio Lower Upper
107 100
108 89.3 68.2 108.2
77 132.0 132.1 172.1#
79 33.4 11.5 51.5





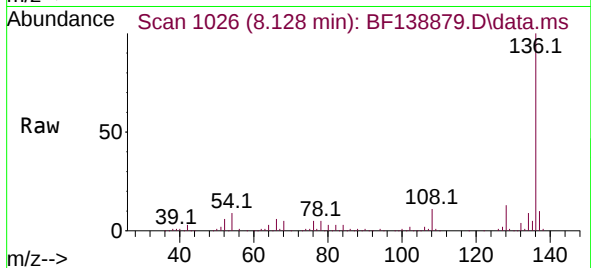
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



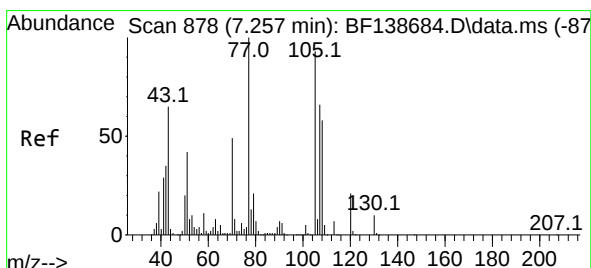
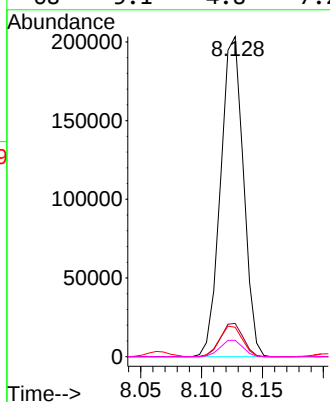
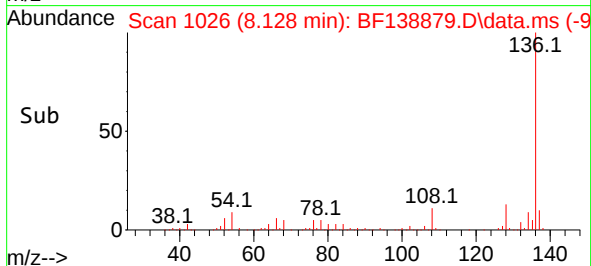
Tgt Ion:136 Resp: 265298
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 9.2 8.6 12.8
68 5.1 4.8 7.2

Manual Integrations

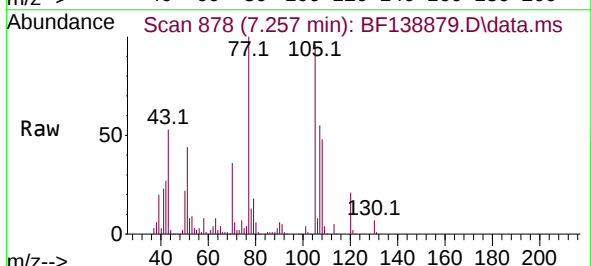
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

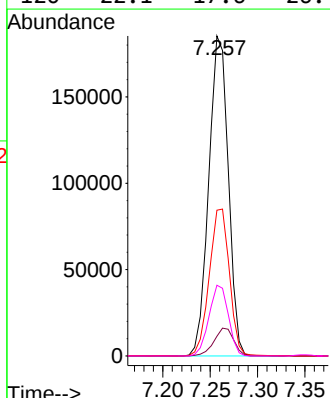
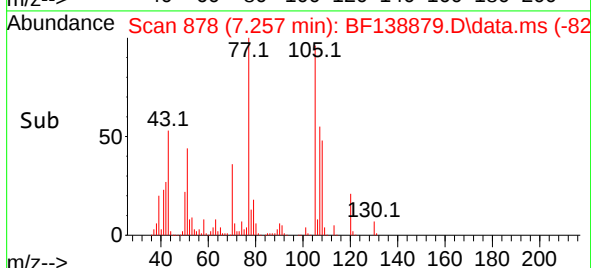
Supervised By :mohammad ahmed 08/12/2024



#22
Acetophenone
Concen: 40.881 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:105 Resp: 265553
Ion Ratio Lower Upper
105 100
71 6.2 7.2 10.8#
51 45.5 35.9 53.9
120 22.1 17.6 26.4





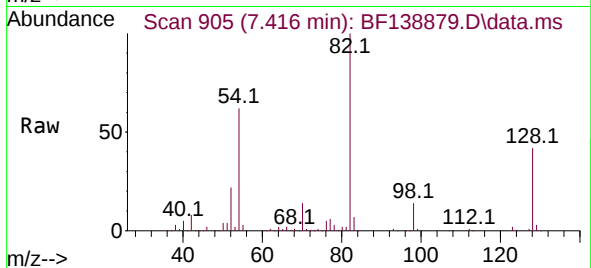
#23
Nitrobenzene-d5
Concen: 81.125 ng
RT: 7.416 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

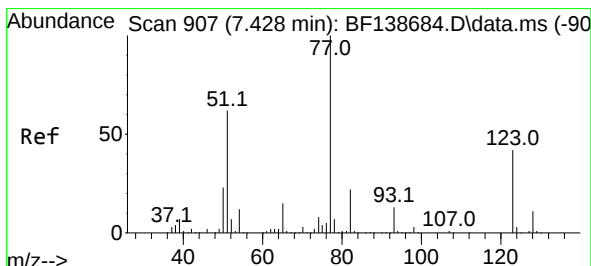
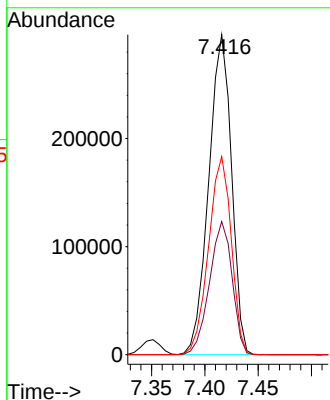
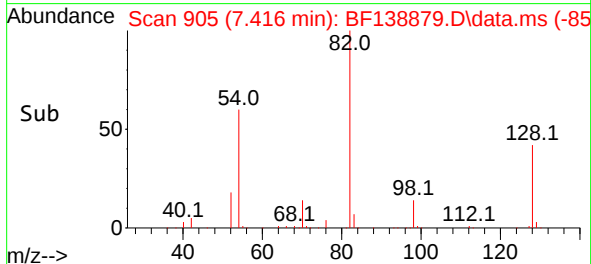


Tgt Ion: 82 Resp: 440205
Ion Ratio Lower Upper
82 100
128 41.6 32.8 49.2
54 61.9 48.3 72.5

Manual Integrations

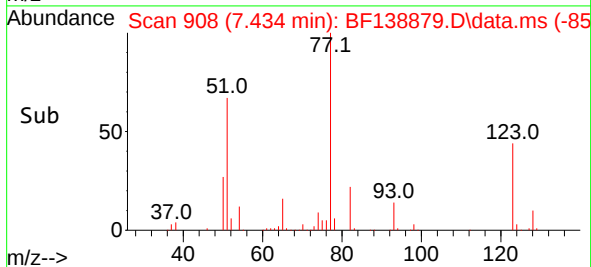
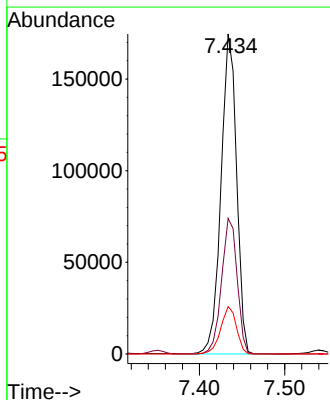
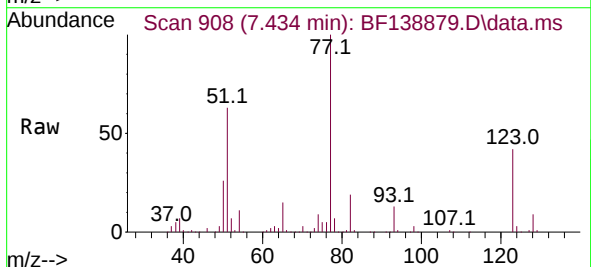
APPROVED

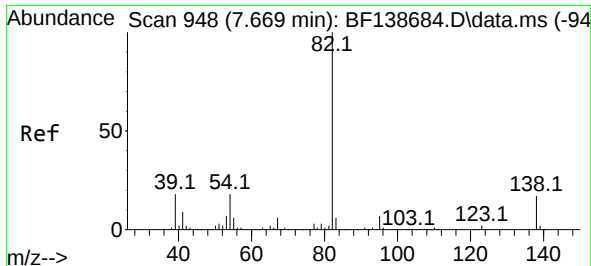
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#24
Nitrobenzene
Concen: 40.226 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

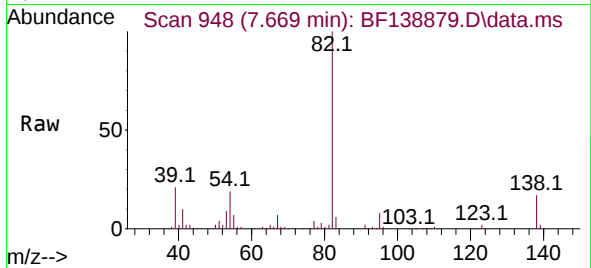
Tgt Ion: 77 Resp: 222112
Ion Ratio Lower Upper
77 100
123 42.3 33.3 49.9
65 14.8 11.9 17.9





#25
Isophorone
Concen: 39.454 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

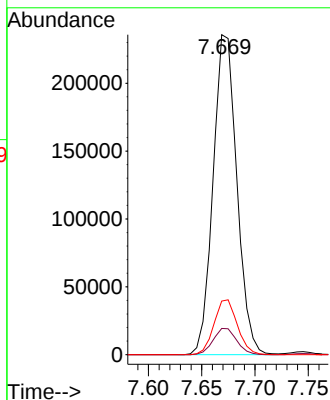
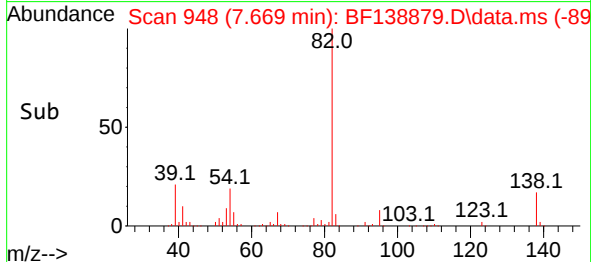
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



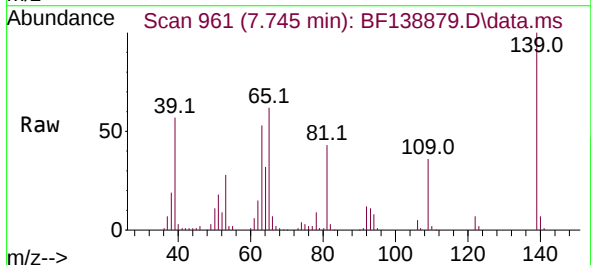
Tgt Ion: 82 Resp: 36556
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.8 13.7 20.5

Manual Integrations
APPROVED

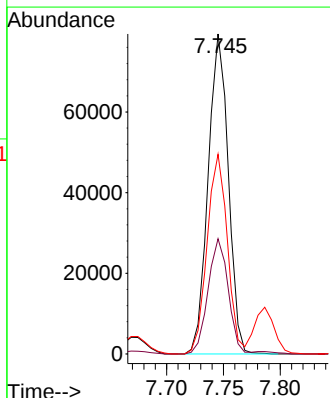
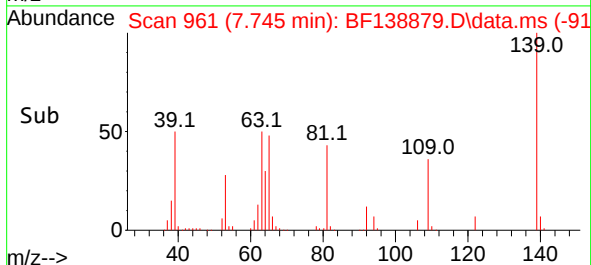
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

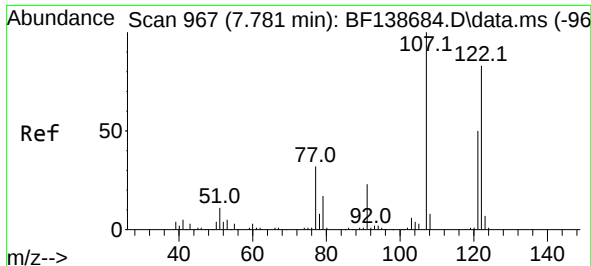


#26
2-Nitrophenol
Concen: 41.211 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:139 Resp: 97900
Ion Ratio Lower Upper
139 100
109 36.0 25.9 38.9
65 62.4 47.0 70.6





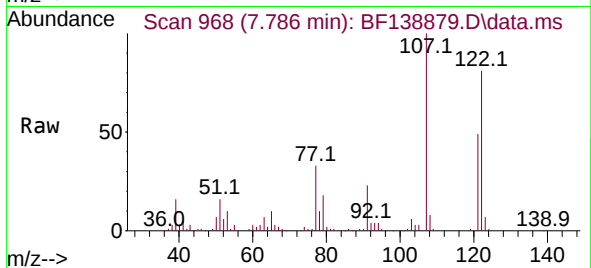
#27
2,4-Dimethylphenol
Concen: 39.127 ng
RT: 7.786 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



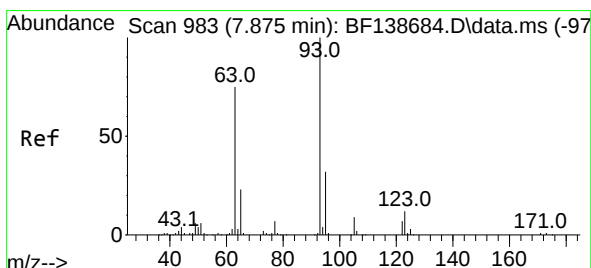
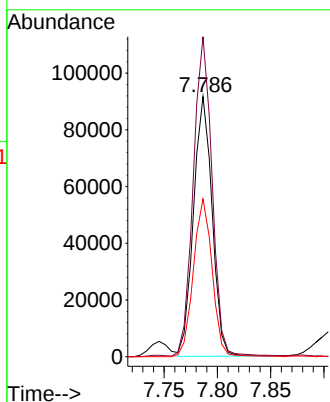
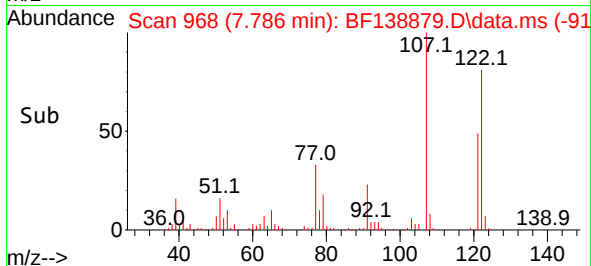
Tgt Ion:122 Resp: 111210
Ion Ratio Lower Upper
122 100
107 123.0 95.0 142.6
121 60.6 47.3 70.9

Manual Integrations

APPROVED

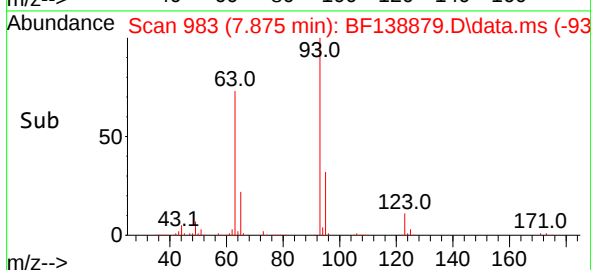
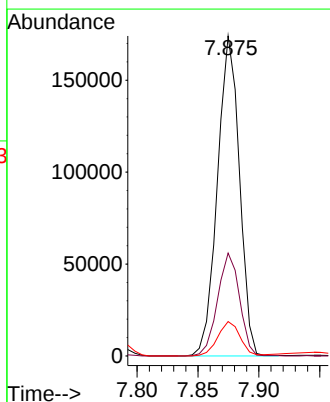
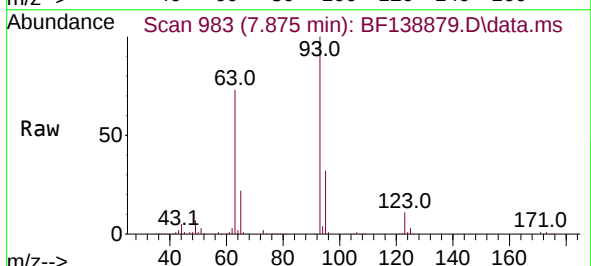
Reviewed By :Yogesh Patel 08/10/2024

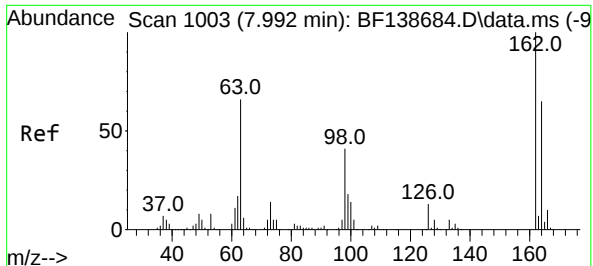
Supervised By :mohammad ahmed 08/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.796 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion: 93 Resp: 218905
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.240 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138879.D

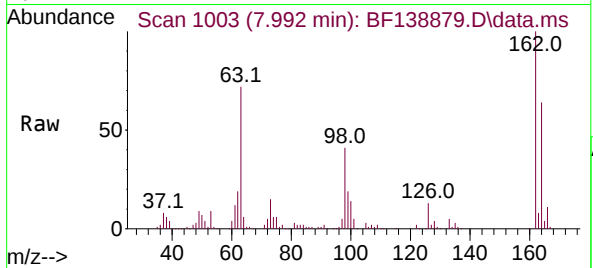
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 15062

Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

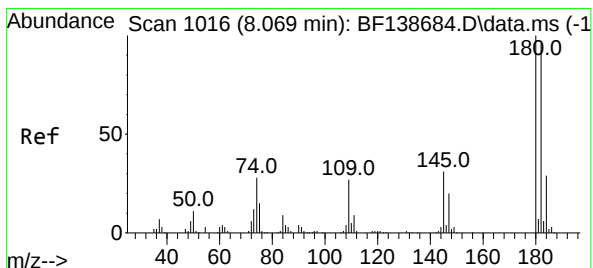
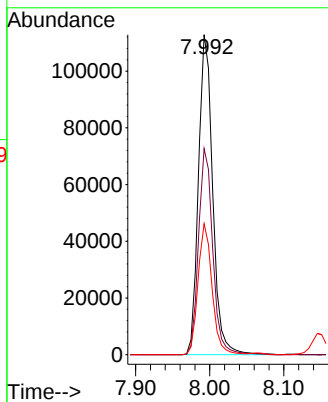
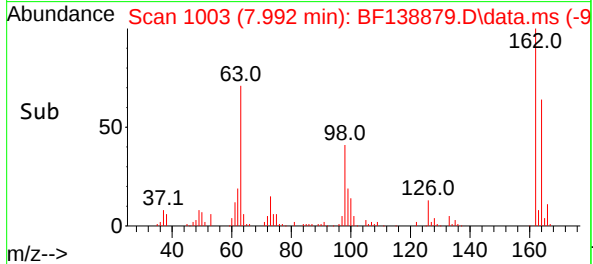
98 41.0 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.076 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

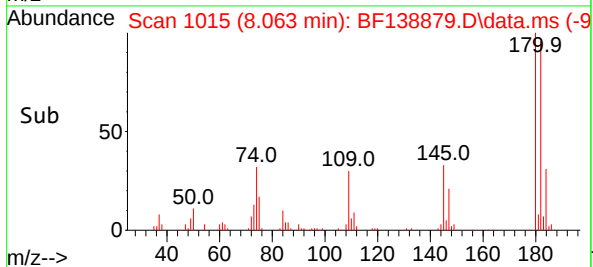
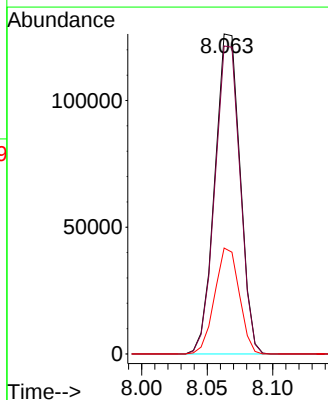
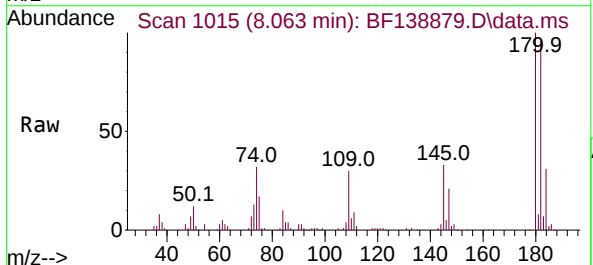
Tgt Ion:180 Resp: 168914

Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

145 33.1 25.0 37.4





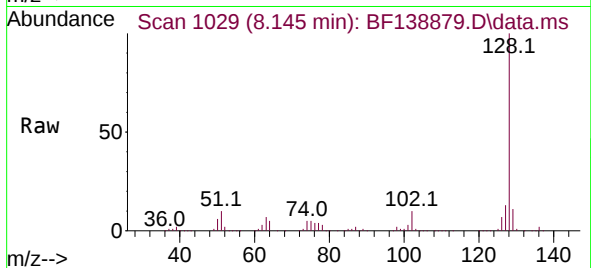
#31
Naphthalene
Concen: 39.667 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

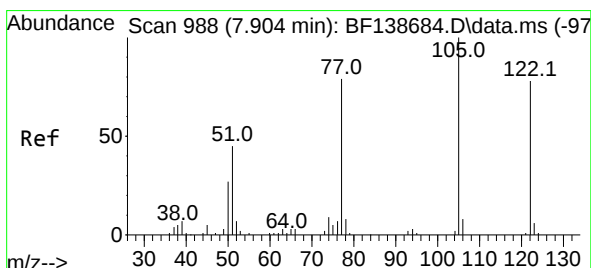
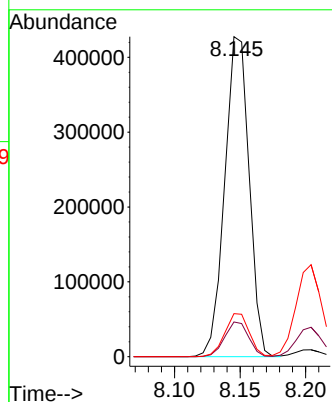
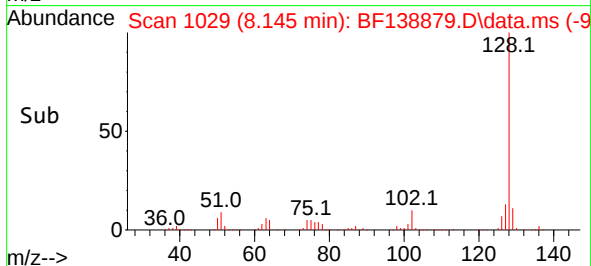


Tgt Ion:128 Resp: 553920
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.6 16.0

Manual Integrations

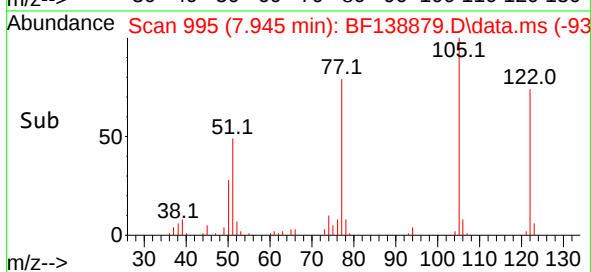
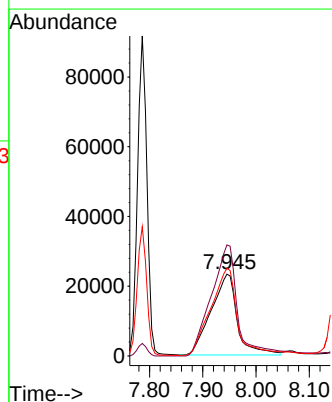
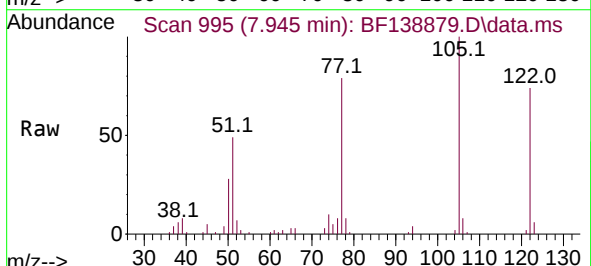
APPROVED

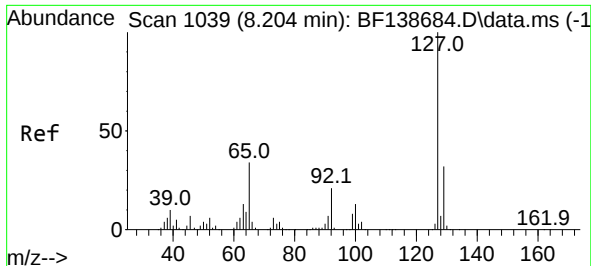
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#32
Benzoic acid
Concen: 35.363 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:122 Resp: 79011
Ion Ratio Lower Upper
122 100
105 135.9 106.7 146.7
77 107.2 81.1 121.1





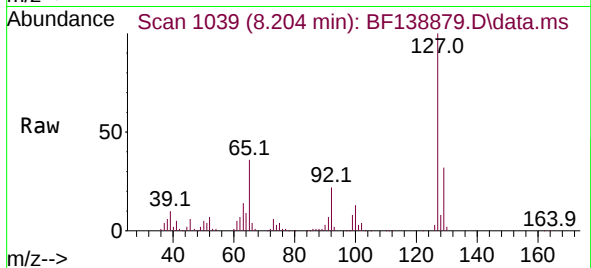
#33
4-Chloroaniline
Concen: 37.080 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



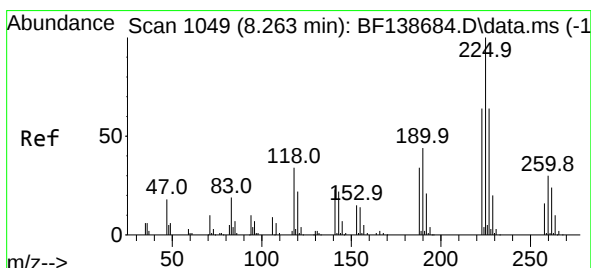
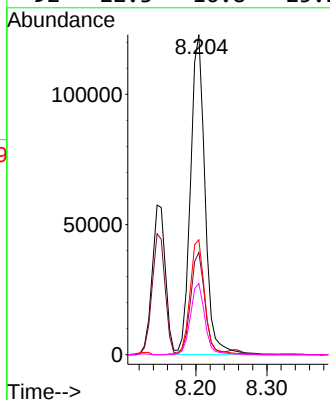
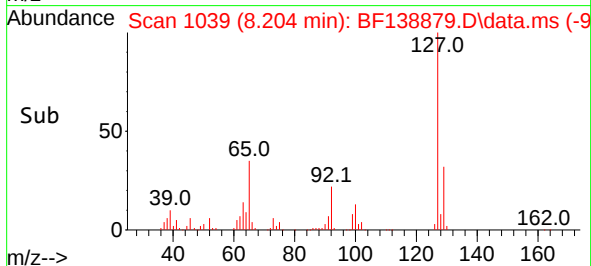
Tgt Ion:127 Resp: 17381
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 35.9 27.6 41.4
92 22.3 16.8 25.2

Manual Integrations

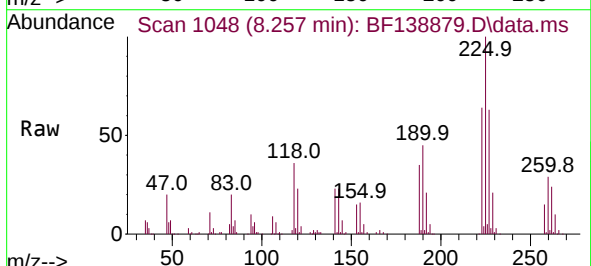
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

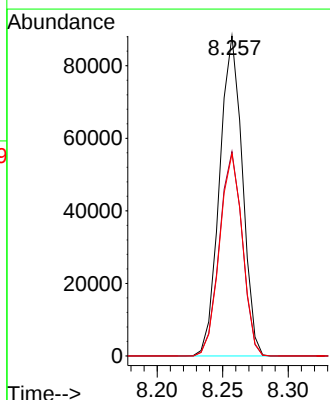
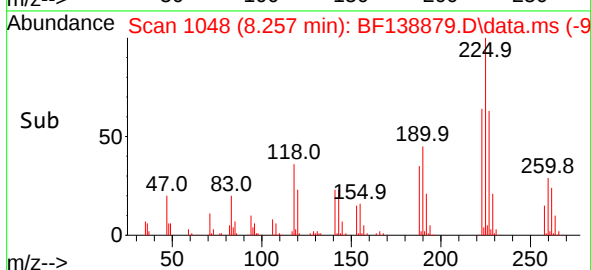
Supervised By :mohammad ahmed 08/12/2024

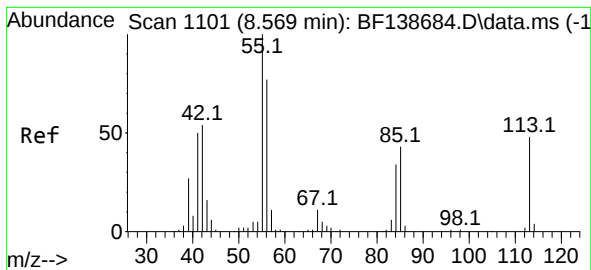


#34
Hexachlorobutadiene
Concen: 41.748 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:225 Resp: 106581
Ion Ratio Lower Upper
225 100
223 63.9 51.2 76.8
227 63.2 51.1 76.7





#35

Caprolactam

Concen: 42.020 ng m

RT: 8.598 min Scan# 1101

Delta R.T. 0.029 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

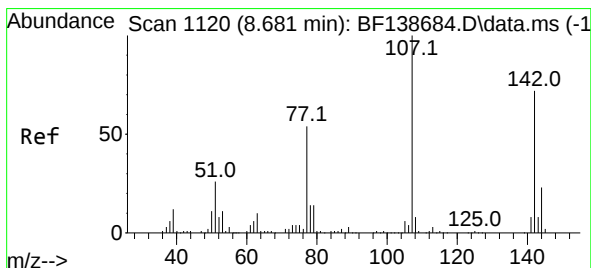
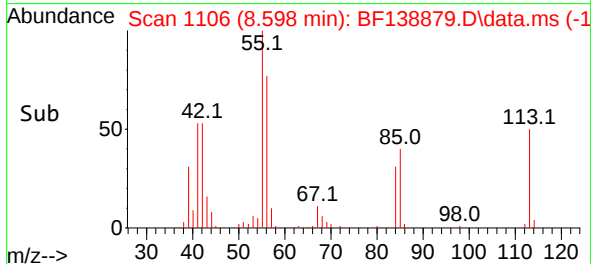
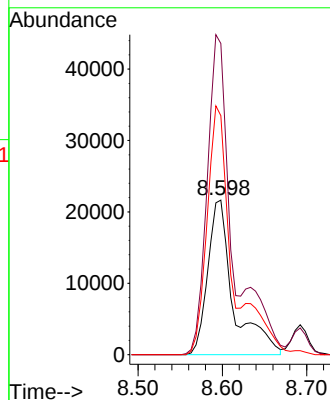
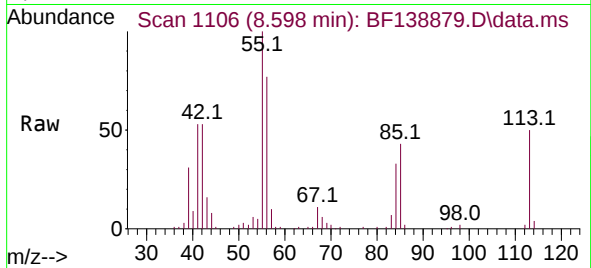
Tgt Ion:	113	Resp:	45794
Ion Ratio	Lower	Upper	
113	100		
55	201.3	186.7	226.7
56	154.6	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#36

4-Chloro-3-methylphenol

Concen: 41.980 ng

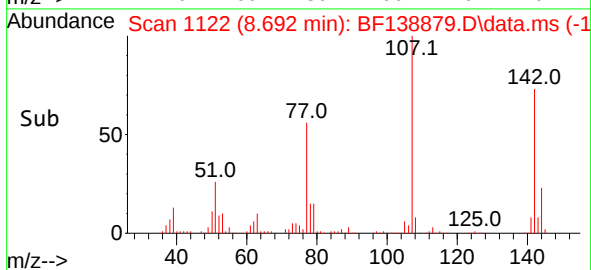
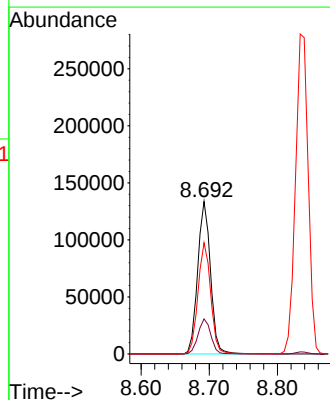
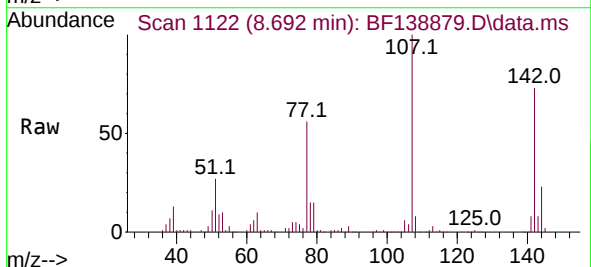
RT: 8.692 min Scan# 1122

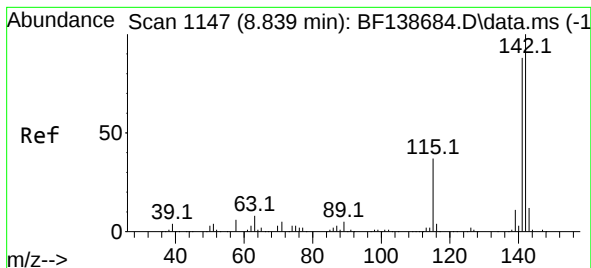
Delta R.T. 0.012 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Tgt Ion:	107	Resp:	175226
Ion Ratio	Lower	Upper	
107	100		
144	23.0	18.2	27.2
142	72.9	57.4	86.2





#37

2-Methylnaphthalene

Concen: 41.211 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 363449

Ion Ratio Lower Upper

142 100

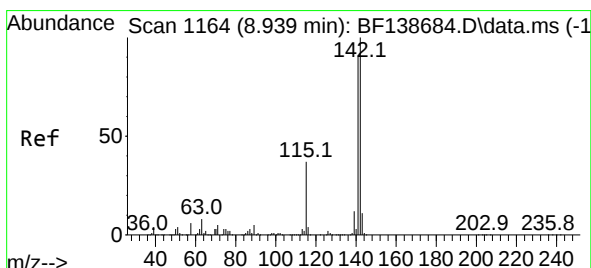
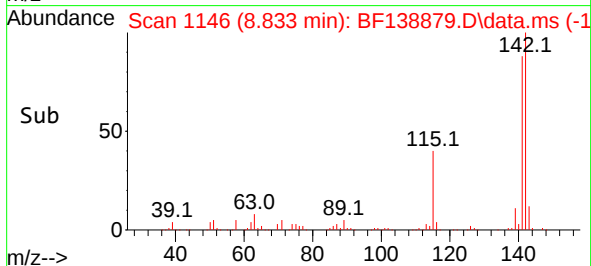
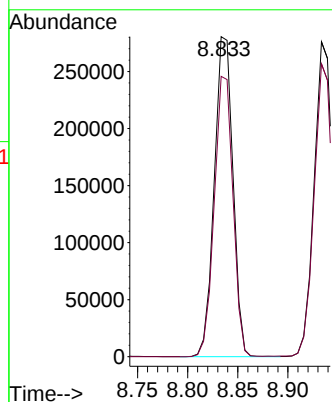
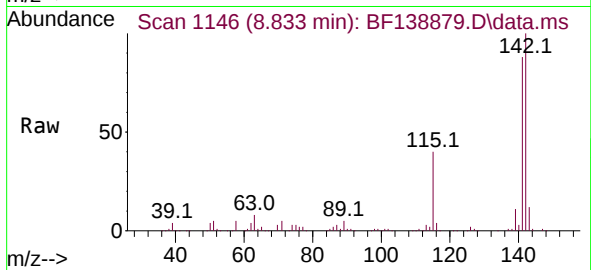
141 87.6 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#38

1-Methylnaphthalene

Concen: 40.707 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138879.D

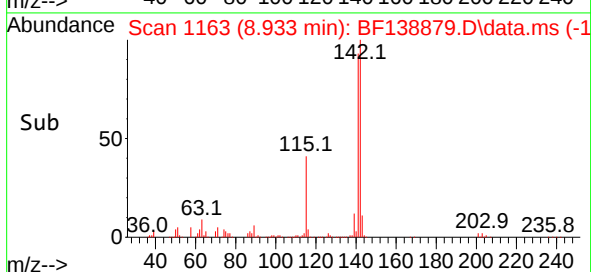
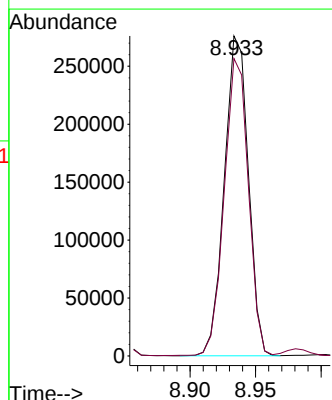
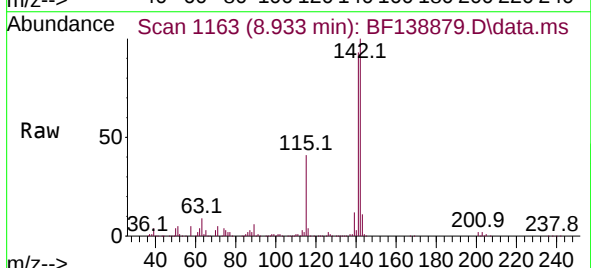
Acq: 09 Aug 2024 09:48

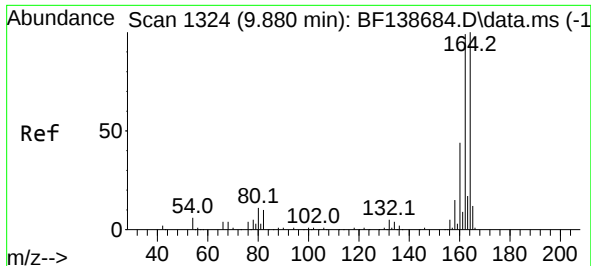
Tgt Ion:142 Resp: 351793

Ion Ratio Lower Upper

142 100

141 93.0 73.1 109.7





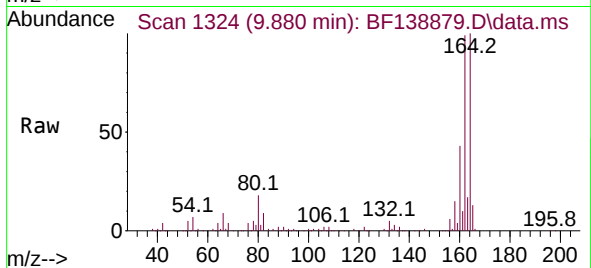
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

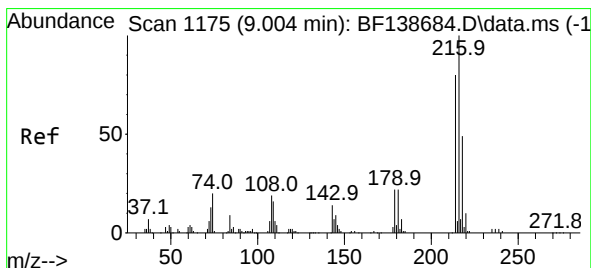
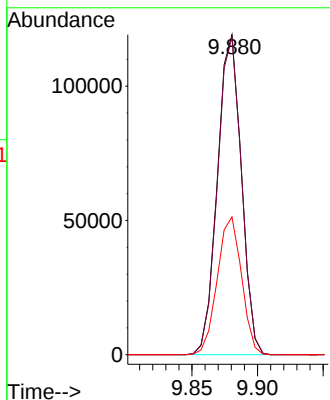
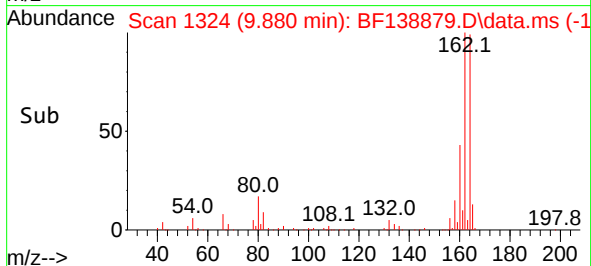
SSTDCCC040



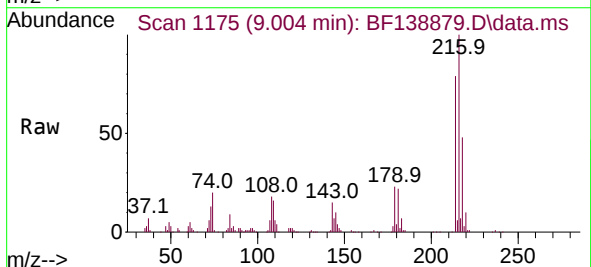
Tgt Ion:164 Resp: 151080
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 43.1 35.1 52.7

Manual Integrations
APPROVED

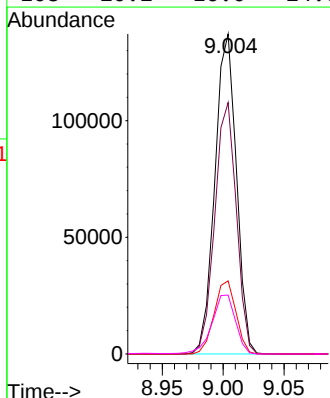
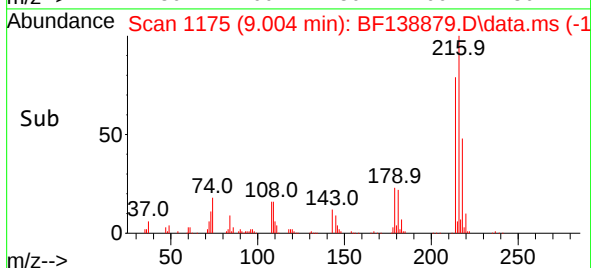
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.151 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:216 Resp: 168508
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 23.2 17.8 26.6
108 20.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 48.979 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

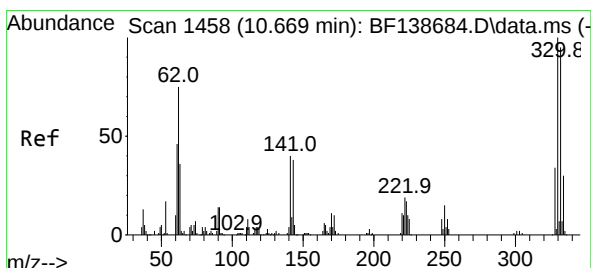
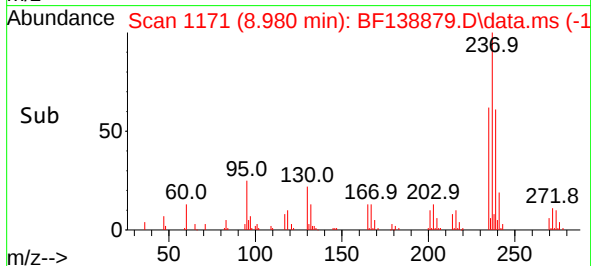
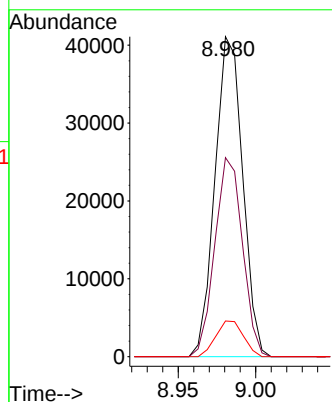
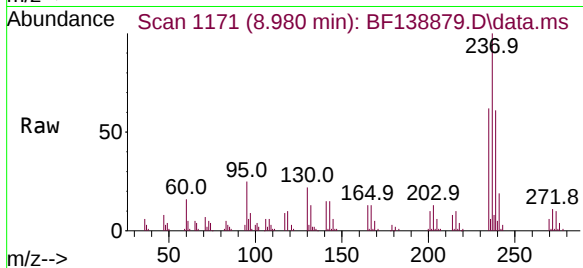
SSTDCCC040

Tgt Ion:237 Resp: 5112
Ion Ratio Lower Upper
237 100
235 62.2 41.8 81.8
272 11.1 0.0 32.2

Manual Integrations

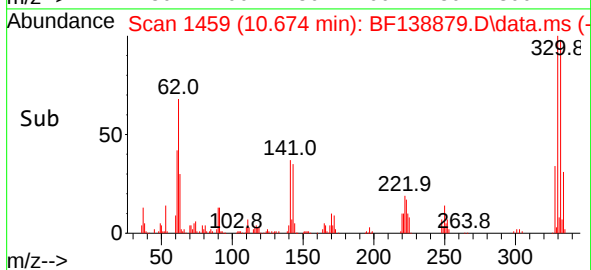
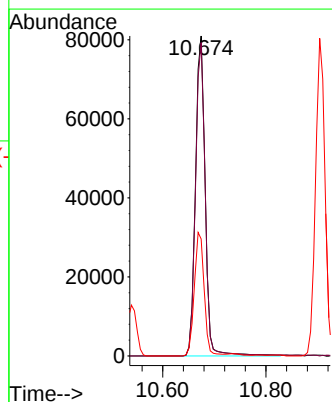
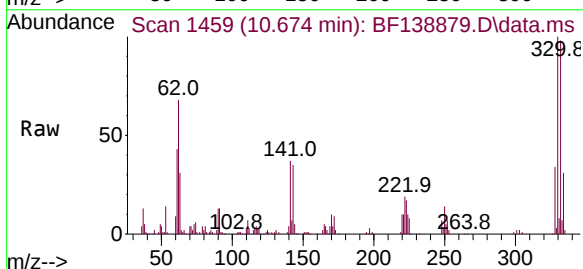
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#42
2,4,6-Tribromophenol
Concen: 85.652 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

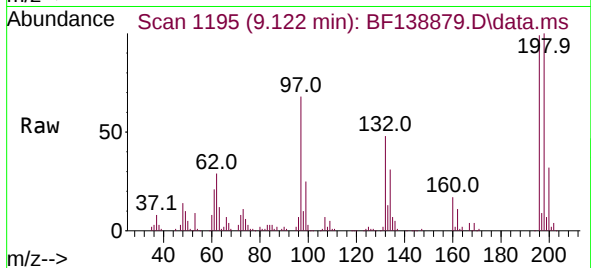
Tgt Ion:330 Resp: 105999
Ion Ratio Lower Upper
330 100
332 97.6 76.4 114.6
141 39.3 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 39.044 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

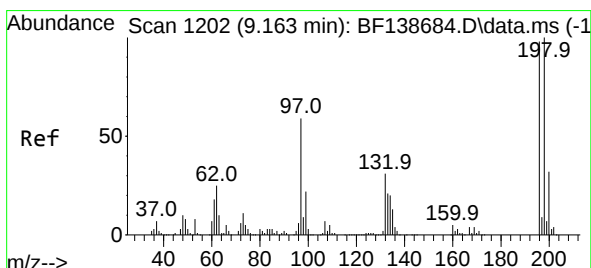
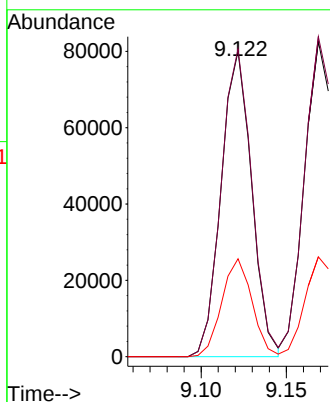
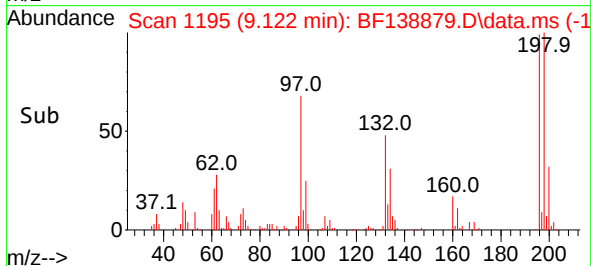
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



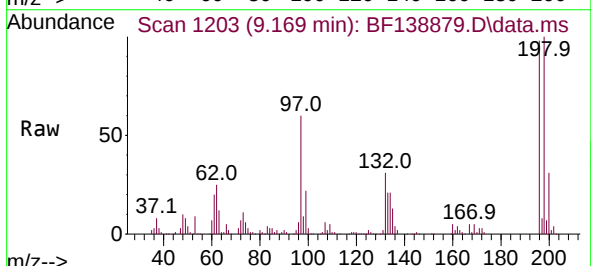
Tgt Ion:196 Resp: 99909
Ion Ratio Lower Upper
196 100
198 100.8 80.5 120.7
200 32.1 25.9 38.9

Manual Integrations
APPROVED

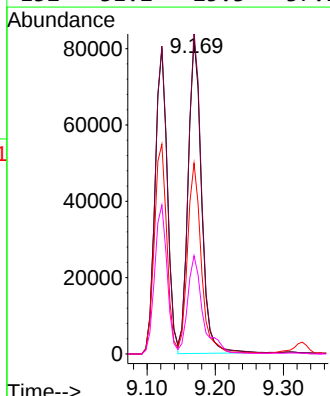
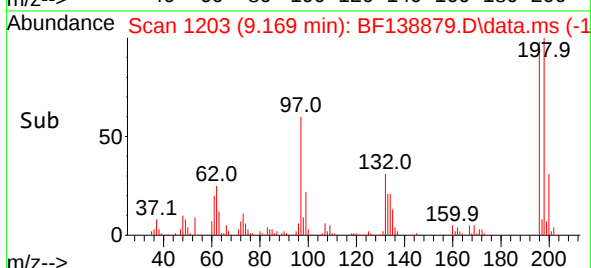
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

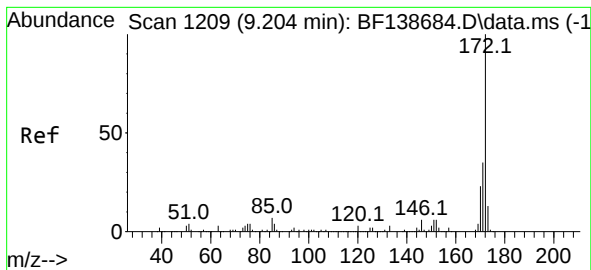


#44
2,4,5-Trichlorophenol
Concen: 39.672 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:196 Resp: 110978
Ion Ratio Lower Upper
196 100
198 101.5 81.2 121.8
97 60.5 47.8 71.6
132 31.2 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 82.084 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

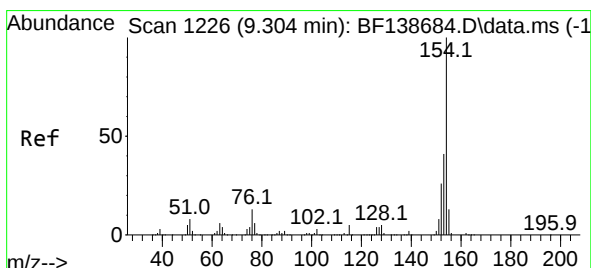
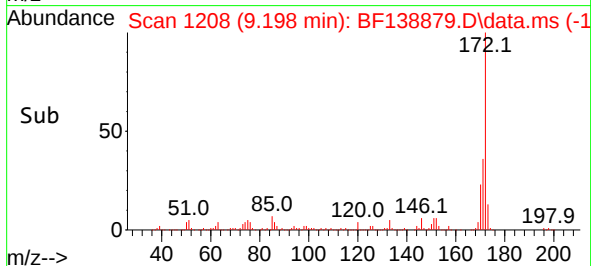
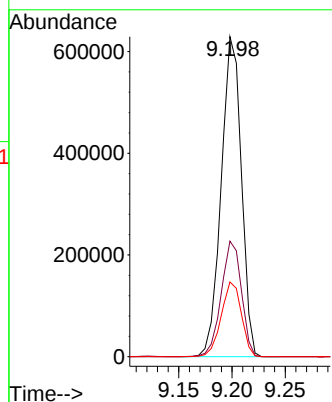
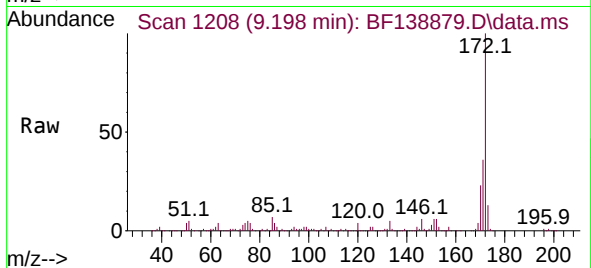
SSTDCCC040

Tgt Ion:172 Resp: 825374
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.4 18.8 28.2

Manual Integrations

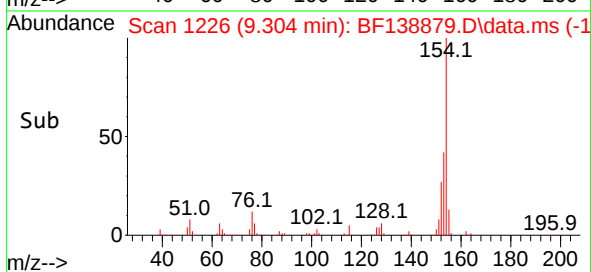
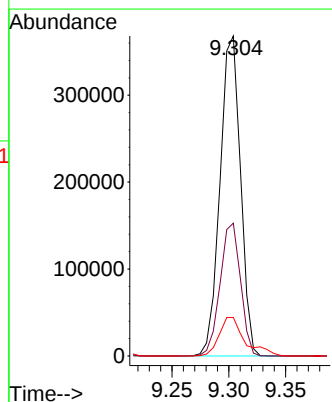
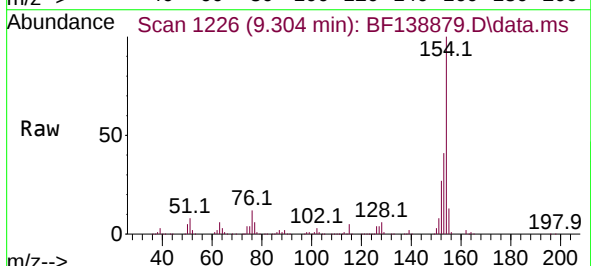
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#46
1,1'-Biphenyl
Concen: 39.023 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:154 Resp: 461730
Ion Ratio Lower Upper
154 100
153 41.5 20.8 60.8
76 12.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.064 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

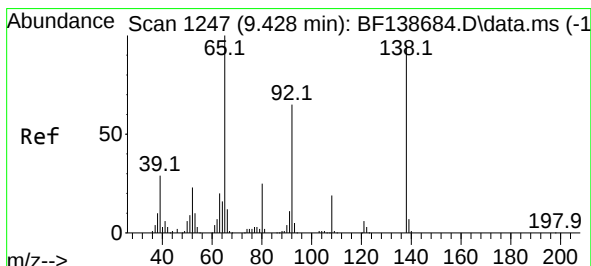
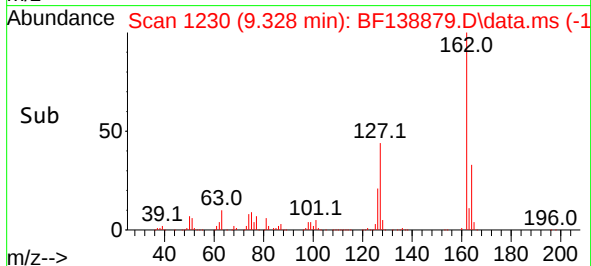
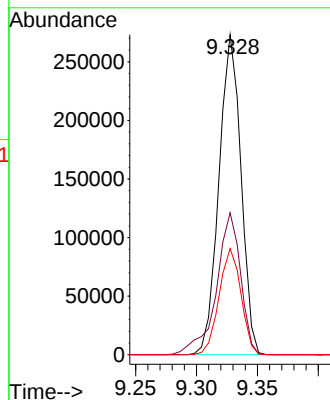
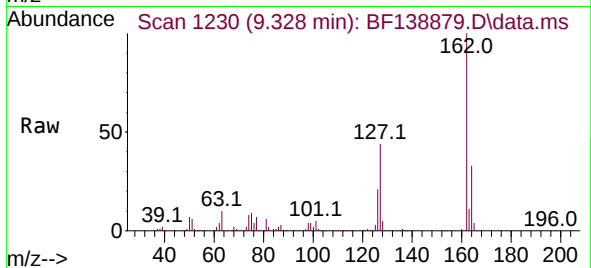
Tgt Ion:162 Resp: 343772
 Ion Ratio Lower Upper
 162 100
 127 44.4 35.4 53.2
 164 33.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#48

2-Nitroaniline

Concen: 40.306 ng

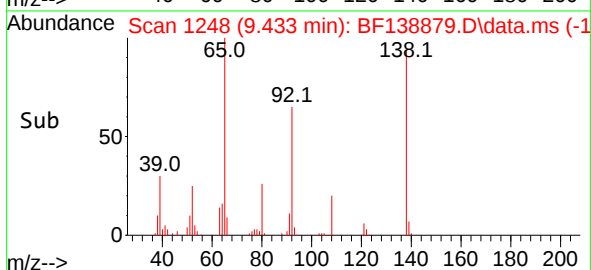
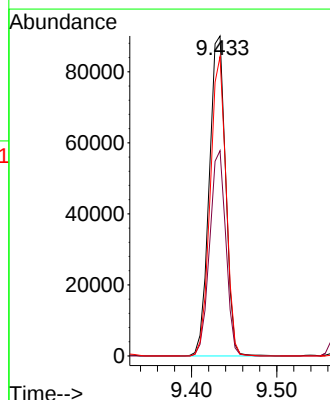
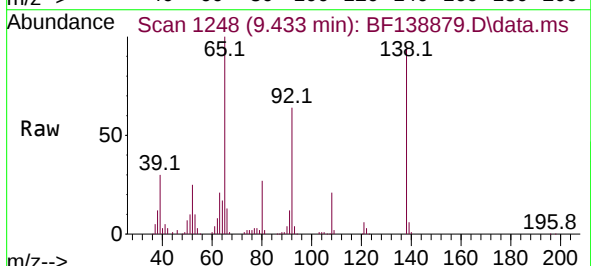
RT: 9.433 min Scan# 1248

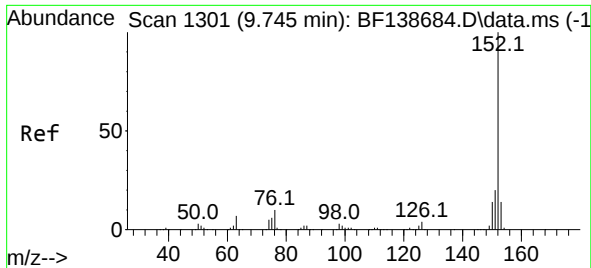
Delta R.T. 0.006 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Tgt Ion: 65 Resp: 120246
 Ion Ratio Lower Upper
 65 100
 92 64.2 52.0 78.0
 138 93.6 76.2 114.4





#49
Acenaphthylene
Concen: 39.295 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

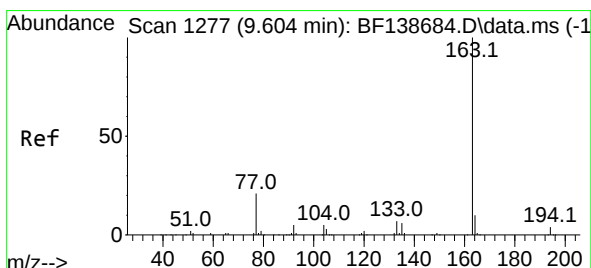
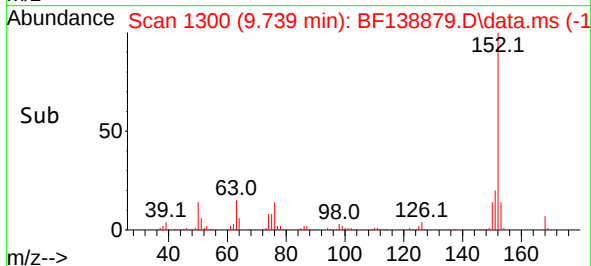
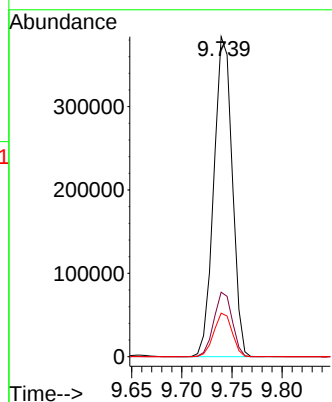
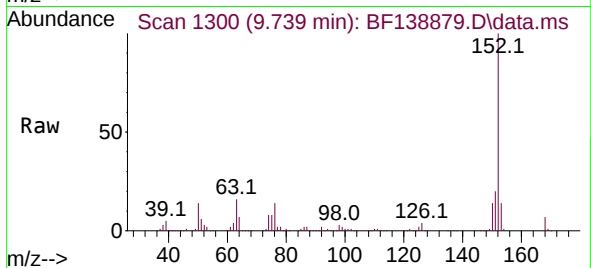
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 49045
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.6 11.0 16.4

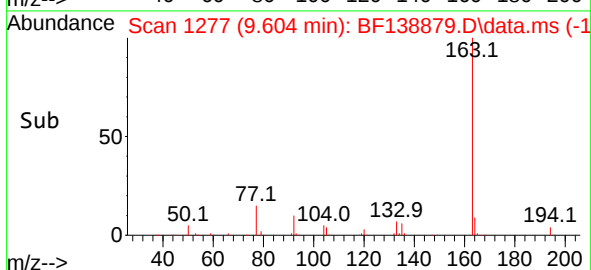
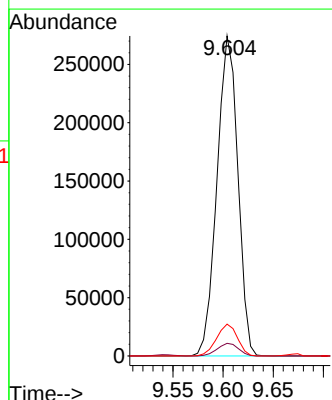
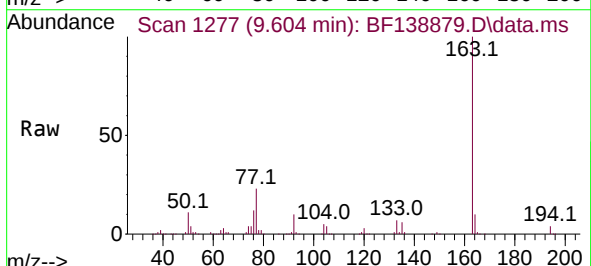
Manual Integrations
APPROVED

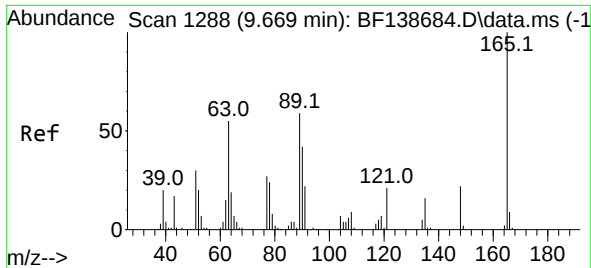
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#50
Dimethylphthalate
Concen: 41.104 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:163 Resp: 397073
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 7.8 11.8





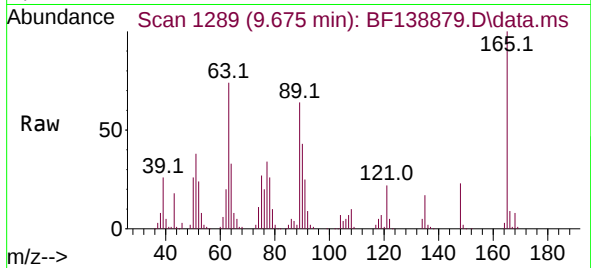
#51
2,6-Dinitrotoluene
Concen: 41.164 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

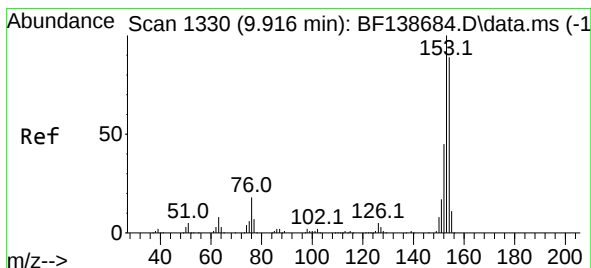
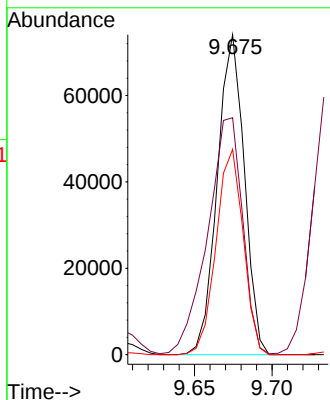
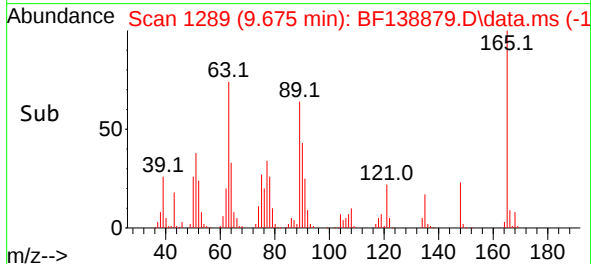


Tgt Ion:165 Resp: 89744
Ion Ratio Lower Upper
165 100
63 74.1 52.0 78.0
89 64.2 47.0 70.6

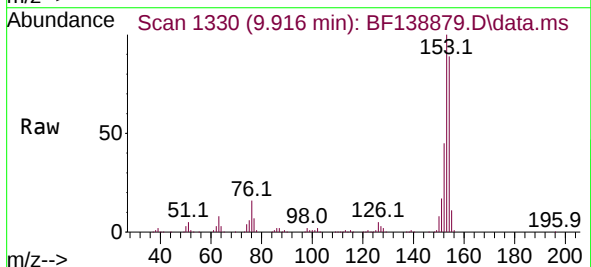
Manual Integrations

APPROVED

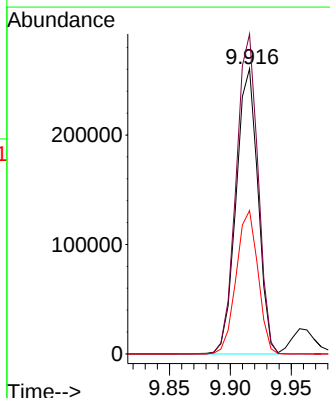
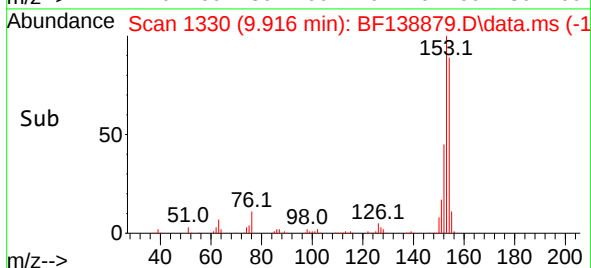
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

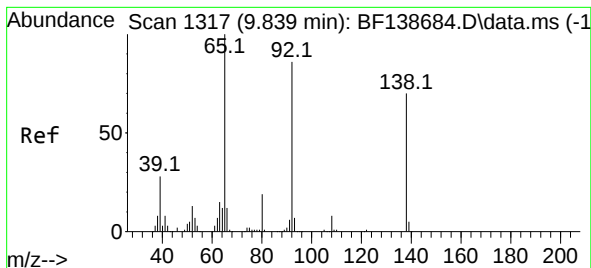


#52
Acenaphthene
Concen: 38.933 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:154 Resp: 326651
Ion Ratio Lower Upper
154 100
153 112.2 89.9 134.9
152 50.3 40.6 60.8





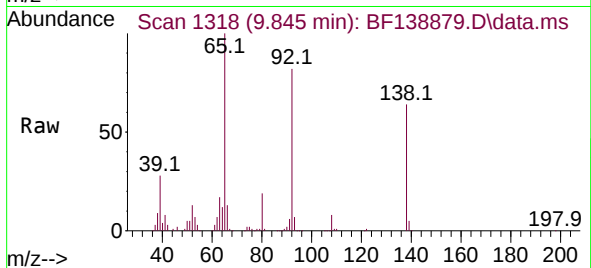
#53
3-Nitroaniline
Concen: 39.833 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



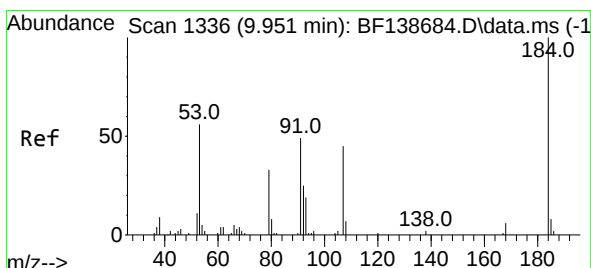
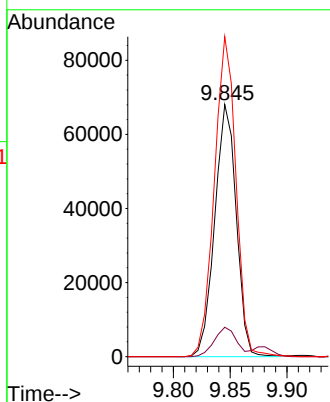
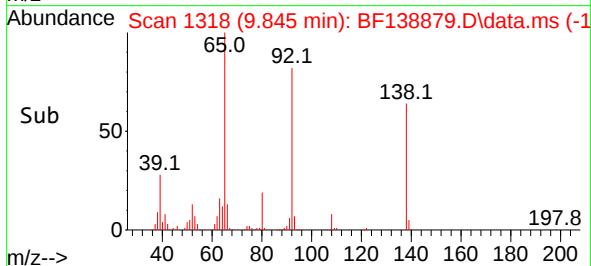
Tgt Ion:138 Resp: 89775
Ion Ratio Lower Upper
138 100
108 11.7 9.1 13.7
92 126.9 98.7 148.1

Manual Integrations

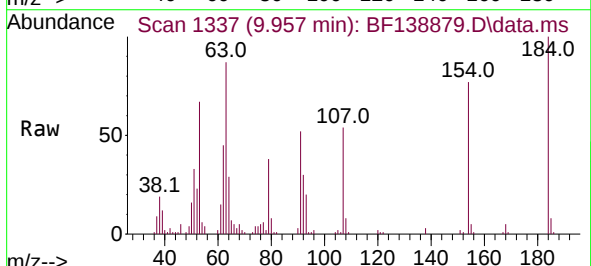
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

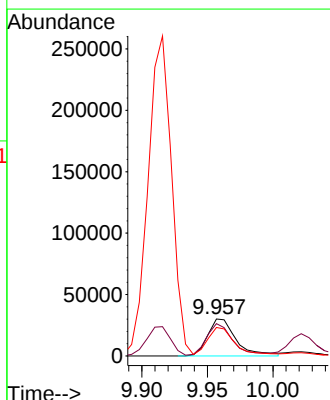
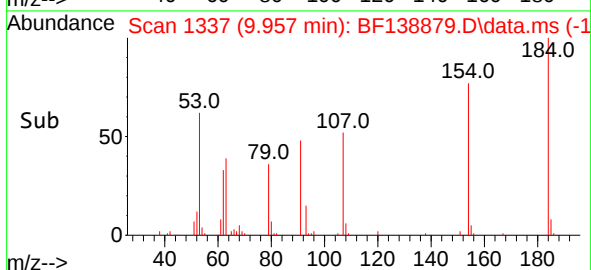
Supervised By :mohammad ahmed 08/12/2024



#54
2,4-Dinitrophenol
Concen: 45.240 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:184 Resp: 45402
Ion Ratio Lower Upper
184 100
63 87.4 57.5 86.3#
154 77.0 51.7 77.5





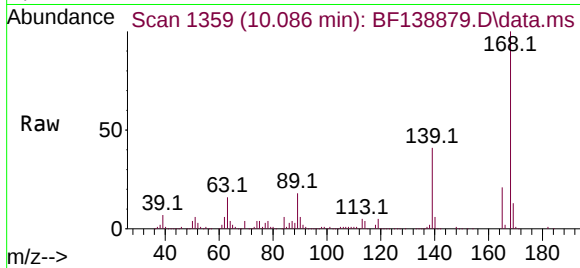
#55
Dibenzofuran
Concen: 40.270 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

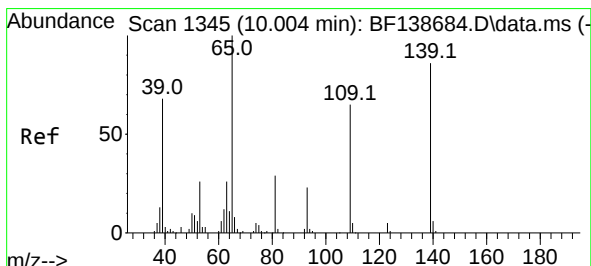
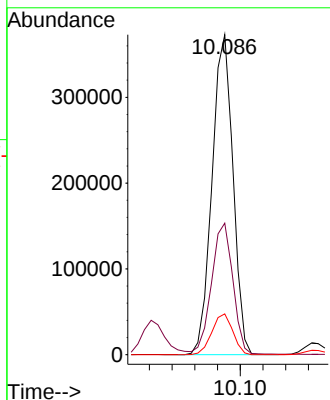
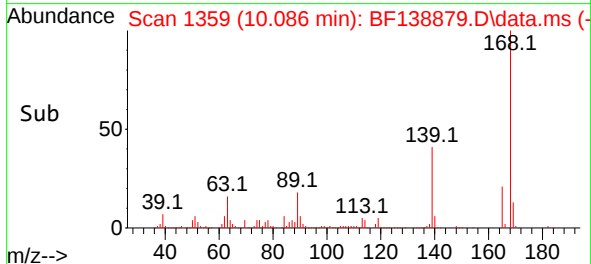


Tgt Ion:168 Resp: 476930
Ion Ratio Lower Upper
168 100
139 41.1 32.6 49.0
169 12.7 10.7 16.1

Manual Integrations

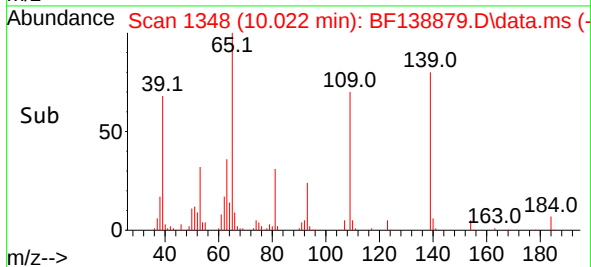
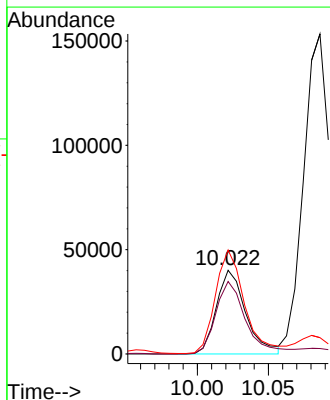
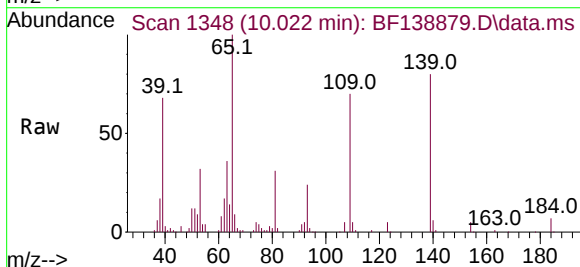
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#56
4-Nitrophenol
Concen: 42.666 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:139 Resp: 57826
Ion Ratio Lower Upper
139 100
109 86.6 55.5 95.5
65 124.3 96.7 136.7





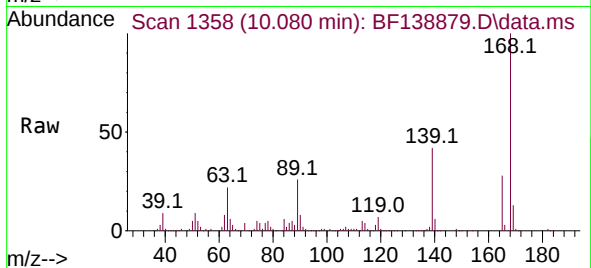
#57
2,4-Dinitrotoluene
Concen: 43.181 ng
RT: 10.080 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



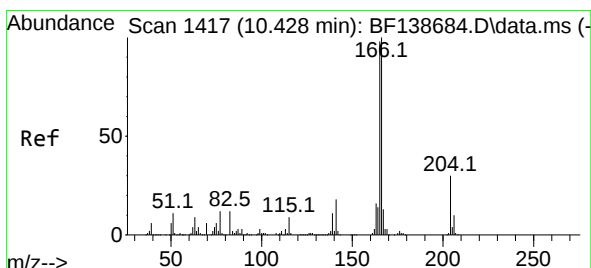
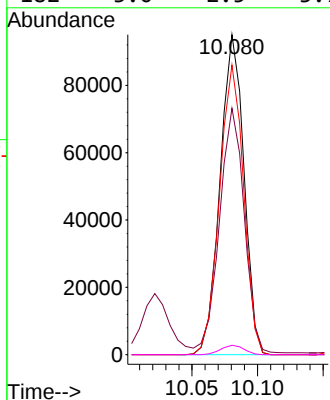
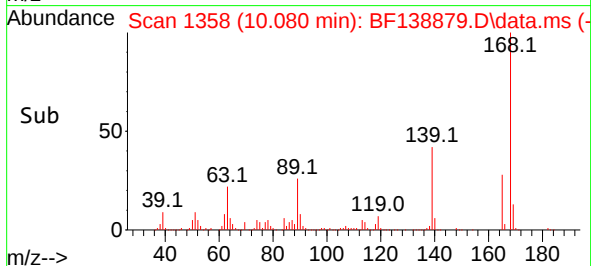
Tgt Ion:165 Resp: 12010
Ion Ratio Lower Upper
165 100
63 77.0 46.3 69.5
89 90.5 64.2 96.4
182 3.0 2.5 3.7

Manual Integrations

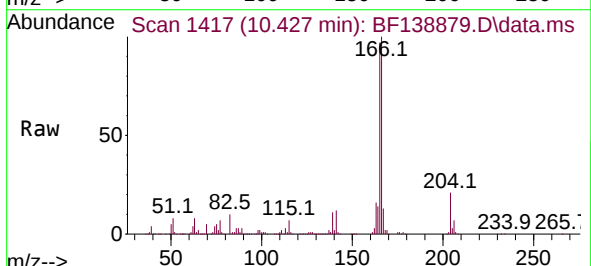
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

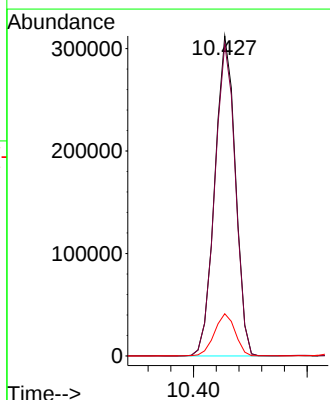
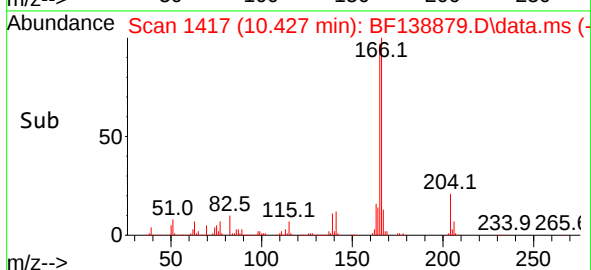
Supervised By :mohammad ahmed 08/12/2024



#58
Fluorene
Concen: 41.585 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



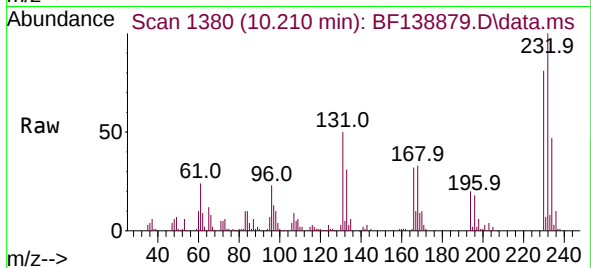
Tgt Ion:166 Resp: 392206
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.037 ng m
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

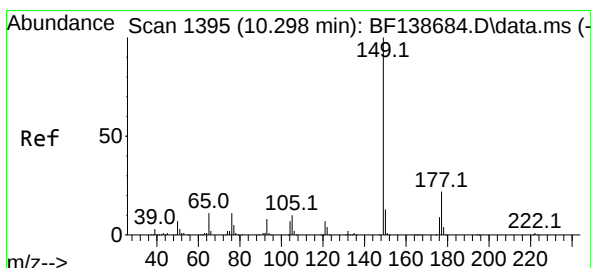
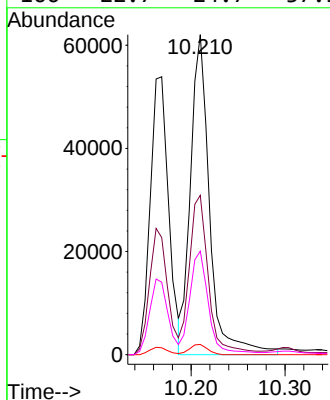
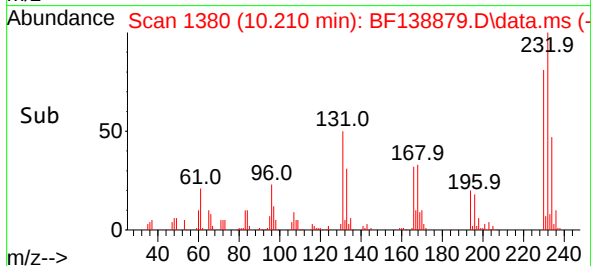
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



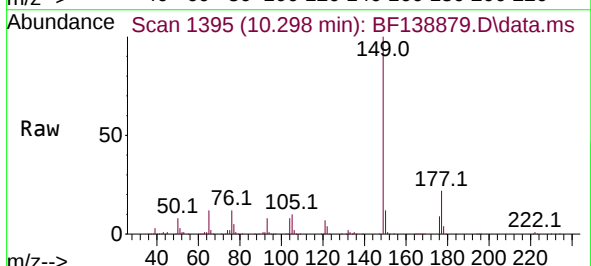
Tgt Ion:232 Resp: 87762
Ion Ratio Lower Upper
232 100
131 37.2 37.0 55.4
130 2.2 2.0 3.0
166 22.7 24.7 37.1#

Manual Integrations
APPROVED

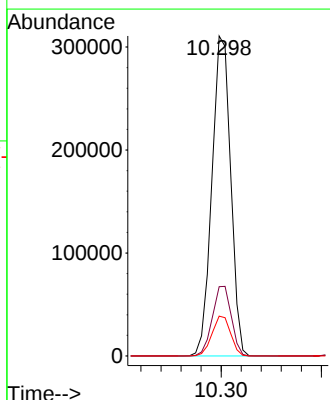
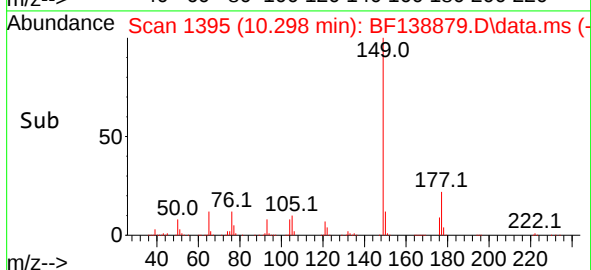
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

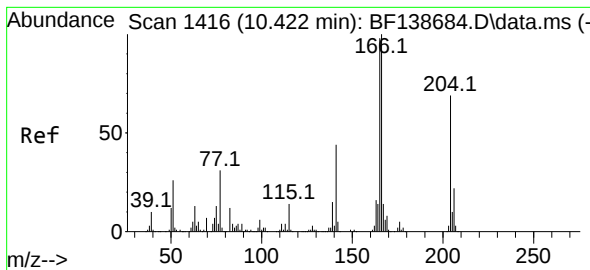


#60
Diethylphthalate
Concen: 43.927 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:149 Resp: 402355
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.4 10.1 15.1





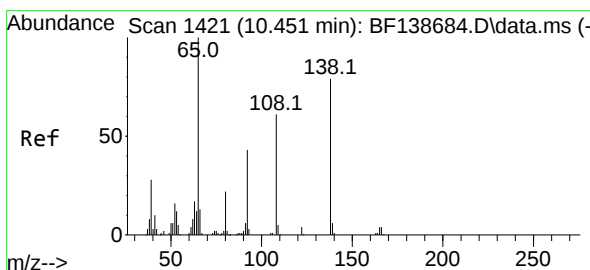
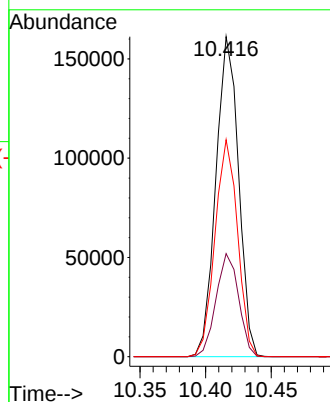
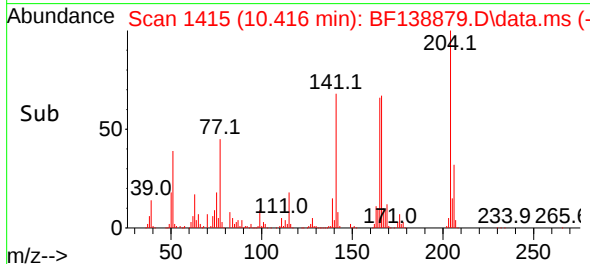
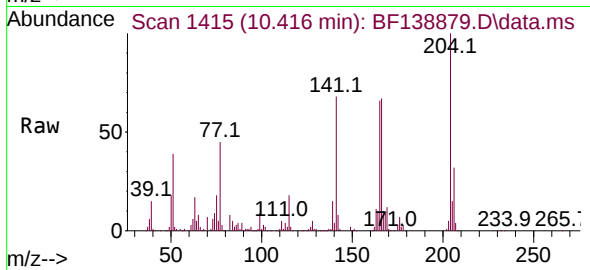
#61
4-Chlorophenyl-phenylether
Concen: 41.737 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 193590
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 67.8 51.4 77.0

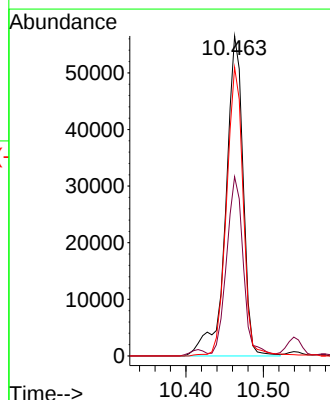
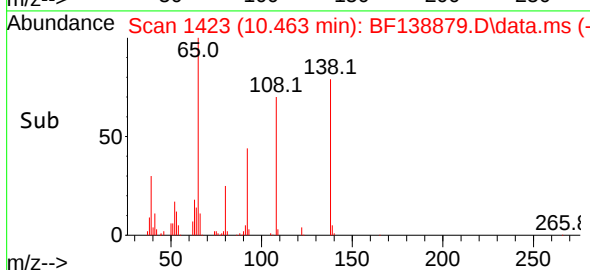
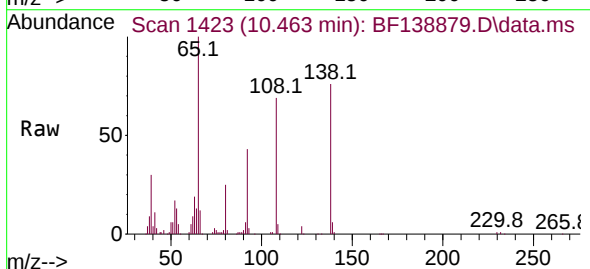
Manual Integrations
APPROVED

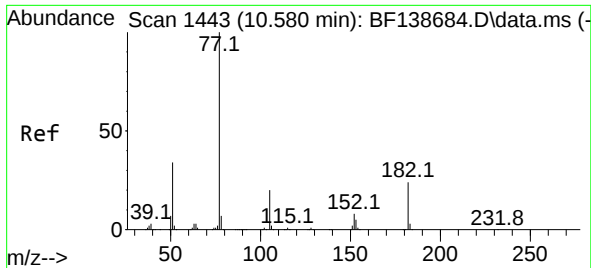
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#62
4-Nitroaniline
Concen: 41.114 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:138 Resp: 88058
Ion Ratio Lower Upper
138 100
92 56.0 34.2 74.2
108 90.2 56.2 96.2





#63
Azobenzene
Concen: 40.571 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

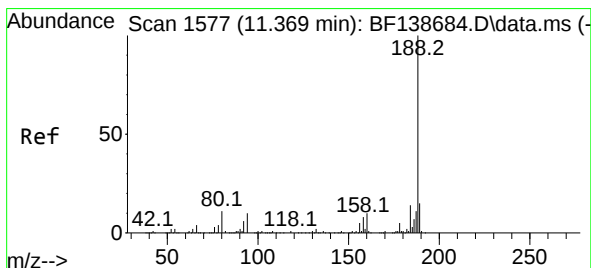
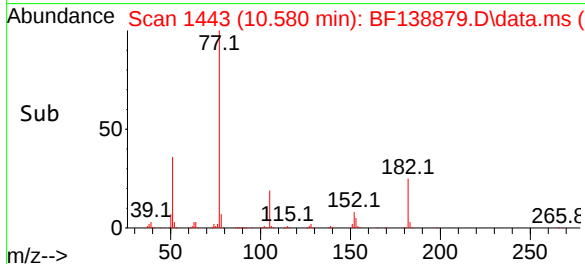
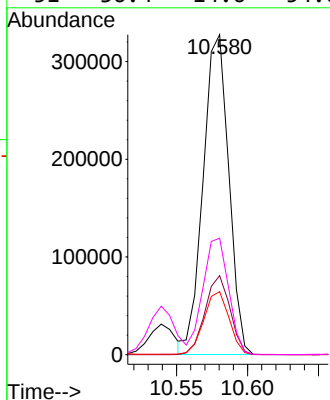
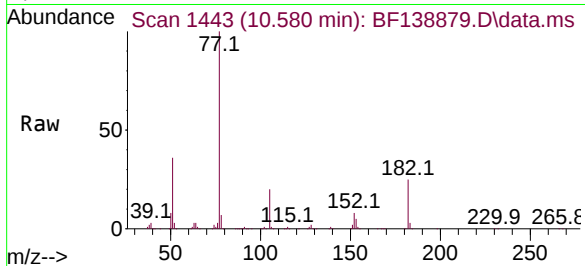
SSTDCCC040

Tgt Ion: 77 Resp: 412159
Ion Ratio Lower Upper
77 100
182 24.7 3.4 43.4
105 19.7 0.2 40.2
51 36.4 14.6 54.6

Manual Integrations

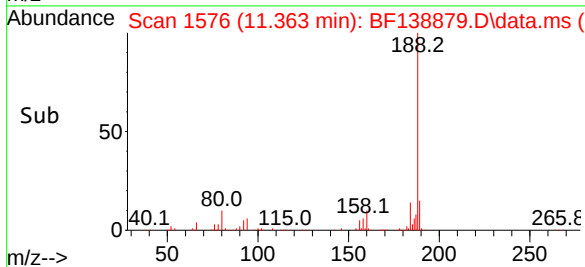
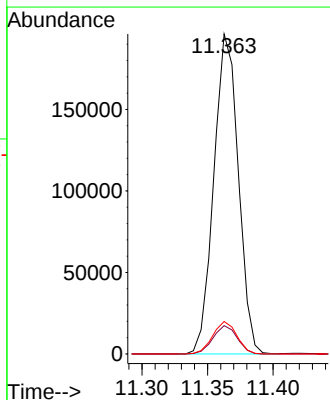
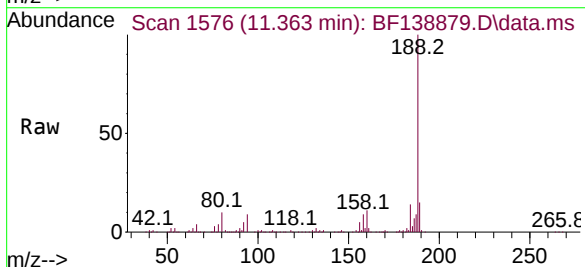
APPROVED

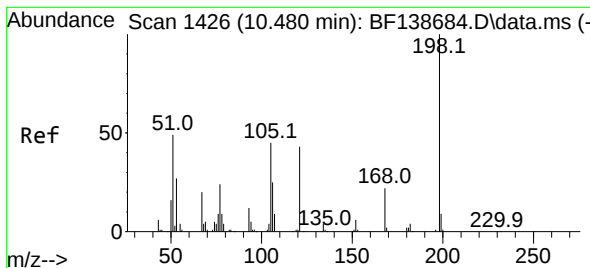
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:188 Resp: 254940
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 10.2 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 41.494 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

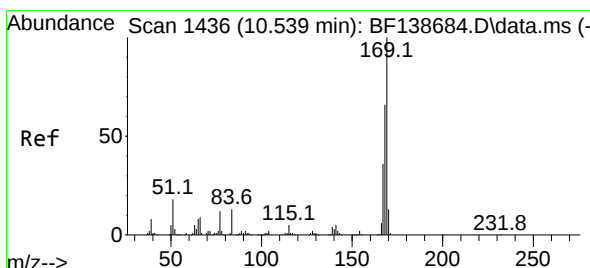
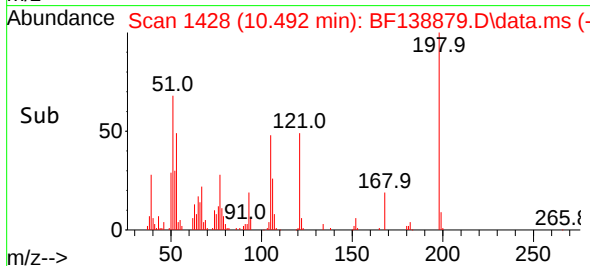
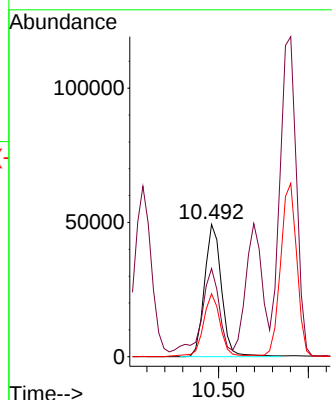
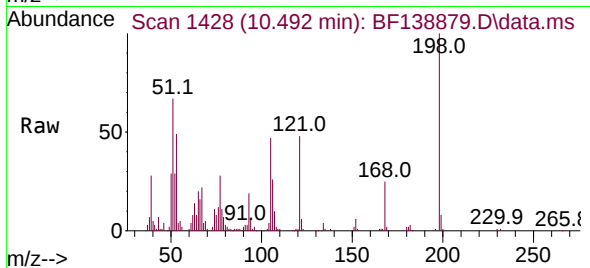
SSTDCCC040

Tgt Ion:198 Resp: 64538
Ion Ratio Lower Upper
198 100
51 66.7 39.9 79.9
105 47.4 26.1 66.1

Manual Integrations

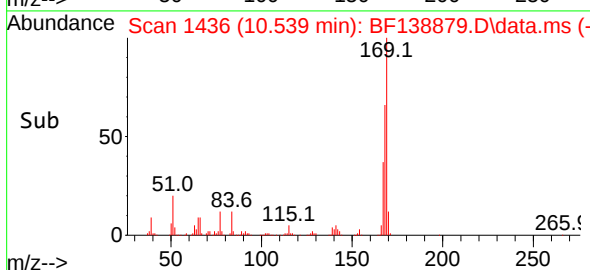
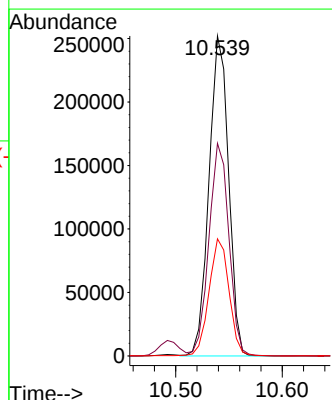
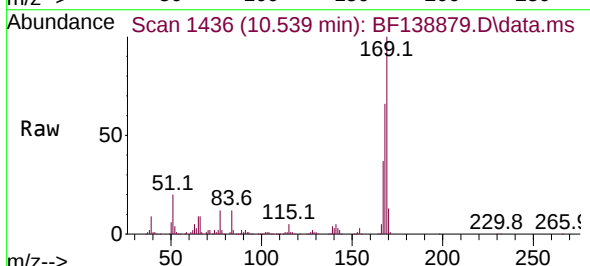
APPROVED

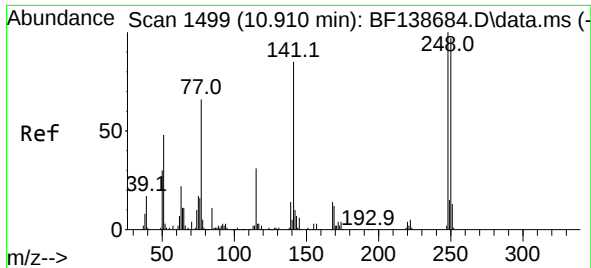
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#66
n-Nitrosodiphenylamine
Concen: 40.327 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

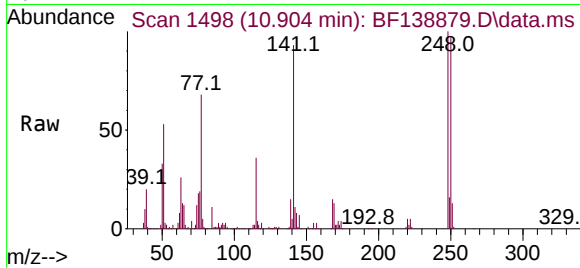
Tgt Ion:169 Resp: 321358
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.221 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

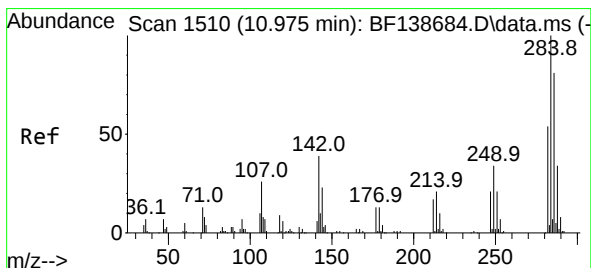
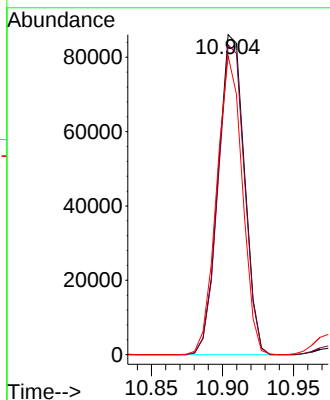
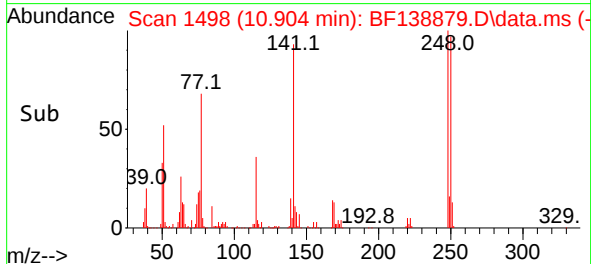
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



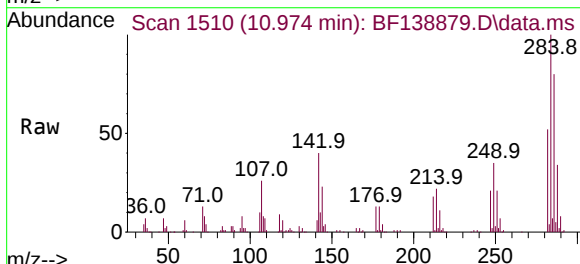
Tgt Ion:248 Resp: 111018
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 93.4 68.0 102.0

Manual Integrations
APPROVED

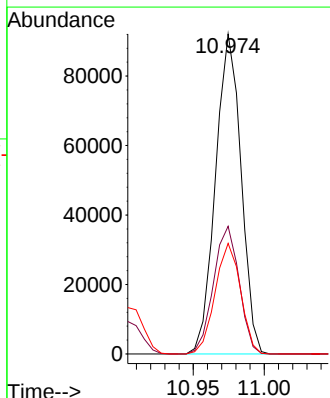
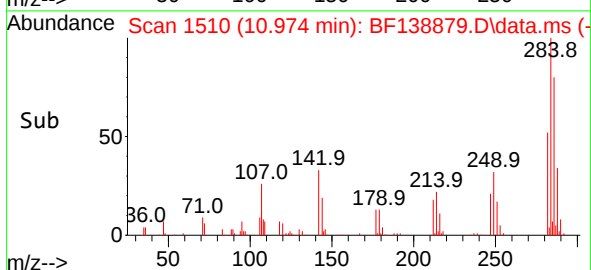
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#68
Hexachlorobenzene
Concen: 40.333 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:284 Resp: 114946
Ion Ratio Lower Upper
284 100
142 39.9 31.3 46.9
249 34.5 27.2 40.8





#69

Atrazine

Concen: 38.753 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

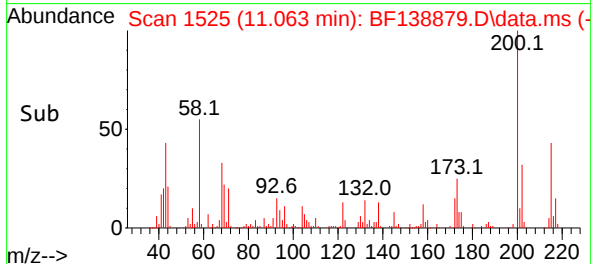
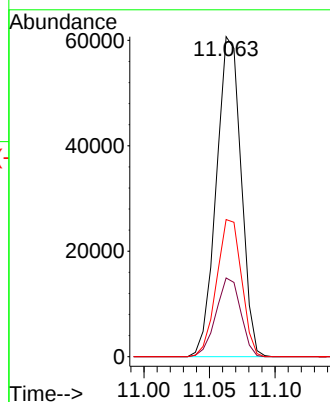
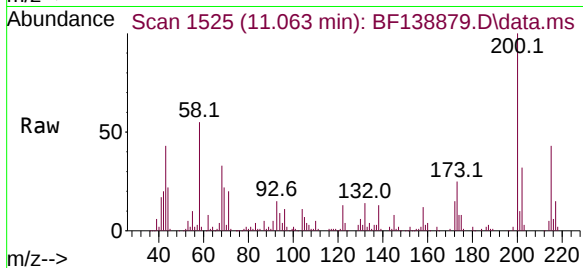
Tgt Ion:200 Resp: 79675
 Ion Ratio Lower Upper
 200 100
 173 24.6 6.0 46.0
 215 42.8 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#70

Pentachlorophenol

Concen: 45.355 ng

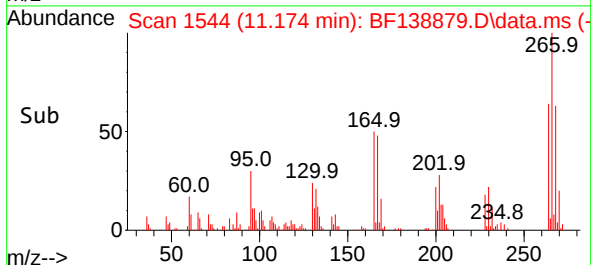
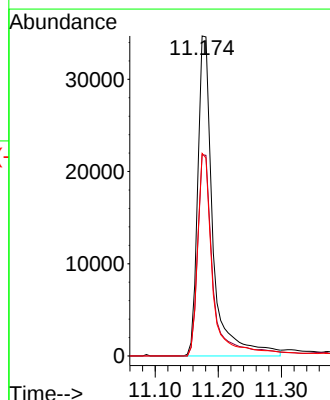
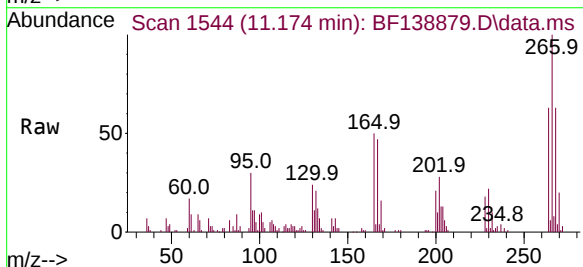
RT: 11.174 min Scan# 1544

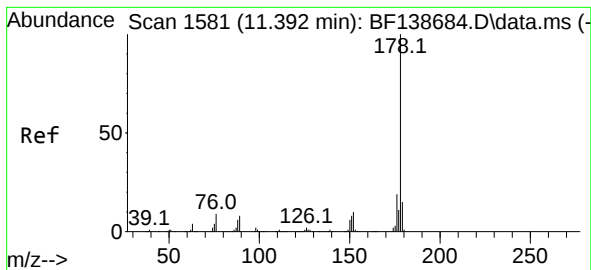
Delta R.T. -0.001 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

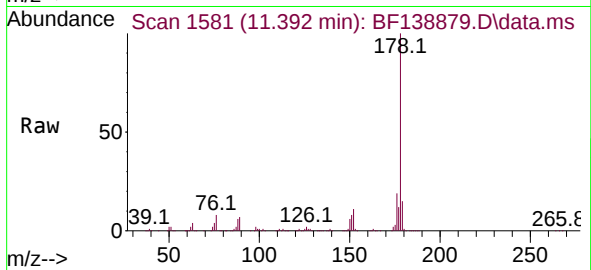
Tgt Ion:266 Resp: 58263
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.2 73.8
 264 63.3 49.8 74.6





#71
Phenanthrene
Concen: 40.124 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

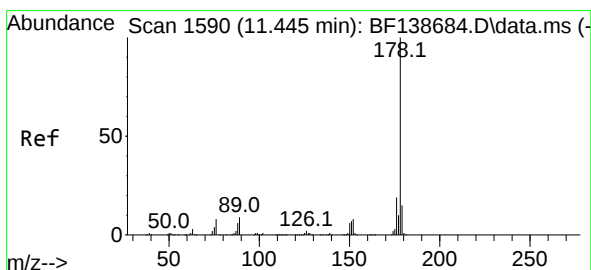
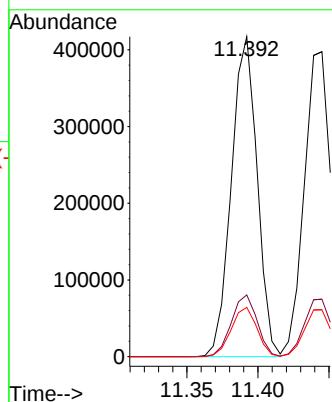
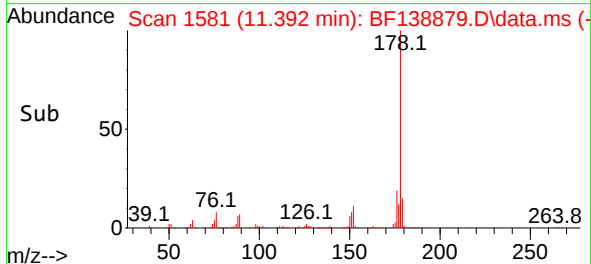
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 526719
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.2 18.2

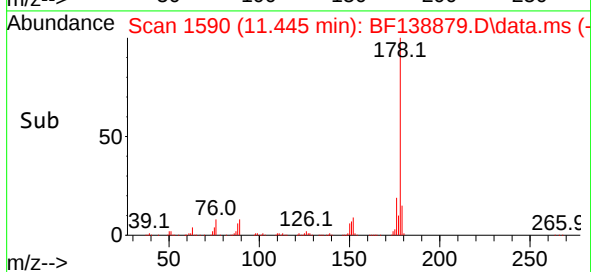
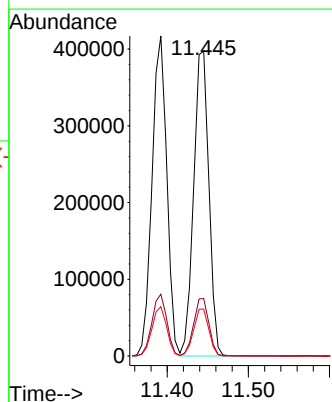
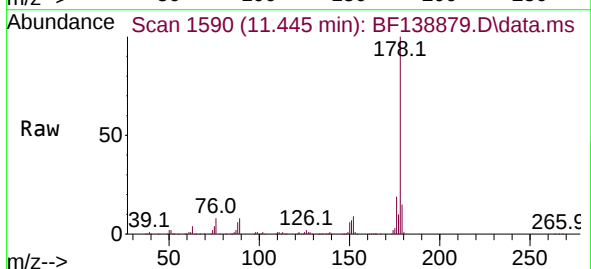
Manual Integrations
APPROVED

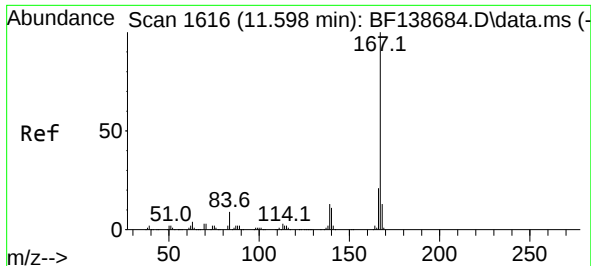
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#72
Anthracene
Concen: 40.206 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:178 Resp: 519957
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.4 12.4 18.6





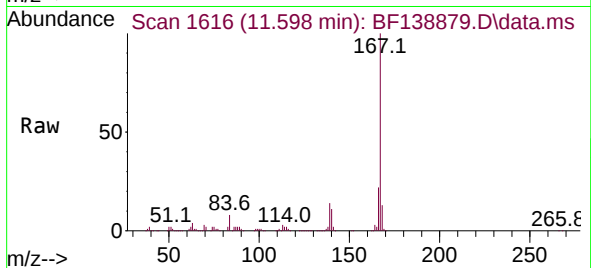
#73
 Carbazole
 Concen: 41.459 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138879.D
 Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



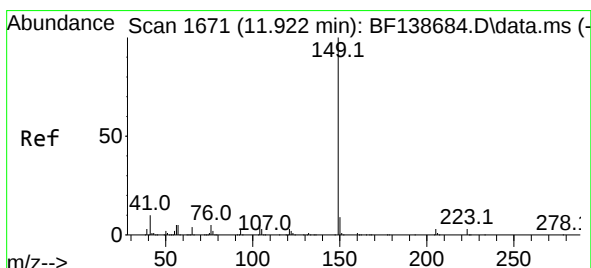
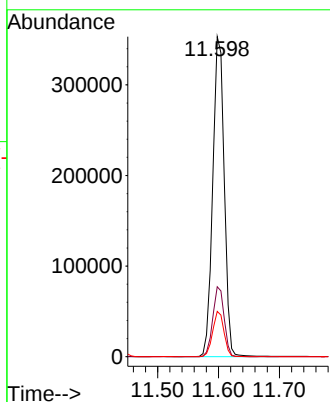
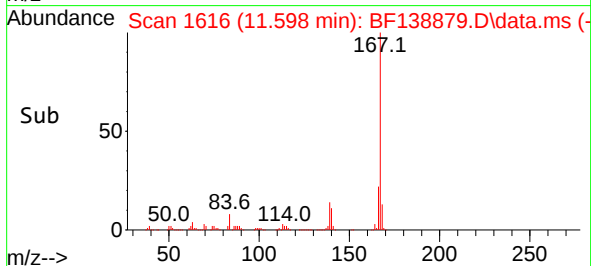
Tgt Ion:167 Resp: 46256
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.1 10.6 16.0

Manual Integrations

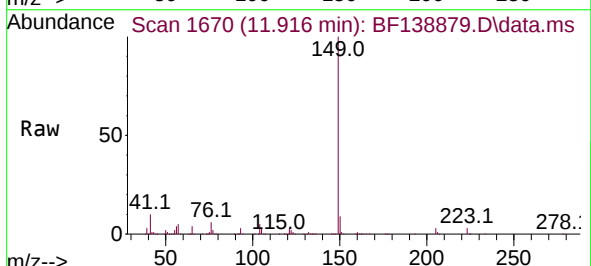
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

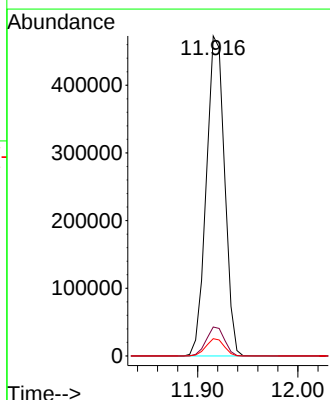
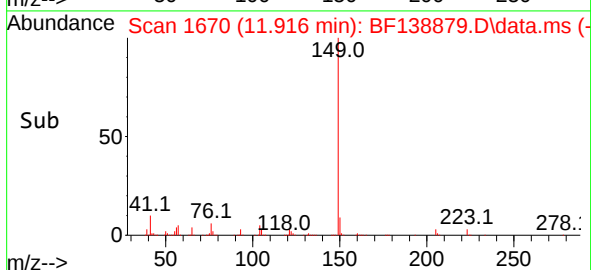
Supervised By :mohammad ahmed 08/12/2024



#74
 Di-n-butylphthalate
 Concen: 47.835 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138879.D
 Acq: 09 Aug 2024 09:48



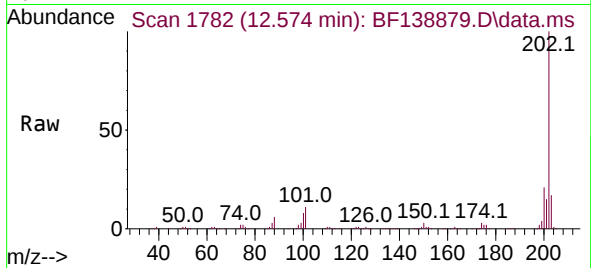
Tgt Ion:149 Resp: 599976
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 42.213 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

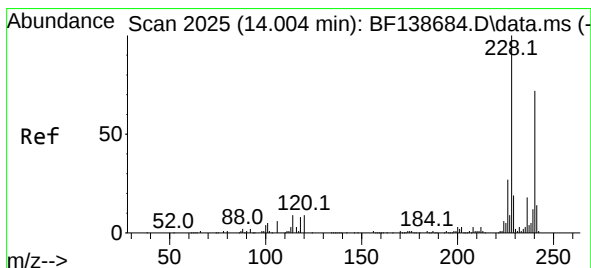
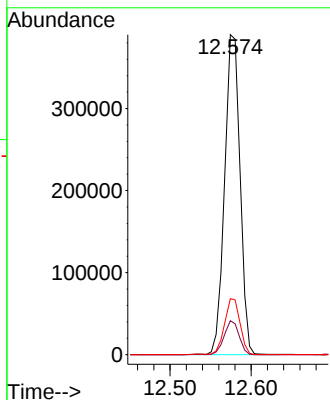
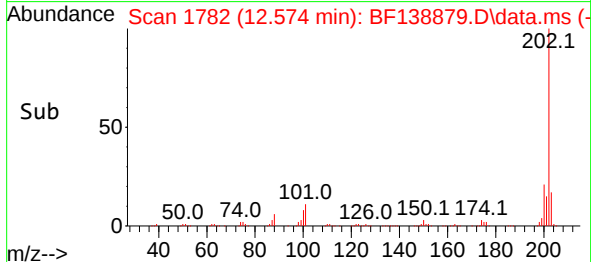
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 517334
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.2
203 17.5 0.0 37.3

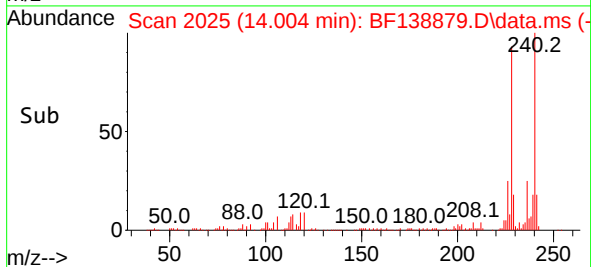
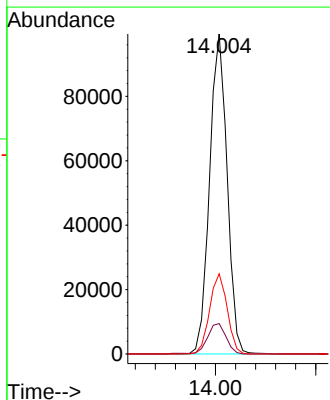
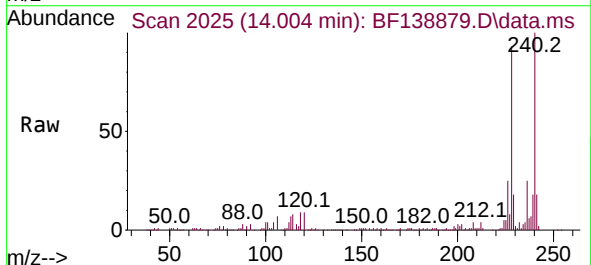
Manual Integrations
APPROVED

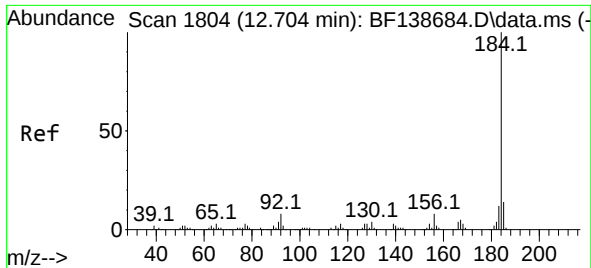
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

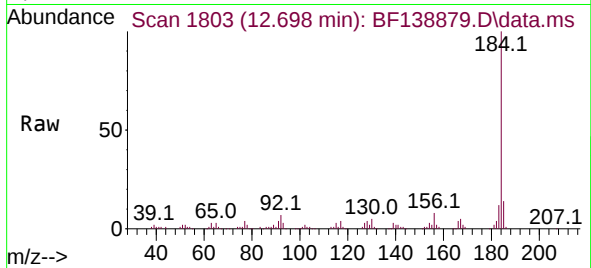
Tgt Ion:240 Resp: 120643
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 25.1 19.8 29.8





#77
Benzidine
Concen: 39.838 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

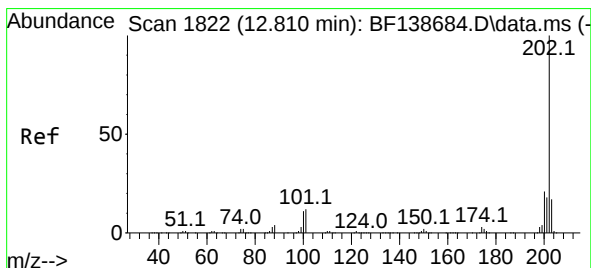
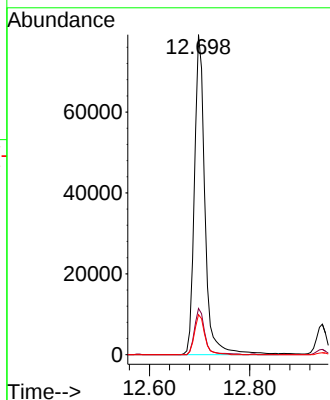
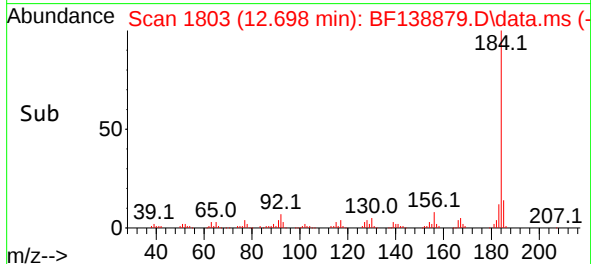
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 114954
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.5 9.6 14.4

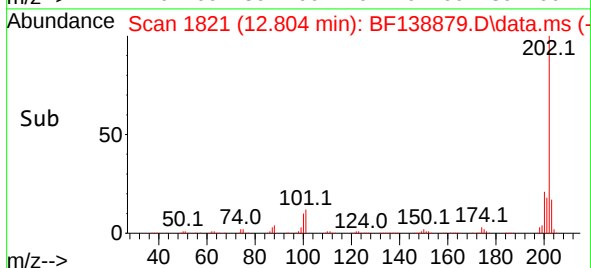
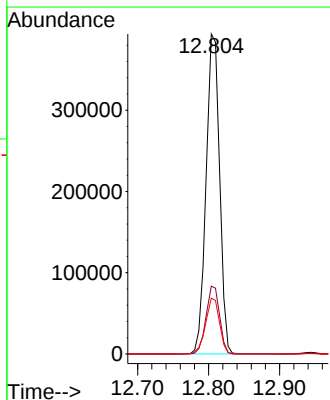
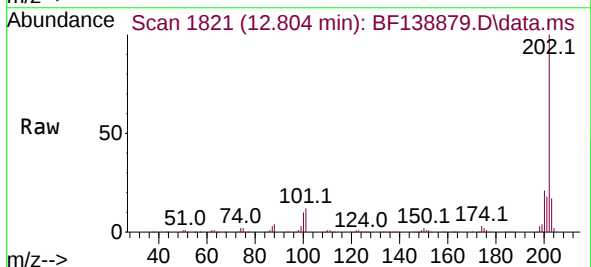
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#78
Pyrene
Concen: 45.976 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Tgt Ion:202 Resp: 522241
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 13.8 20.6





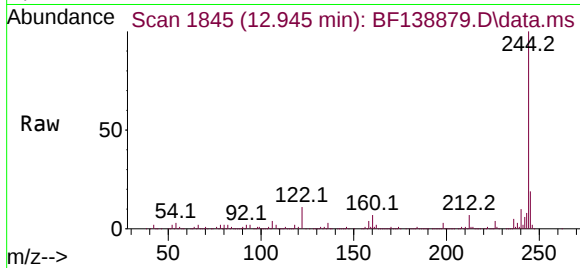
#79
 Terphenyl-d14
 Concen: 93.624 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138879.D
 Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

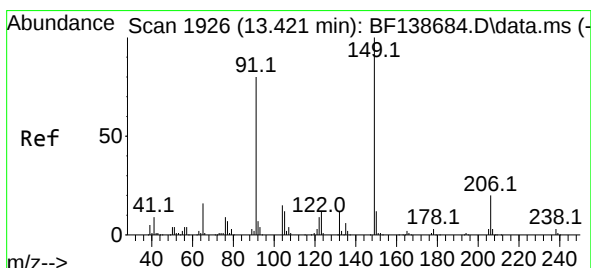
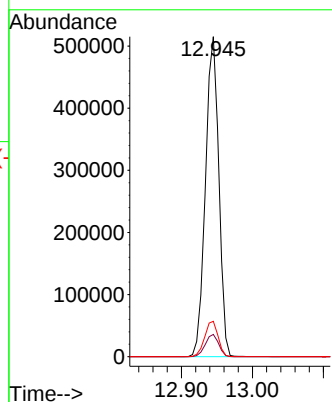
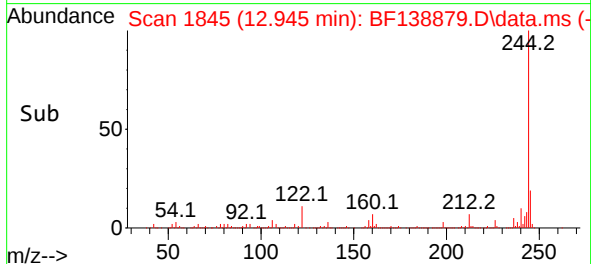


Tgt Ion:244 Resp: 67463
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.0 9.6 14.4

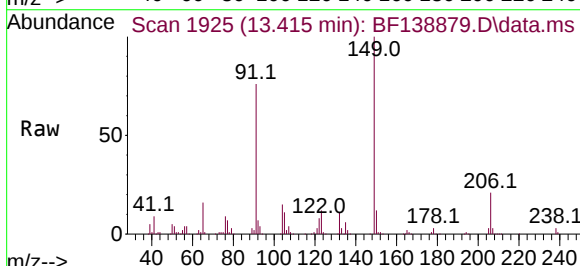
Manual Integrations

APPROVED

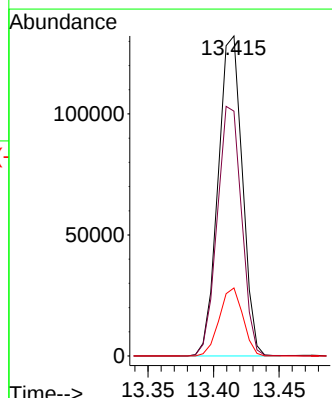
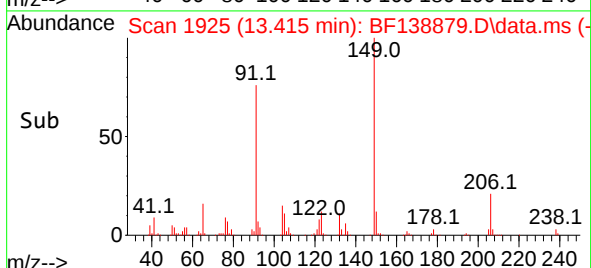
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

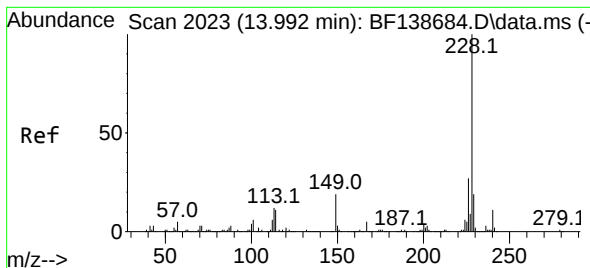


#80
 Butylbenzylphthalate
 Concen: 46.724 ng
 RT: 13.415 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138879.D
 Acq: 09 Aug 2024 09:48



Tgt Ion:149 Resp: 169955
 Ion Ratio Lower Upper
 149 100
 91 76.5 63.7 95.5
 206 21.3 16.2 24.2





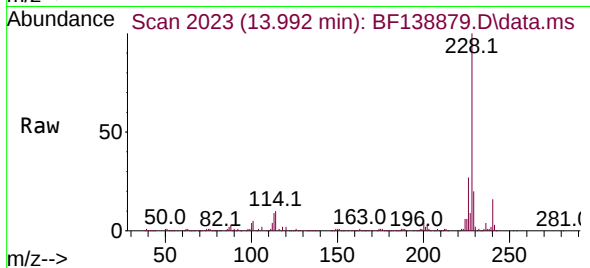
#81
Benzo(a)anthracene
Concen: 39.294 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

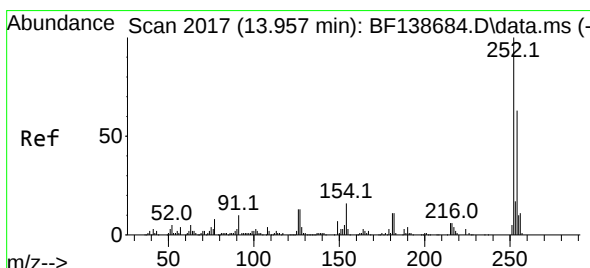
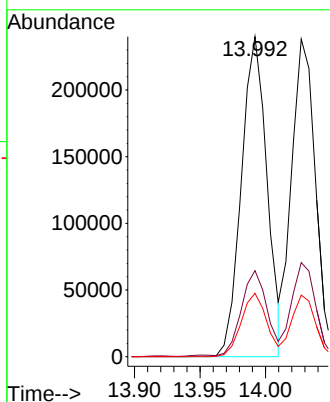
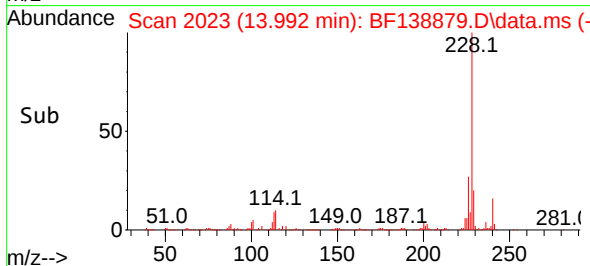


Tgt Ion:228 Resp: 32644
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.8 15.4 23.0

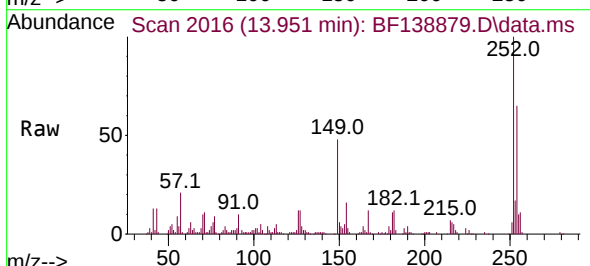
Manual Integrations

APPROVED

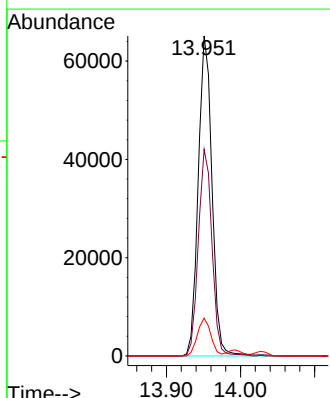
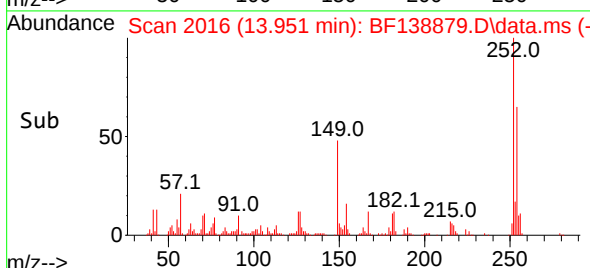
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

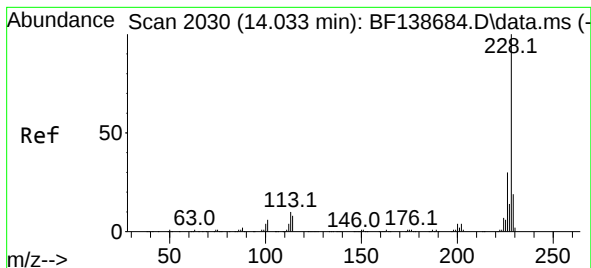


#82
3,3'-Dichlorobenzidine
Concen: 39.408 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:252 Resp: 83780
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 11.8 10.2 15.2





#83

Chrysene

Concen: 39.995 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 29977

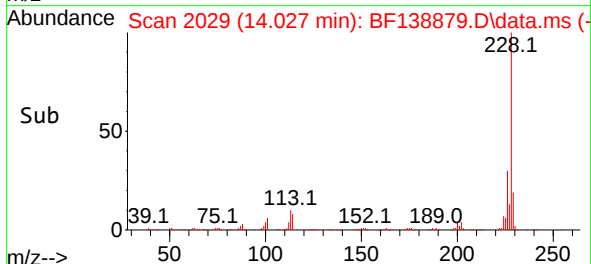
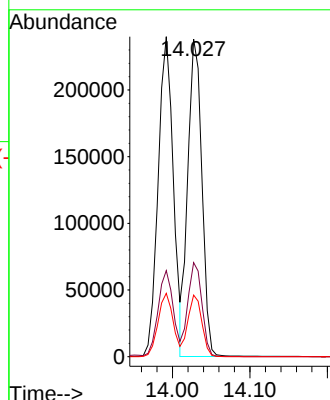
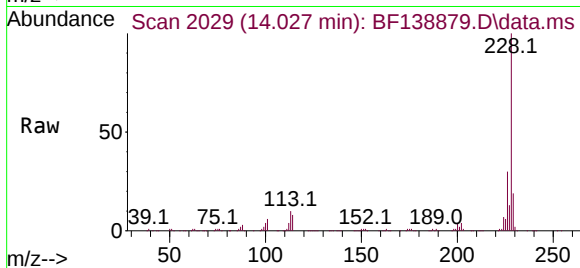
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.4	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.893 ng

RT: 13.968 min Scan# 2019

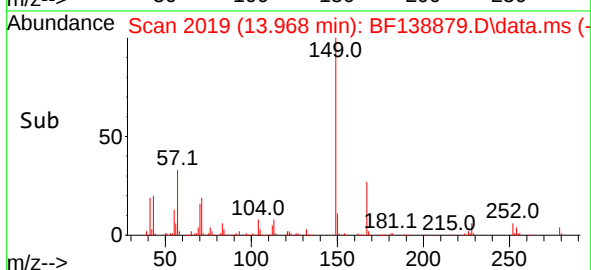
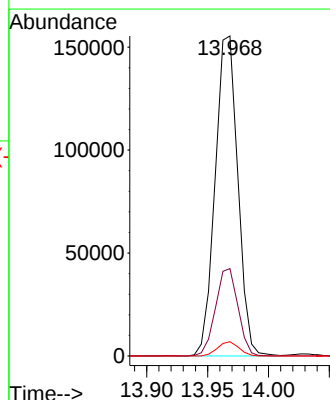
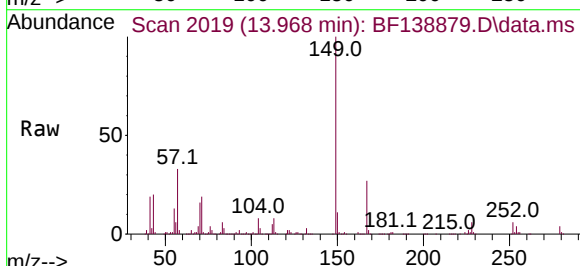
Delta R.T. -0.012 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Tgt Ion:149 Resp: 201833

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	4.5	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 34.265 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 33767

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

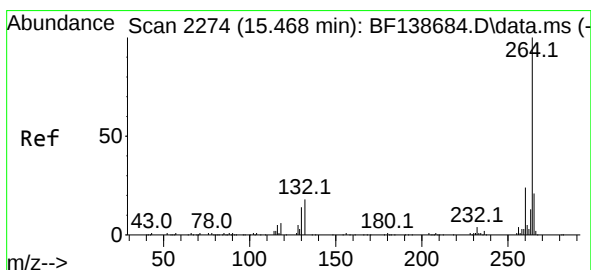
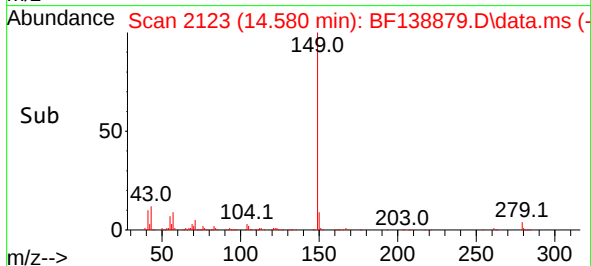
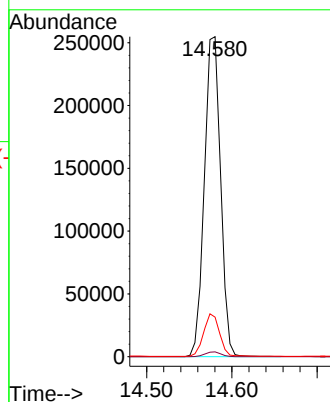
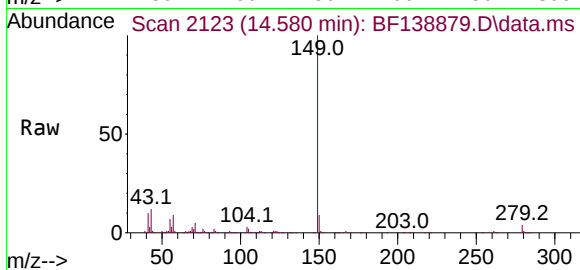
43 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138879.D

Acq: 09 Aug 2024 09:48

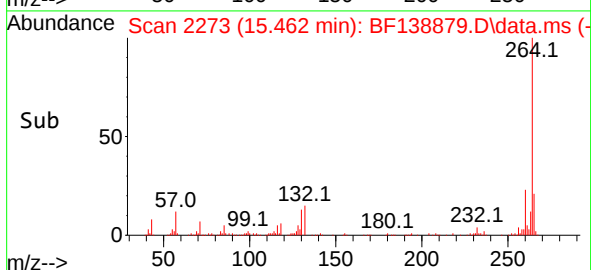
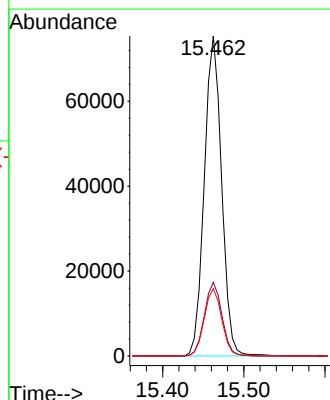
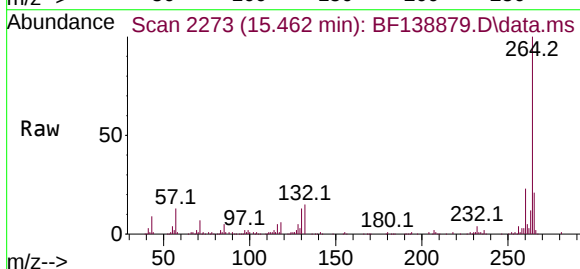
Tgt Ion:264 Resp: 111360

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.0 17.0 25.6





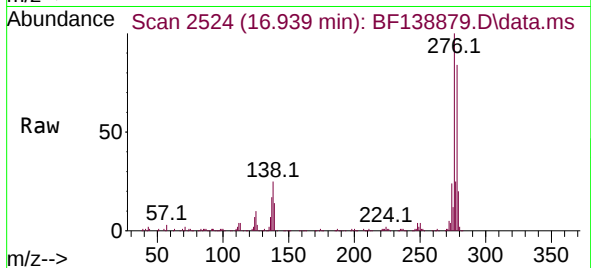
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.875 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

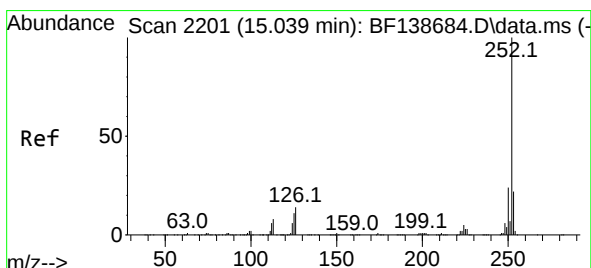
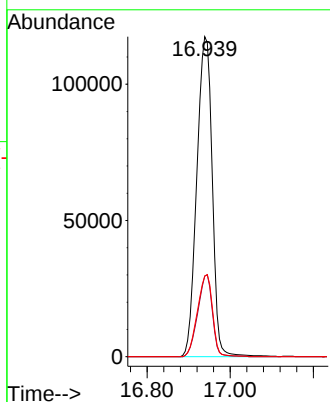
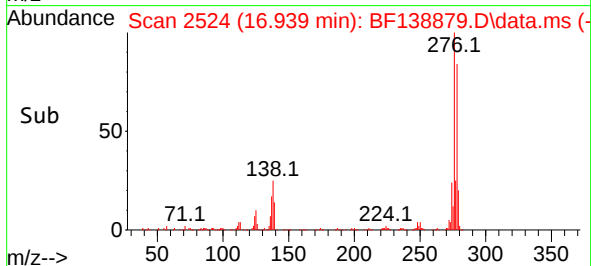


Tgt Ion:276 Resp: 30226
Ion Ratio Lower Upper
276 100
138 24.1 21.8 32.8
277 25.2 20.6 30.8

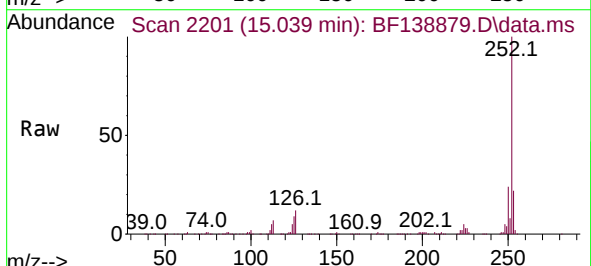
Manual Integrations

APPROVED

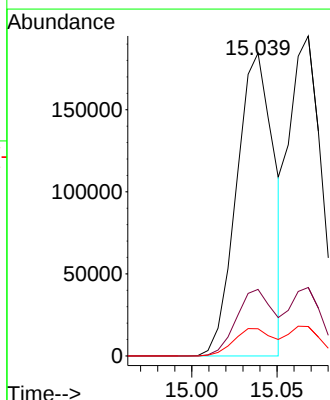
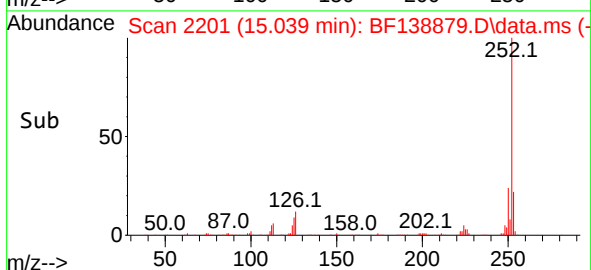
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

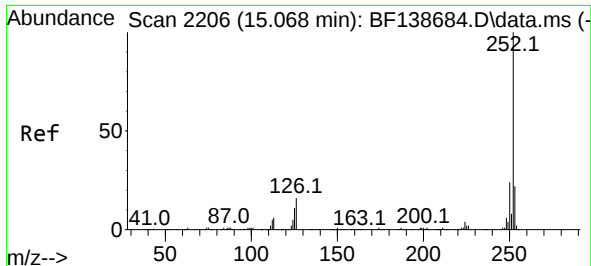


#88
Benzo(b)fluoranthene
Concen: 40.751 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:252 Resp: 281311
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.0 8.9 13.3





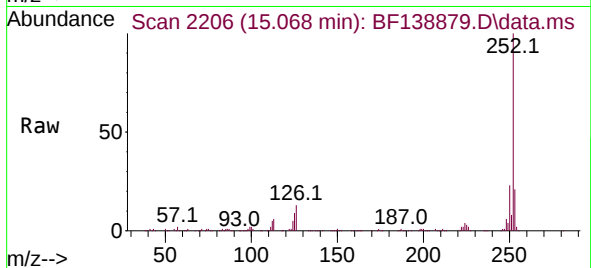
#89
Benzo(k)fluoranthene
Concen: 43.068 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



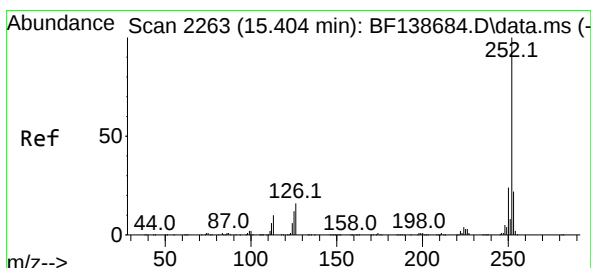
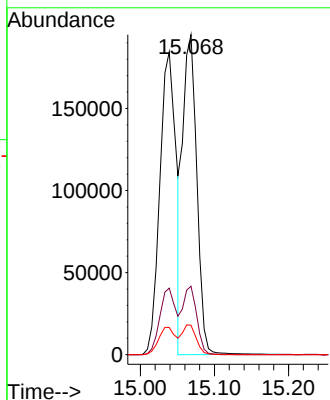
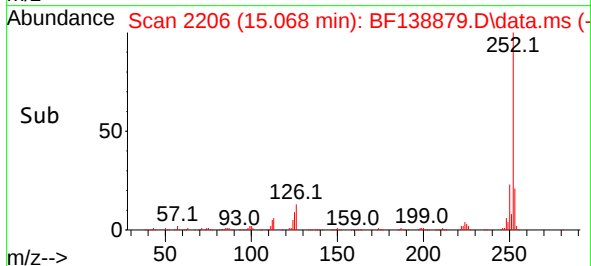
Tgt Ion:252 Resp: 25741
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.2 8.6 13.0

Manual Integrations

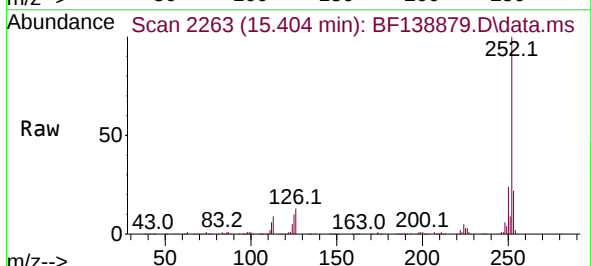
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

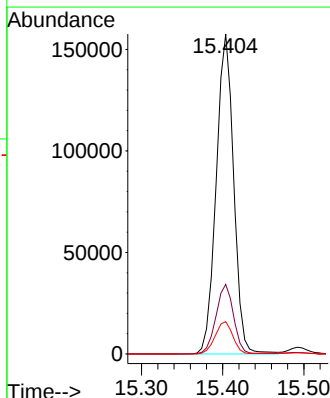
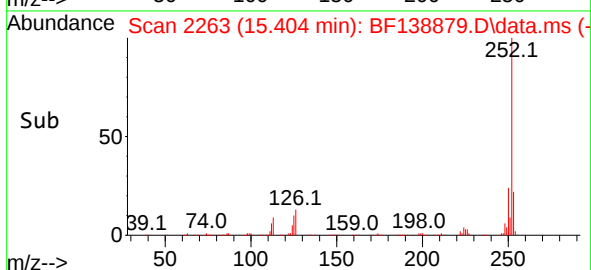
Supervised By :mohammad ahmed 08/12/2024



#90
Benzo(a)pyrene
Concen: 40.615 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:252 Resp: 235833
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.1 9.5 14.3





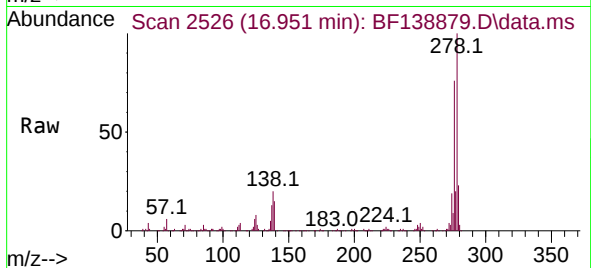
#91
Dibenzo(a,h)anthracene
Concen: 38.071 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



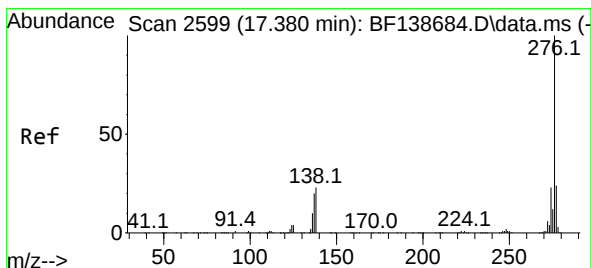
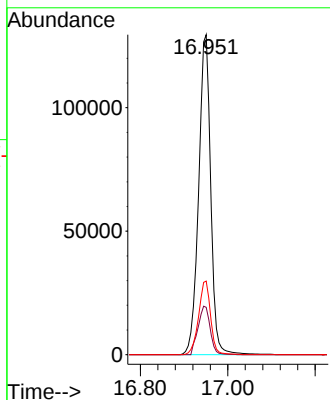
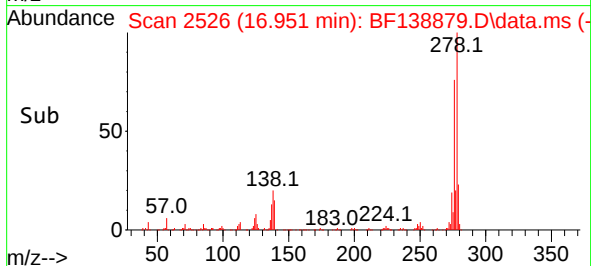
Tgt Ion:278 Resp: 24940
Ion Ratio Lower Upper
278 100
139 14.8 14.0 21.0
279 23.0 19.0 28.4

Manual Integrations

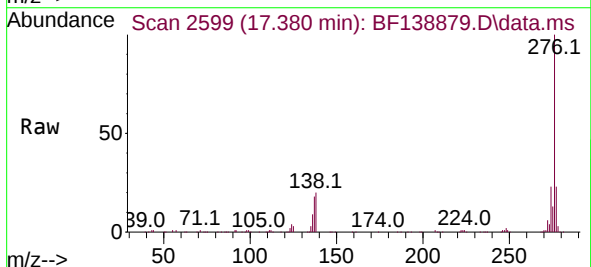
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#92
Benzo(g,h,i)perylene
Concen: 36.405 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BF138879.D
Acq: 09 Aug 2024 09:48



Tgt Ion:276 Resp: 247476
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 19.8 18.5 27.7

