

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138897.D
 Acq On : 09 Aug 2024 19:36
 Operator : RC/JU
 Sample : P3509-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080724MS

Quant Time: Aug 09 23:30:45 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	46594	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	178229	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	82494	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	109336	20.000	ng	0.00
76) Chrysene-d12	14.004	240	76572	20.000	ng	0.00
86) Perylene-d12	15.462	264	59251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	317443	105.168	ng	0.01
7) Phenol-d6	6.492	99	417623	103.052	ng	0.00
23) Nitrobenzene-d5	7.410	82	265387	72.800	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	60479	89.501	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	418676	76.255	ng	0.00
79) Terphenyl-d14	12.939	244	295798	64.677	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	47432	35.893	ng	# 94
3) Pyridine	3.445	79	125615	39.240	ng	96
4) n-Nitrosodimethylamine	3.422	42	101842	53.416	ng	82
6) Aniline	6.504	93	66428	18.380	ng	# 1
8) 2-Chlorophenol	6.633	128	152014	47.867	ng	97
9) Benzaldehyde	6.398	77	6023	2.479	ng	97
10) Phenol	6.504	94	188454	44.167	ng	93
11) bis(2-Chloroethyl)ether	6.581	93	146371	44.578	ng	99
12) 1,3-Dichlorobenzene	6.781	146	164169	46.182	ng	98
13) 1,4-Dichlorobenzene	6.857	146	170162	47.432	ng	99
14) 1,2-Dichlorobenzene	7.010	146	158514	47.279	ng	99
15) Benzyl Alcohol	6.992	79	145243	49.726	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	253252	44.817	ng	54
17) 2-Methylphenol	7.110	107	120913	46.109	ng	# 83
18) Hexachloroethane	7.345	117	60175	44.561	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	120024	49.036	ng	97
20) 3+4-Methylphenols	7.263	107	160386	47.669	ng	# 81
22) Acetophenone	7.257	105	209696	48.052	ng	99
24) Nitrobenzene	7.428	77	174798	47.122	ng	100
25) Isophorone	7.669	82	304108	48.855	ng	98
26) 2-Nitrophenol	7.745	139	77629	48.642	ng	95
27) 2,4-Dimethylphenol	7.786	122	102148	53.495	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	179762	47.422	ng	99
29) 2,4-Dichlorophenol	7.992	162	117563	47.913	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	135041	47.691	ng	98
31) Naphthalene	8.145	128	443429	47.267	ng	100
32) Benzoic acid	7.904	122	15436m	10.284	ng	
33) 4-Chloroaniline	8.198	127	32526	10.329	ng	97
34) Hexachlorobutadiene	8.257	225	86147	50.229	ng	98
35) Caprolactam	8.580	113	28667	39.155	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	129572	46.207	ng	99
37) 2-Methylnaphthalene	8.833	142	281986	47.594	ng	100
38) 1-Methylnaphthalene	8.933	142	251834	43.376	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	115953	50.599	ng	98
41) Hexachlorocyclopentadiene	8.980	237	24280	43.510	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	70291	50.308	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	73725	48.267	ng	98
46) 1,1'-Biphenyl	9.298	154	317177	49.092	ng	99
47) 2-Chloronaphthalene	9.327	162	241138	50.184	ng	98
48) 2-Nitroaniline	9.427	65	87229	53.548	ng	97
49) Acenaphthylene	9.739	152	356162	52.261	ng	99
50) Dimethylphthalate	9.598	163	297377	56.377	ng	99
51) 2,6-Dinitrotoluene	9.669	165	58593	49.220	ng	90
52) Acenaphthene	9.910	154	218204	47.630	ng	99
53) 3-Nitroaniline	9.839	138	34345	27.909	ng	99
54) 2,4-Dinitrophenol	9.957	184	7019	12.809	ng	# 80
55) Dibenzofuran	10.080	168	322946	49.939	ng	99
56) 4-Nitrophenol	10.022	139	53896	72.829	ng	89
57) 2,4-Dinitrotoluene	10.074	165	73018	48.077	ng	# 84
58) Fluorene	10.427	166	248838	48.320	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	45312	38.803	ng	97
60) Diethylphthalate	10.298	149	280085	56.001	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	124570	49.183	ng	96
62) 4-Nitroaniline	10.451	138	45608	38.999	ng	# 82
63) Azobenzene	10.574	77	262798	47.376	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	12014	18.011	ng	92
66) n-Nitrosodiphenylamine	10.533	169	204117	59.725	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	65881	55.654	ng	99
68) Hexachlorobenzene	10.969	284	60315	49.348	ng	98
69) Atrazine	11.063	200	58676	66.545	ng	99
70) Pentachlorophenol	11.174	266	34021	61.753	ng	97
71) Phenanthrene	11.386	178	321702	57.141	ng	100
72) Anthracene	11.439	178	303431	54.709	ng	99
73) Carbazole	11.598	167	247570	51.739	ng	99
74) Di-n-butylphthalate	11.916	149	349584	64.989	ng	99
75) Fluoranthene	12.574	202	313252	59.600	ng	98
77) Benzidine	12.698	184	96399	52.635	ng	99
78) Pyrene	12.804	202	317235	44.002	ng	100
80) Butylbenzylphthalate	13.415	149	130767	56.641	ng	98
81) Benzo(a)anthracene	13.992	228	271438	51.478	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	60680	44.969	ng	97
83) Chrysene	14.027	228	248122	52.157	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	194604	57.564	ng	99
85) Di-n-octyl phthalate	14.580	149	313018	50.044	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	162210	38.202	ng	96
88) Benzo(b)fluoranthene	15.039	252	195942	53.347	ng	99
89) Benzo(k)fluoranthene	15.068	252	187530	58.969	ng	98
90) Benzo(a)pyrene	15.404	252	167224	54.126	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	131132	37.622	ng	98
92) Benzo(g,h,i)perylene	17.380	276	120148	33.218	ng	97

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

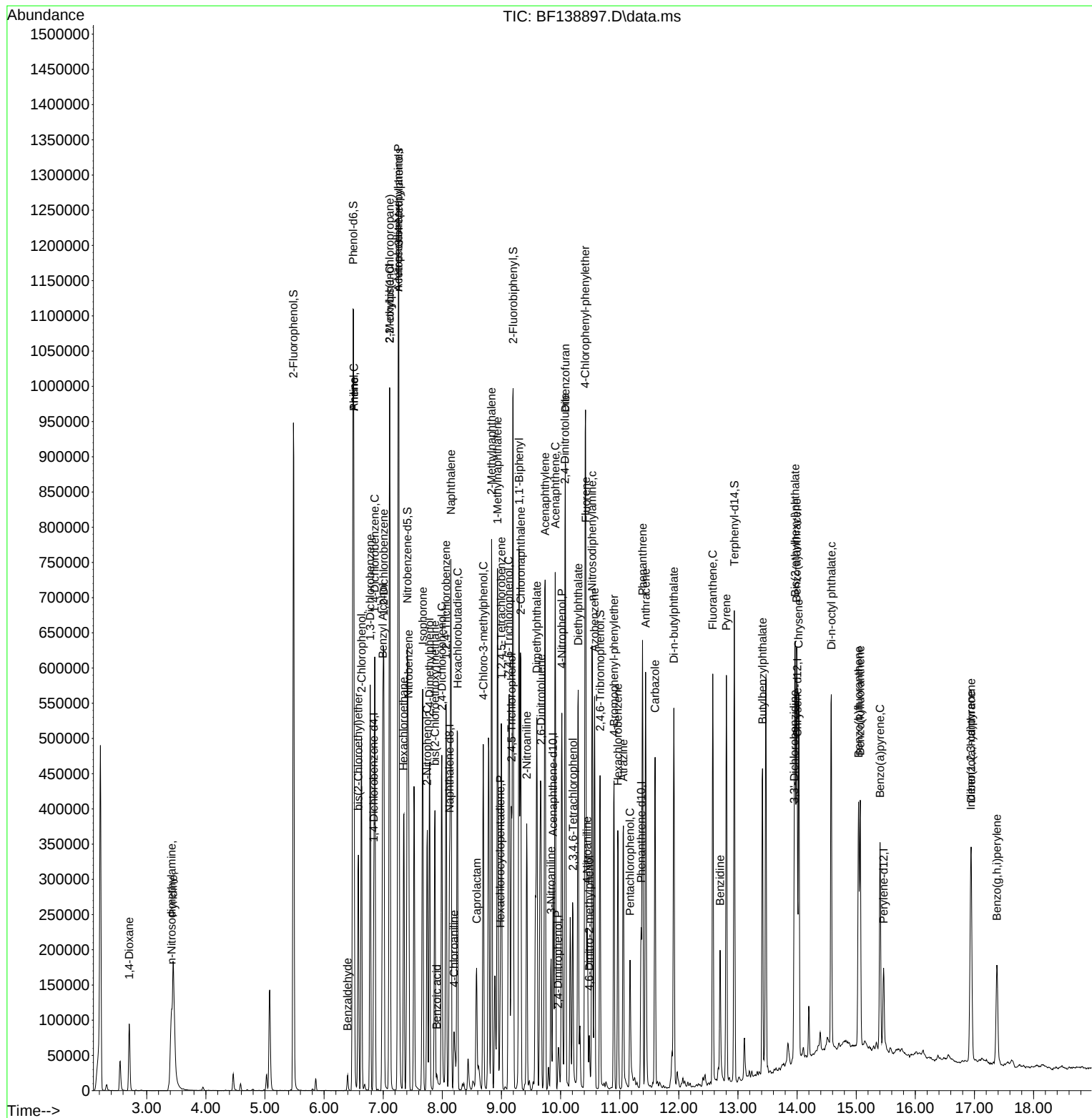
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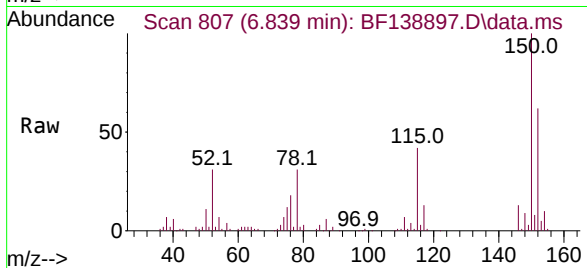
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

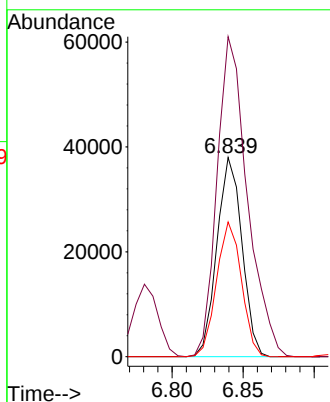
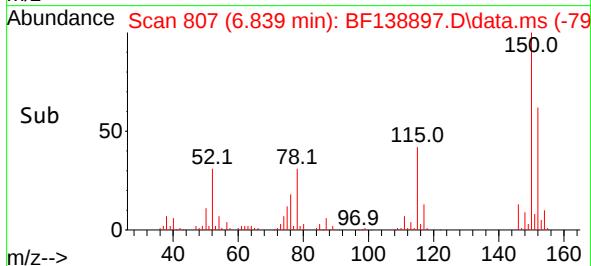
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:152 Resp: 46594
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 67.6 51.7 77.5

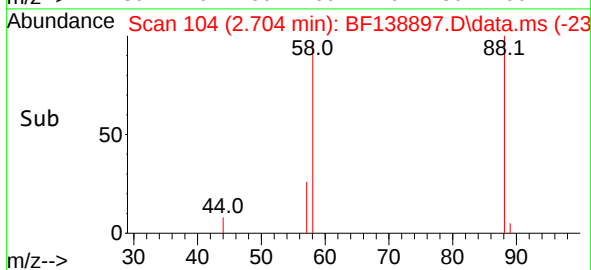
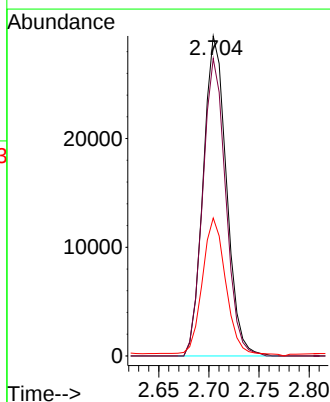
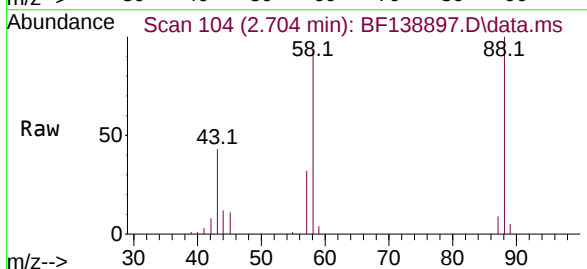
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#2
1,4-Dioxane
Concen: 35.893 ng
RT: 2.704 min Scan# 104
Delta R.T. 0.129 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion: 88 Resp: 47432
Ion Ratio Lower Upper
88 100
58 91.7 71.6 107.4
43 44.4 28.7 43.1#





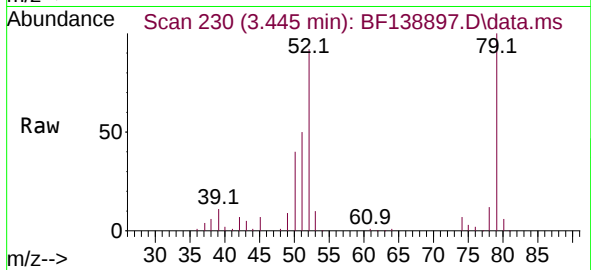
#3
Pyridine
Concen: 39.240 ng
RT: 3.445 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS



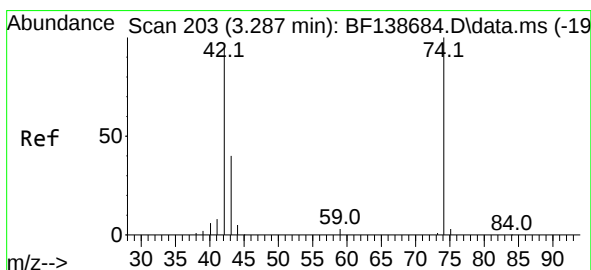
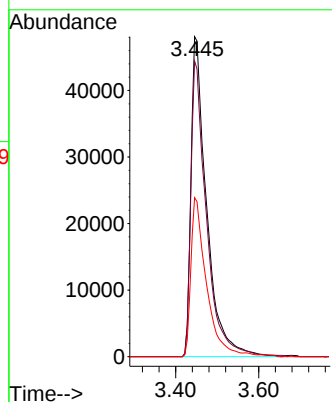
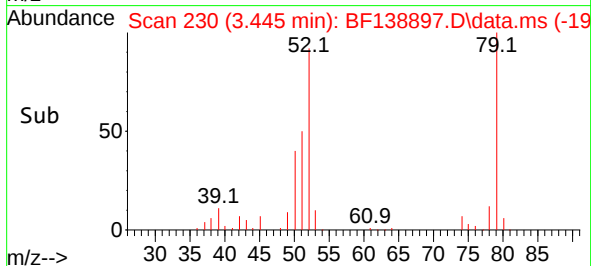
Tgt Ion: 79 Resp: 125615
Ion Ratio Lower Upper
79 100
52 92.3 74.7 112.1
51 49.7 34.6 51.8

Manual Integrations

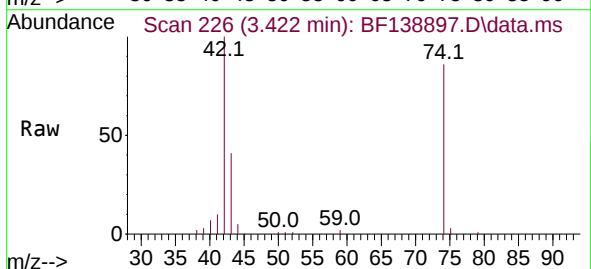
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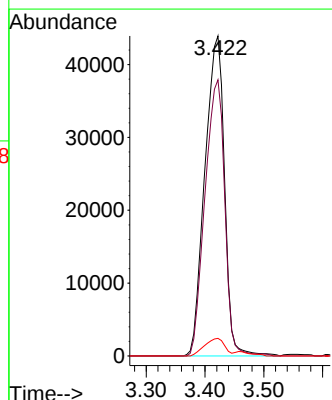
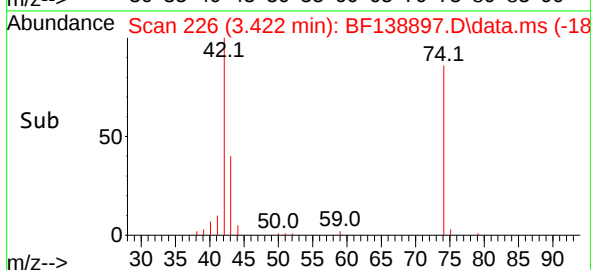
Supervised By :mohammad ahmed 08/12/2024



#4
n-Nitrosodimethylamine
Concen: 53.416 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.135 min
Lab File: BF138897.D
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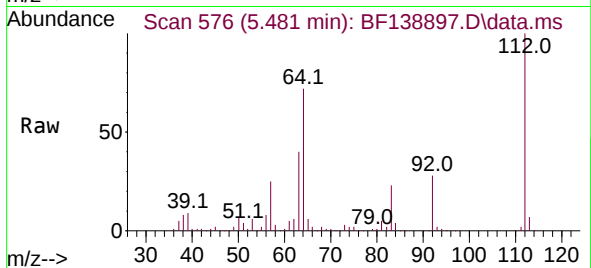
Tgt Ion: 42 Resp: 101842
Ion Ratio Lower Upper
42 100
74 86.3 84.2 126.4
44 5.5 4.9 7.3





#5
2-Fluorophenol
Concen: 105.168 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

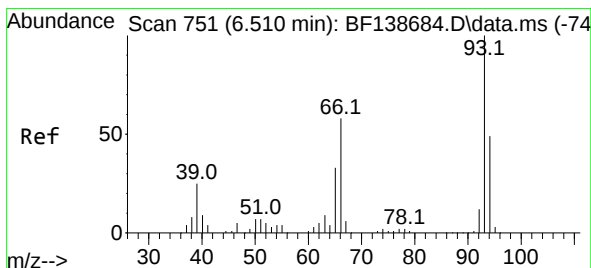
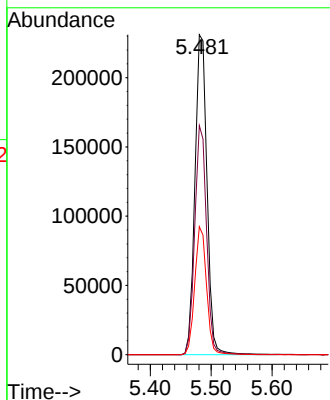
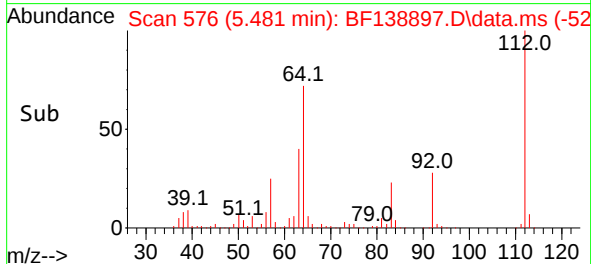
Instrument :
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Tgt Ion:112 Resp: 31744
Ion Ratio Lower Upper
112 100
64 71.6 54.2 81.4
63 40.0 28.7 43.1

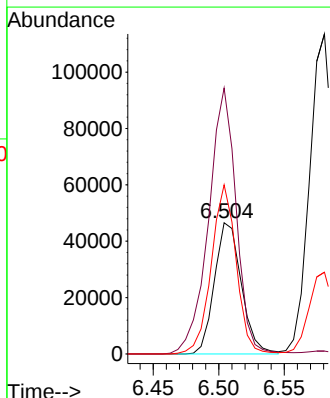
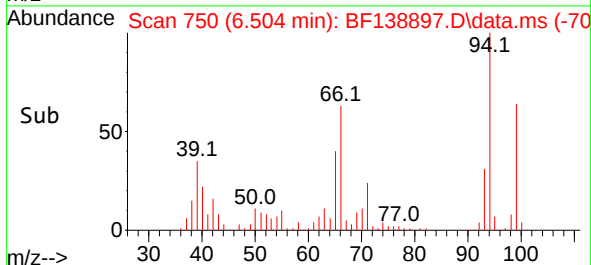
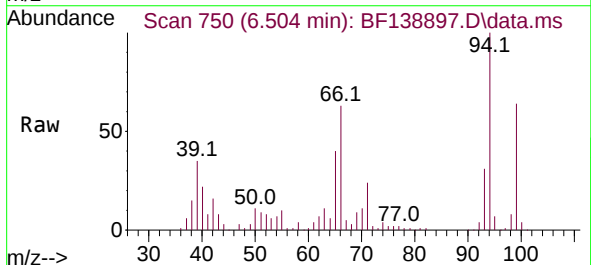
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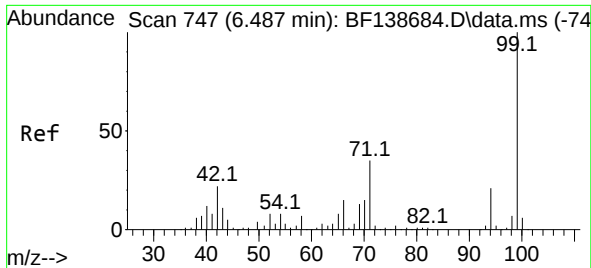
Reviewed By :Yogesh Patel 08/10/2024
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#6
Aniline
Concen: 18.380 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
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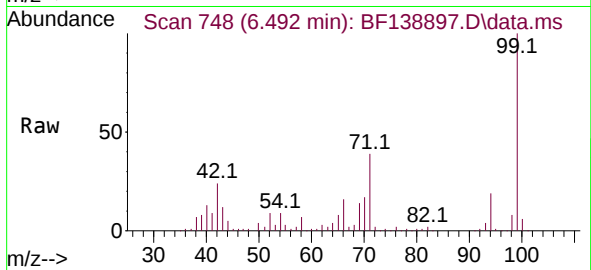
Tgt Ion: 93 Resp: 66428
Ion Ratio Lower Upper
93 100
66 202.6 46.9 70.3#
65 128.9 26.5 39.7#





#7
Phenol-d6
Concen: 103.052 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

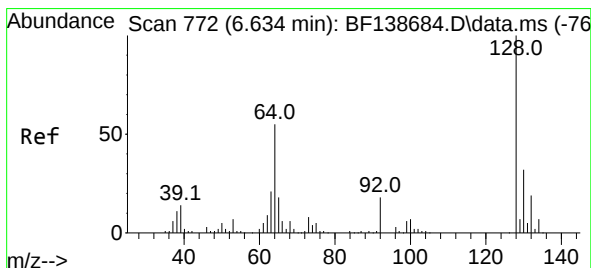
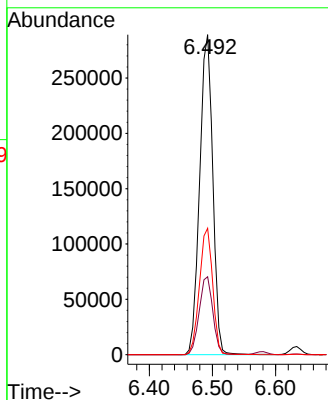
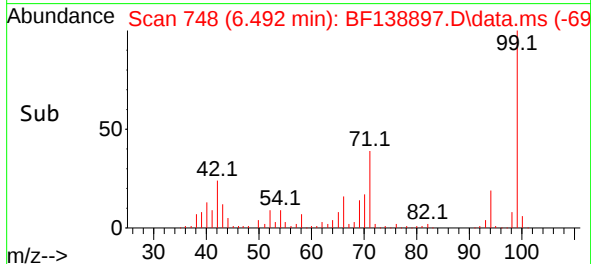
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Tgt Ion: 99 Resp: 41762
Ion Ratio Lower Upper
99 100
42 24.4 17.4 26.0
71 39.5 28.1 42.1

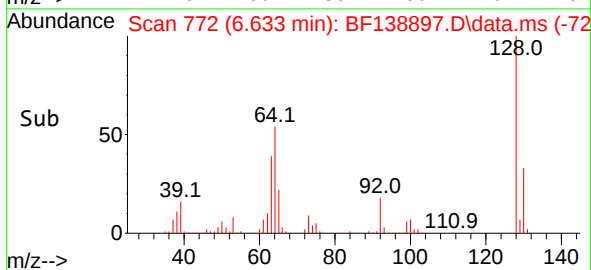
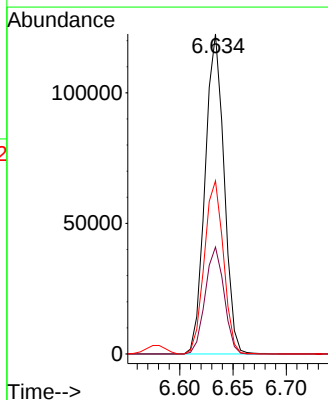
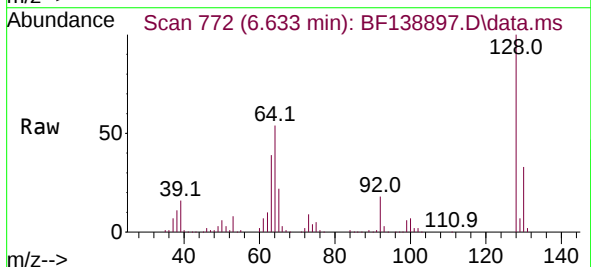
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#8
2-Chlorophenol
Concen: 47.867 ng
RT: 6.633 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138897.D
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Tgt Ion:128 Resp: 152014
Ion Ratio Lower Upper
128 100
130 33.4 12.0 52.0
64 54.1 36.3 76.3





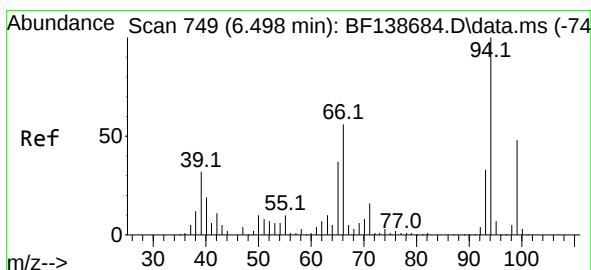
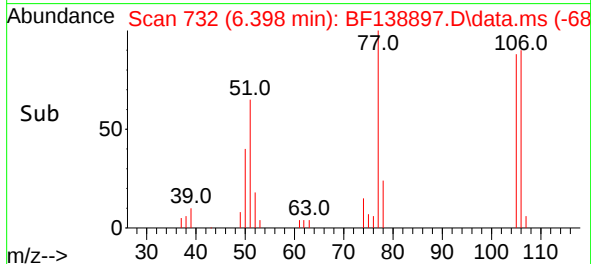
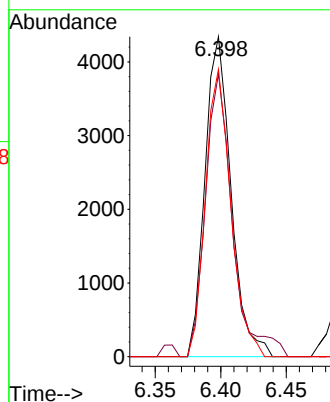
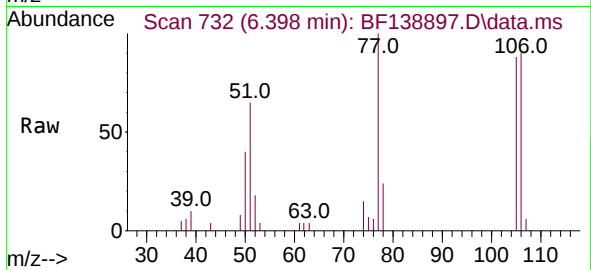
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Benzaldehyde
Concen: 2.479 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138897.D
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Instrument :
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ClientSampleId :
OR-02-080724MS

Tgt Ion: 77 Resp: 602
Ion Ratio Lower Upper
77 100
105 88.3 72.9 112.9
106 89.8 68.4 108.4

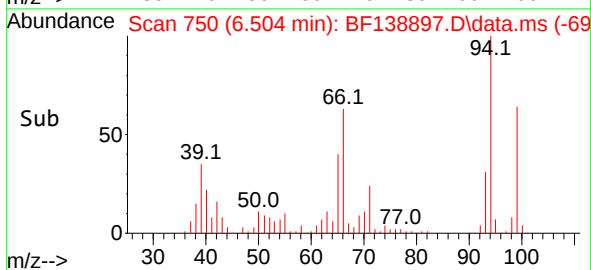
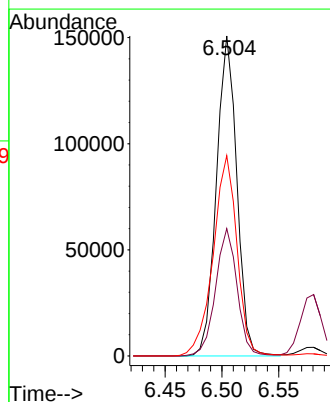
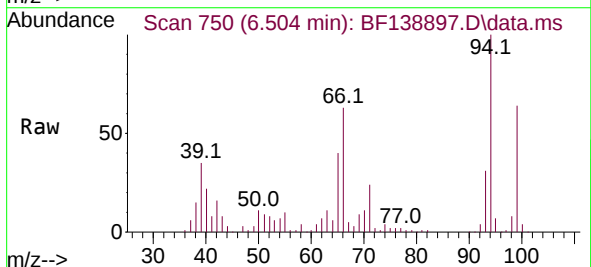
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#10
Phenol
Concen: 44.167 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 188454
Ion Ratio Lower Upper
94 100
65 39.8 16.9 56.9
66 62.6 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 44.578 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

Tgt Ion: 93 Resp: 14637

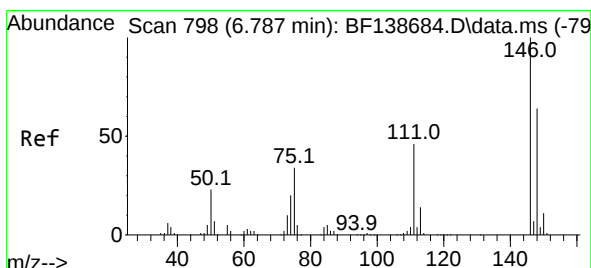
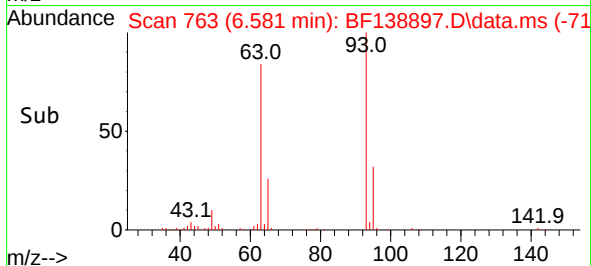
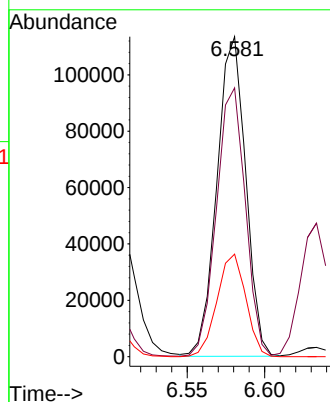
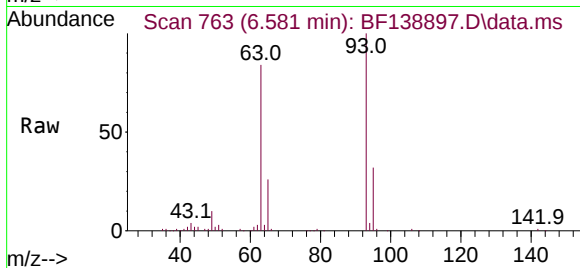
Ion	Ratio	Lower	Upper
93	100		
63	84.0	65.3	105.3
95	32.1	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#12

1,3-Dichlorobenzene

Concen: 46.182 ng

RT: 6.781 min Scan# 797

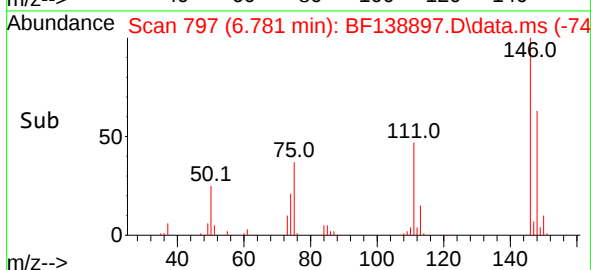
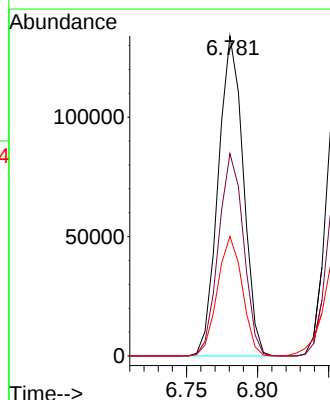
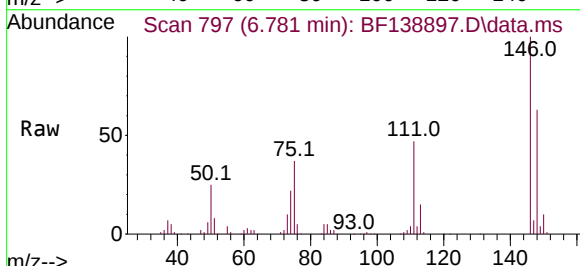
Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Tgt Ion:146 Resp: 164169

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
75	37.4	27.4	41.2





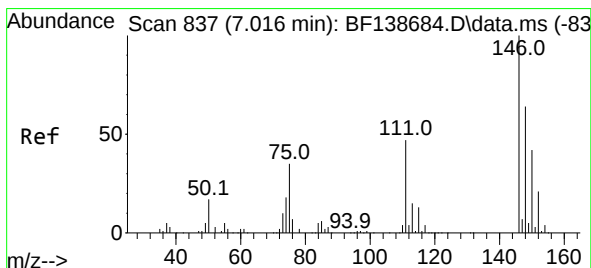
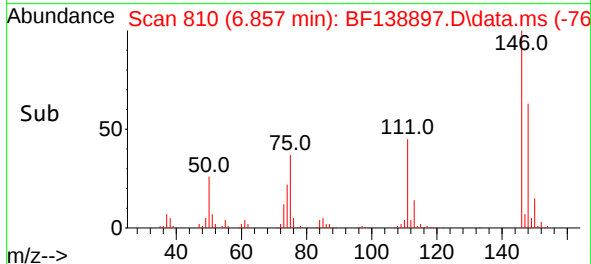
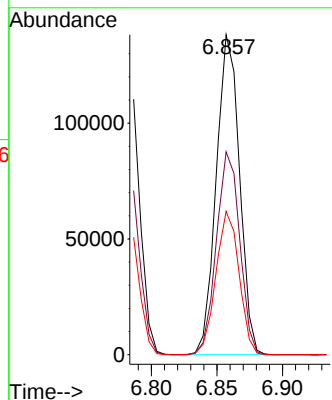
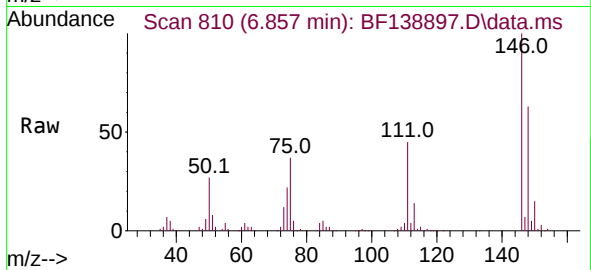
#13
1,4-Dichlorobenzene
Concen: 47.432 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS

Tgt Ion:146 Resp: 17016
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 44.8 35.9 53.9

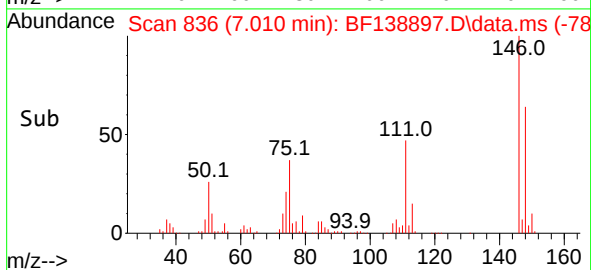
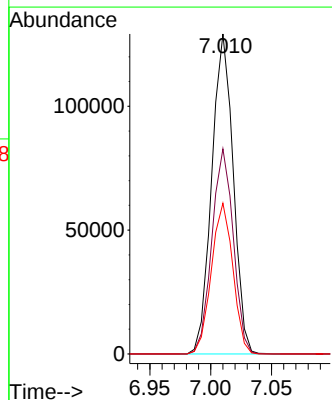
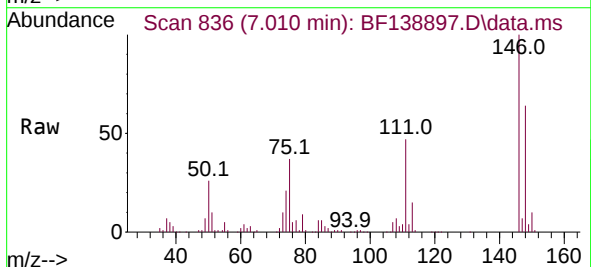
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 47.279 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

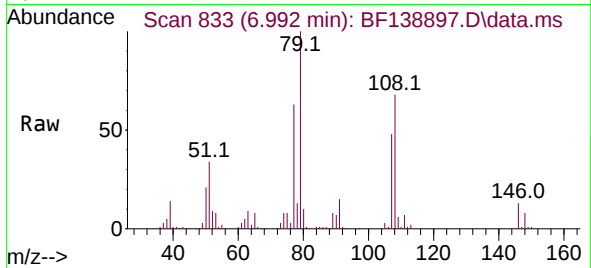
Tgt Ion:146 Resp: 158514
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 47.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.726 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

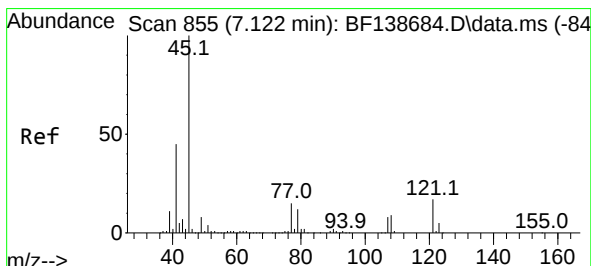
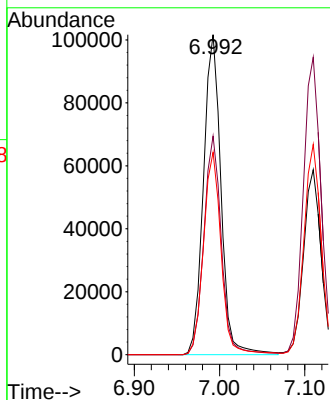
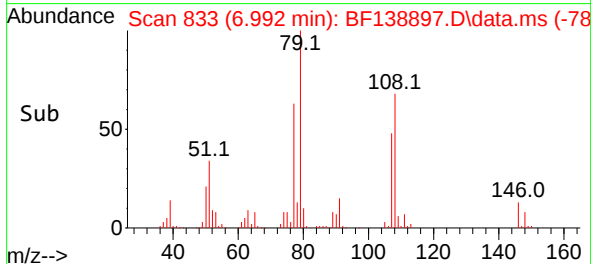
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



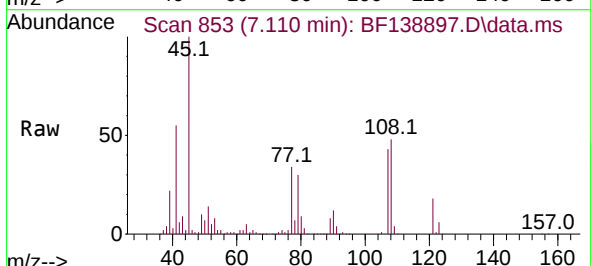
Tgt Ion: 79 Resp: 14524
Ion Ratio Lower Upper
79 100
108 68.3 56.6 85.0
77 63.3 50.3 75.5

Manual Integrations
APPROVED

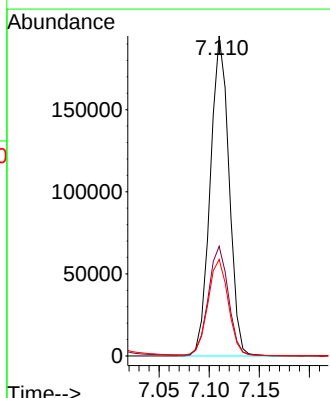
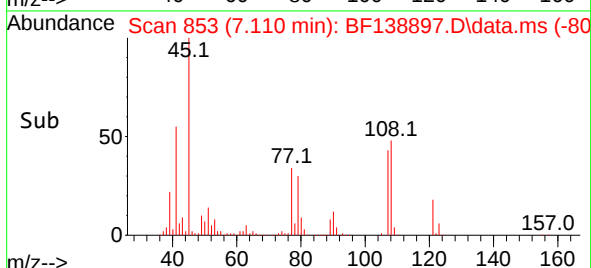
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

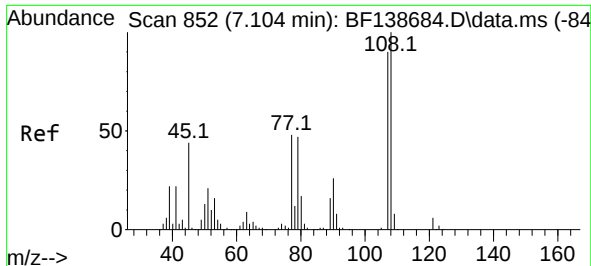


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.817 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36



Tgt Ion: 45 Resp: 253252
Ion Ratio Lower Upper
45 100
77 34.3 0.0 34.9
79 30.2 0.0 32.2





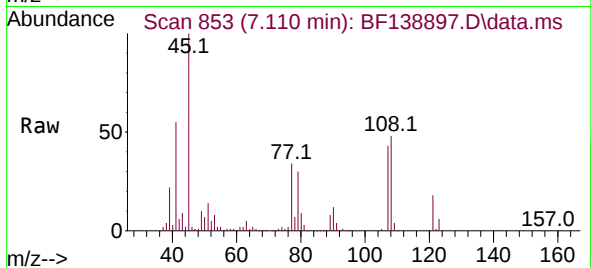
#17
2-Methylphenol
Concen: 46.109 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

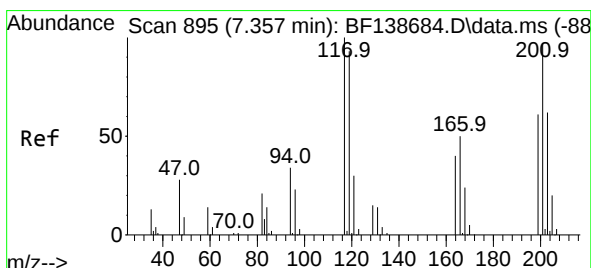
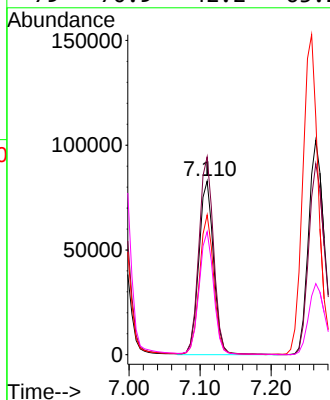
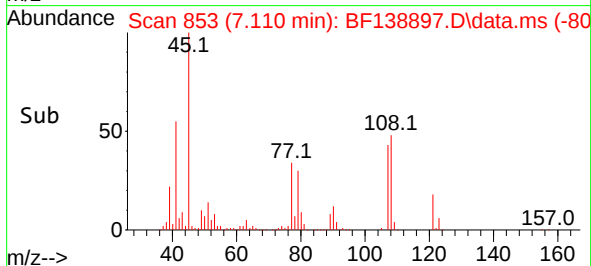


Tgt Ion:107 Resp: 12091
Ion Ratio Lower Upper
107 100
108 114.0 89.2 133.8
77 80.6 43.0 64.4
79 70.9 42.2 63.2

Manual Integrations

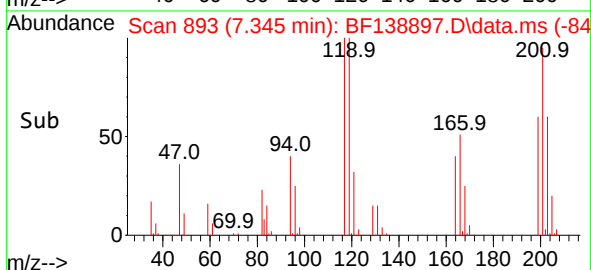
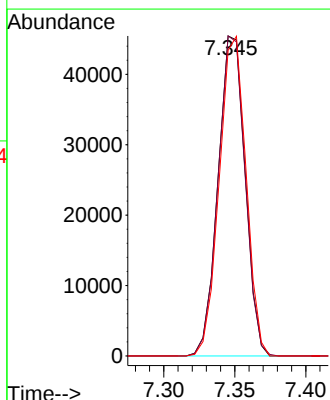
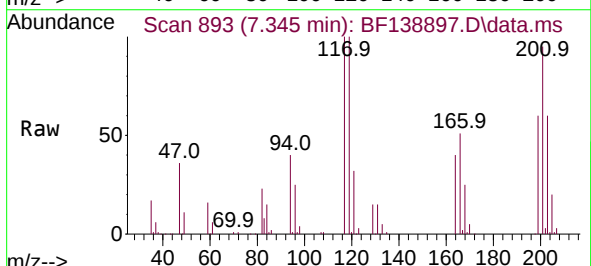
APPROVED

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



#18
Hexachloroethane
Concen: 44.561 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:117 Resp: 60175
Ion Ratio Lower Upper
117 100
119 100.0 74.6 111.8
201 95.5 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 49.036 ng

RT: 7.257 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF138897.D

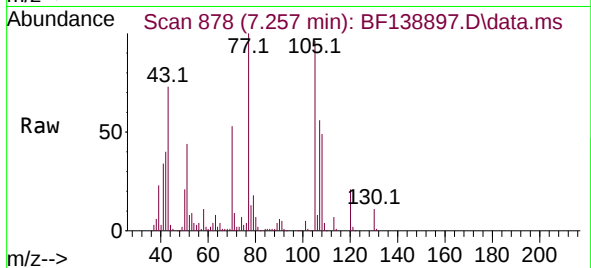
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS



Tgt Ion: 70 Resp: 120024

Ion Ratio Lower Upper

70 100

42 74.9 57.4 86.0

101 9.7 7.5 11.3

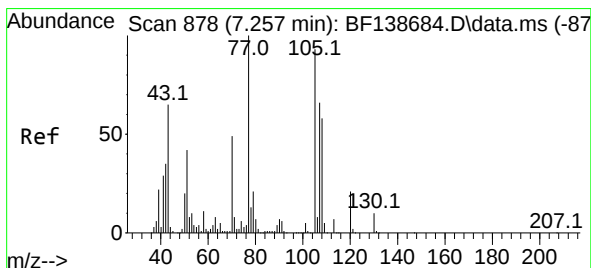
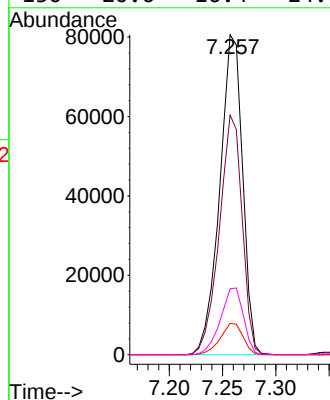
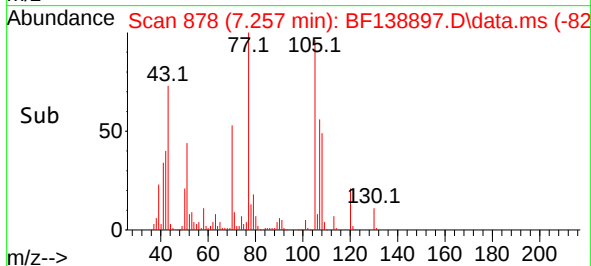
130 20.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#20

3+4-Methylphenols

Concen: 47.669 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Tgt Ion:107 Resp: 160386

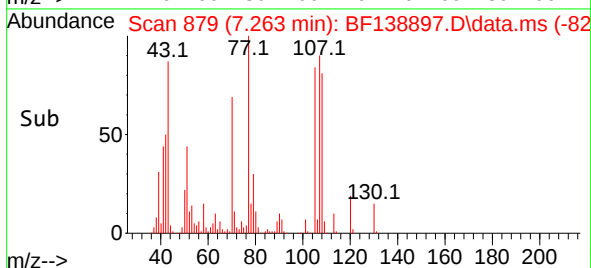
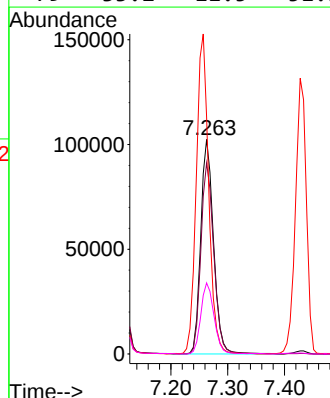
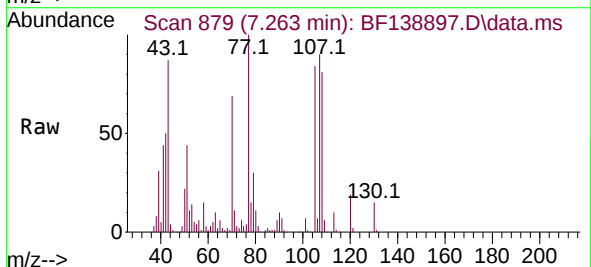
Ion Ratio Lower Upper

107 100

108 89.1 68.2 108.2

77 110.5 132.1 172.1#

79 33.2 11.5 51.5





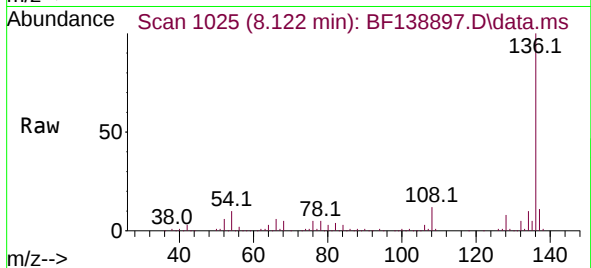
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS



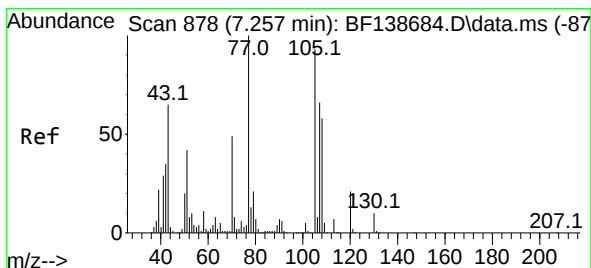
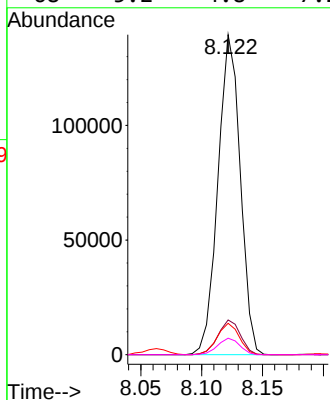
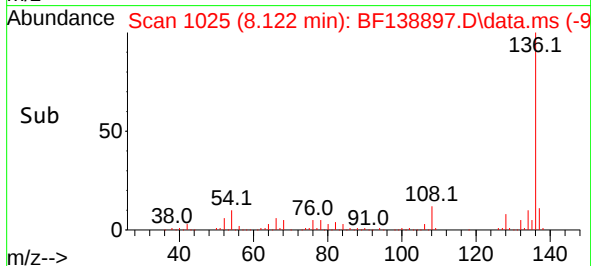
Tgt Ion:136 Resp: 178229
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.8 8.6 12.8
68 5.2 4.8 7.2

Manual Integrations

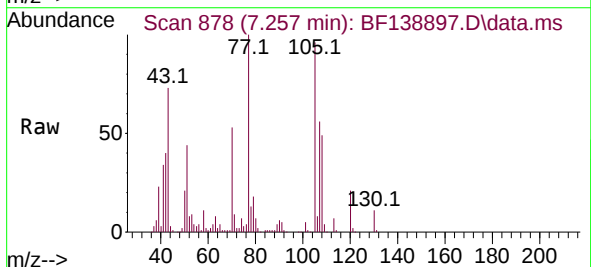
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

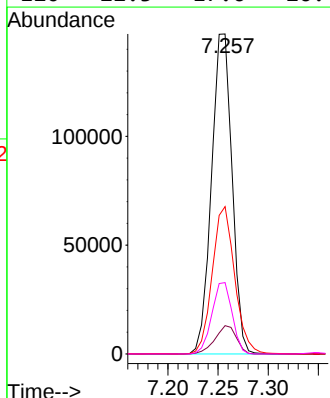
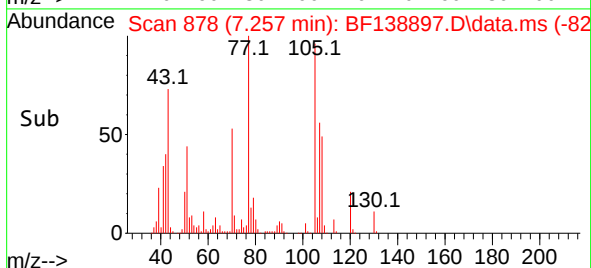
Supervised By :mohammad ahmed 08/12/2024



#22
Acetophenone
Concen: 48.052 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36



Tgt Ion:105 Resp: 209696
Ion Ratio Lower Upper
105 100
71 8.9 7.2 10.8
51 46.1 35.9 53.9
120 22.3 17.6 26.4





#23

Nitrobenzene-d5

Concen: 72.800 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

Tgt Ion: 82 Resp: 26538

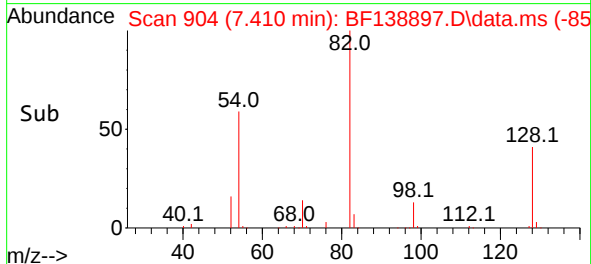
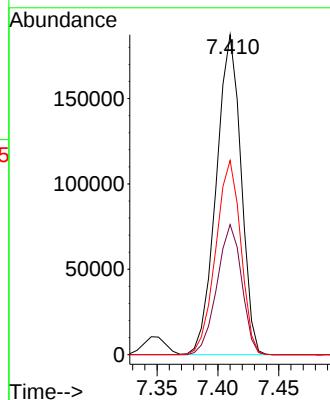
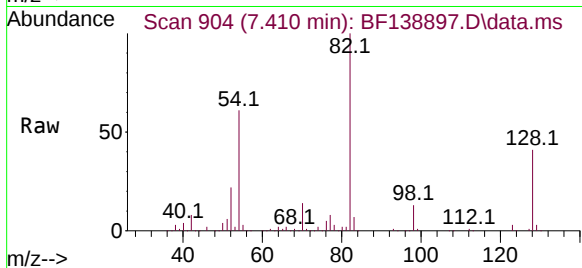
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	60.7	48.3	72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#24

Nitrobenzene

Concen: 47.122 ng

RT: 7.428 min Scan# 907

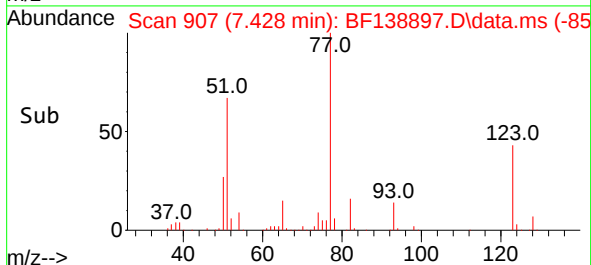
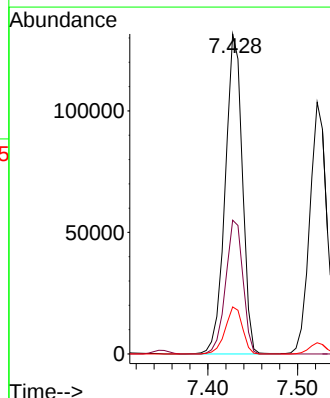
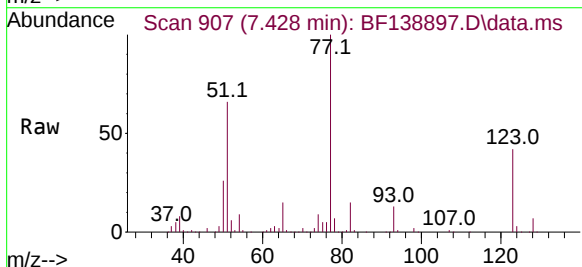
Delta R.T. -0.000 min

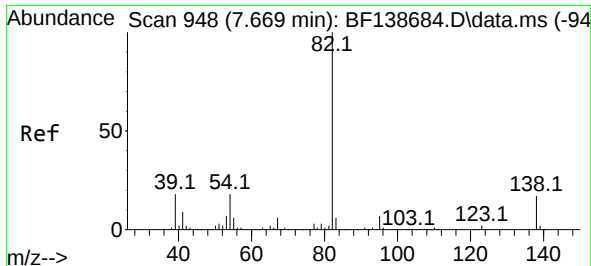
Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Tgt Ion: 77 Resp: 174798

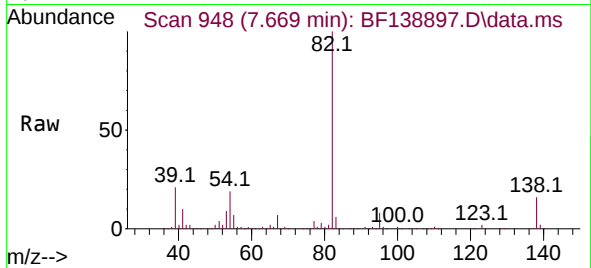
Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.3	49.9
65	14.7	11.9	17.9





#25
Isophorone
Concen: 48.855 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

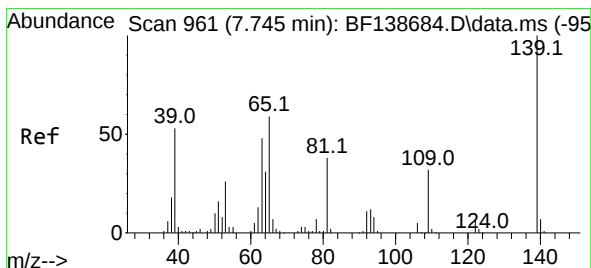
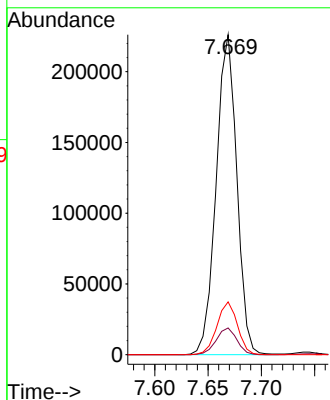
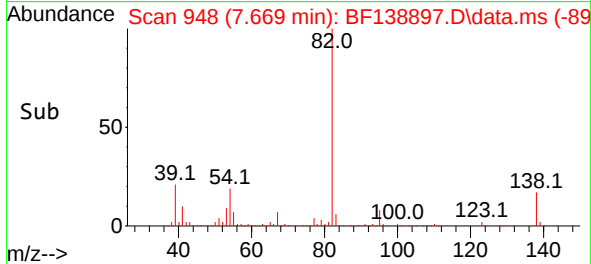
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion: 82 Resp: 304108
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 16.5 13.7 20.5

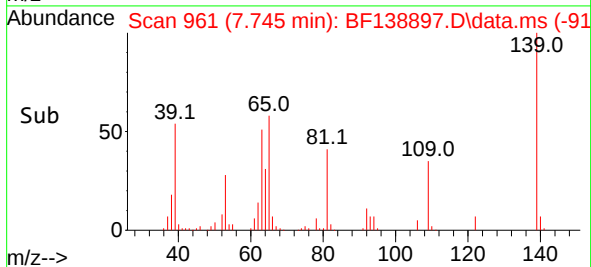
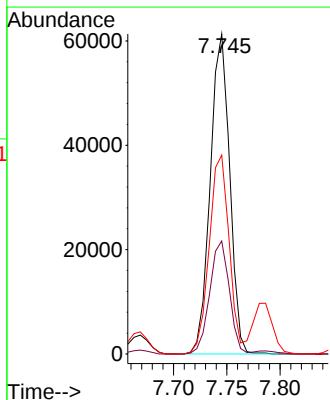
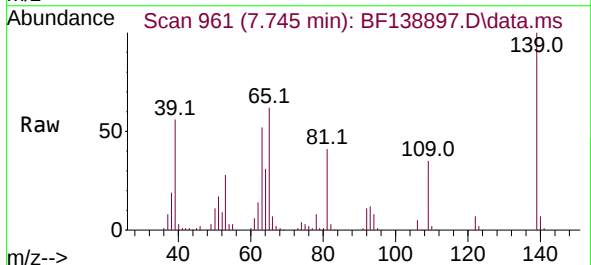
Manual Integrations
APPROVED

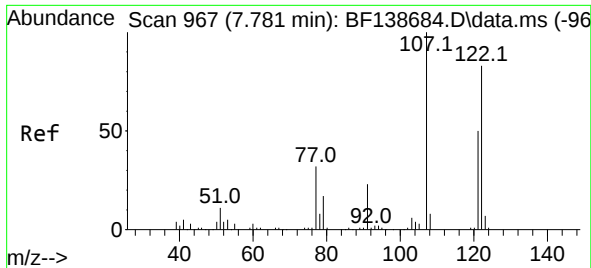
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#26
2-Nitrophenol
Concen: 48.642 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

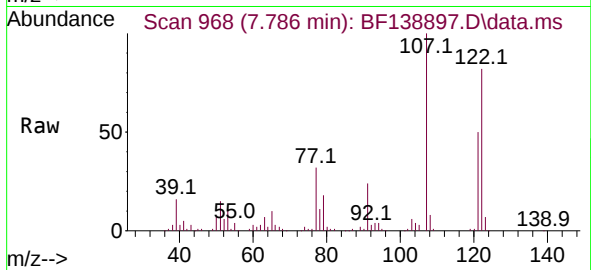
Tgt Ion:139 Resp: 77629
Ion Ratio Lower Upper
139 100
109 35.3 25.9 38.9
65 62.2 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 53.495 ng
RT: 7.786 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

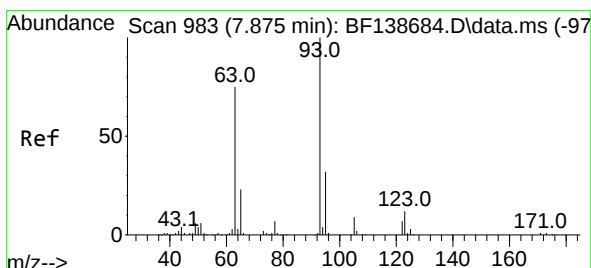
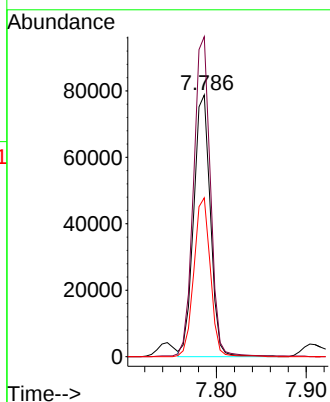
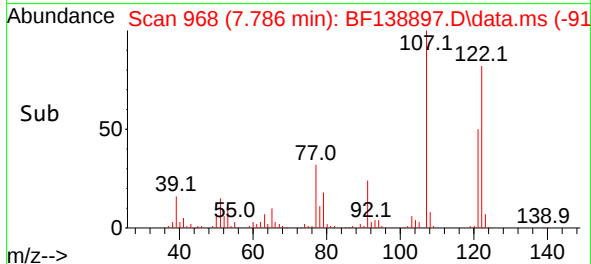
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:122 Resp: 102148
Ion Ratio Lower Upper
122 100
107 122.3 95.0 142.6
121 60.7 47.3 70.9

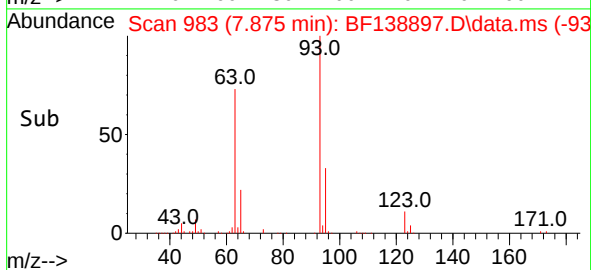
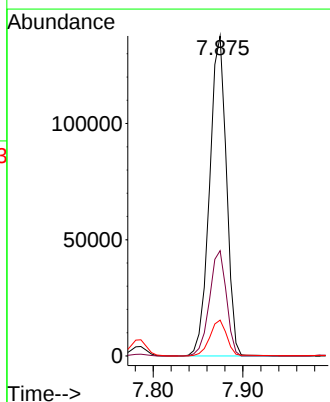
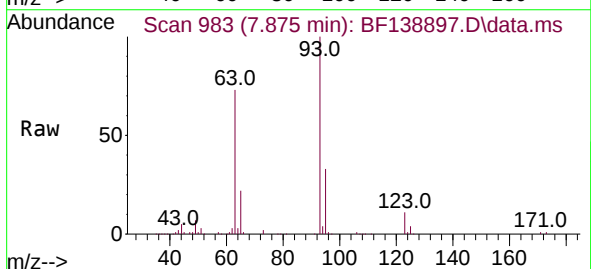
Manual Integrations
APPROVED

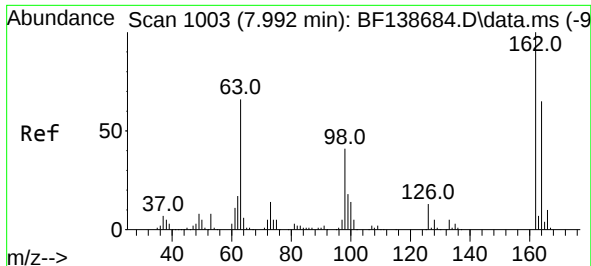
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.422 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion: 93 Resp: 179762
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.913 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138897.D

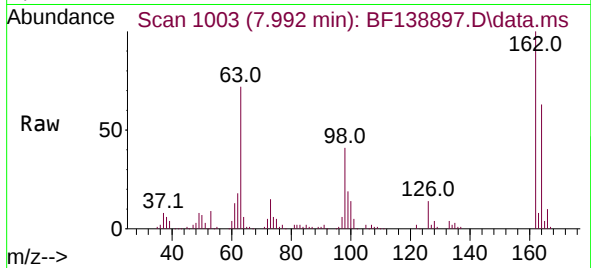
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS



Tgt Ion:162 Resp: 11756

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

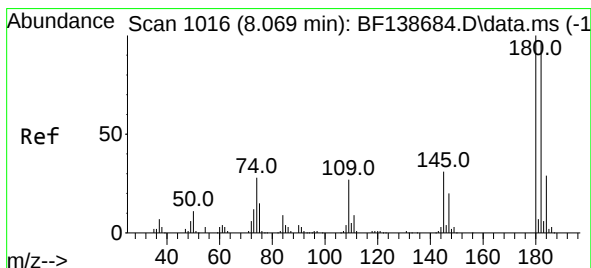
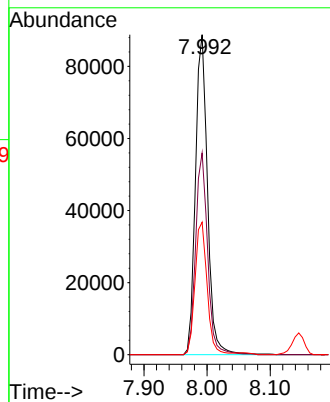
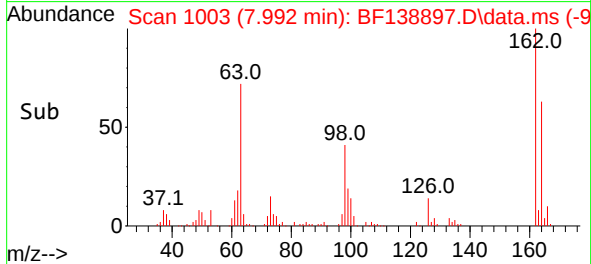
98 41.4 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.691 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

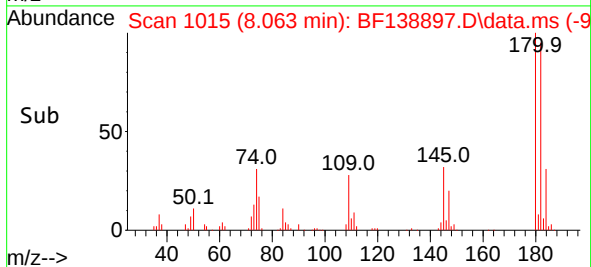
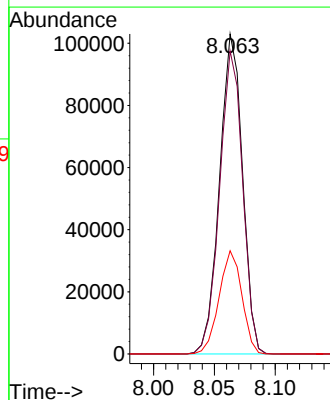
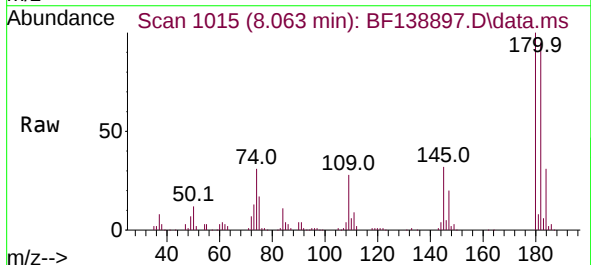
Tgt Ion:180 Resp: 135041

Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

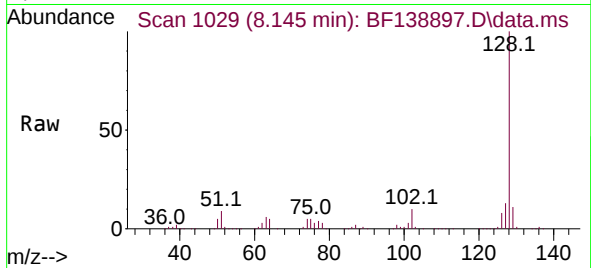
145 32.3 25.0 37.4





#31
Naphthalene
Concen: 47.267 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

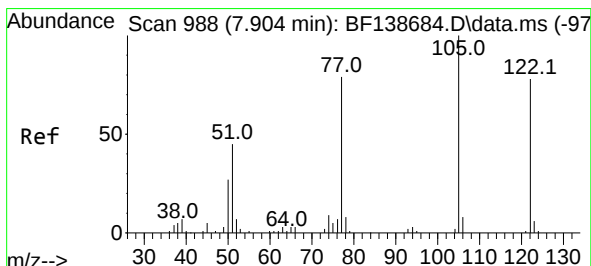
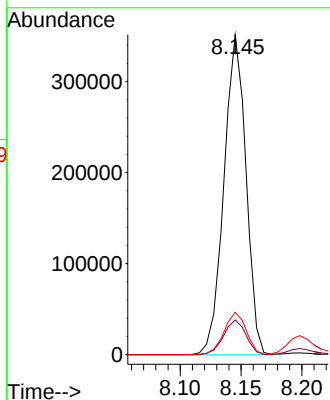
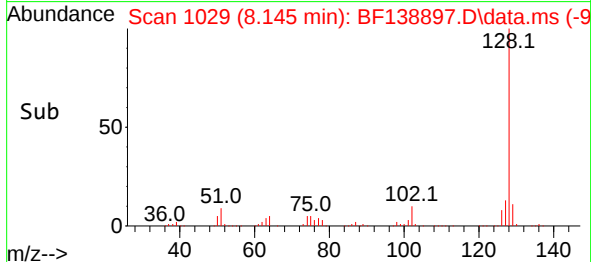
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:128 Resp: 443429
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 16.0

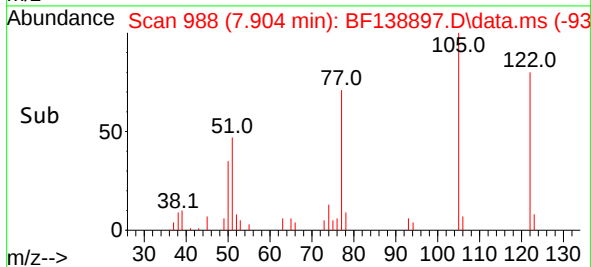
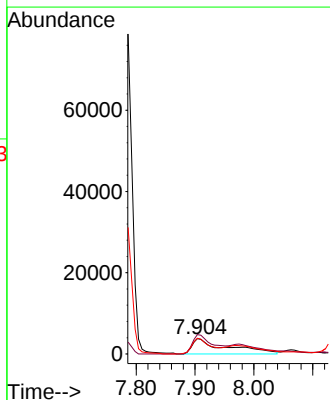
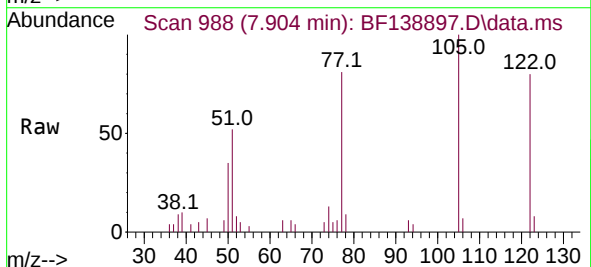
Manual Integrations
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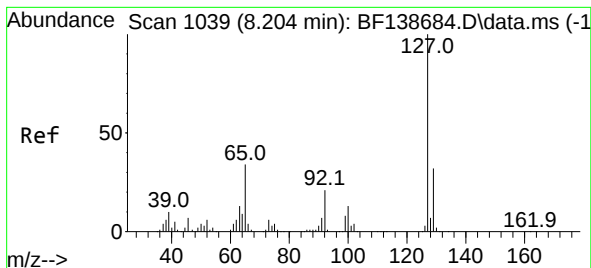
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#32
Benzoic acid
Concen: 10.284 ng m
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:122 Resp: 15436
Ion Ratio Lower Upper
122 100
105 125.5 106.7 146.7
77 101.5 81.1 121.1





#33

4-Chloroaniline

Concen: 10.329 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

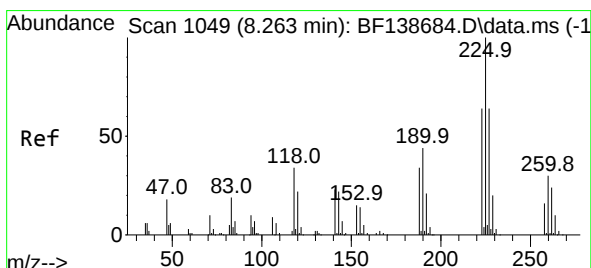
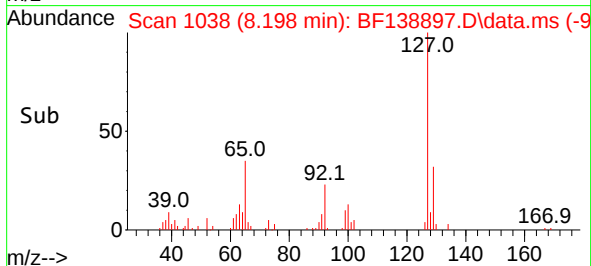
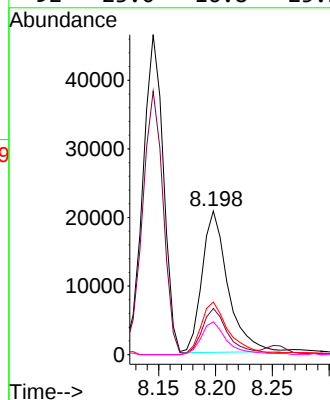
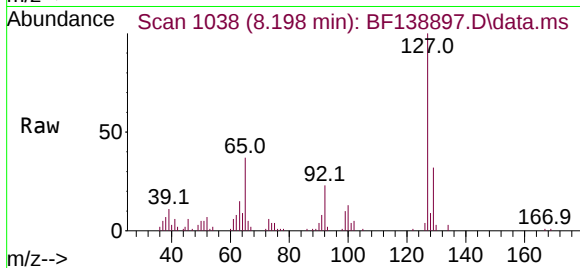
OR-02-080724MS

Tgt Ion:	127	Resp:	32520
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.9	38.9
65	36.6	27.6	41.4
92	23.0	16.8	25.2

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 50.229 ng

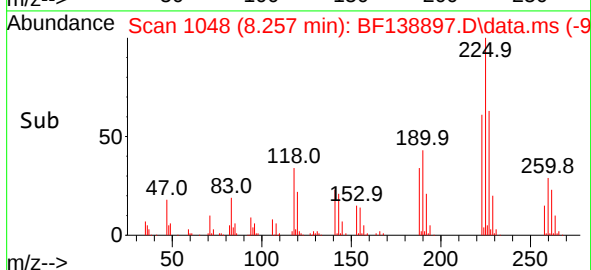
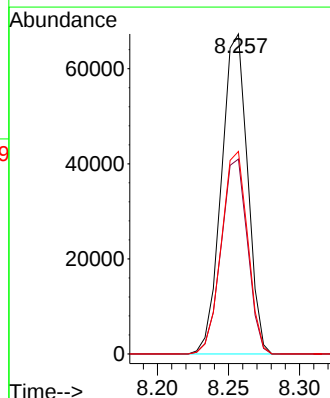
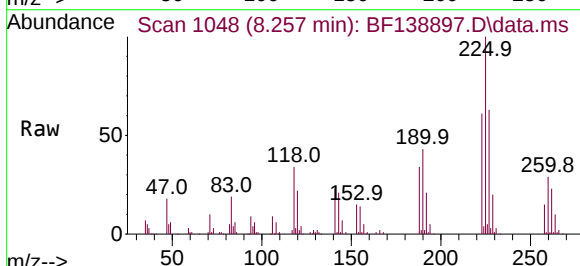
RT: 8.257 min Scan# 1048

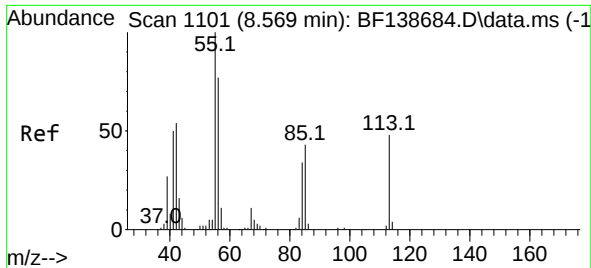
Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

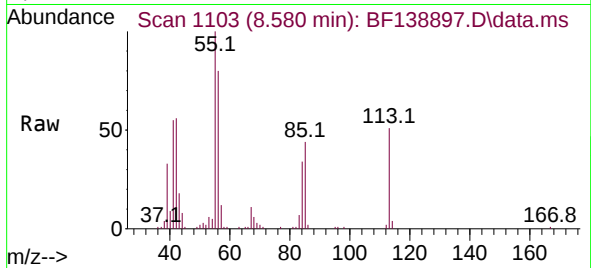
Tgt Ion:	225	Resp:	86147
Ion Ratio	Lower	Upper	
225	100		
223	60.9	51.2	76.8
227	63.3	51.1	76.7





#35
 Caprolactam
 Concen: 39.155 ng
 RT: 8.580 min Scan# 1101
 Delta R.T. 0.012 min
 Lab File: BF138897.D
 Acq: 09 Aug 2024 19:36

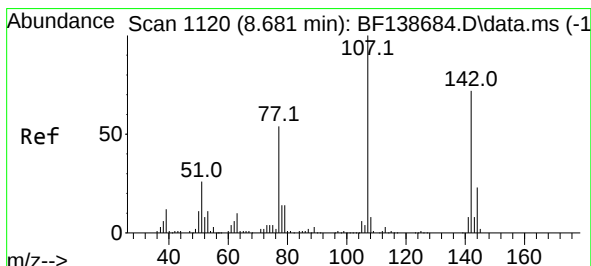
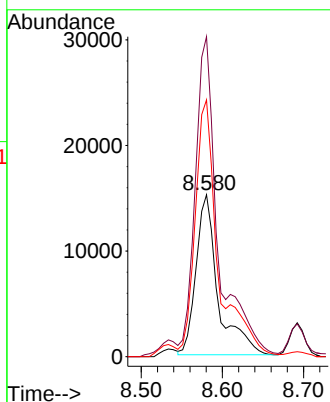
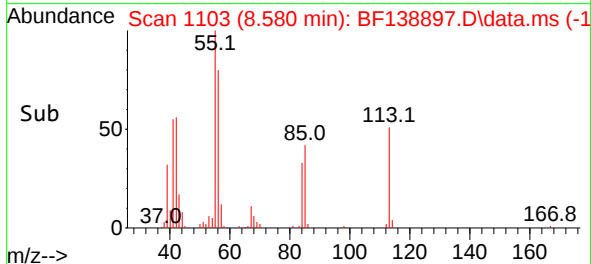
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080724MS



Tgt Ion:113 Resp: 2866
 Ion Ratio Lower Upper
 113 100
 55 197.6 186.7 226.7
 56 158.6 138.9 178.9

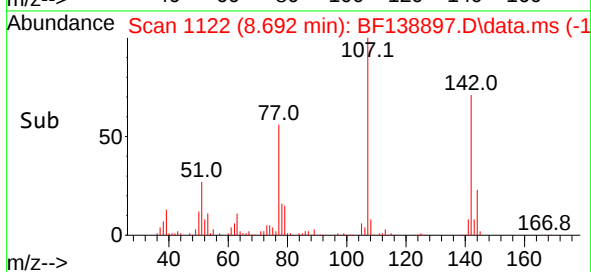
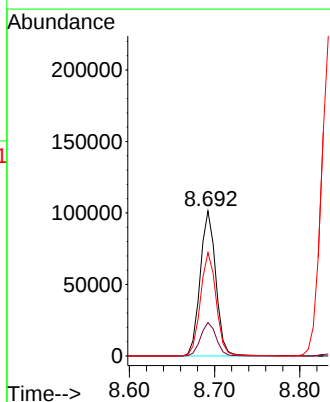
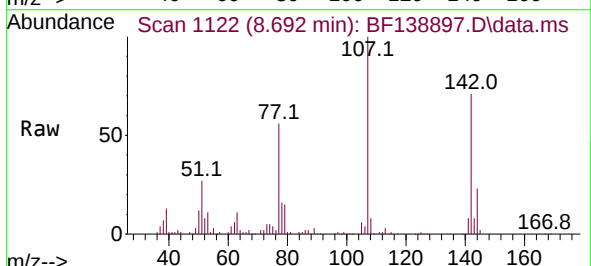
Manual Integrations
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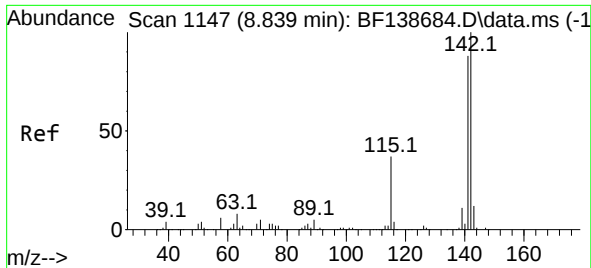
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024



#36
 4-Chloro-3-methylphenol
 Concen: 46.207 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF138897.D
 Acq: 09 Aug 2024 19:36

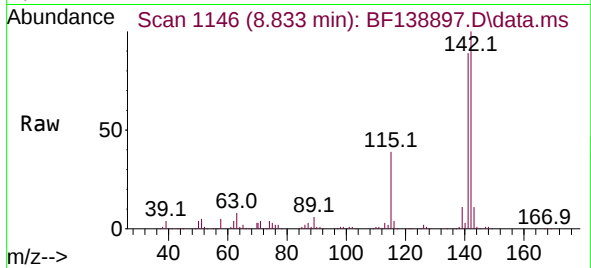
Tgt Ion:107 Resp: 129572
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.2 27.2
 142 71.3 57.4 86.2





#37
2-Methylnaphthalene
Concen: 47.594 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

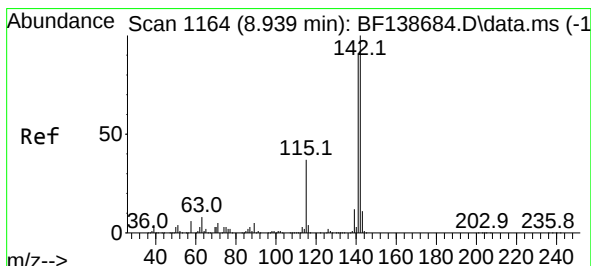
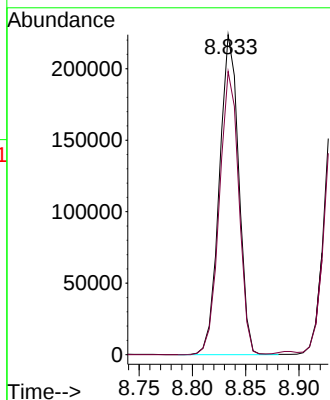
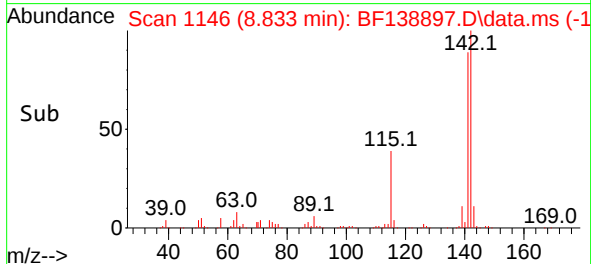
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:142 Resp: 281980
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2

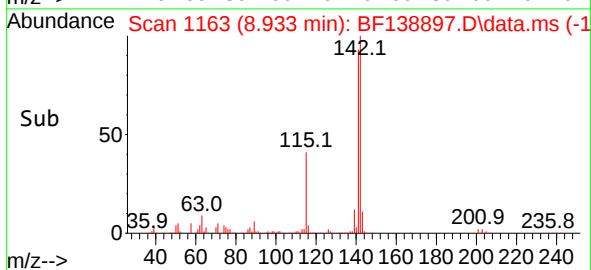
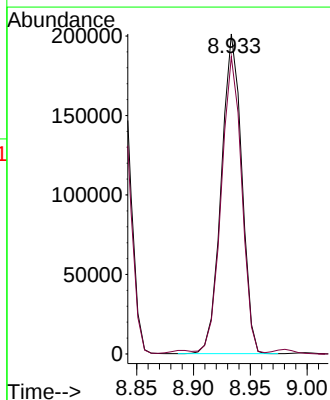
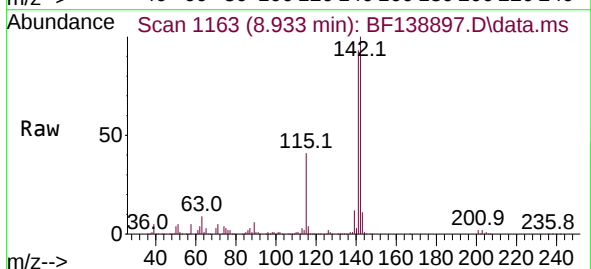
Manual Integrations
APPROVED

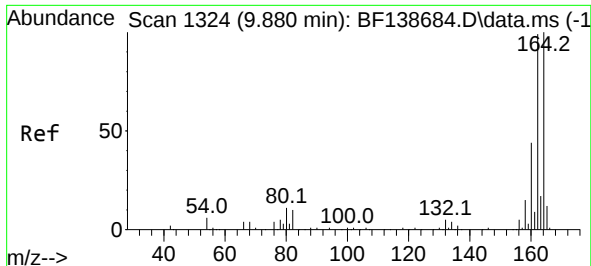
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#38
1-Methylnaphthalene
Concen: 43.376 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

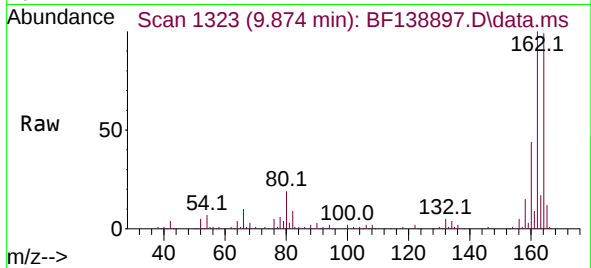
Tgt Ion:142 Resp: 251834
Ion Ratio Lower Upper
142 100
141 92.9 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

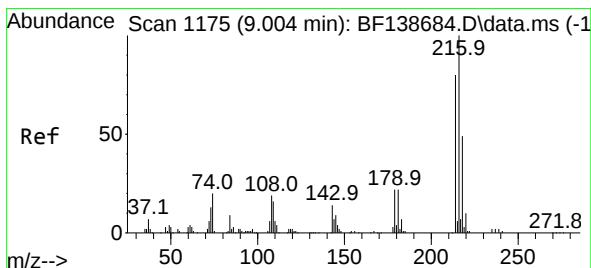
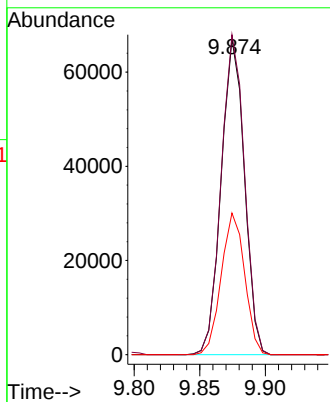
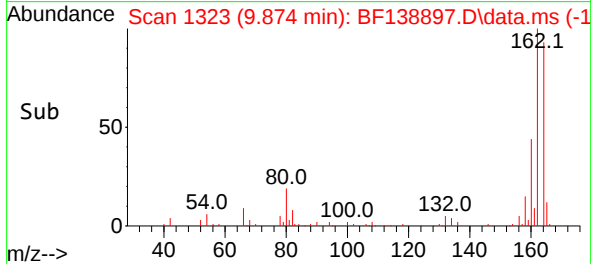
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:164 Resp: 82494
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 44.9 35.1 52.7

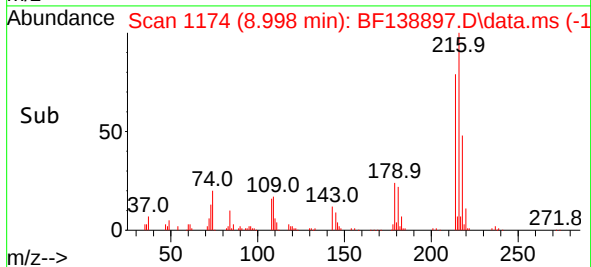
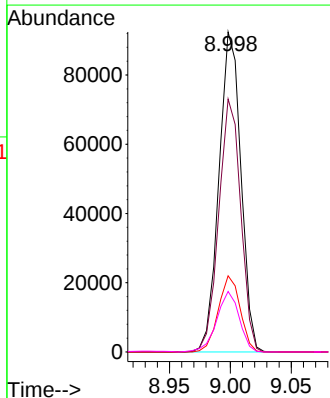
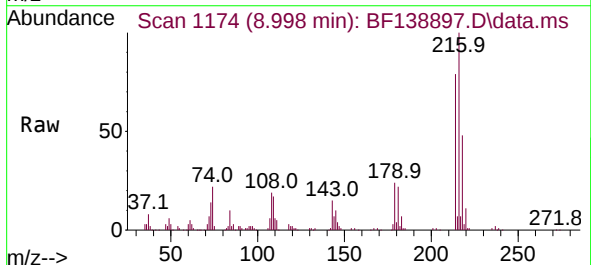
Manual Integrations
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Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.599 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

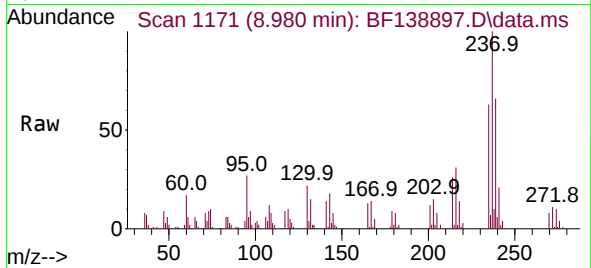
Tgt Ion:216 Resp: 115953
Ion Ratio Lower Upper
216 100
214 78.9 63.9 95.9
179 23.7 17.8 26.6
108 19.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 43.510 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

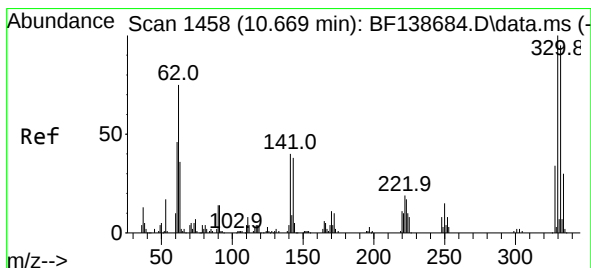
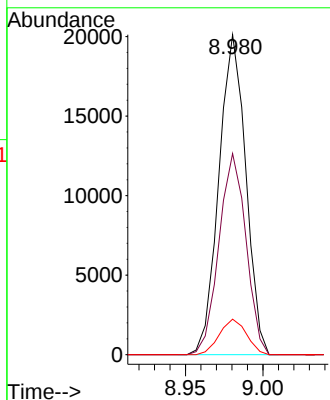
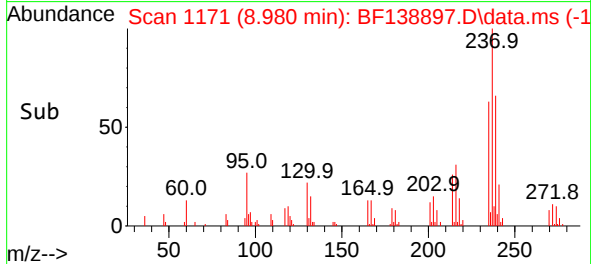
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:237 Resp: 24280
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 11.1 0.0 32.2

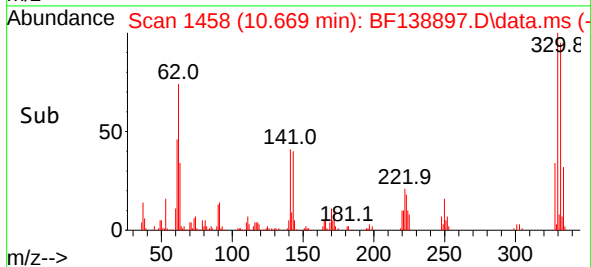
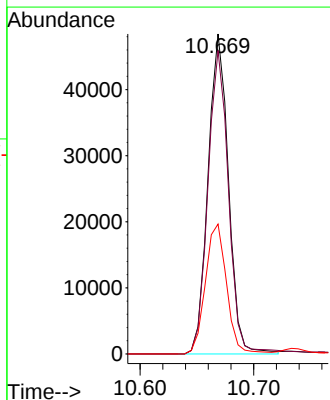
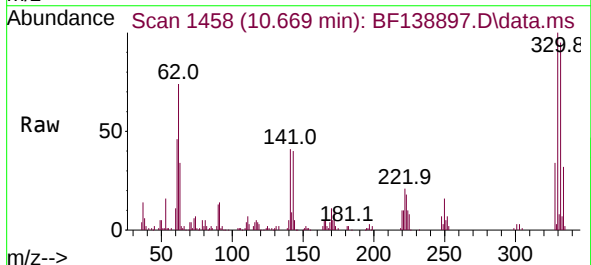
Manual Integrations
APPROVED

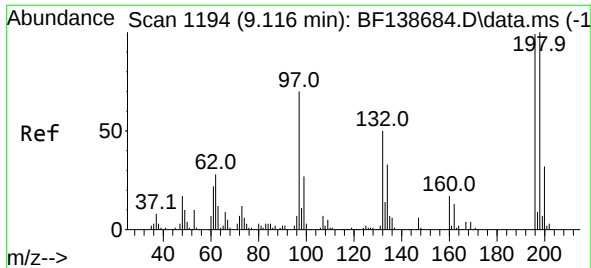
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#42
2,4,6-Tribromophenol
Concen: 89.501 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

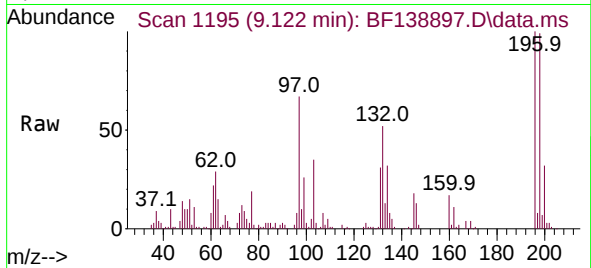
Tgt Ion:330 Resp: 60479
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 42.3 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 50.308 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

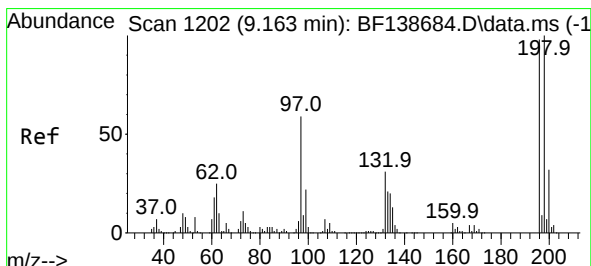
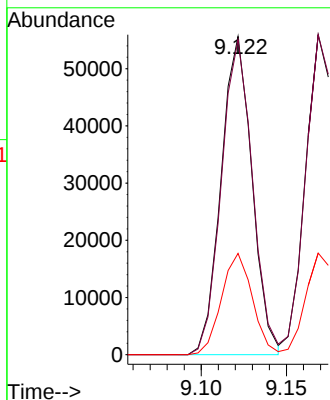
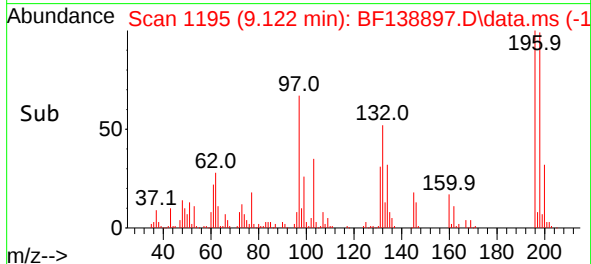
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



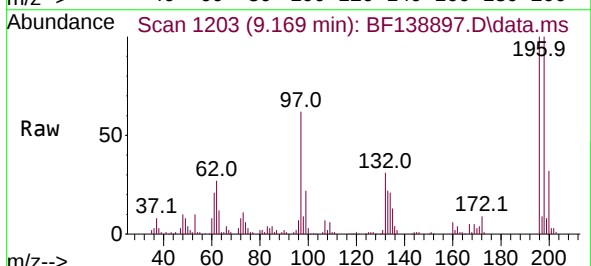
Tgt Ion:196 Resp: 7029
Ion Ratio Lower Upper
196 100
198 99.0 80.5 120.7
200 31.8 25.9 38.9

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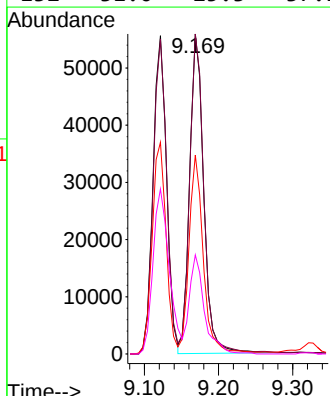
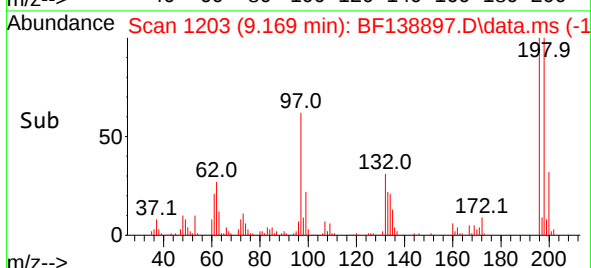
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

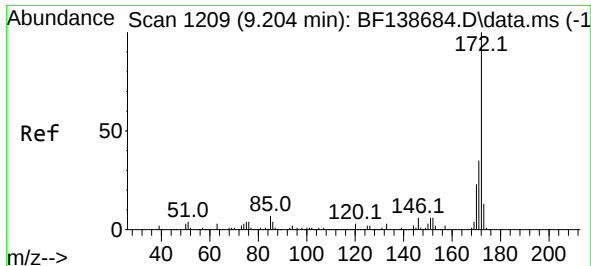


#44
2,4,5-Trichlorophenol
Concen: 48.267 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36



Tgt Ion:196 Resp: 73725
Ion Ratio Lower Upper
196 100
198 100.1 81.2 121.8
97 62.2 47.8 71.6
132 31.0 25.3 37.9





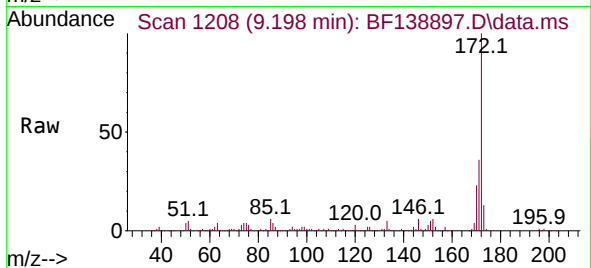
#45
2-Fluorobiphenyl
Concen: 76.255 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

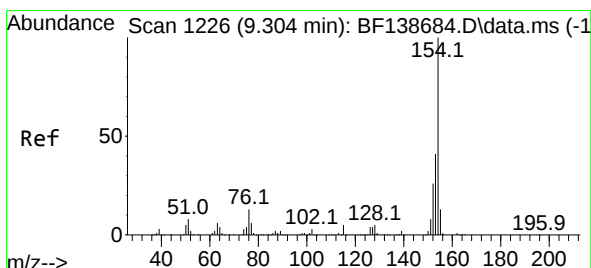
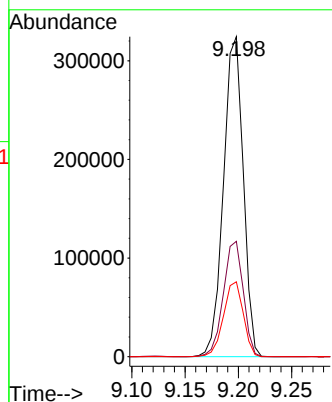
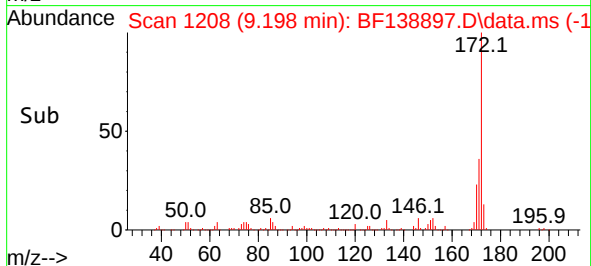


Tgt Ion:172 Resp: 418670
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.4 18.8 28.2

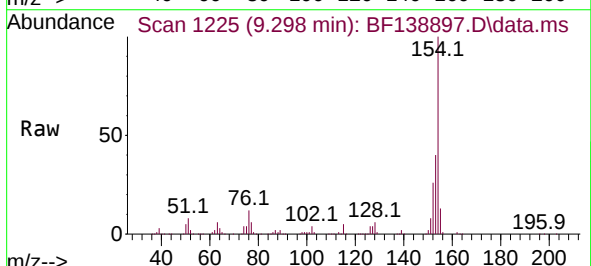
Manual Integrations

APPROVED

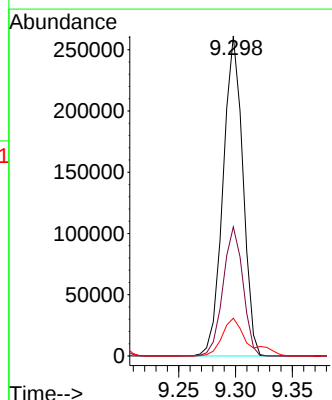
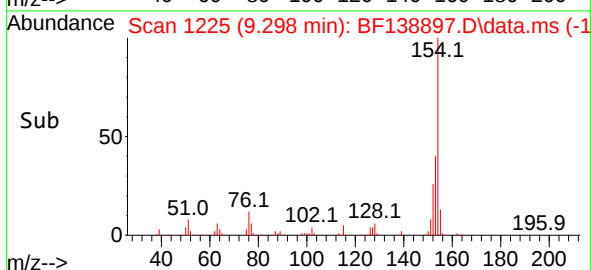
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

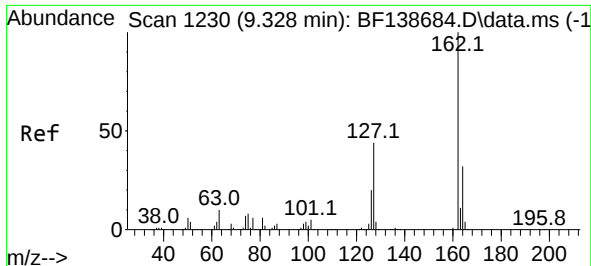


#46
1,1'-Biphenyl
Concen: 49.092 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36



Tgt Ion:154 Resp: 317177
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 11.8 0.0 32.8





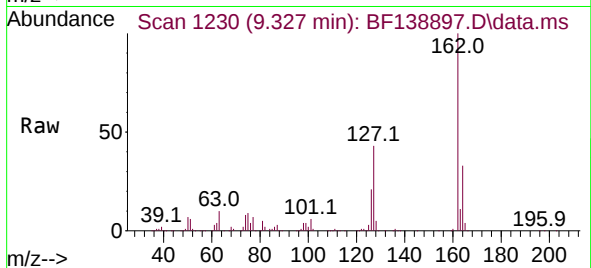
#47
2-Chloronaphthalene
Concen: 50.184 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

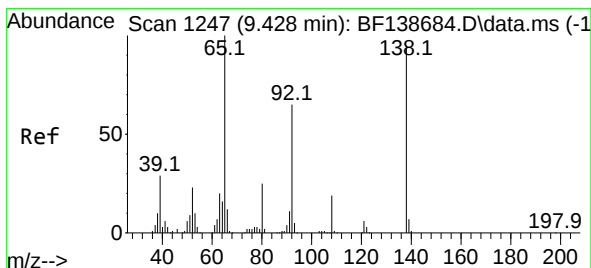
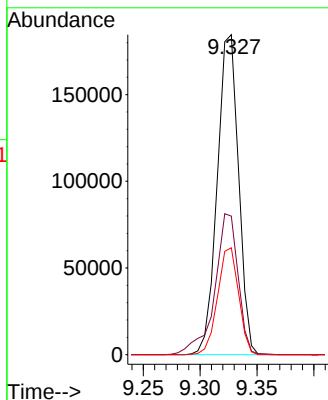
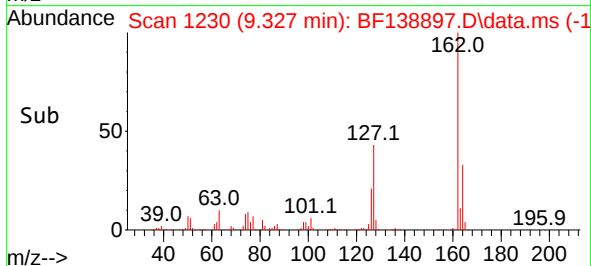


Tgt Ion:162 Resp: 241138
Ion Ratio Lower Upper
162 100
127 43.3 35.4 53.2
164 33.4 25.6 38.4

Manual Integrations

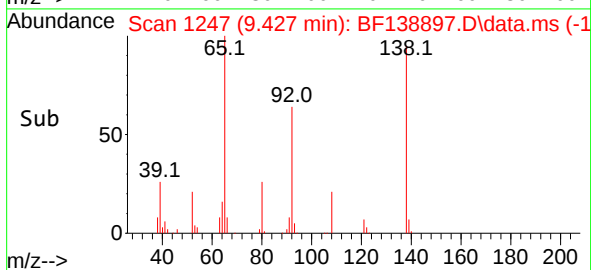
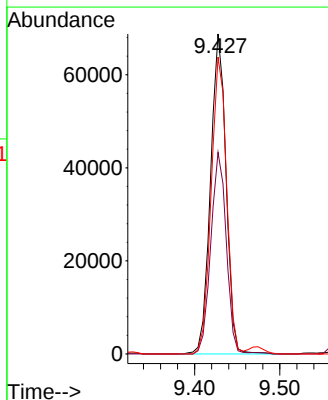
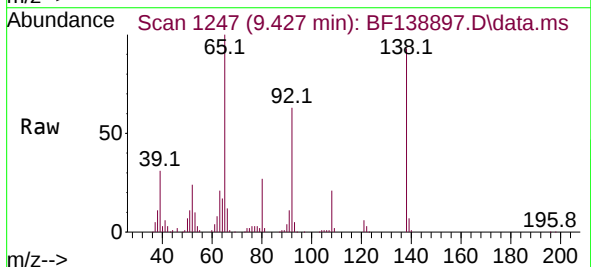
APPROVED

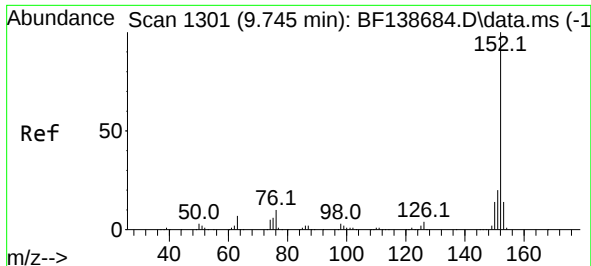
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#48
2-Nitroaniline
Concen: 53.548 ng
RT: 9.427 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion: 65 Resp: 87229
Ion Ratio Lower Upper
65 100
92 63.0 52.0 78.0
138 92.7 76.2 114.4





#49

Acenaphthylene

Concen: 52.261 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

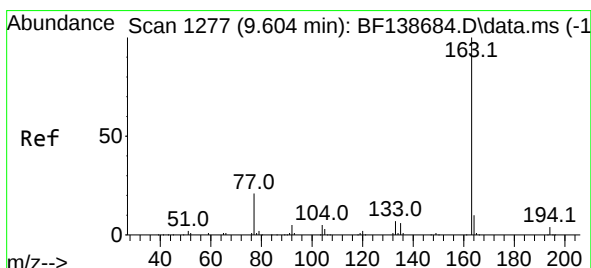
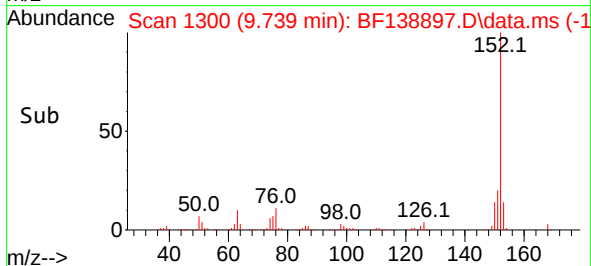
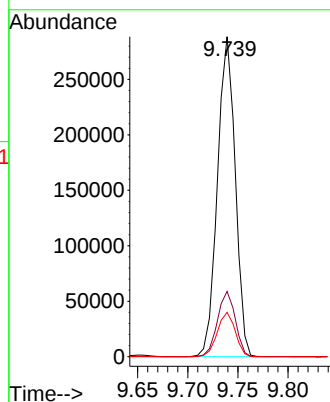
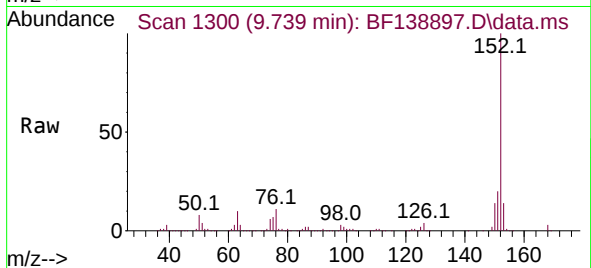
Tgt Ion:152	Resp: 356162
Ion Ratio	Lower Upper
152	100
151	20.4 16.0 24.0
153	13.8 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#50

Dimethylphthalate

Concen: 56.377 ng

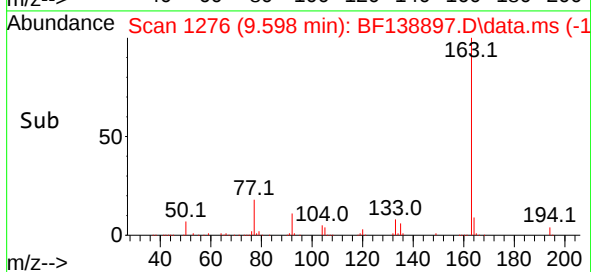
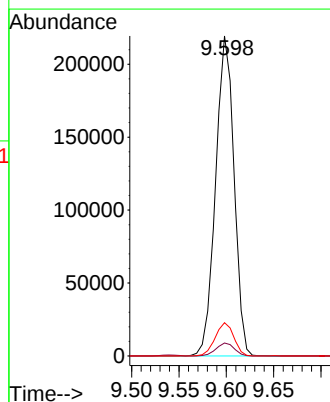
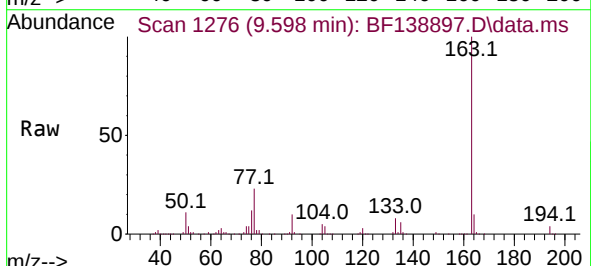
RT: 9.598 min Scan# 1276

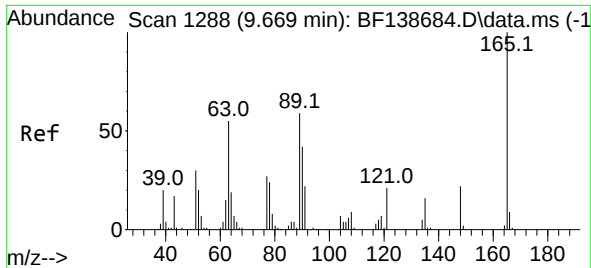
Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Tgt Ion:163	Resp: 297377
Ion Ratio	Lower Upper
163	100
194	4.0 3.1 4.7
164	10.4 7.8 11.8





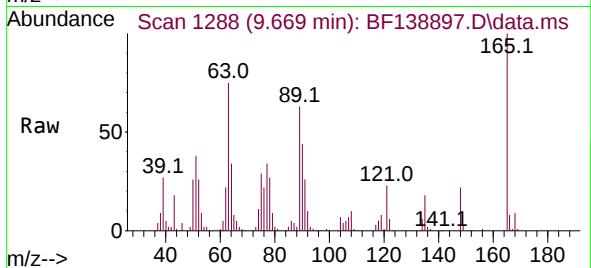
#51
2,6-Dinitrotoluene
Concen: 49.220 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

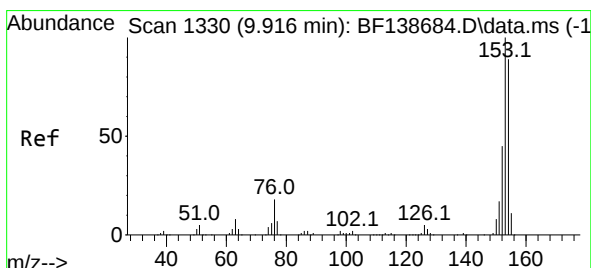
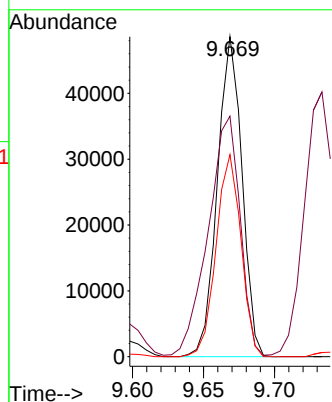
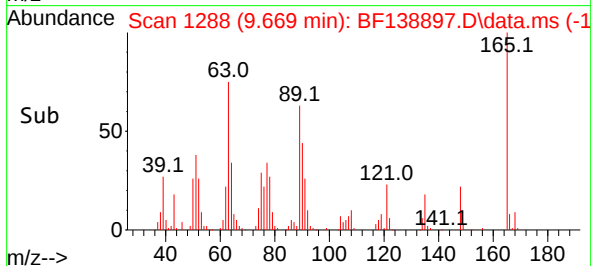


Tgt Ion:165 Resp: 5859
Ion Ratio Lower Upper
165 100
63 75.1 52.0 78.0
89 63.2 47.0 70.6

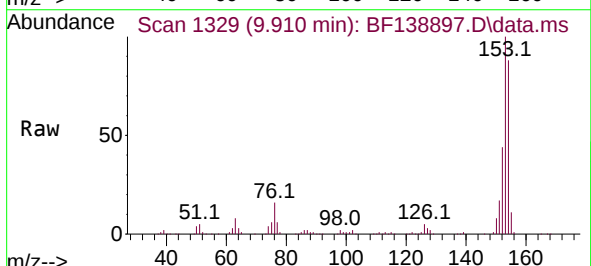
Manual Integrations

APPROVED

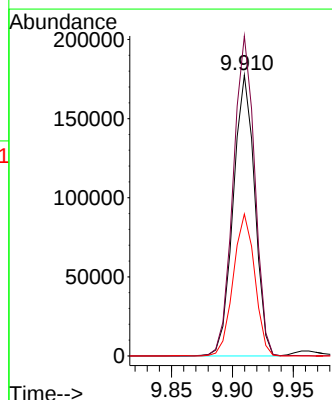
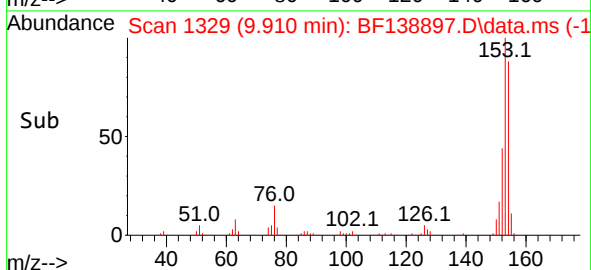
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

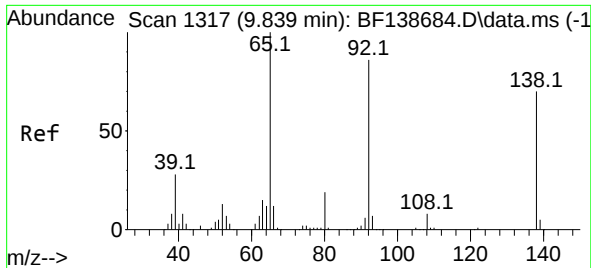


#52
Acenaphthene
Concen: 47.630 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36



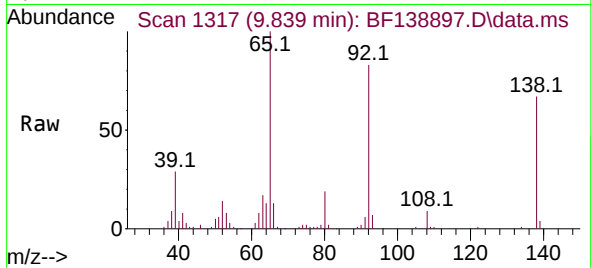
Tgt Ion:154 Resp: 218204
Ion Ratio Lower Upper
154 100
153 113.9 89.9 134.9
152 50.5 40.6 60.8





#53
3-Nitroaniline
Concen: 27.909 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

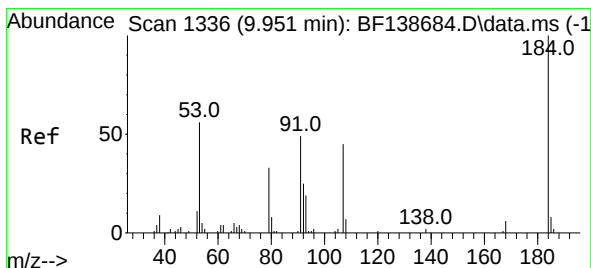
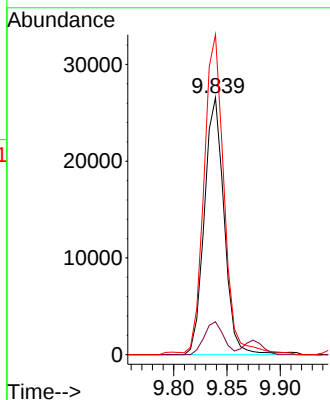
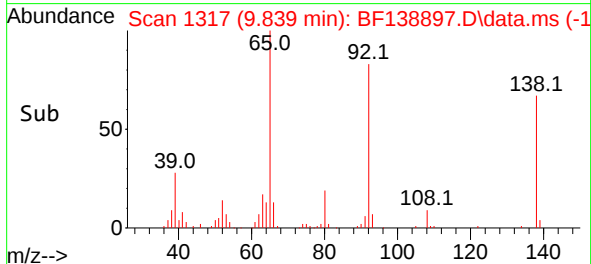
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:138 Resp: 3434
Ion Ratio Lower Upper
138 100
108 12.8 9.1 13.7
92 124.4 98.7 148.1

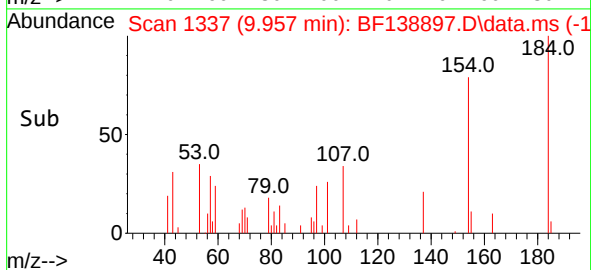
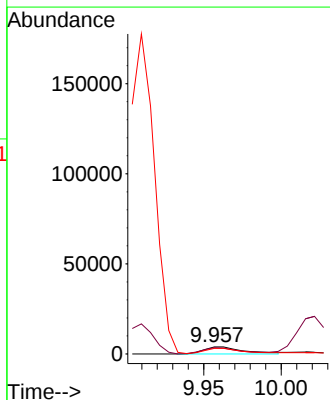
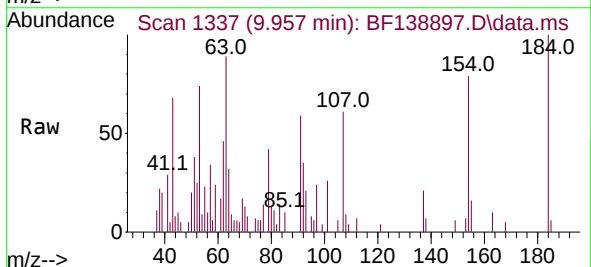
Manual Integrations
APPROVED

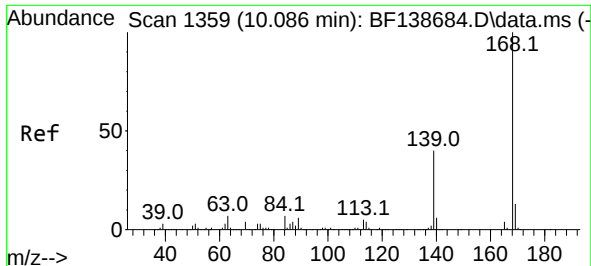
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#54
2,4-Dinitrophenol
Concen: 12.809 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

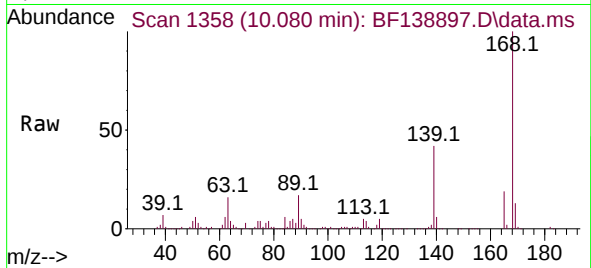
Tgt Ion:184 Resp: 7019
Ion Ratio Lower Upper
184 100
63 89.1 57.5 86.3#
154 79.3 51.7 77.5#





#55
Dibenzenofuran
Concen: 49.939 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

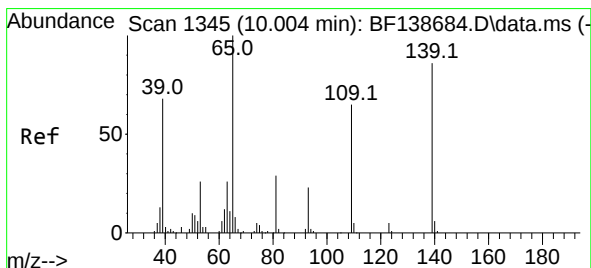
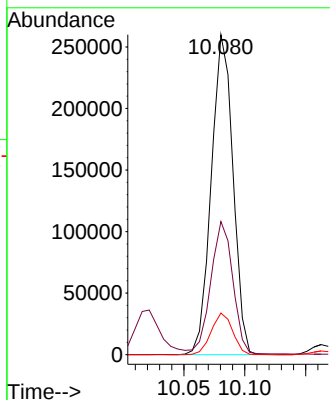
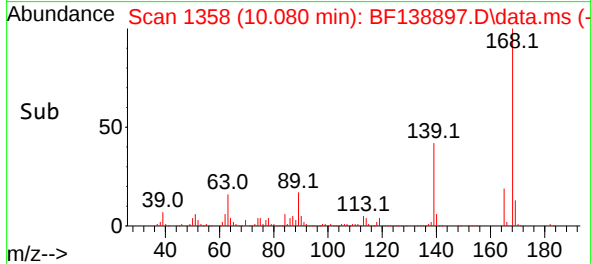
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:168 Resp: 322940
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.0 10.7 16.1

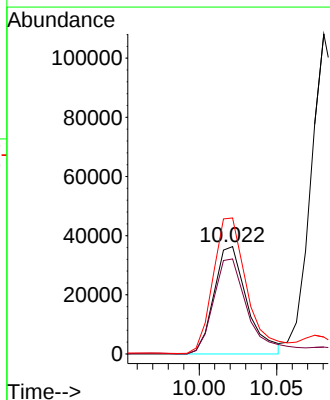
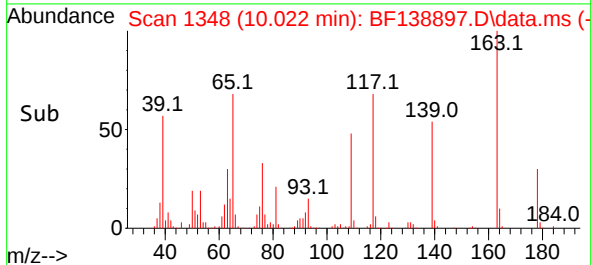
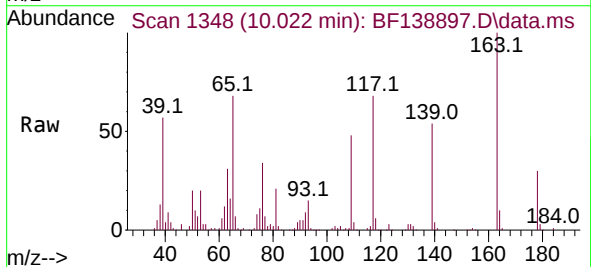
Manual Integrations
APPROVED

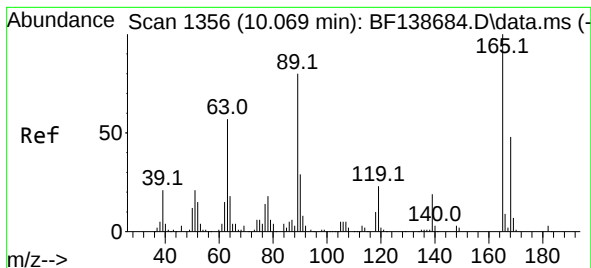
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#56
4-Nitrophenol
Concen: 72.829 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:139 Resp: 53896
Ion Ratio Lower Upper
139 100
109 88.5 55.5 95.5
65 126.6 96.7 136.7





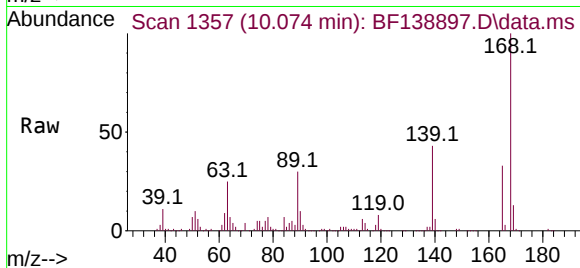
#57
2,4-Dinitrotoluene
Concen: 48.077 ng
RT: 10.074 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS



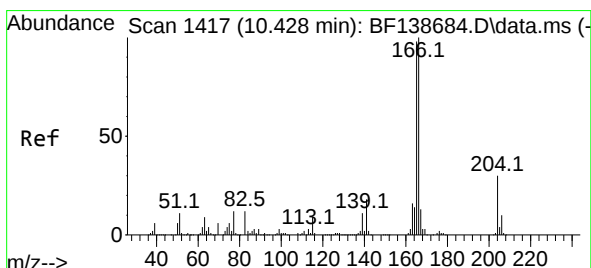
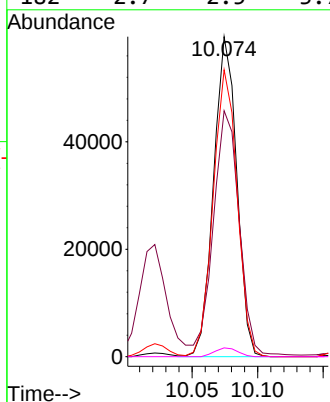
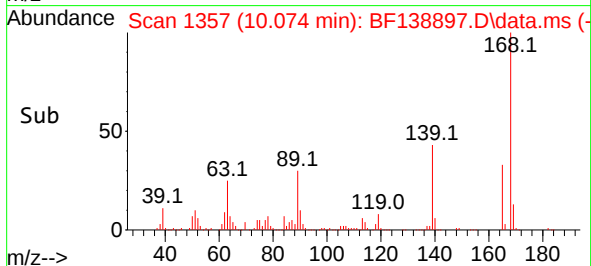
Tgt Ion:165 Resp: 73018
Ion Ratio Lower Upper
165 100
63 76.8 46.3 69.5
89 89.6 64.2 96.4
182 2.7 2.5 3.7

Manual Integrations

APPROVED

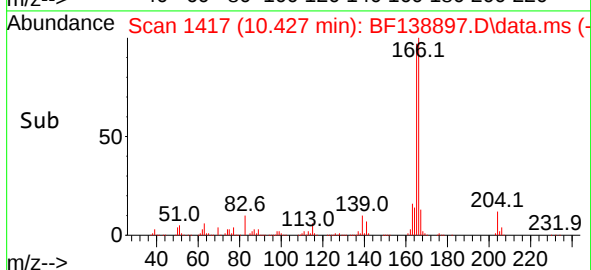
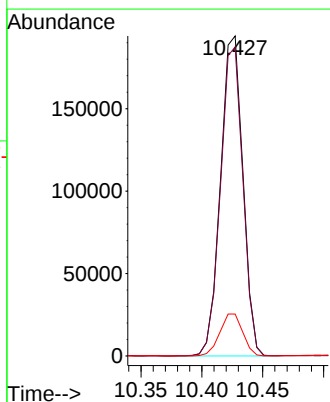
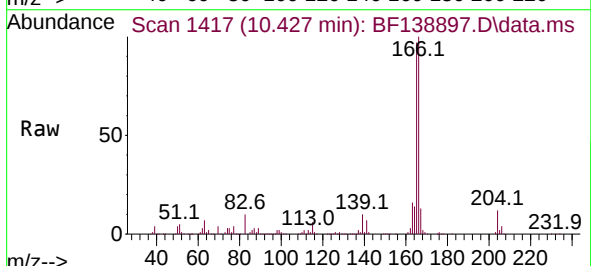
Reviewed By :Yogesh Patel 08/10/2024

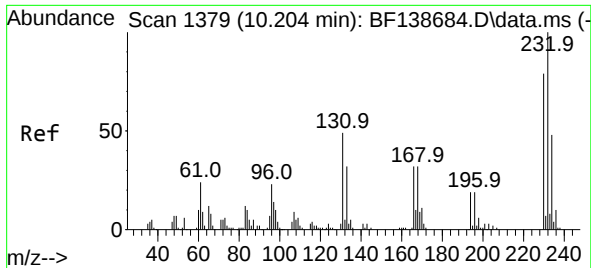
Supervised By :mohammad ahmed 08/12/2024



#58
Fluorene
Concen: 48.320 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

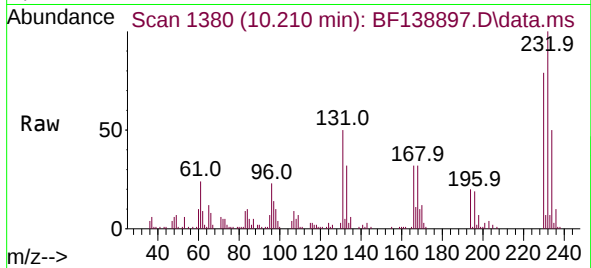
Tgt Ion:166 Resp: 248838
Ion Ratio Lower Upper
166 100
165 96.5 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.803 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

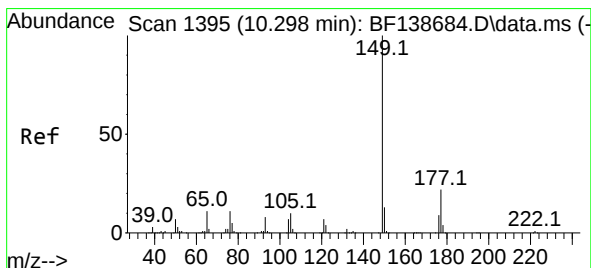
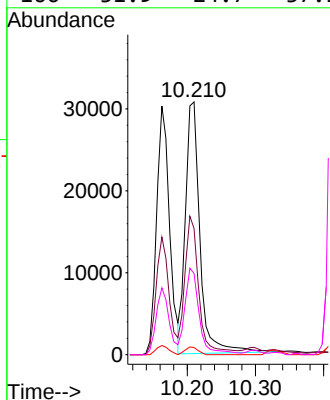
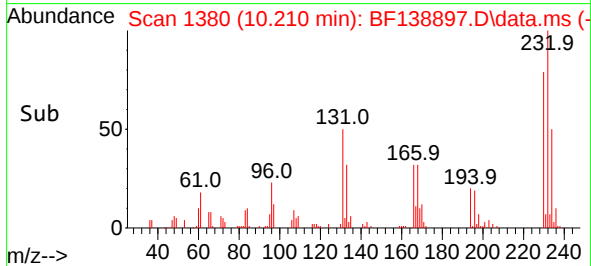
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:232 Resp: 45312
Ion Ratio Lower Upper
232 100
131 49.1 37.0 55.4
130 2.7 2.0 3.0
166 31.9 24.7 37.1

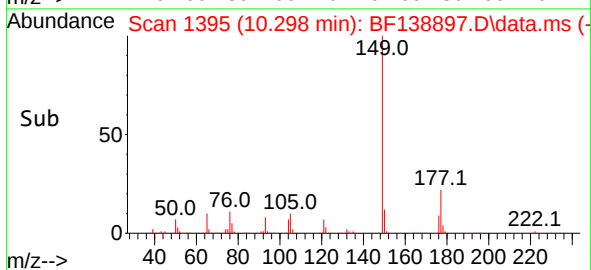
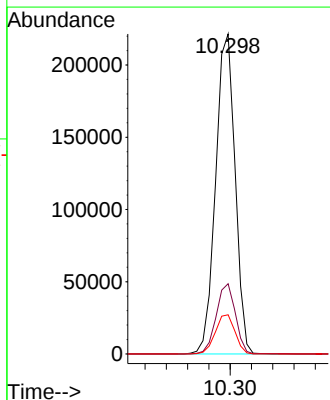
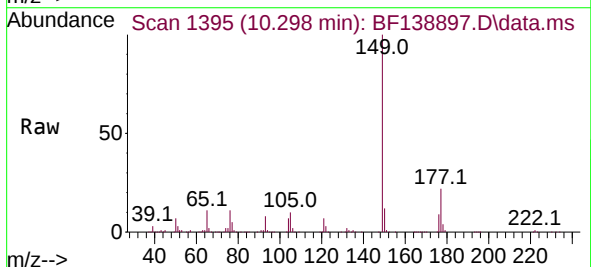
Manual Integrations
APPROVED

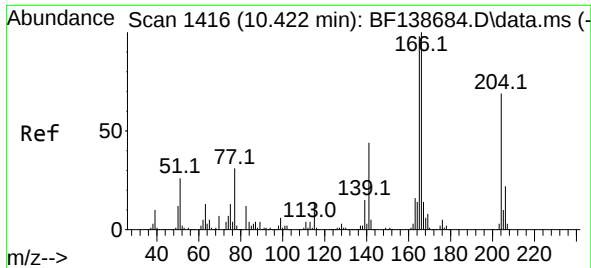
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#60
Diethylphthalate
Concen: 56.001 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:149 Resp: 280085
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.3 10.1 15.1





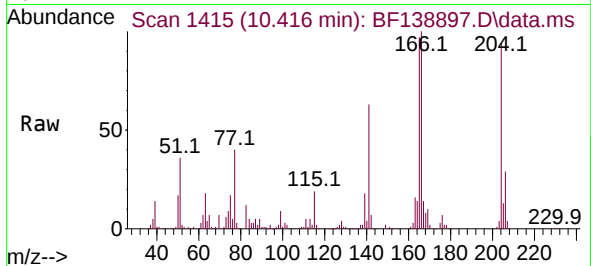
#61
4-Chlorophenyl-phenylether
Concen: 49.183 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

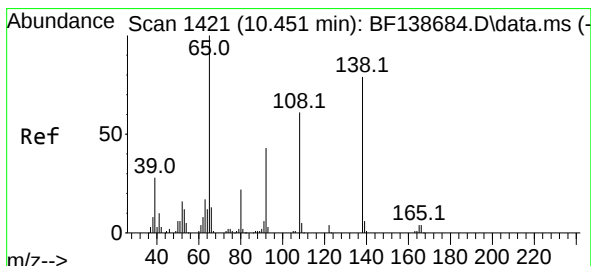
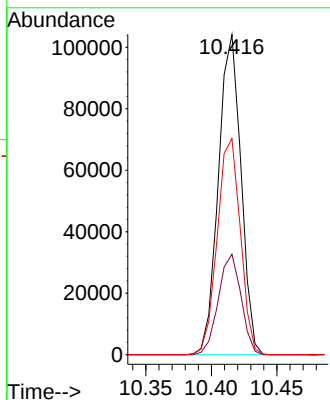
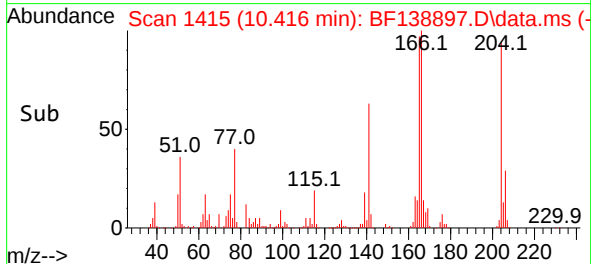
OR-02-080724MS



Tgt Ion:204 Resp: 124570
Ion Ratio Lower Upper
204 100
206 31.4 26.1 39.1
141 67.6 51.4 77.0

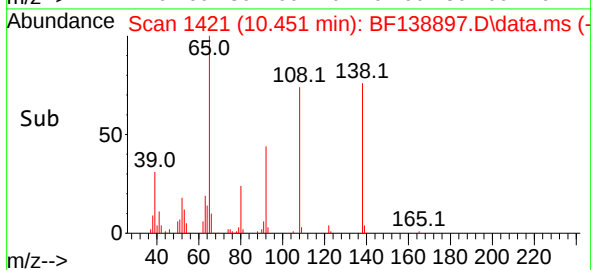
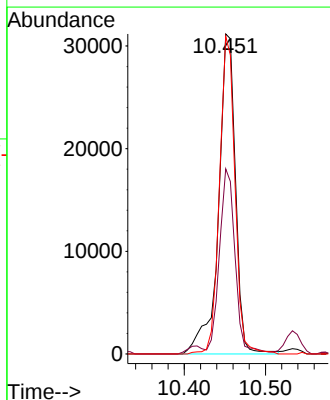
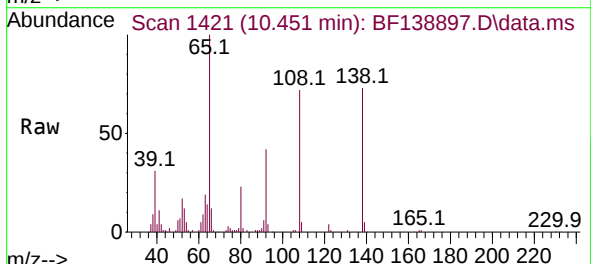
Manual Integrations
APPROVED

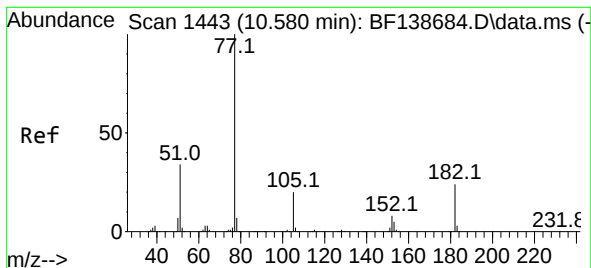
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#62
4-Nitroaniline
Concen: 38.999 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:138 Resp: 45608
Ion Ratio Lower Upper
138 100
92 57.9 34.2 74.2
108 99.2 56.2 96.2#





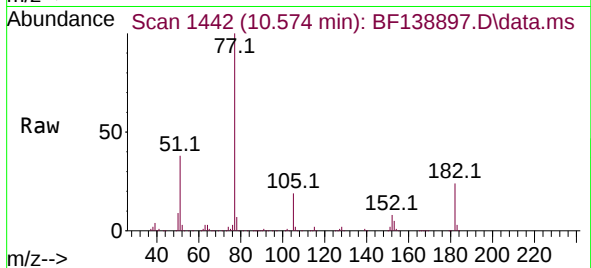
#63
Azobenzene
Concen: 47.376 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS



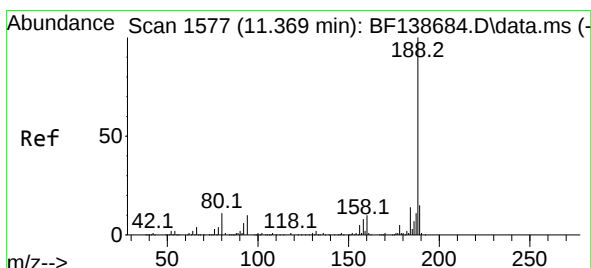
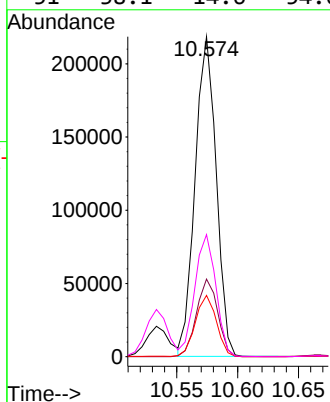
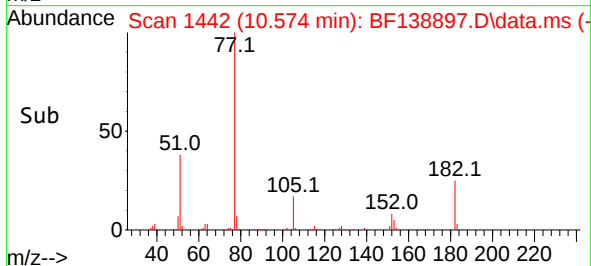
Tgt Ion: 77 Resp: 262798
Ion Ratio Lower Upper
77 100
182 24.3 3.4 43.4
105 19.2 0.2 40.2
51 38.1 14.6 54.6

Manual Integrations

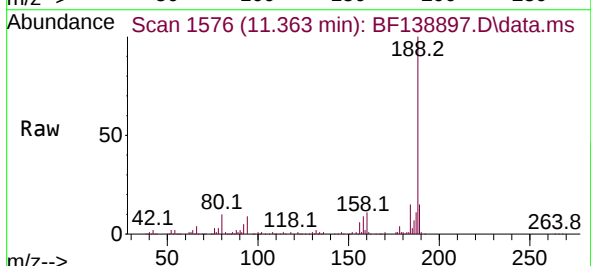
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

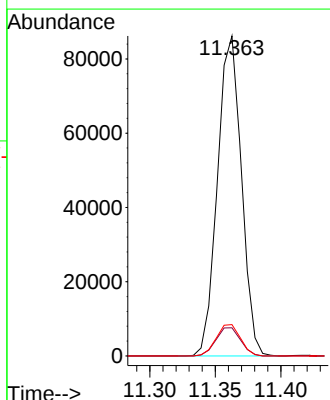
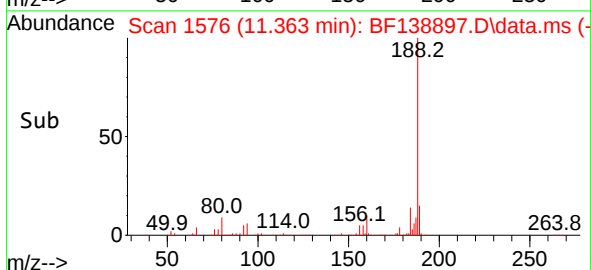
Supervised By :mohammad ahmed 08/12/2024

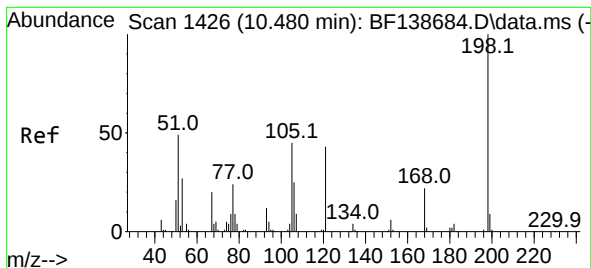


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36



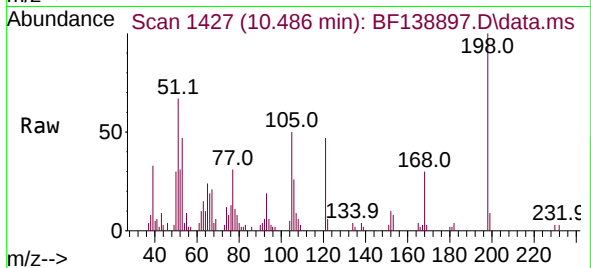
Tgt Ion:188 Resp: 109336
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.8 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 18.011 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

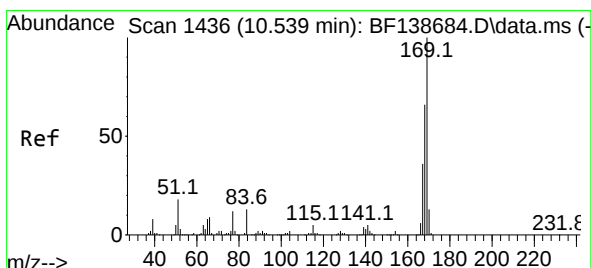
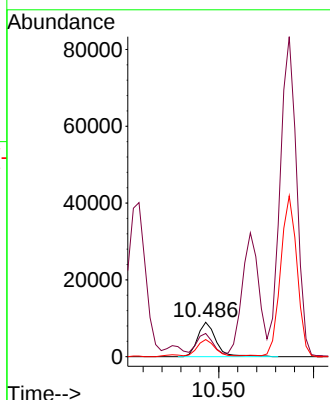
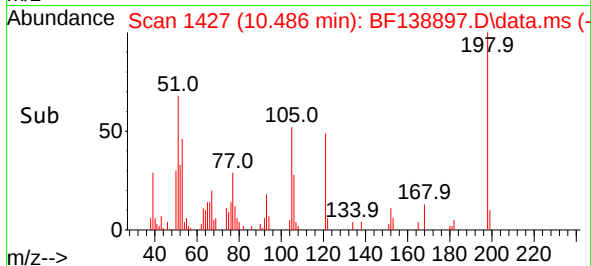
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



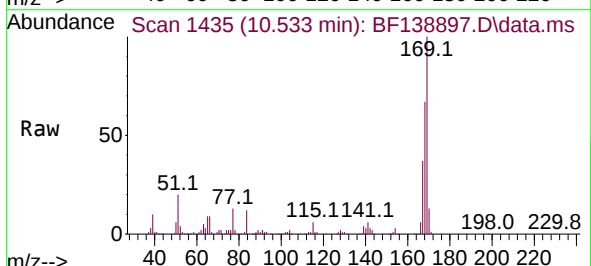
Tgt Ion:198 Resp: 12014
Ion Ratio Lower Upper
198 100
51 67.3 39.9 79.9
105 49.6 26.1 66.1

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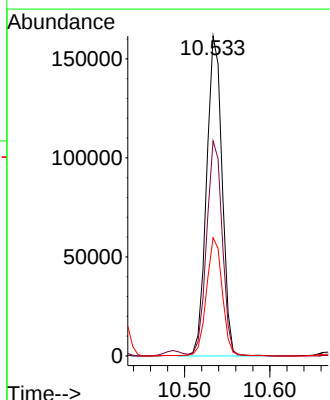
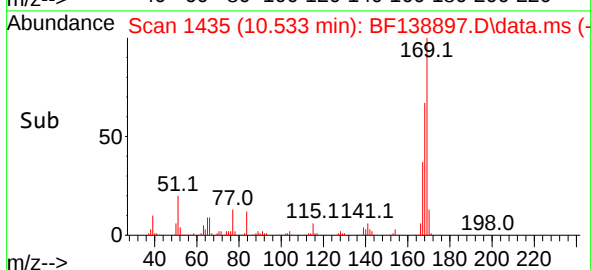
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#66
n-Nitrosodiphenylamine
Concen: 59.725 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36



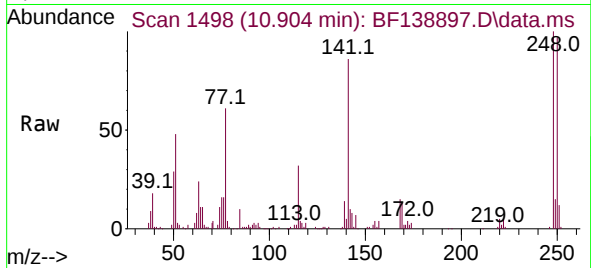
Tgt Ion:169 Resp: 204117
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 55.654 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

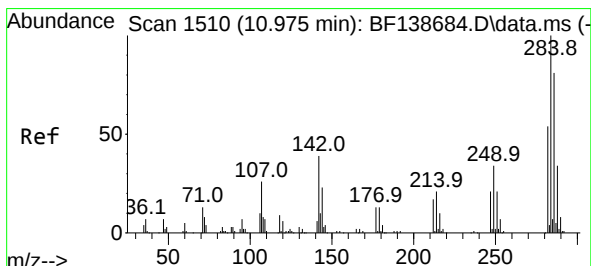
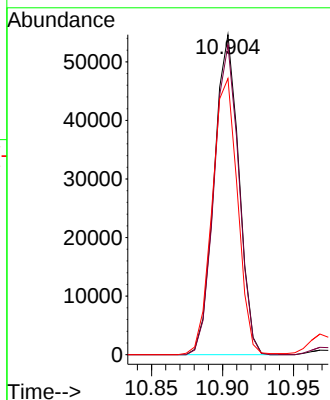
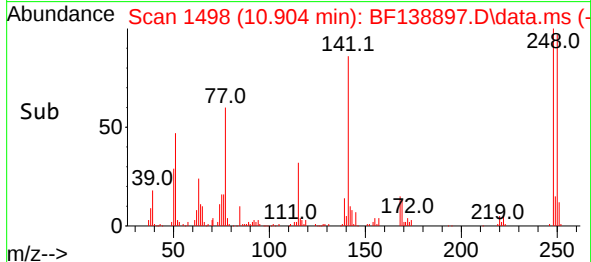
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:248 Resp: 6588
Ion Ratio Lower Upper
248 100
250 96.8 77.7 116.5
141 86.3 68.0 102.0

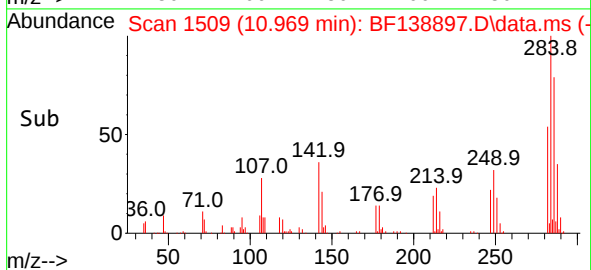
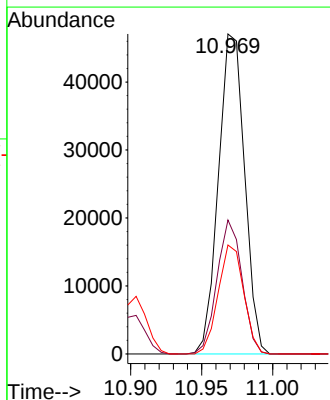
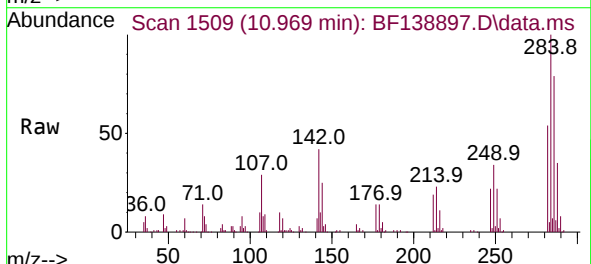
Manual Integrations
APPROVED

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



#68
Hexachlorobenzene
Concen: 49.348 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:284 Resp: 60315
Ion Ratio Lower Upper
284 100
142 41.9 31.3 46.9
249 34.0 27.2 40.8





#69

Atrazine

Concen: 66.545 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

Tgt Ion:200 Resp: 58670

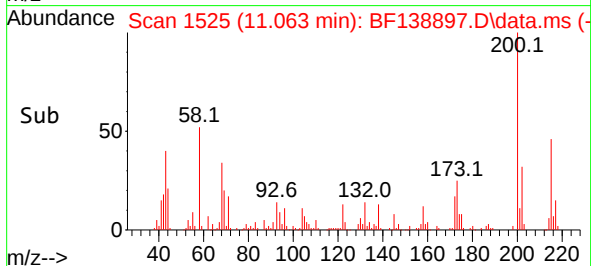
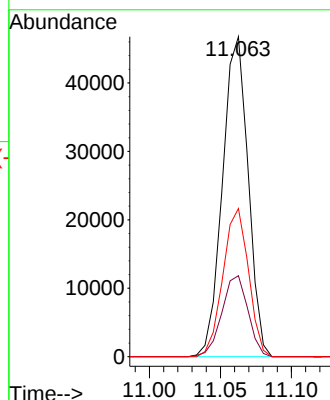
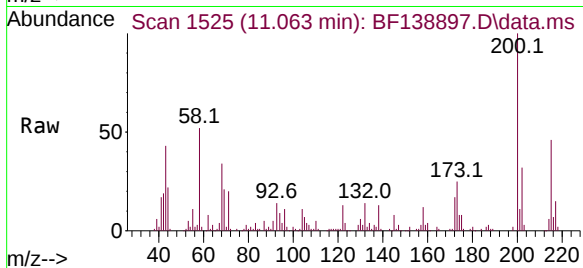
Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.0	46.0
215	46.3	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#70

Pentachlorophenol

Concen: 61.753 ng

RT: 11.174 min Scan# 1544

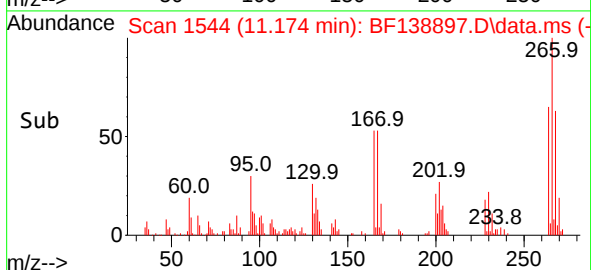
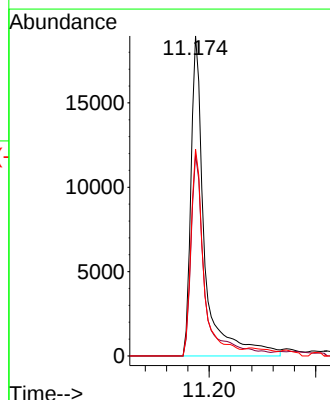
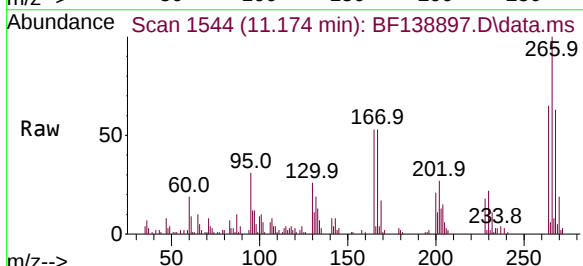
Delta R.T. -0.001 min

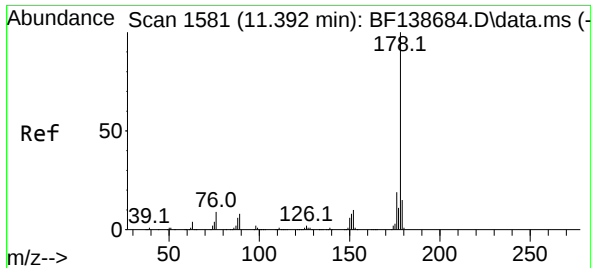
Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Tgt Ion:266 Resp: 34021

Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.2	73.8
264	64.6	49.8	74.6





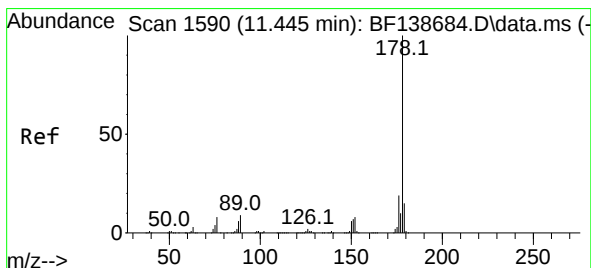
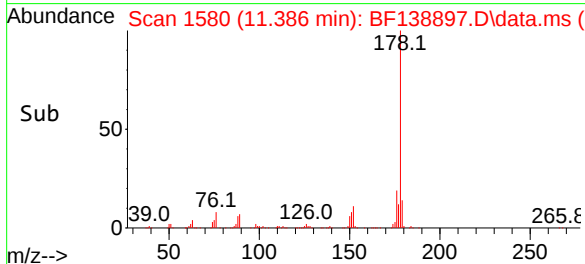
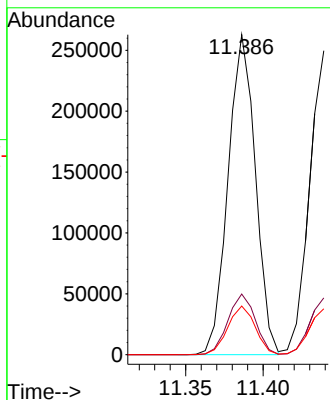
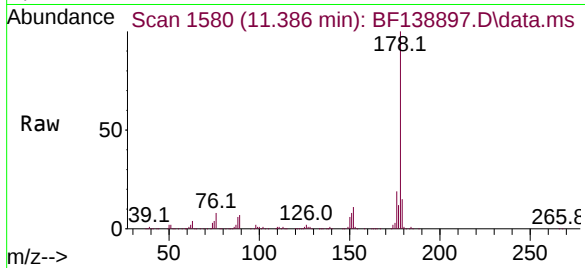
#71
Phenanthrene
Concen: 57.141 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS

Tgt Ion:178 Resp: 32170
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.2

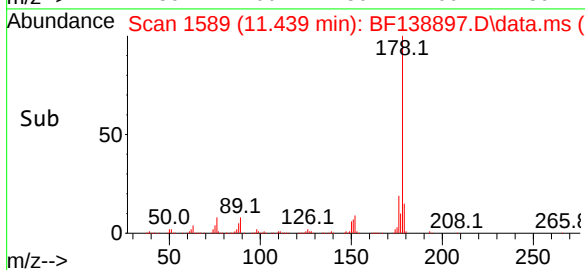
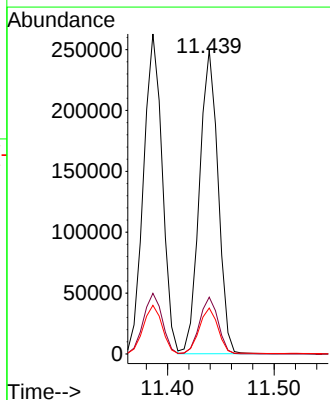
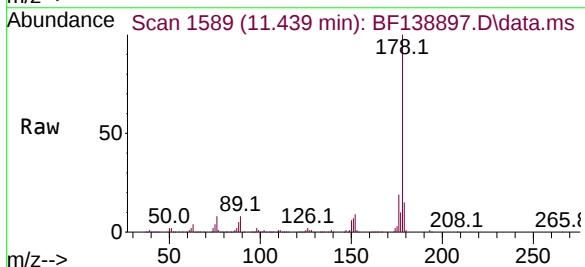
Manual Integrations
APPROVED

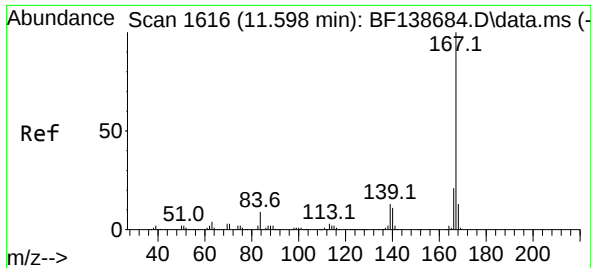
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#72
Anthracene
Concen: 54.709 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:178 Resp: 303431
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.1 12.4 18.6





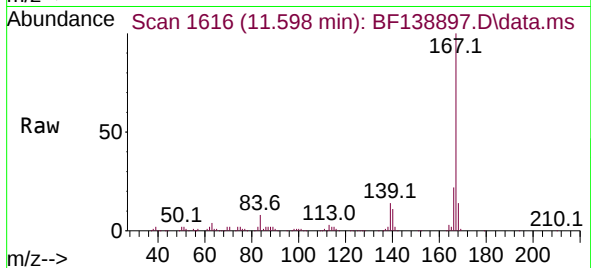
#73
 Carbazole
 Concen: 51.739 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138897.D
 Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

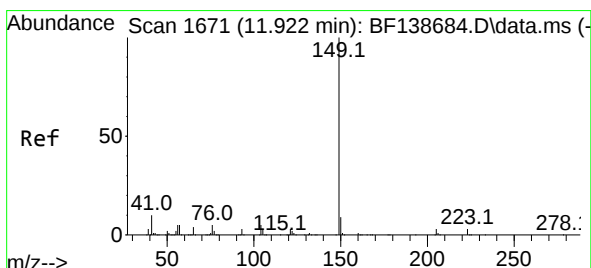
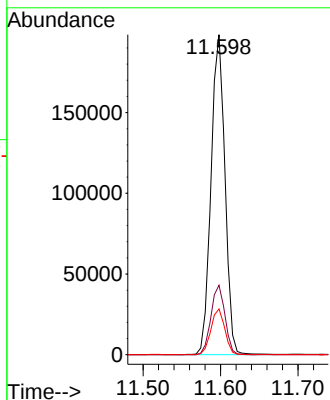
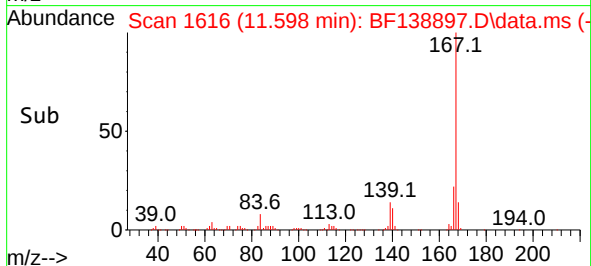


Tgt Ion:167 Resp: 247570
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 14.3 10.6 16.0

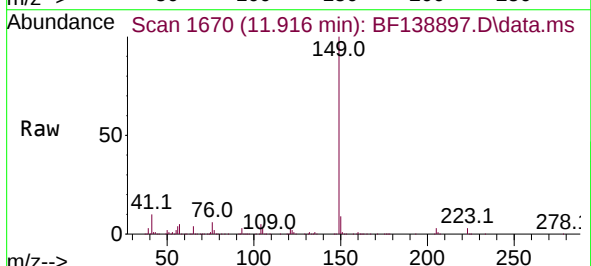
Manual Integrations

APPROVED

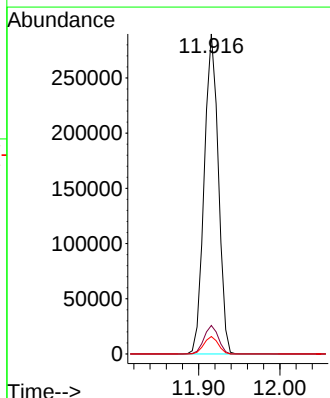
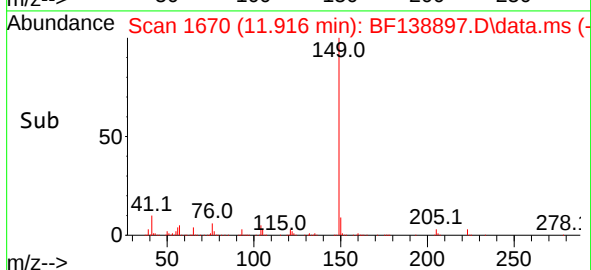
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

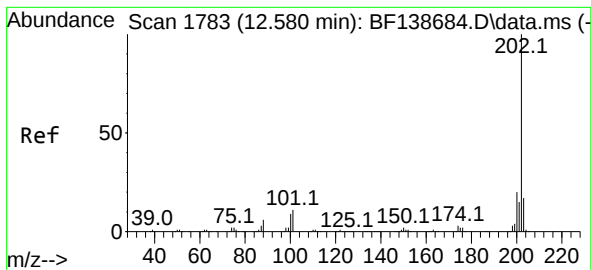


#74
 Di-n-butylphthalate
 Concen: 64.989 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138897.D
 Acq: 09 Aug 2024 19:36



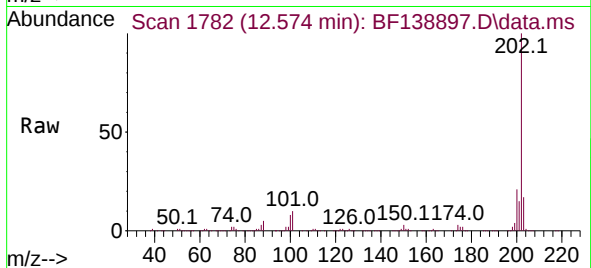
Tgt Ion:149 Resp: 349584
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 59.600 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

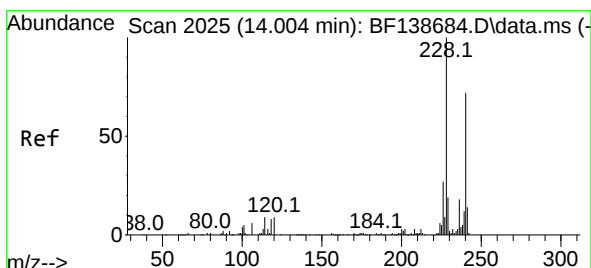
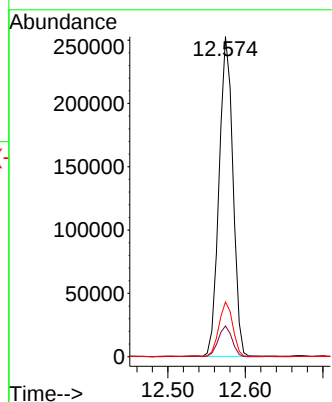
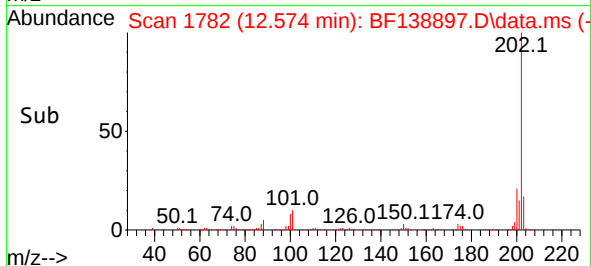
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:202 Resp: 31325
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.1 0.0 37.3

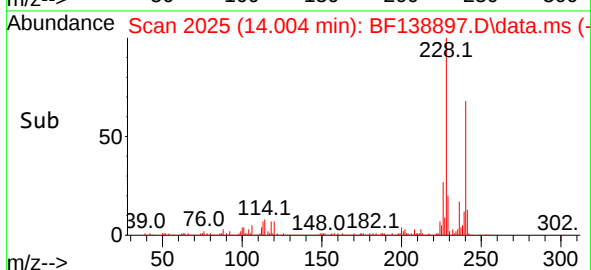
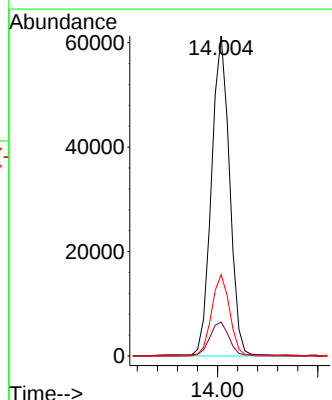
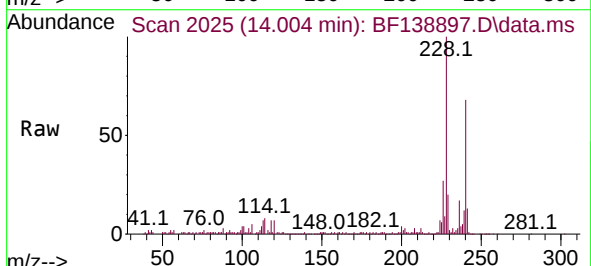
Manual Integrations
APPROVED

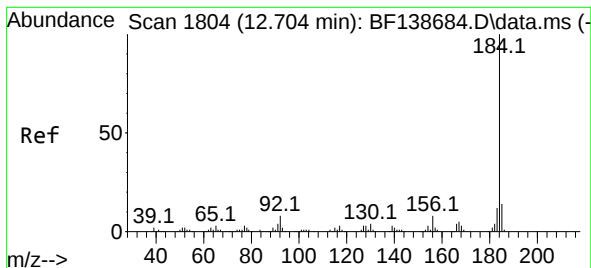
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:240 Resp: 76572
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 25.4 19.8 29.8





#77

Benzidine

Concen: 52.635 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

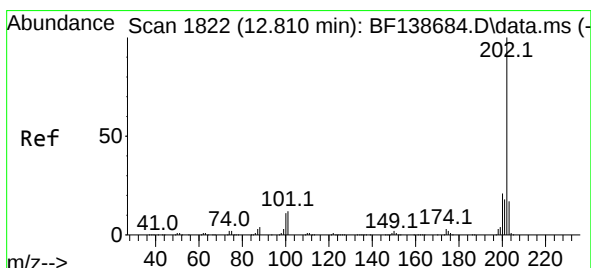
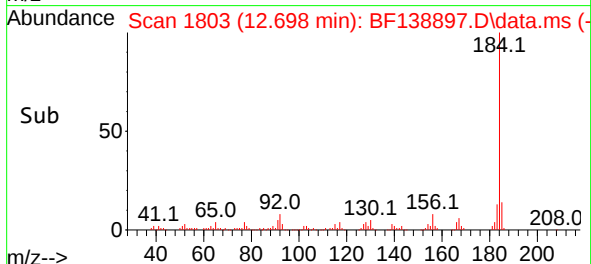
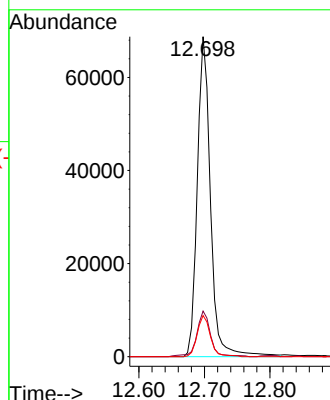
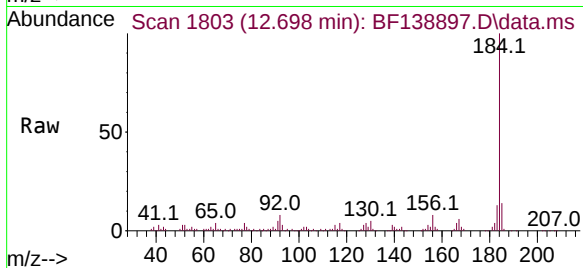
Tgt Ion:184 Resp: 96399
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.1 16.7
 183 12.8 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#78

Pyrene

Concen: 44.002 ng

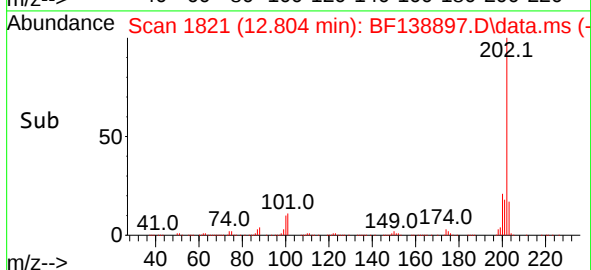
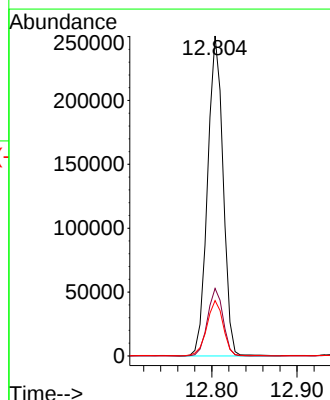
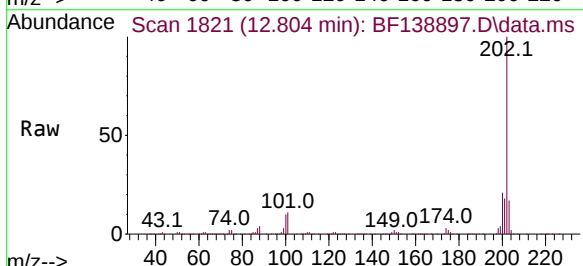
RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Tgt Ion:202 Resp: 317235
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.8 25.2
 203 17.3 13.8 20.6





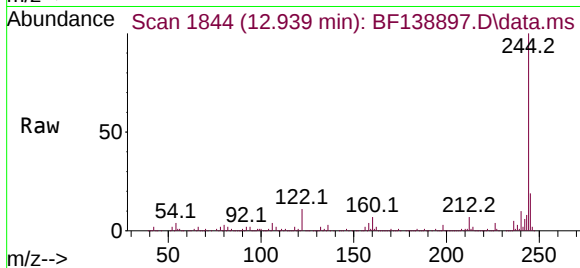
#79
 Terphenyl-d14
 Concen: 64.677 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138897.D
 Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

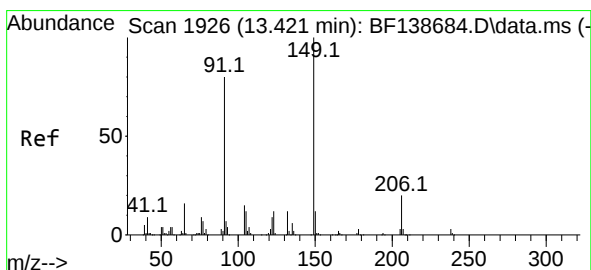
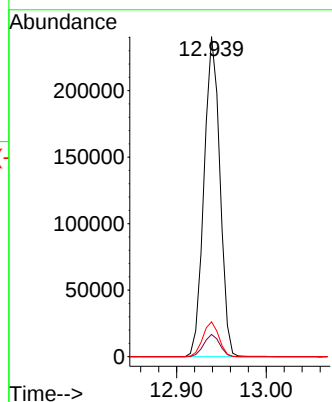
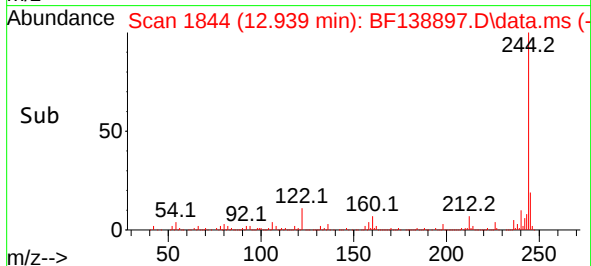


Tgt Ion:244 Resp: 295798
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.9 9.6 14.4

Manual Integrations

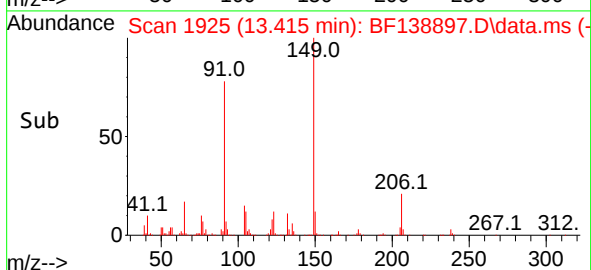
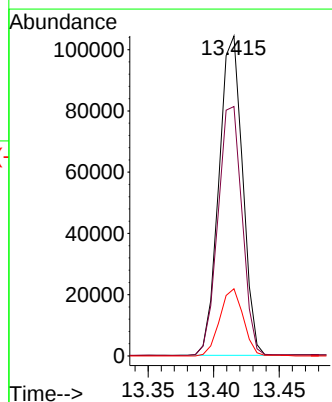
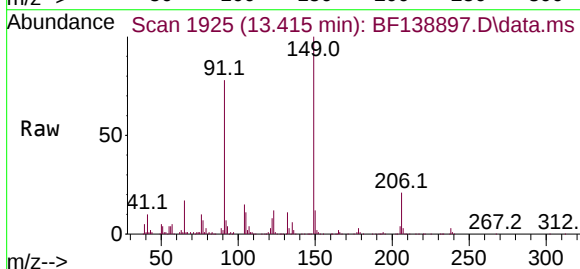
APPROVED

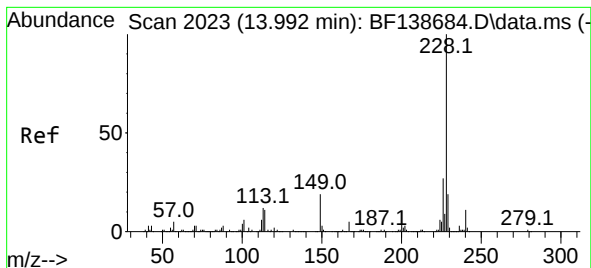
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024



#80
 Butylbenzylphthalate
 Concen: 56.641 ng
 RT: 13.415 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138897.D
 Acq: 09 Aug 2024 19:36

Tgt Ion:149 Resp: 130767
 Ion Ratio Lower Upper
 149 100
 91 77.9 63.7 95.5
 206 21.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 51.478 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

Tgt Ion:228 Resp: 271438

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

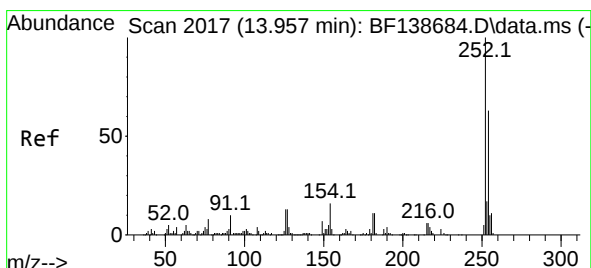
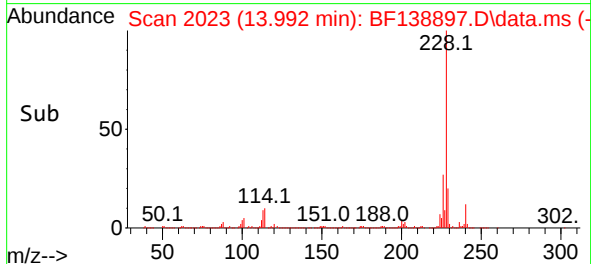
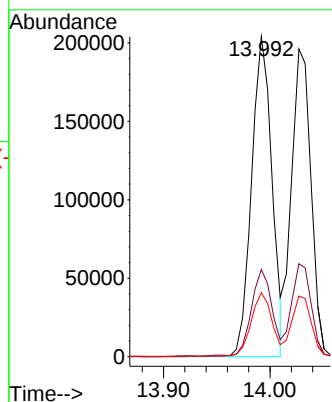
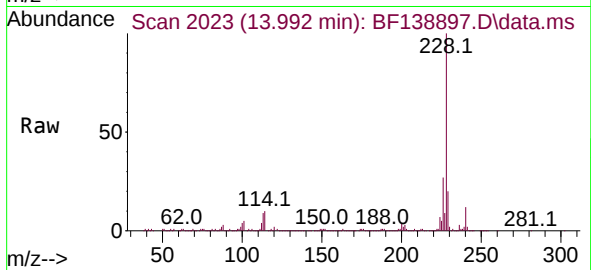
229 20.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 44.969 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

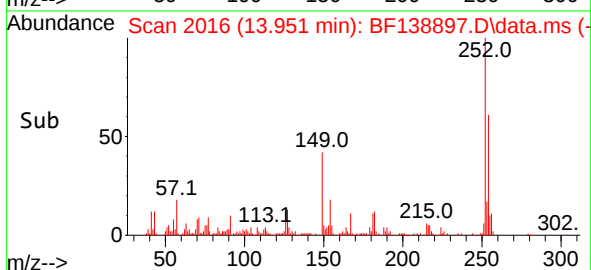
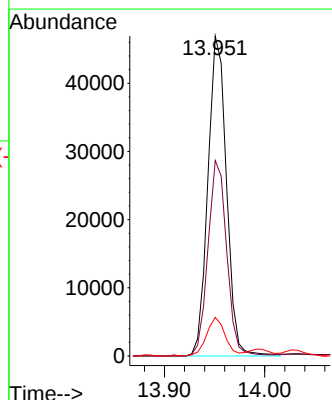
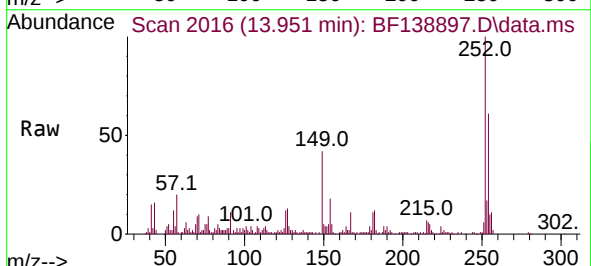
Tgt Ion:252 Resp: 60680

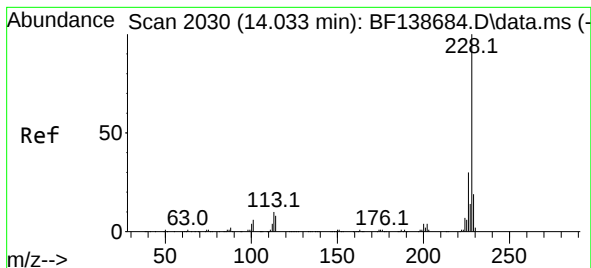
Ion Ratio Lower Upper

252 100

254 61.0 50.8 76.2

126 12.0 10.2 15.2





#83

Chrysene

Concen: 52.157 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

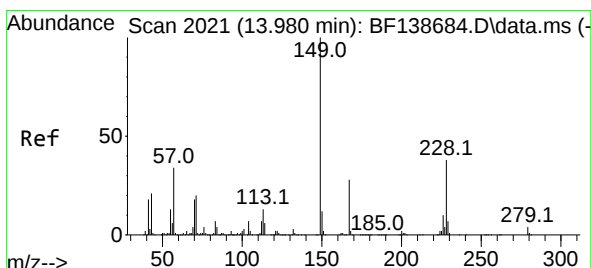
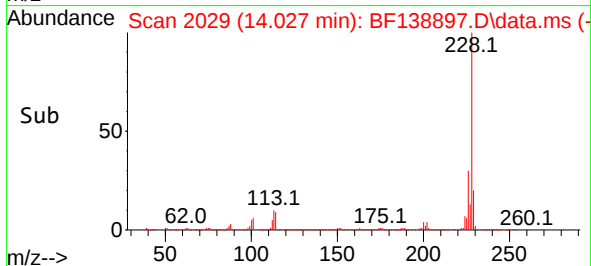
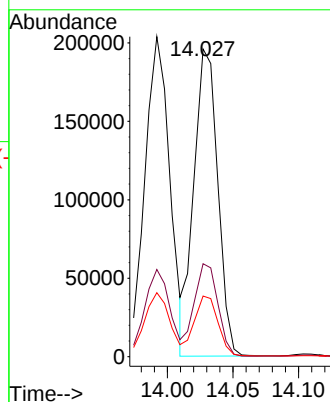
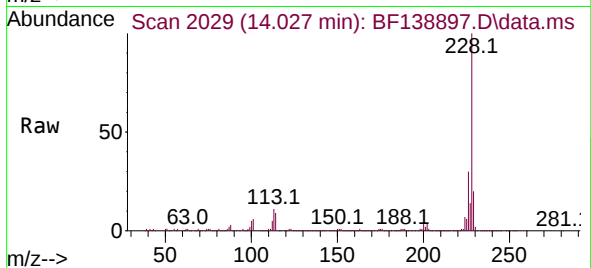
Tgt Ion:228 Resp: 24812
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.7 35.5
 229 19.7 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.564 ng

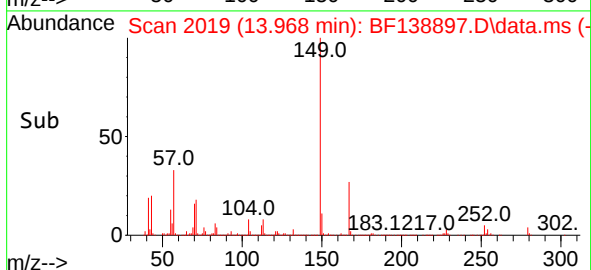
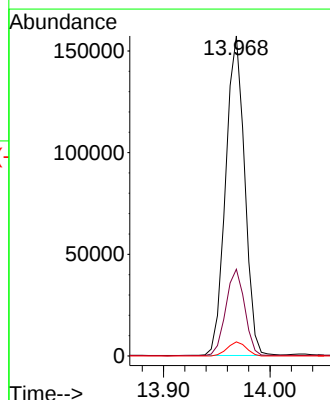
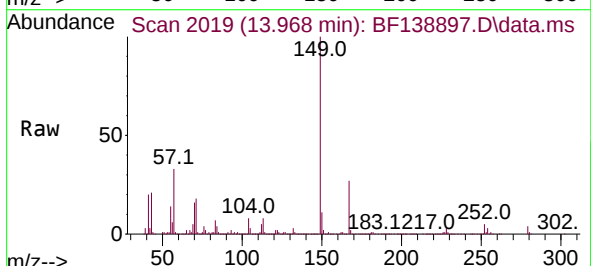
RT: 13.968 min Scan# 2019

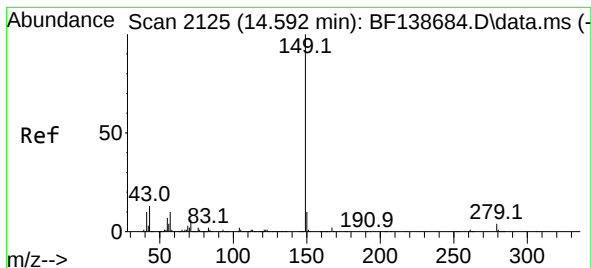
Delta R.T. -0.012 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Tgt Ion:149 Resp: 194604
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.2 33.4
 279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 50.044 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138897.D

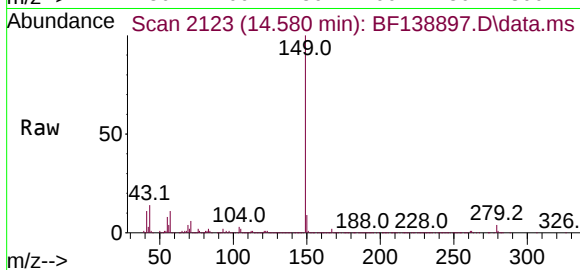
Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS



Tgt Ion:149 Resp: 313018

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

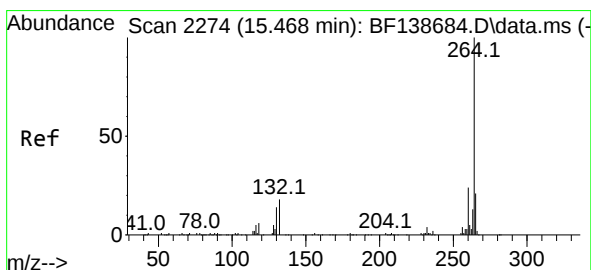
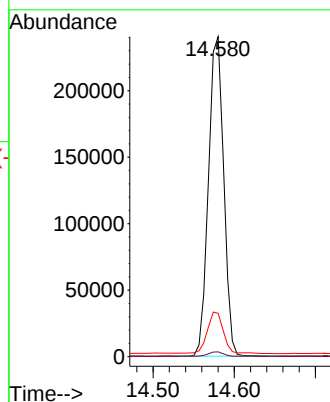
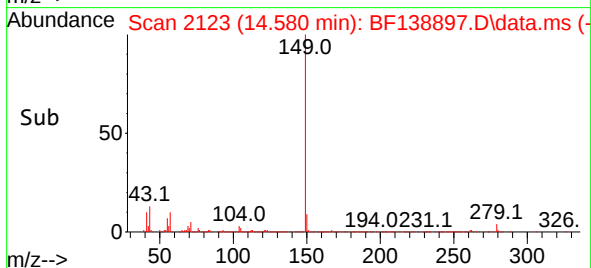
43 13.8 10.4 15.6

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: BF138897.D

Acq: 09 Aug 2024 19:36

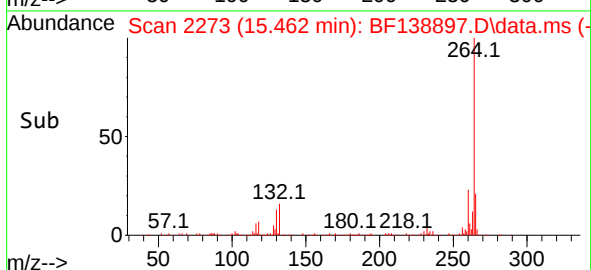
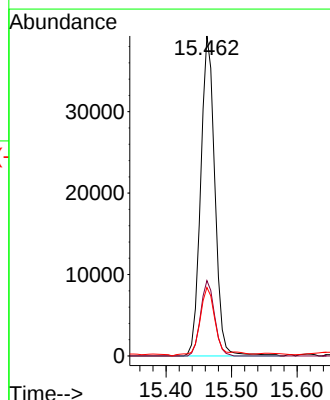
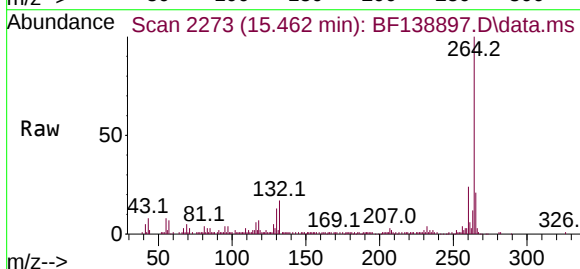
Tgt Ion:264 Resp: 59251

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.202 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

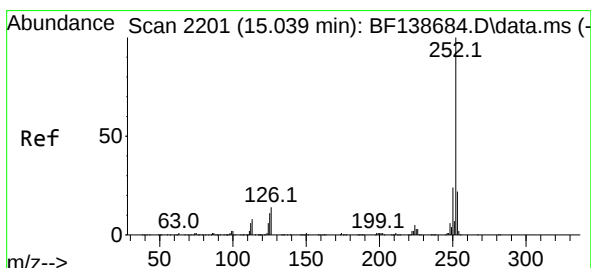
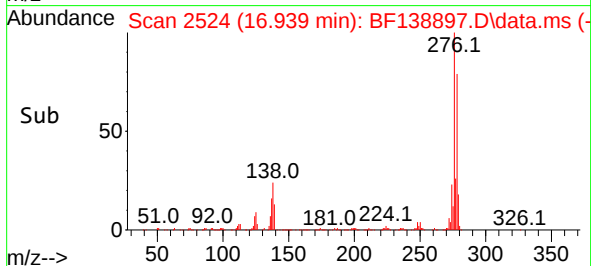
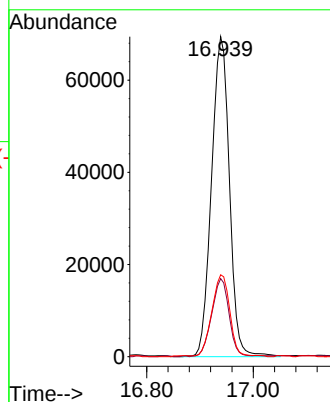
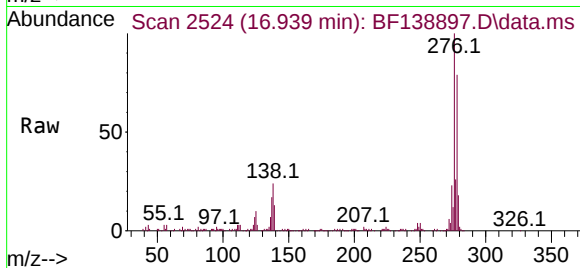
Tgt Ion:	276	Resp:	162210
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.8	32.8
277	25.8	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#88

Benzo(b)fluoranthene

Concen: 53.347 ng

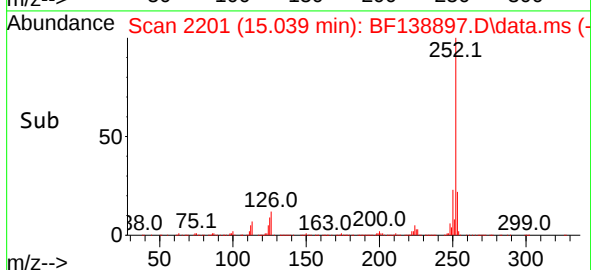
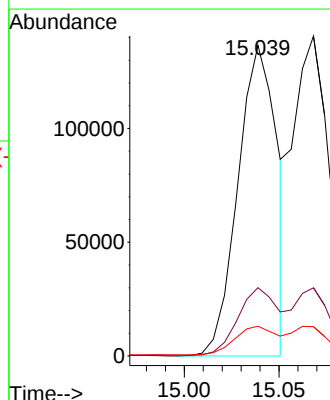
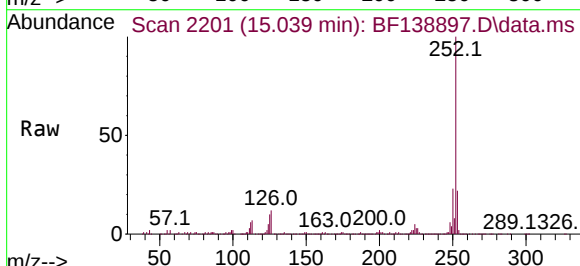
RT: 15.039 min Scan# 2201

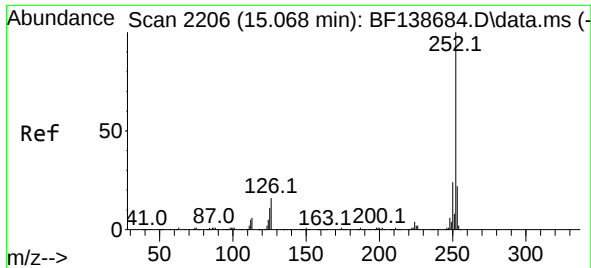
Delta R.T. -0.000 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

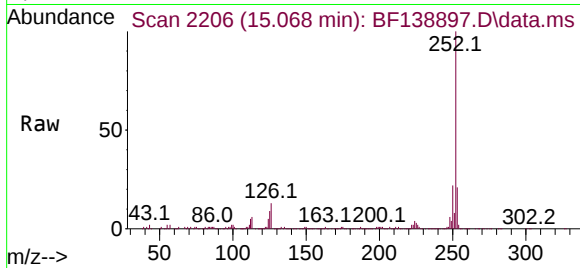
Tgt Ion:	252	Resp:	195942
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	9.6	8.9	13.3





#89
Benzo(k)fluoranthene
Concen: 58.969 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

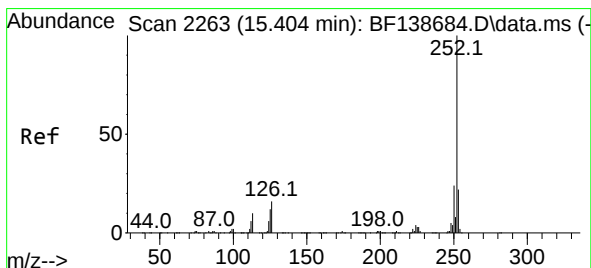
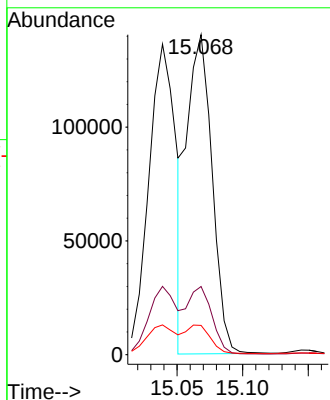
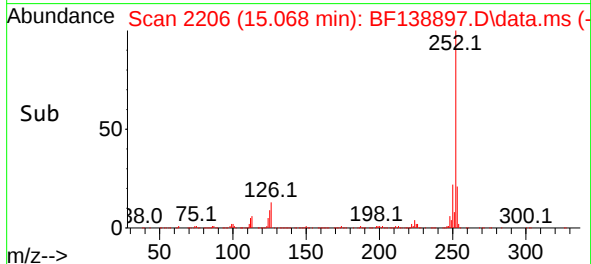
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS



Tgt Ion:252 Resp: 187530
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 9.1 8.6 13.0

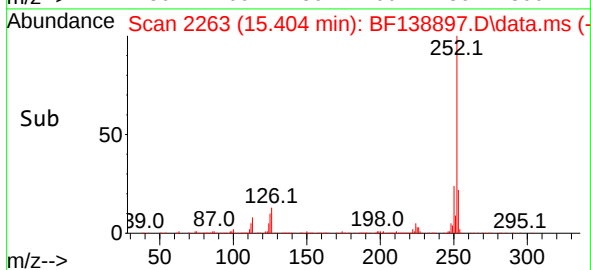
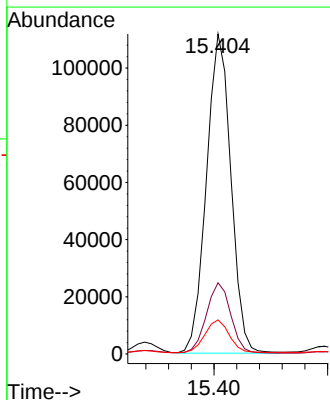
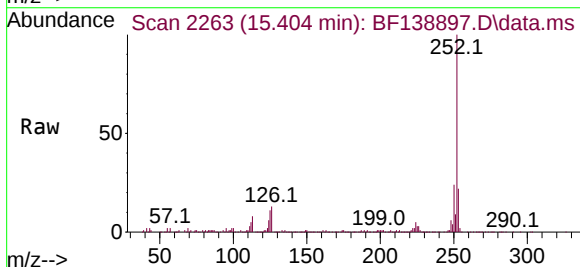
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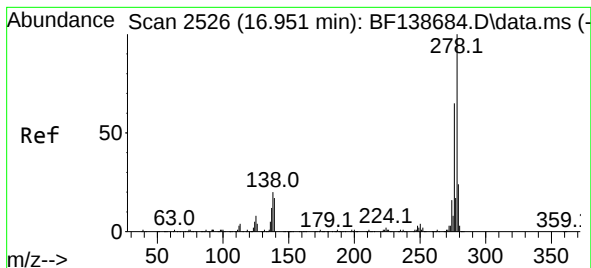
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#90
Benzo(a)pyrene
Concen: 54.126 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138897.D
Acq: 09 Aug 2024 19:36

Tgt Ion:252 Resp: 167224
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.7 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.622 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.006 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MS

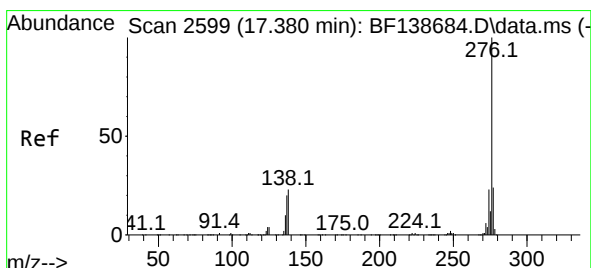
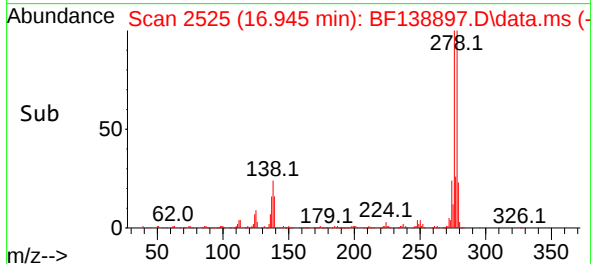
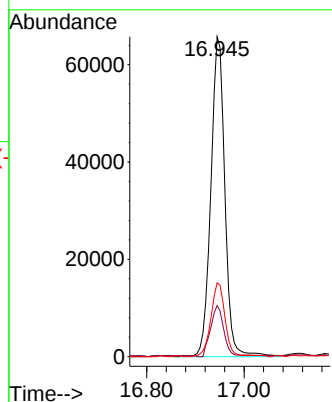
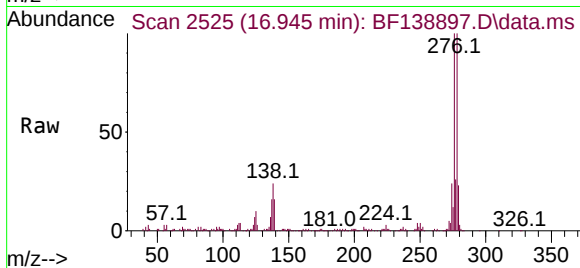
Tgt Ion:278 Resp: 13113
 Ion Ratio Lower Upper
 278 100
 139 16.0 14.0 21.0
 279 23.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#92

Benzo(g,h,i)perylene

Concen: 33.218 ng

RT: 17.380 min Scan# 2599

Delta R.T. -0.000 min

Lab File: BF138897.D

Acq: 09 Aug 2024 19:36

Tgt Ion:276 Resp: 120148
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.0 28.4
 138 20.4 18.5 27.7

