

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138884.D
 Acq On : 09 Aug 2024 12:23
 Operator : RC/JU
 Sample : PB162423BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162423BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 12:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	54661	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	239610	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	137458	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	237762	20.000	ng	0.00
76) Chrysene-d12	14.004	240	114847	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	99135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	477615	134.881	ng	0.02
7) Phenol-d6	6.493	99	631214	132.770	ng	0.00
23) Nitrobenzene-d5	7.410	82	415059	84.691	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	152861	135.760	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	795512	86.954	ng	0.00
79) Terphenyl-d14	12.945	244	806212	117.532	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	46677	30.109	ng	95
3) Pyridine	3.469	79	125908	33.527	ng	94
4) n-Nitrosodimethylamine	3.434	42	114066	50.998	ng	86
6) Aniline	6.510	93	147325	34.748	ng	# 14
8) 2-Chlorophenol	6.634	128	189614	50.896	ng	97
9) Benzaldehyde	6.398	77	114103	40.037	ng	99
10) Phenol	6.510	94	241114	48.169	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	176233	45.752	ng	99
12) 1,3-Dichlorobenzene	6.781	146	187684	45.005	ng	98
13) 1,4-Dichlorobenzene	6.857	146	191826	45.580	ng	98
14) 1,2-Dichlorobenzene	7.010	146	185073	47.054	ng	100
15) Benzyl Alcohol	6.992	79	180837	52.775	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	292552	44.132	ng	# 46
17) 2-Methylphenol	7.110	107	150245	48.839	ng	# 85
18) Hexachloroethane	7.345	117	72794	45.950	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	148488	51.712	ng	98
20) 3+4-Methylphenols	7.263	107	201368	51.017	ng	# 79
22) Acetophenone	7.257	105	255561	43.560	ng	97
24) Nitrobenzene	7.434	77	215643	43.241	ng	99
25) Isophorone	7.669	82	383568	45.835	ng	98
26) 2-Nitrophenol	7.745	139	99896	46.559	ng	95
27) 2,4-Dimethylphenol	7.787	122	129851	50.583	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	227649	44.671	ng	99
29) 2,4-Dichlorophenol	7.992	162	157483	47.741	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	167955	44.120	ng	98
31) Naphthalene	8.145	128	563190	44.654	ng	100
32) Benzoic acid	7.945	122	74199	36.770	ng	97
33) 4-Chloroaniline	8.198	127	97837	23.109	ng	99
34) Hexachlorobutadiene	8.257	225	102412	44.416	ng	99
35) Caprolactam	8.592	113	42993m	43.680	ng	
36) 4-Chloro-3-methylphenol	8.692	107	182831	48.498	ng	99
37) 2-Methylnaphthalene	8.834	142	378251	47.487	ng	99
38) 1-Methylnaphthalene	8.934	142	343784	44.045	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	160044	41.914	ng	99
41) Hexachlorocyclopentadiene	8.981	237	108617	105.078	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	106239	45.633	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	113656	44.656	ng	99
46) 1,1'-Biphenyl	9.304	154	445508	41.383	ng	99
47) 2-Chloronaphthalene	9.328	162	350048	43.720	ng	99
48) 2-Nitroaniline	9.434	65	126588	46.637	ng	98
49) Acenaphthylene	9.739	152	553811	48.769	ng	100
50) Dimethylphthalate	9.604	163	428780	48.785	ng	100
51) 2,6-Dinitrotoluene	9.675	165	90633	45.692	ng	92
52) Acenaphthene	9.916	154	338264	44.313	ng	99
53) 3-Nitroaniline	9.845	138	61549	30.016	ng	98
54) 2,4-Dinitrophenol	9.963	184	85713	93.870	ng	89
55) Dibenzofuran	10.086	168	507209	47.070	ng	99
56) 4-Nitrophenol	10.028	139	98124	79.575	ng	92
57) 2,4-Dinitrotoluene	10.081	165	124396	49.154	ng	# 81
58) Fluorene	10.428	166	408201	47.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	98411	50.576	ng	97
60) Diethylphthalate	10.304	149	423903	50.866	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	202449	47.970	ng	97
62) 4-Nitroaniline	10.469	138	83056	42.622	ng	87
63) Azobenzene	10.581	77	440756	47.686	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	69032	47.590	ng	93
66) n-Nitrosodiphenylamine	10.539	169	350266	47.130	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	115981	45.055	ng	95
68) Hexachlorobenzene	10.975	284	120090	45.182	ng	99
69) Atrazine	11.069	200	105046	54.784	ng	98
70) Pentachlorophenol	11.180	266	95431	79.657	ng	98
71) Phenanthrene	11.392	178	572920	46.796	ng	99
72) Anthracene	11.445	178	582679	48.311	ng	99
73) Carbazole	11.598	167	482080	46.329	ng	98
74) Di-n-butylphthalate	11.916	149	650691	55.627	ng	99
75) Fluoranthene	12.575	202	551788	48.278	ng	99
77) Benzidine	12.698	184	35832	13.044	ng	100
78) Pyrene	12.804	202	543880	50.298	ng	99
80) Butylbenzylphthalate	13.416	149	198317	57.273	ng	97
81) Benzo(a)anthracene	13.992	228	369948	46.778	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	67070	33.140	ng	99
83) Chrysene	14.027	228	339194	47.539	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	231124	45.582	ng	100
85) Di-n-octyl phthalate	14.574	149	361521	38.536	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	331590	46.674	ng	96
88) Benzo(b)fluoranthene	15.039	252	296222	48.202	ng	98
89) Benzo(k)fluoranthene	15.068	252	283055	53.198	ng	98
90) Benzo(a)pyrene	15.404	252	270607	52.350	ng	97
91) Dibenzo(a,h)anthracene	16.951	278	269583	46.226	ng	97
92) Benzo(g,h,i)perylene	17.386	276	251836	41.614	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

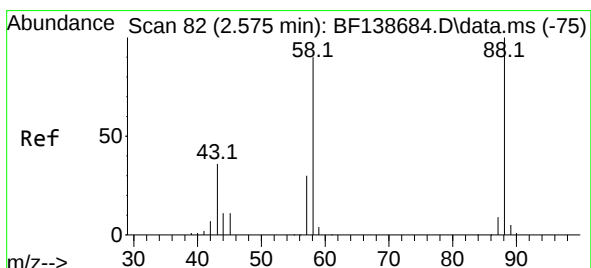
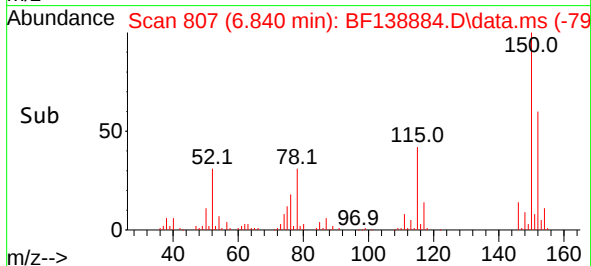
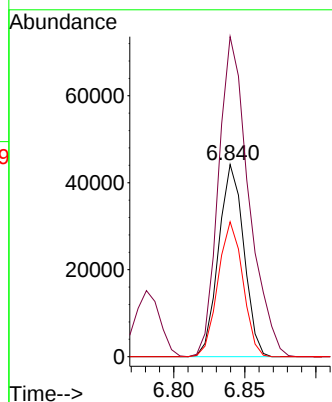
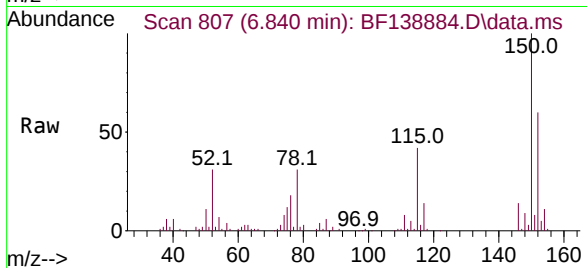
PB162423BS

Tgt Ion:152 Resp: 5466
Ion Ratio Lower Upper
152 100
150 166.5 126.0 189.0
115 70.2 51.7 77.5

Manual Integrations

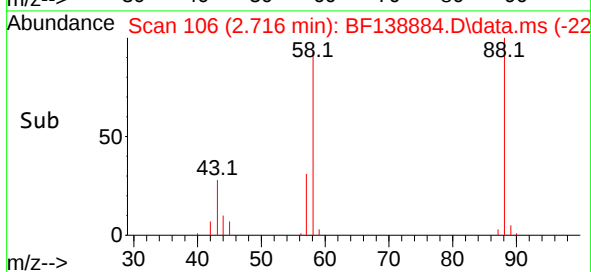
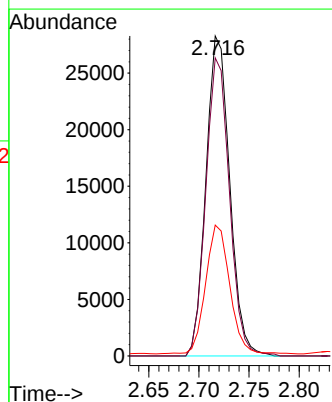
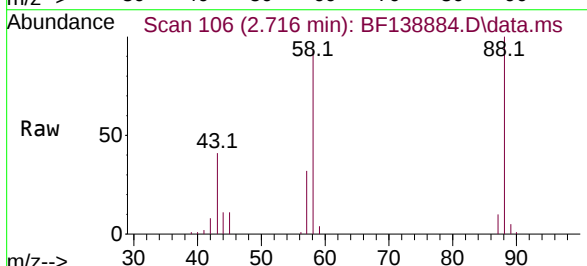
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Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#2
1,4-Dioxane
Concen: 30.109 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.141 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 88 Resp: 46677
Ion Ratio Lower Upper
88 100
58 92.6 71.6 107.4
43 41.0 28.7 43.1





#3

Pyridine

Concen: 33.527 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion: 79 Resp: 125908

Ion Ratio Lower Upper

79 100

52 88.7 74.7 112.1

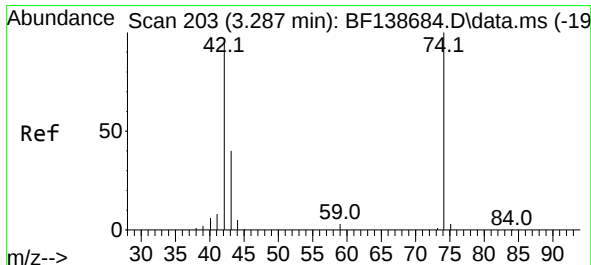
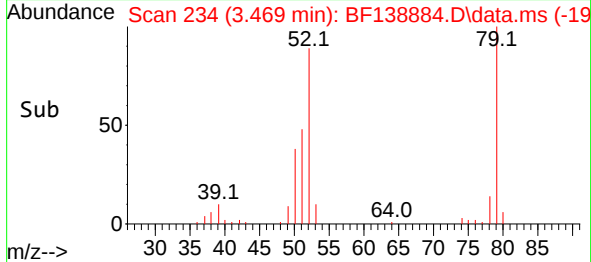
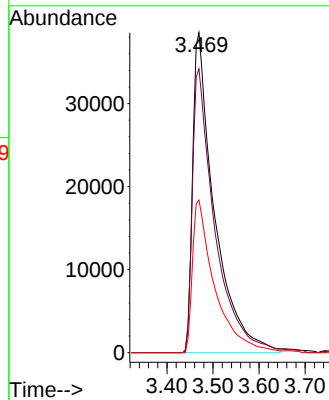
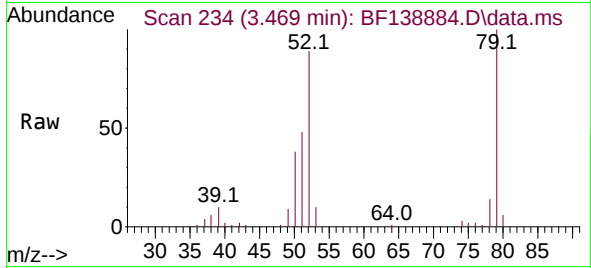
51 47.7 34.6 51.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 50.998 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

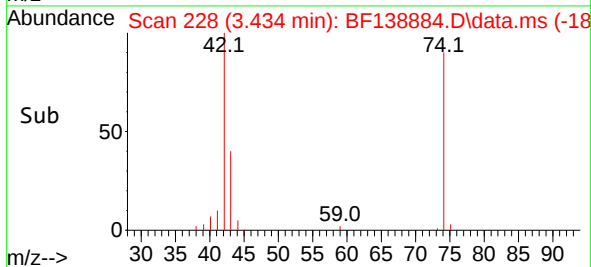
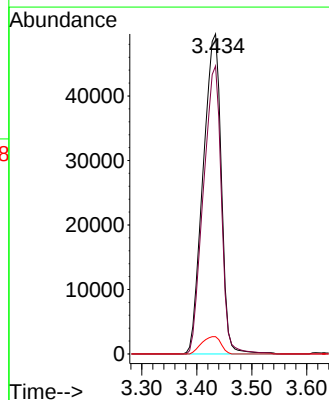
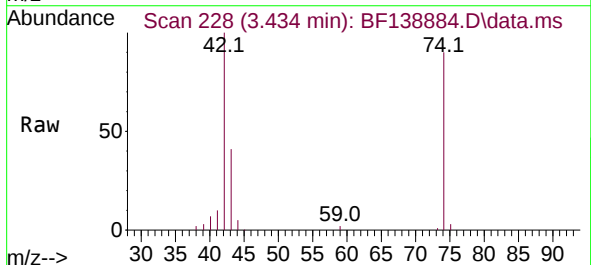
Tgt Ion: 42 Resp: 114066

Ion Ratio Lower Upper

42 100

74 90.0 84.2 126.4

44 5.4 4.9 7.3





#5
2-Fluorophenol
Concen: 134.881 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

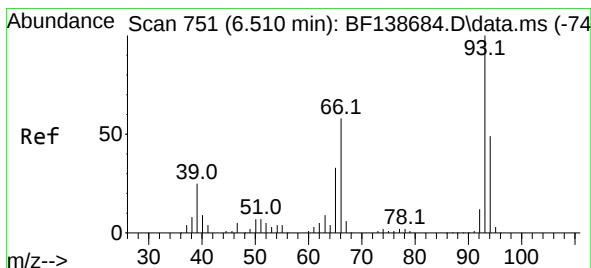
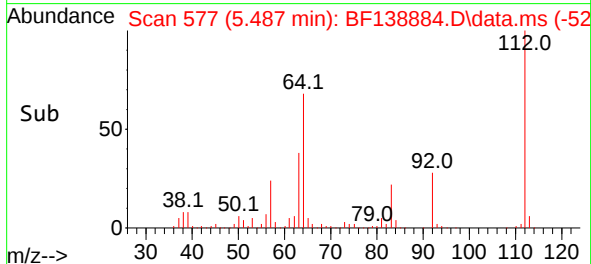
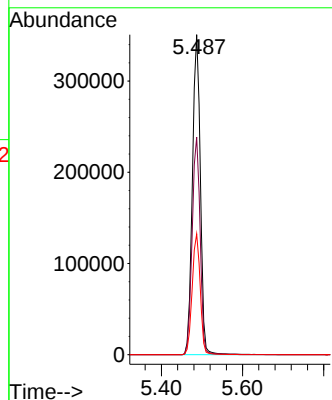
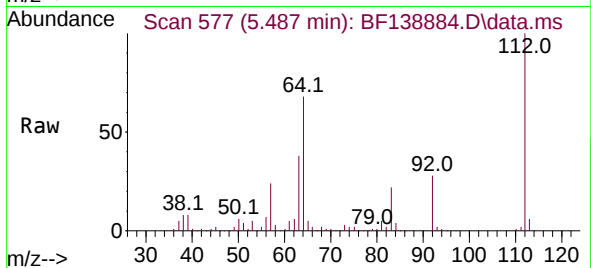
Tgt Ion:112 Resp: 47761
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 37.8 28.7 43.1

Manual Integrations

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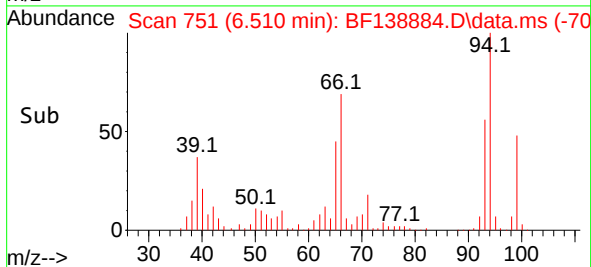
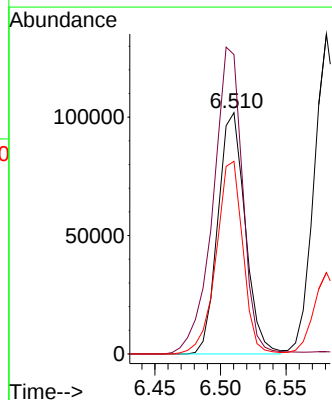
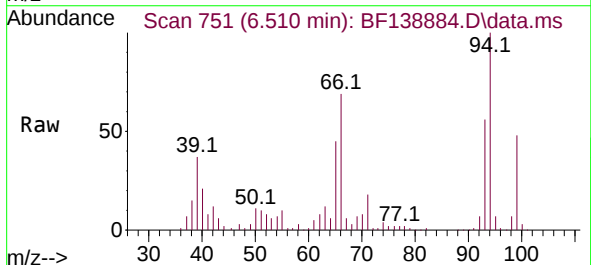
Reviewed By :Yogesh Patel 08/10/2024

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#6
Aniline
Concen: 34.748 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 93 Resp: 147325
Ion Ratio Lower Upper
93 100
66 124.0 46.9 70.3#
65 79.8 26.5 39.7#





#7

Phenol-d6

Concen: 132.770 ng

RT: 6.493 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion: 99 Resp: 631214

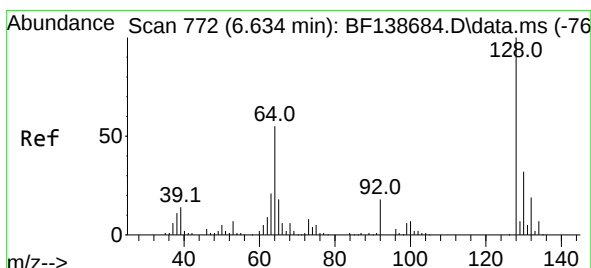
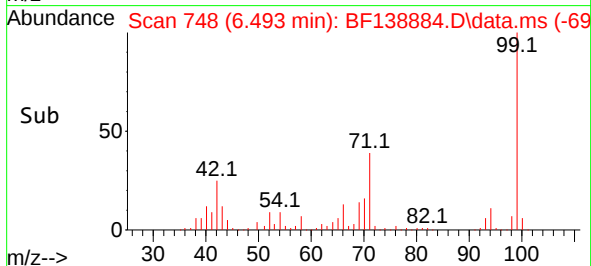
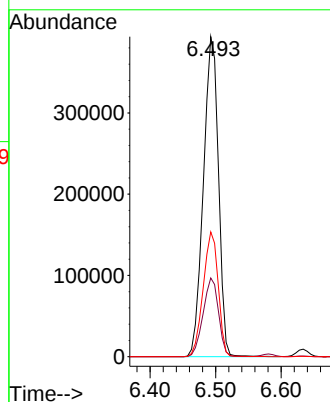
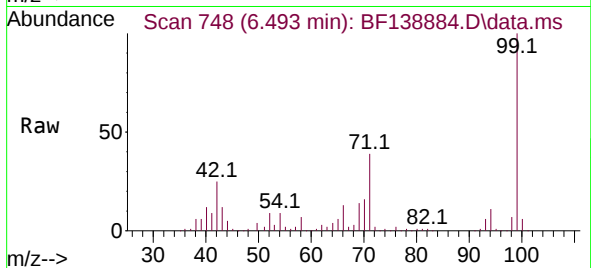
Ion	Ratio	Lower	Upper
99	100		
42	24.6	17.4	26.0
71	39.0	28.1	42.1

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#8

2-Chlorophenol

Concen: 50.896 ng

RT: 6.634 min Scan# 772

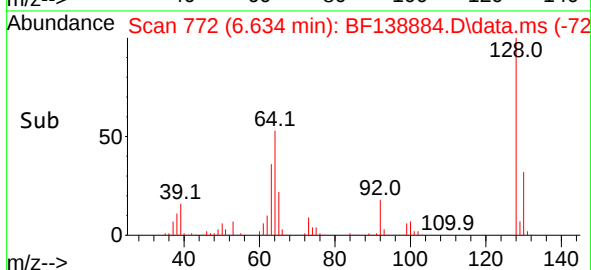
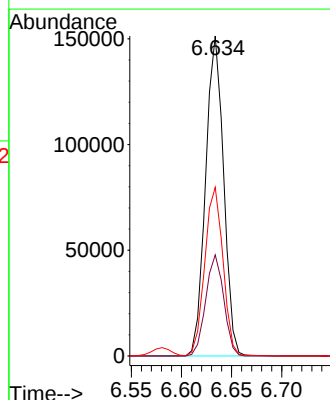
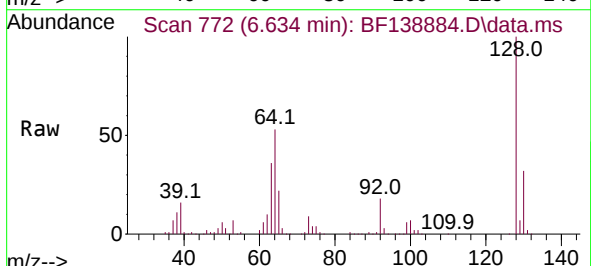
Delta R.T. 0.000 min

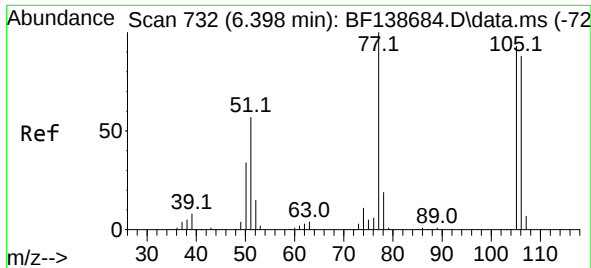
Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Tgt Ion:128 Resp: 189614

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.0	52.0
64	52.7	36.3	76.3





#9
Benzaldehyde
Concen: 40.037 ng
RT: 6.398 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

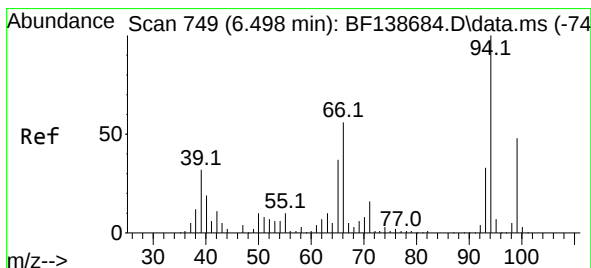
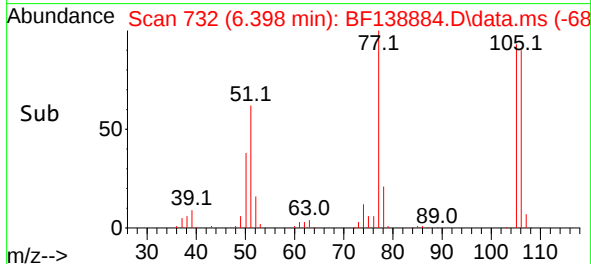
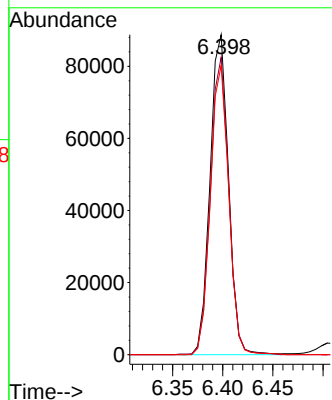
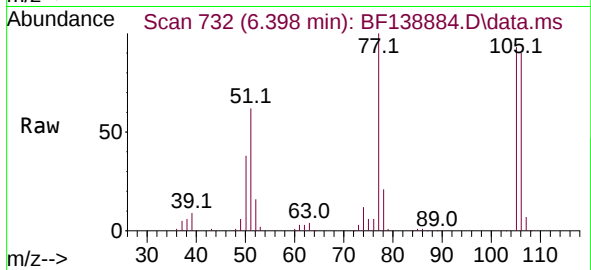
ClientSampleId :

PB162423BS

Tgt Ion: 77 Resp: 11410
Ion Ratio Lower Upper
77 100
105 92.9 72.9 112.9
106 90.4 68.4 108.4

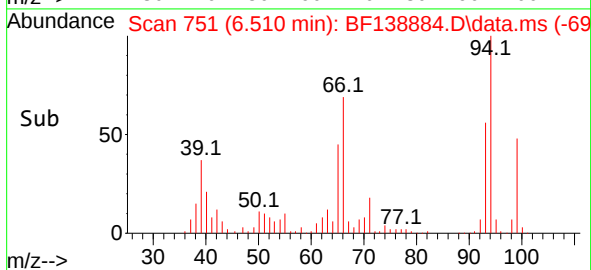
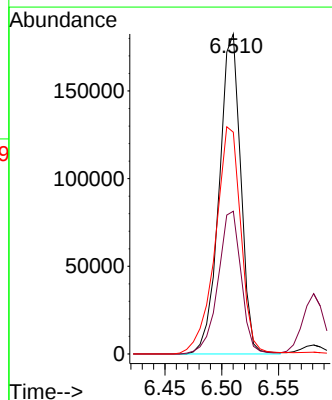
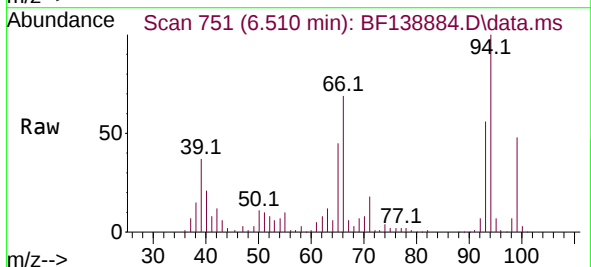
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 48.169 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 94 Resp: 241114
Ion Ratio Lower Upper
94 100
65 44.6 16.9 56.9
66 69.3 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 45.752 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion: 93 Resp: 17623

Ion Ratio Lower Upper

93 100

63 84.1 65.3 105.3

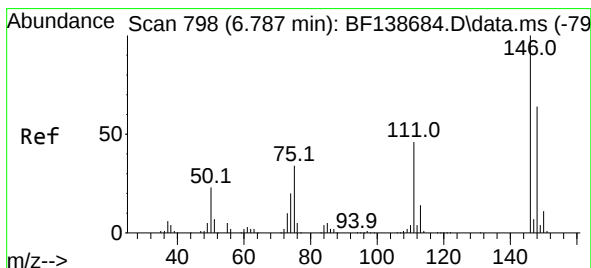
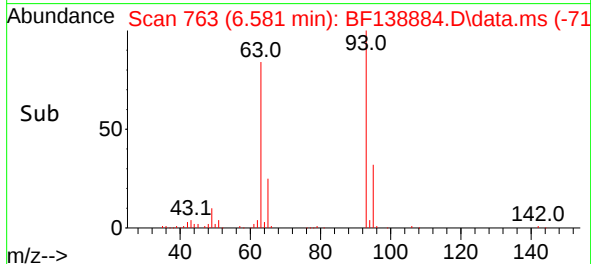
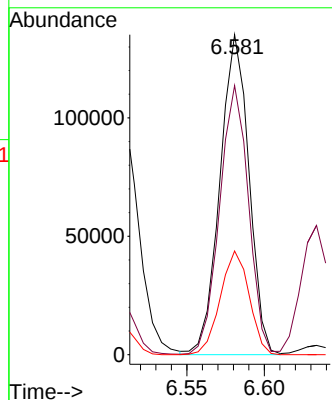
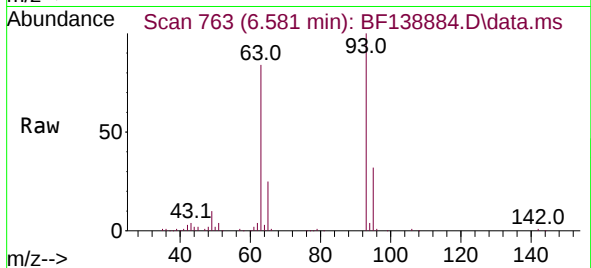
95 32.4 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#12

1,3-Dichlorobenzene

Concen: 45.005 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

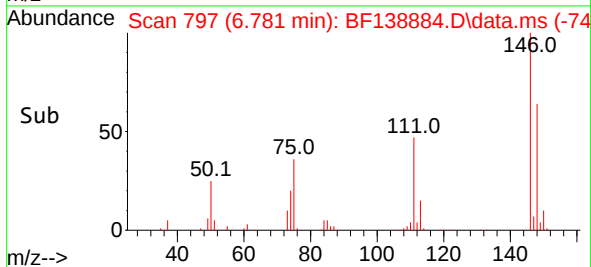
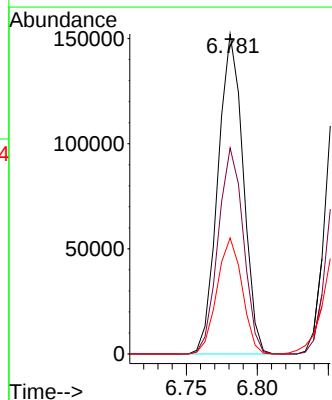
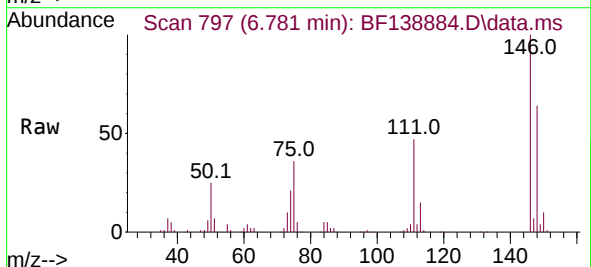
Tgt Ion:146 Resp: 187684

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

75 36.3 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 45.580 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

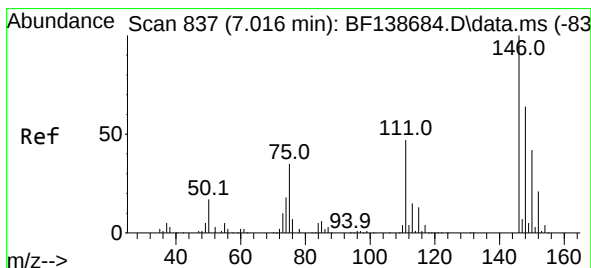
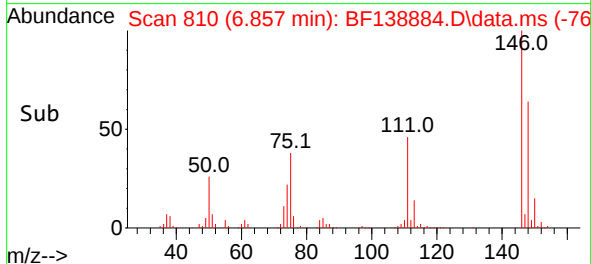
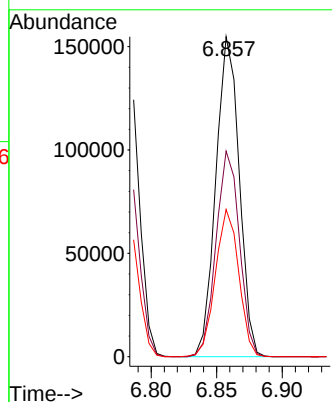
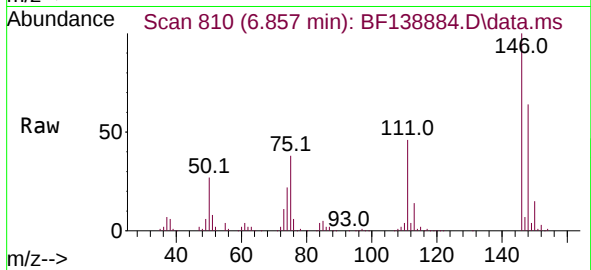
PB162423BS

Tgt Ion:146 Resp: 191820
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.2
111 46.0 35.9 53.9

Manual Integrations

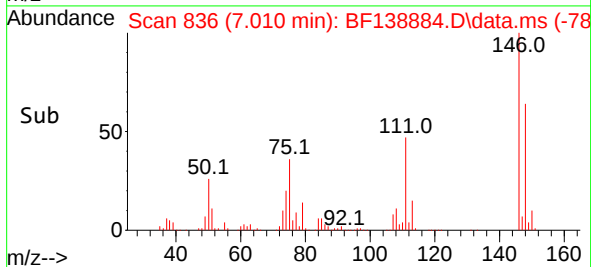
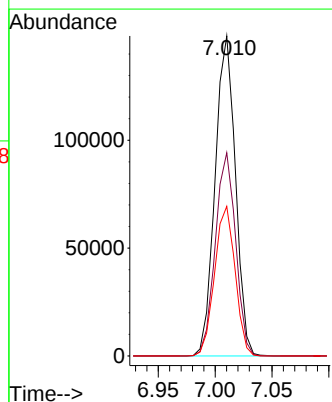
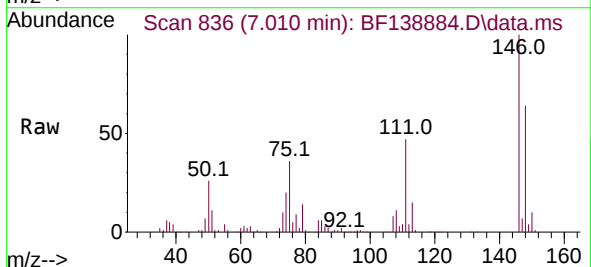
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 47.054 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

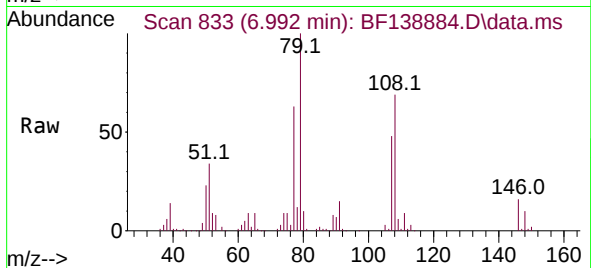
Tgt Ion:146 Resp: 185073
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 46.7 37.4 56.2





#15
Benzyl Alcohol
Concen: 52.775 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

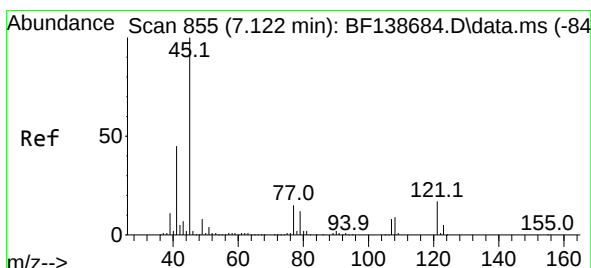
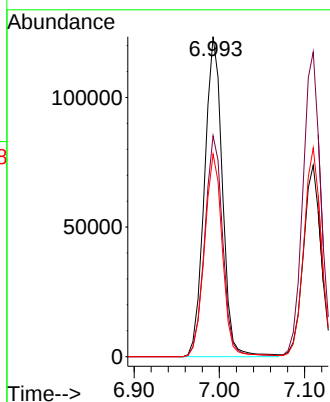
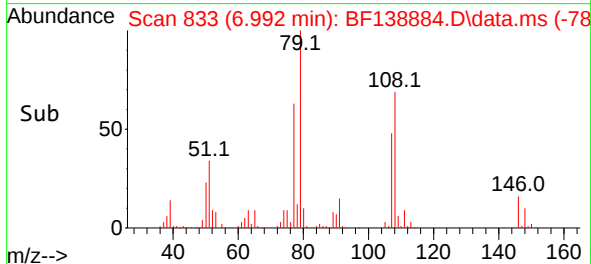
Instrument :
BNA_F
ClientSampleId :
PB162423BS



Tgt Ion: 79 Resp: 18083
Ion Ratio Lower Upper
79 100
108 69.1 56.6 85.0
77 63.3 50.3 75.5

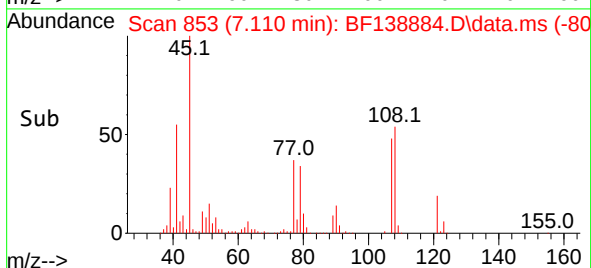
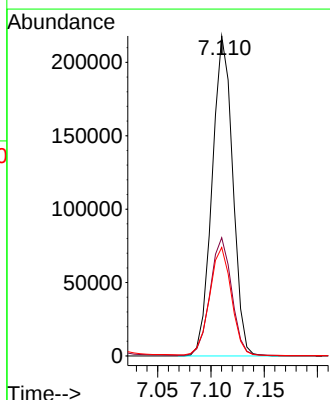
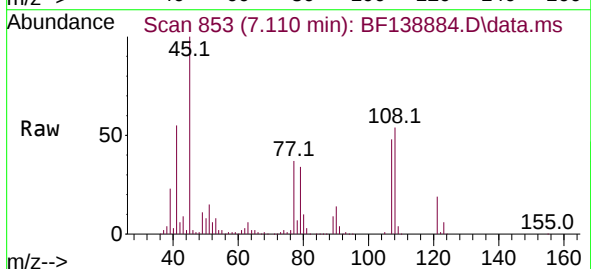
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.132 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 45 Resp: 292552
Ion Ratio Lower Upper
45 100
77 37.0 0.0 34.9#
79 33.9 0.0 32.2#





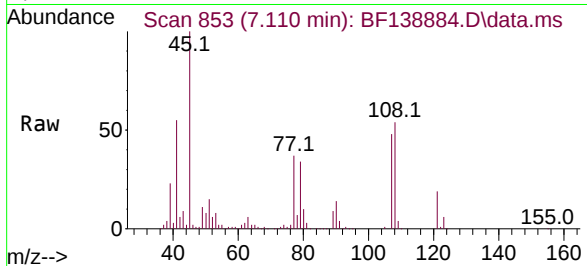
#17
2-Methylphenol
Concen: 48.839 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS



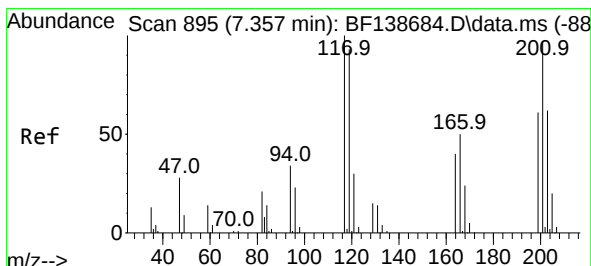
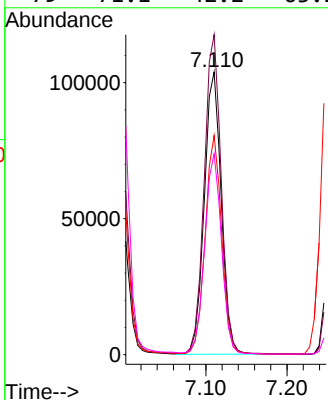
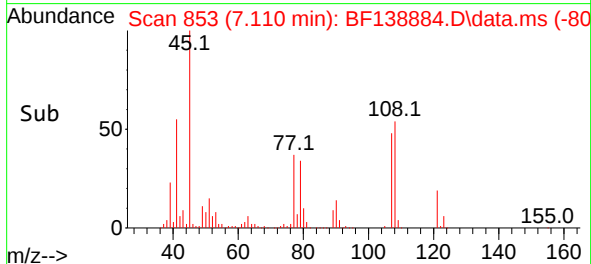
Tgt Ion:107 Resp: 150245
Ion Ratio Lower Upper
107 100
108 113.2 89.2 133.8
77 77.5 43.0 64.4
79 71.1 42.2 63.2#

Manual Integrations

APPROVED

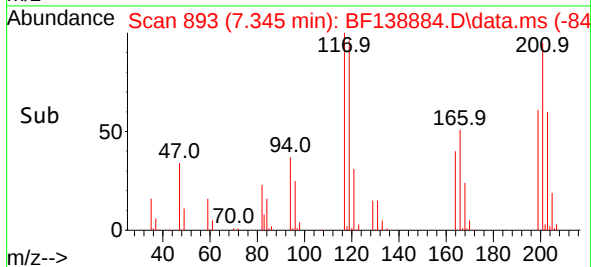
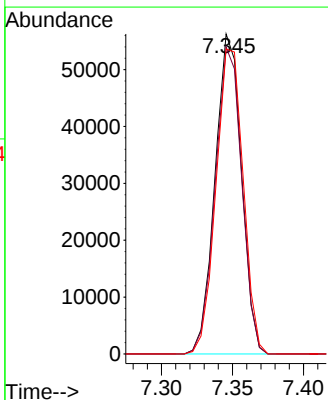
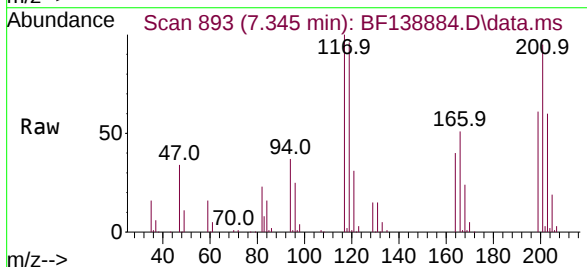
Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#18
Hexachloroethane
Concen: 45.950 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:117 Resp: 72794
Ion Ratio Lower Upper
117 100
119 95.9 74.6 111.8
201 95.3 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 51.712 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion: 70 Resp: 14848

Ion Ratio Lower Upper

70 100

42 73.2 57.4 86.0

101 10.0 7.5 11.3

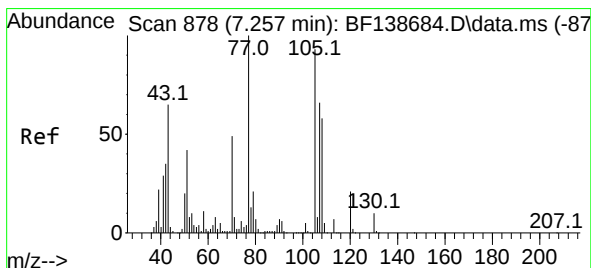
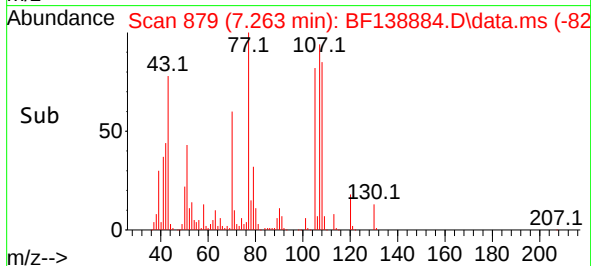
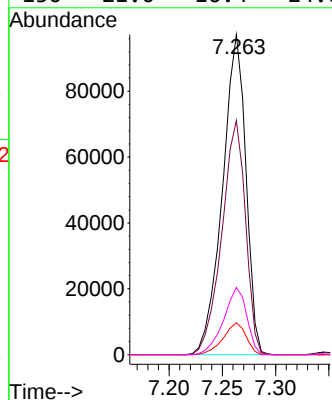
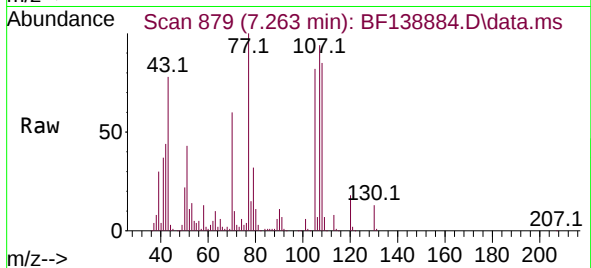
130 21.0 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#20

3+4-Methylphenols

Concen: 51.017 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Tgt Ion:107 Resp: 201368

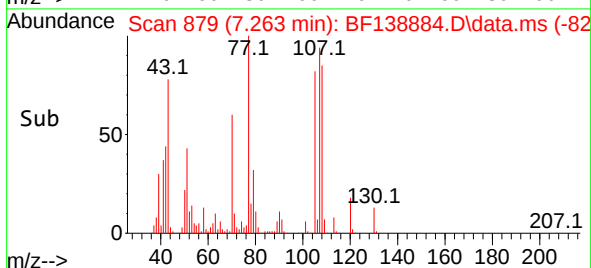
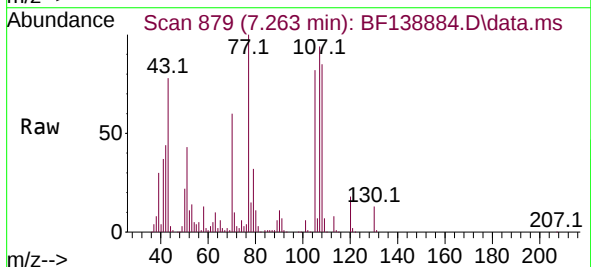
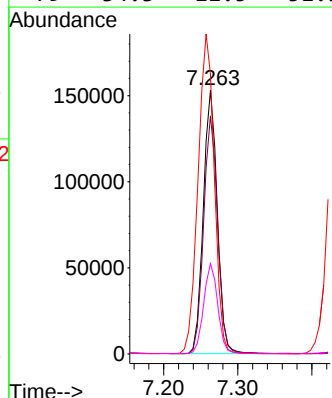
Ion Ratio Lower Upper

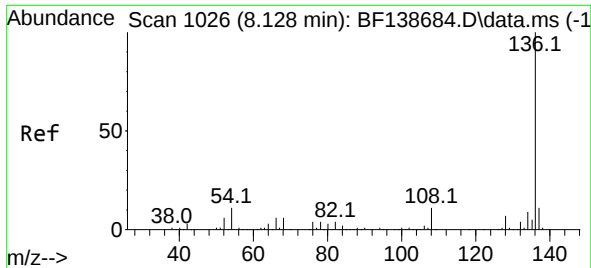
107 100

108 90.3 68.2 108.2

77 106.0 132.1 172.1#

79 34.3 11.5 51.5





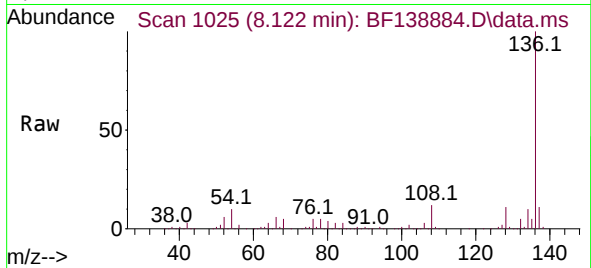
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS



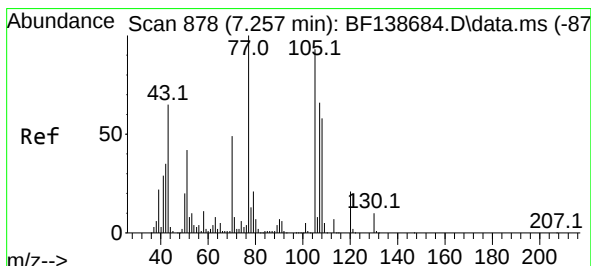
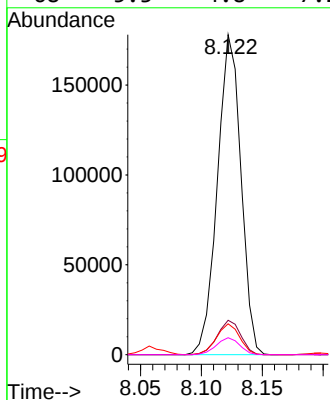
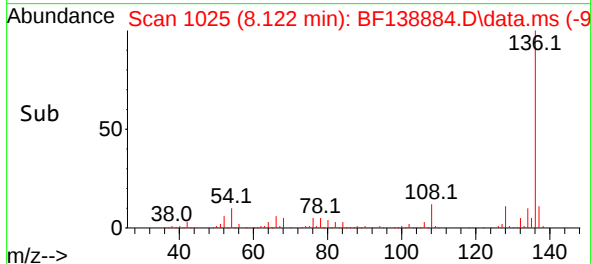
Tgt Ion:136 Resp: 239610
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.6 8.6 12.8
68 5.3 4.8 7.2

Manual Integrations

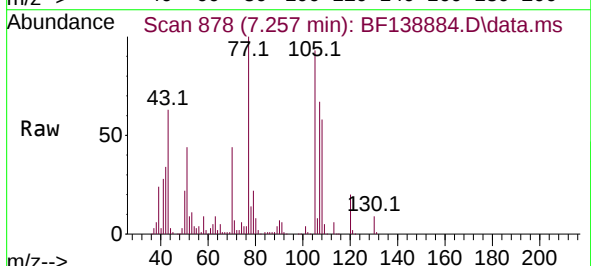
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

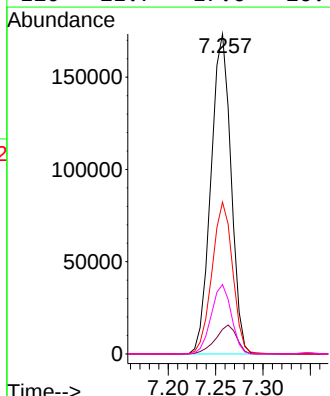
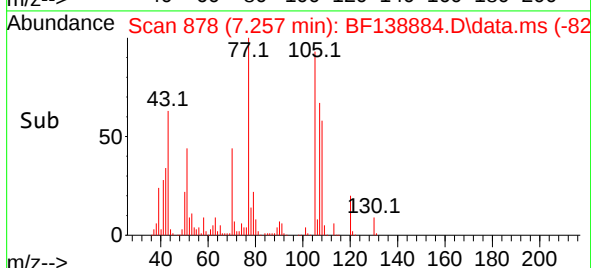
Supervised By :mohammad ahmed 08/12/2024



#22
Acetophenone
Concen: 43.560 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion:105 Resp: 255561
Ion Ratio Lower Upper
105 100
71 7.7 7.2 10.8
51 47.4 35.9 53.9
120 21.7 17.6 26.4





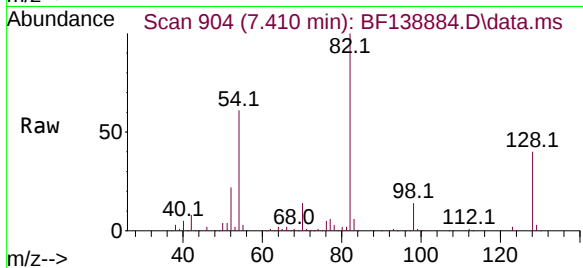
#23
Nitrobenzene-d5
Concen: 84.691 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

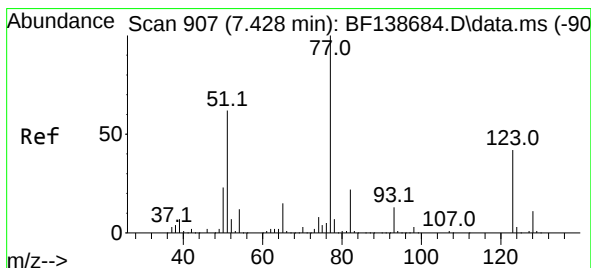
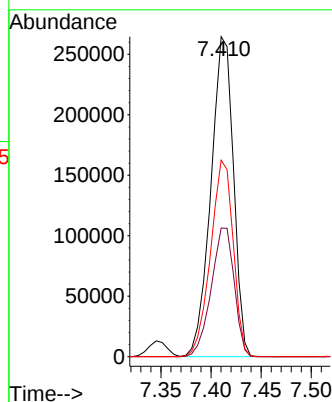
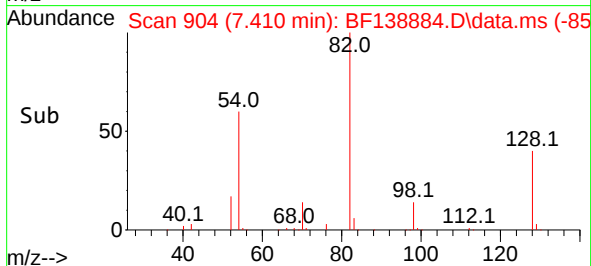


Tgt Ion: 82 Resp: 415059
Ion Ratio Lower Upper
82 100
128 40.2 32.8 49.2
54 61.4 48.3 72.5

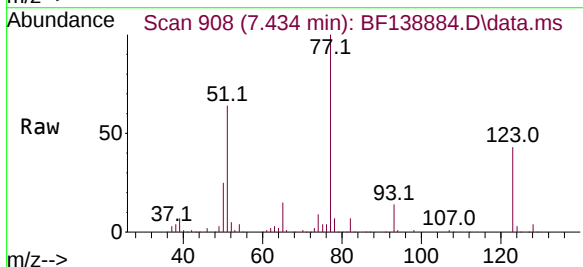
Manual Integrations

APPROVED

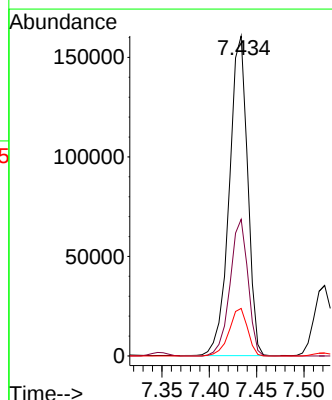
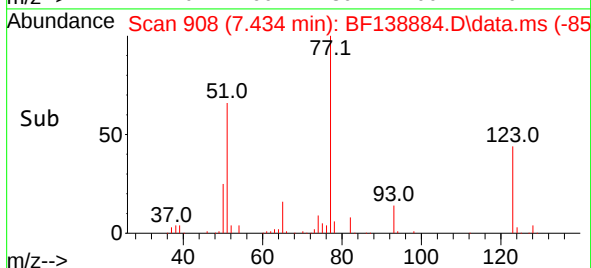
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

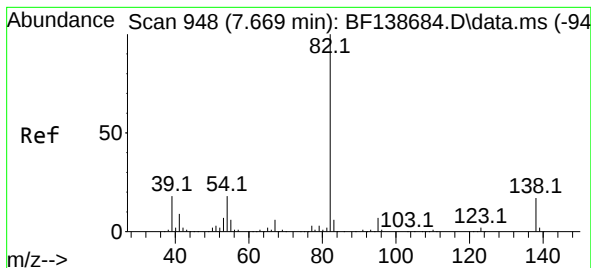


#24
Nitrobenzene
Concen: 43.241 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion: 77 Resp: 215643
Ion Ratio Lower Upper
77 100
123 42.7 33.3 49.9
65 14.8 11.9 17.9





#25

Isophorone

Concen: 45.835 ng

RT: 7.669 min Scan# 948

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion: 82 Resp: 38356

Ion Ratio Lower Upper

82 100

95 8.2 5.7 8.5

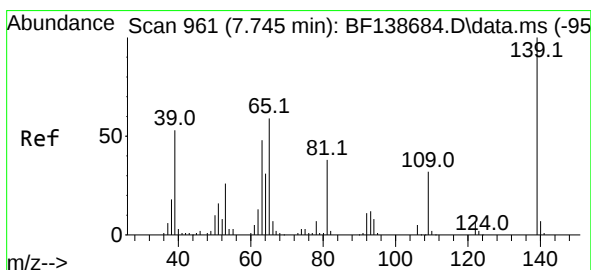
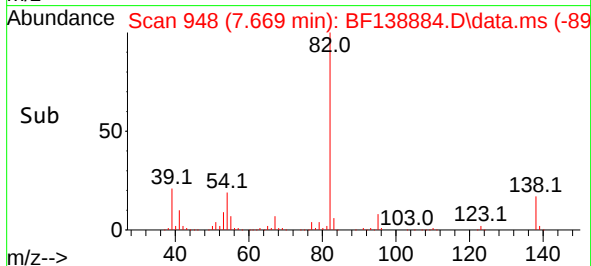
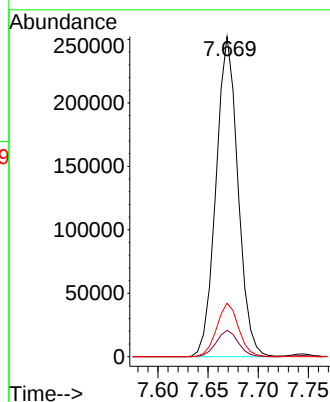
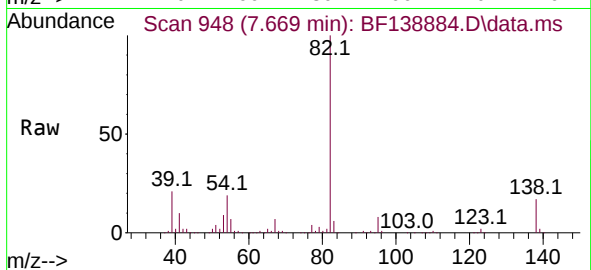
138 16.7 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#26

2-Nitrophenol

Concen: 46.559 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

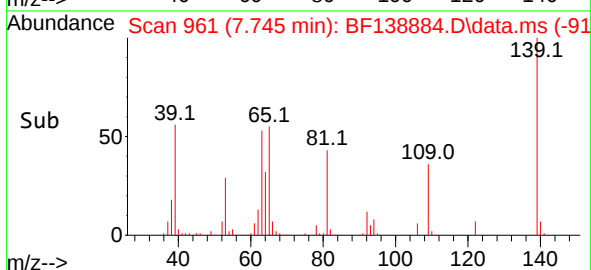
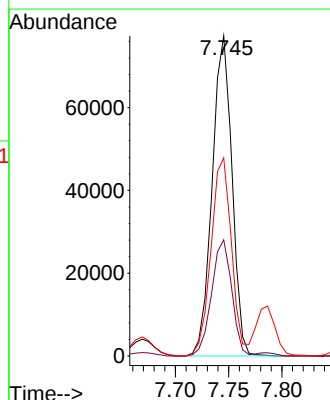
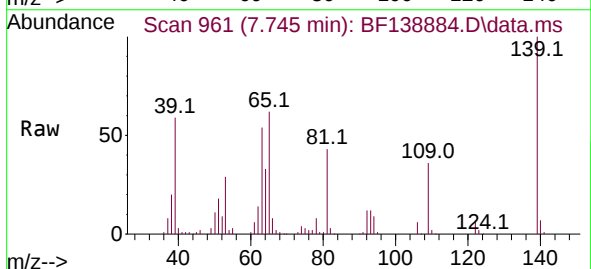
Tgt Ion:139 Resp: 99896

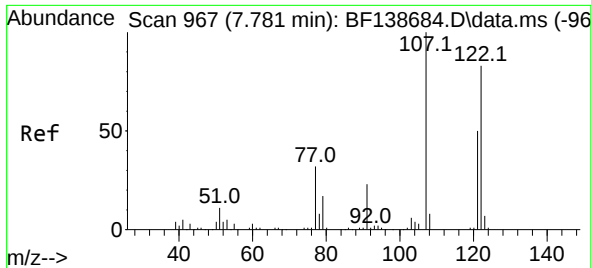
Ion Ratio Lower Upper

139 100

109 36.3 25.9 38.9

65 61.9 47.0 70.6





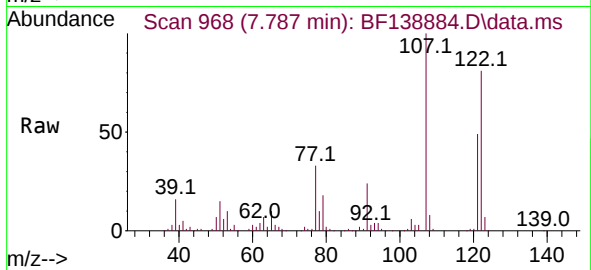
#27
2,4-Dimethylphenol
Concen: 50.583 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS



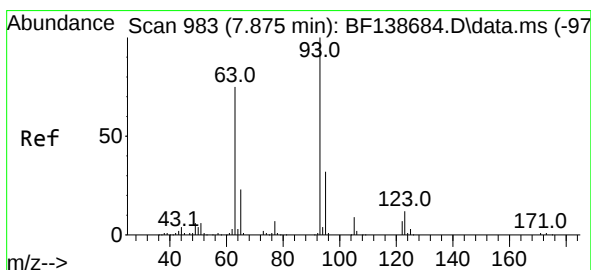
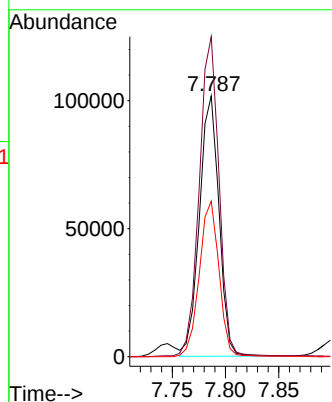
Tgt Ion:122 Resp: 12985
Ion Ratio Lower Upper
122 100
107 122.7 95.0 142.6
121 59.7 47.3 70.9

Manual Integrations

APPROVED

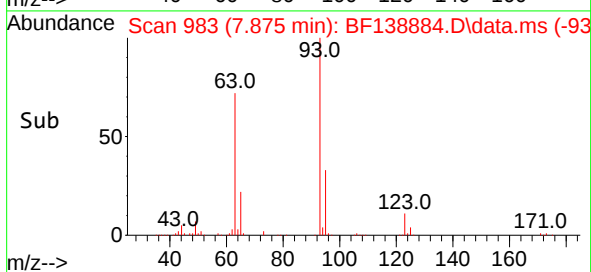
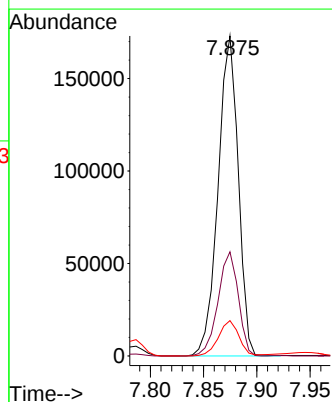
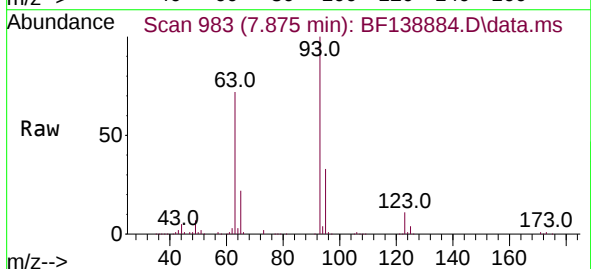
Reviewed By :Yogesh Patel 08/10/2024

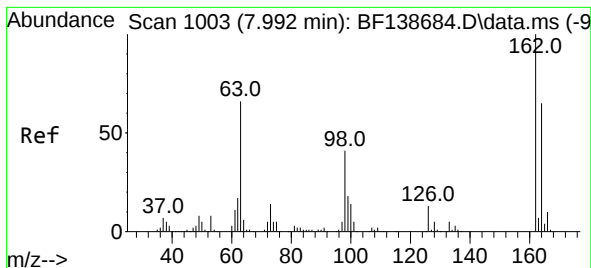
Supervised By :mohammad ahmed 08/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.671 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion: 93 Resp: 227649
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.0 9.4 14.0





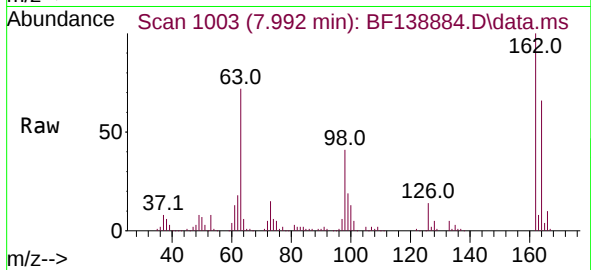
#29
2,4-Dichlorophenol
Concen: 47.741 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

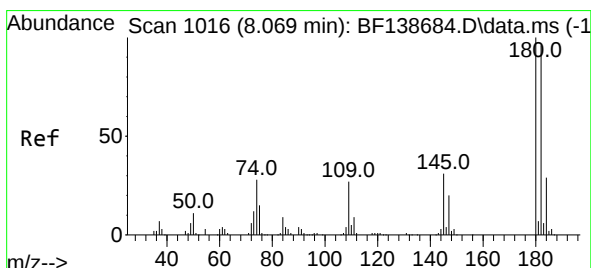
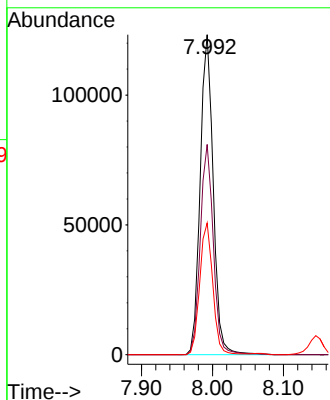
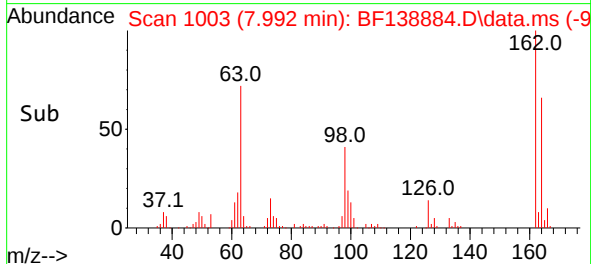


Tgt Ion:162 Resp: 15748
Ion Ratio Lower Upper
162 100
164 65.7 44.7 84.7
98 41.2 20.8 60.8

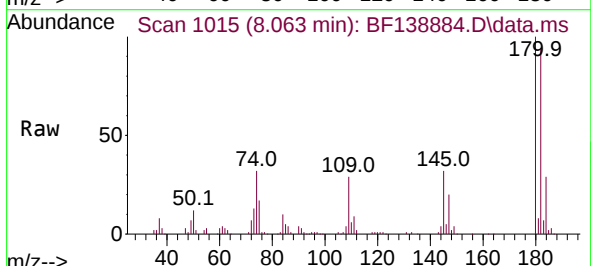
Manual Integrations

APPROVED

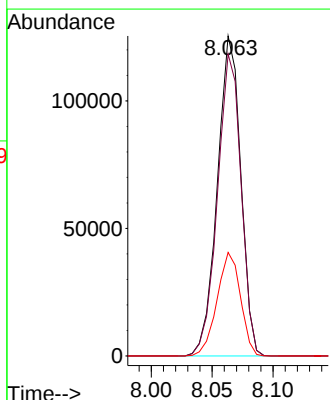
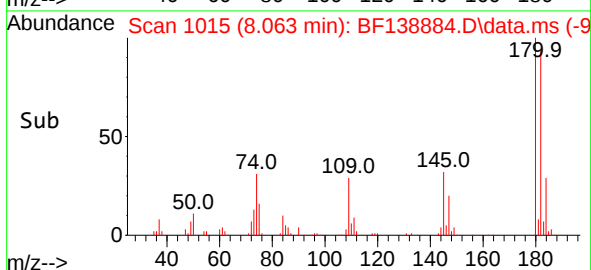
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.120 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion:180 Resp: 167955
Ion Ratio Lower Upper
180 100
182 94.4 76.9 115.3
145 32.4 25.0 37.4





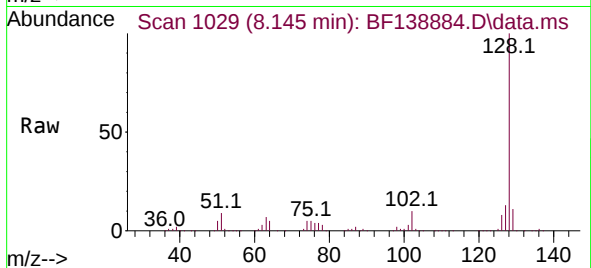
#31
Naphthalene
Concen: 44.654 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

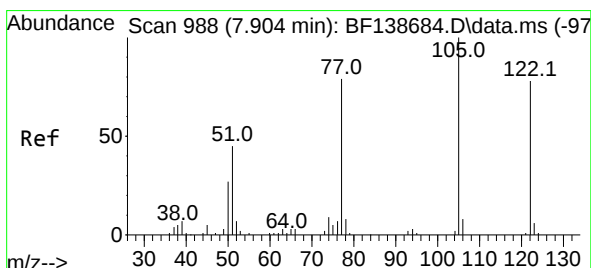
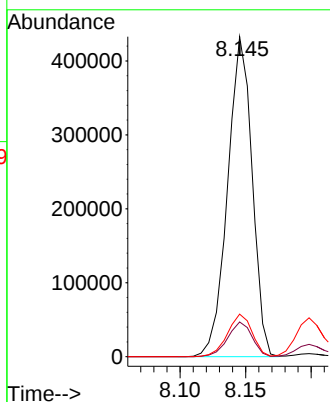
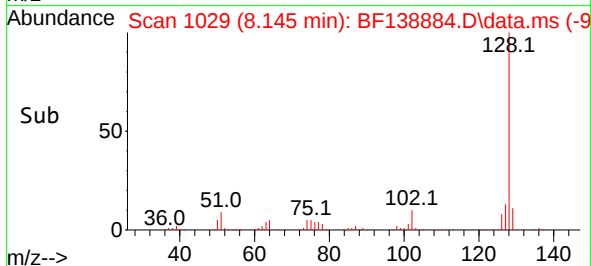


Tgt Ion:128 Resp: 563190
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 16.0

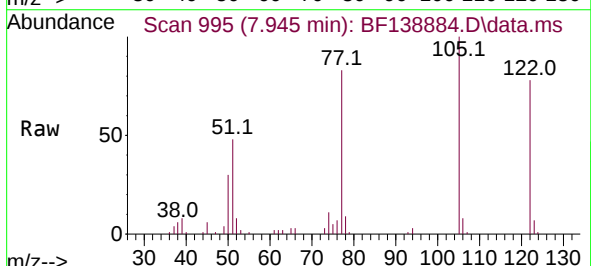
Manual Integrations

APPROVED

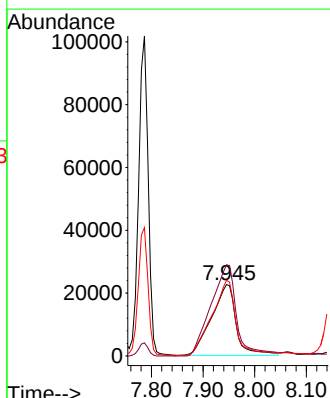
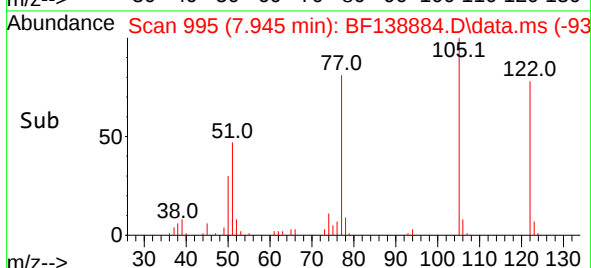
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#32
Benzoic acid
Concen: 36.770 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion:122 Resp: 74199
Ion Ratio Lower Upper
122 100
105 127.8 106.7 146.7
77 106.1 81.1 121.1





#33
4-Chloroaniline
Concen: 23.109 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

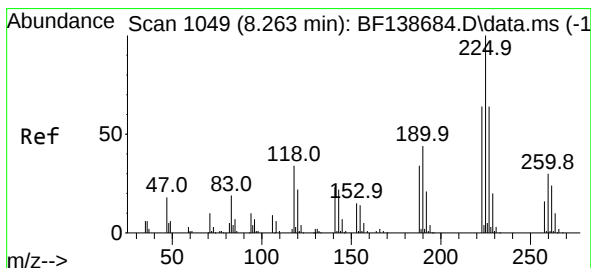
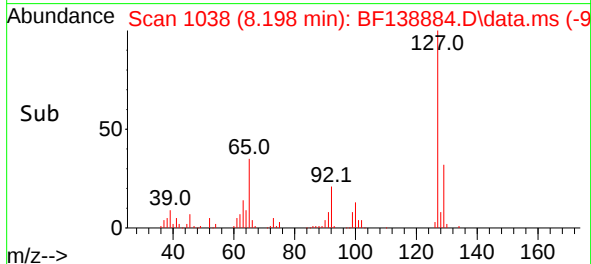
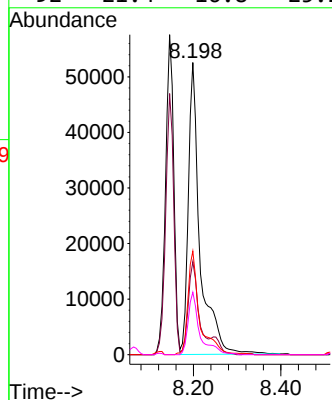
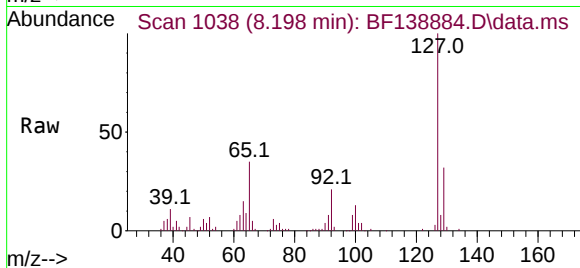
ClientSampleId :

PB162423BS

Tgt Ion:127 Resp: 9783
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 35.4 27.6 41.4
92 21.4 16.8 25.2

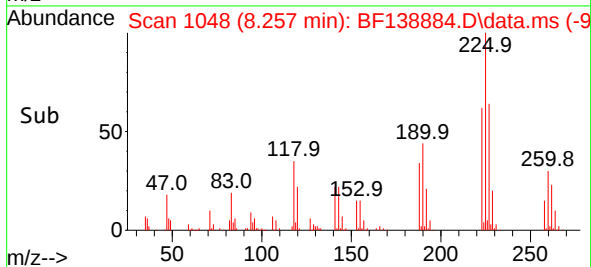
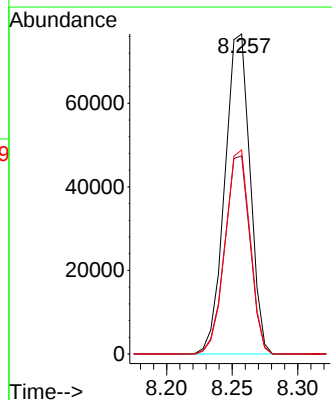
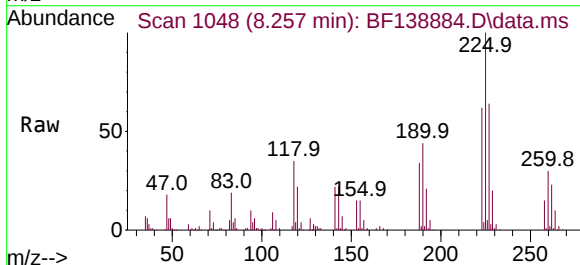
Manual Integrations
APPROVED

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



#34
Hexachlorobutadiene
Concen: 44.416 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

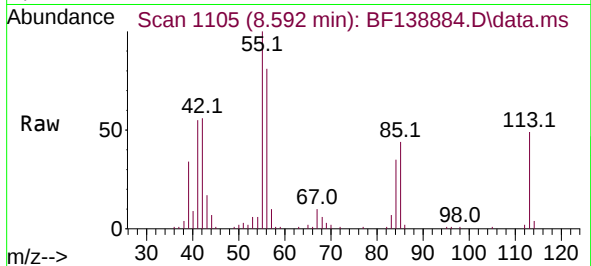
Tgt Ion:225 Resp: 102412
Ion Ratio Lower Upper
225 100
223 61.9 51.2 76.8
227 63.7 51.1 76.7





#35
Caprolactam
Concen: 43.680 ng m
RT: 8.592 min Scan# 1101
Delta R.T. 0.024 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

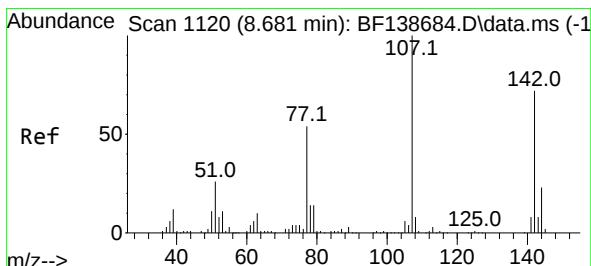
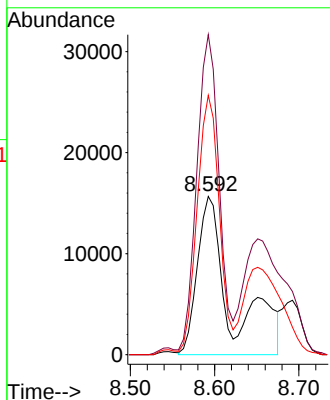
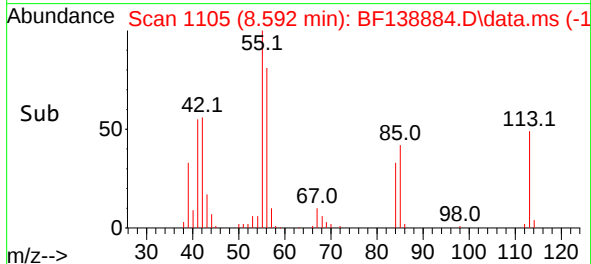
Instrument :
BNA_F
ClientSampleId :
PB162423BS



Tgt Ion:113 Resp: 4299
Ion Ratio Lower Upper
113 100
55 202.2 186.7 226.7
56 163.9 138.9 178.9

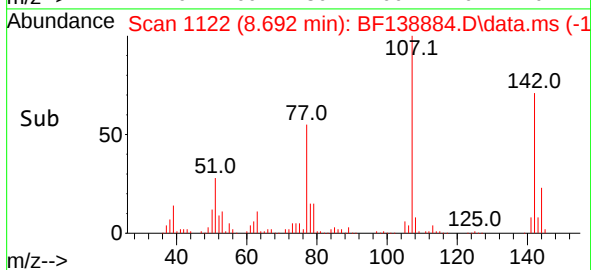
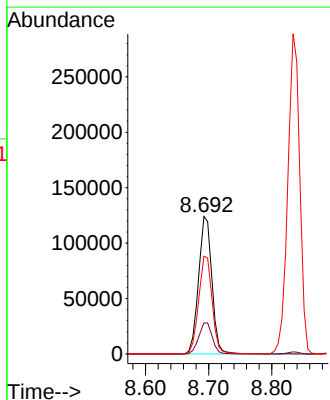
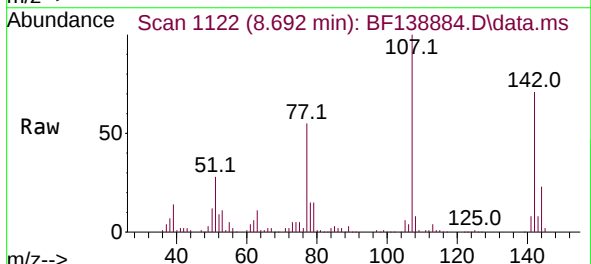
Manual Integrations
APPROVED

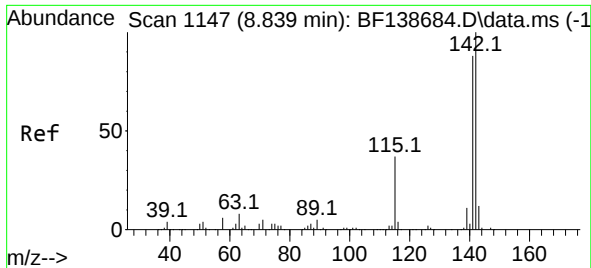
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#36
4-Chloro-3-methylphenol
Concen: 48.498 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:107 Resp: 182831
Ion Ratio Lower Upper
107 100
144 22.6 18.2 27.2
142 71.1 57.4 86.2





#37
2-Methylnaphthalene
Concen: 47.487 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

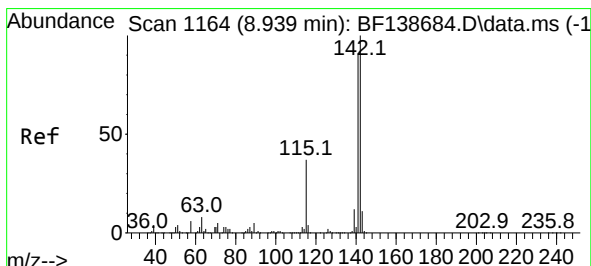
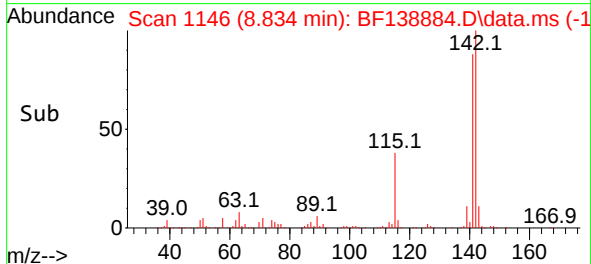
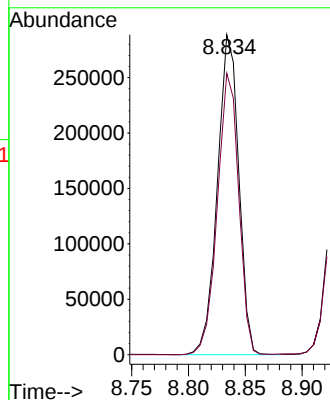
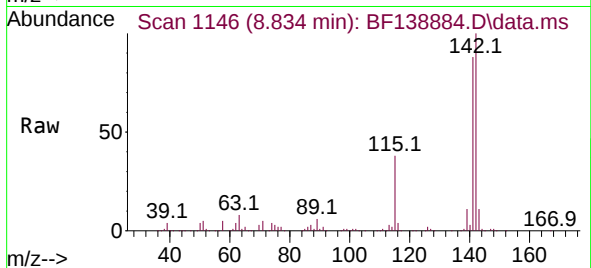
ClientSampleId :

PB162423BS

Tgt Ion:142 Resp: 37825
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2

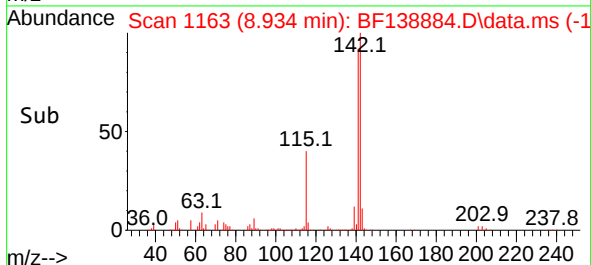
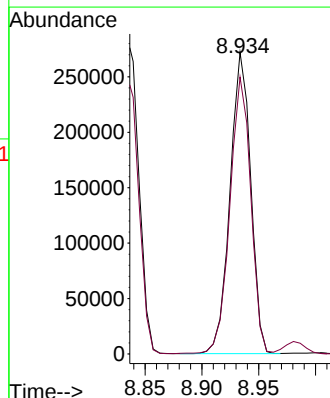
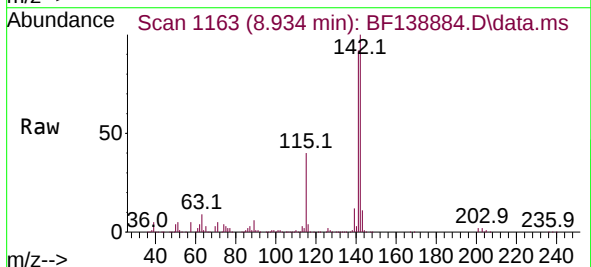
Manual Integrations
APPROVED

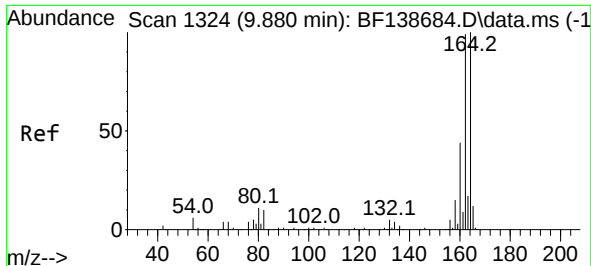
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#38
1-Methylnaphthalene
Concen: 44.045 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:142 Resp: 343784
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7





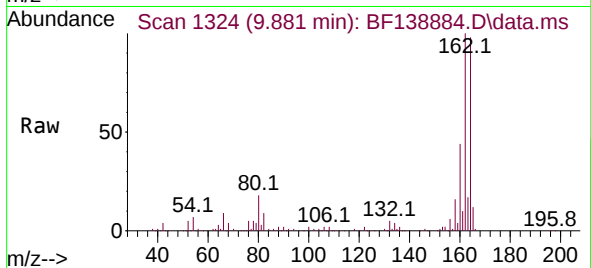
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

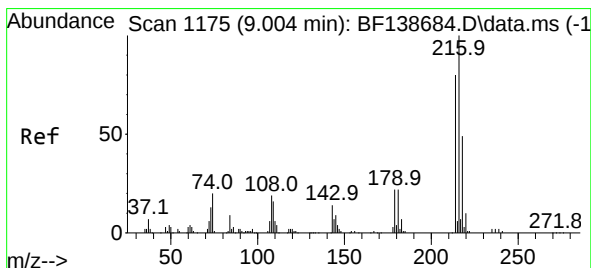
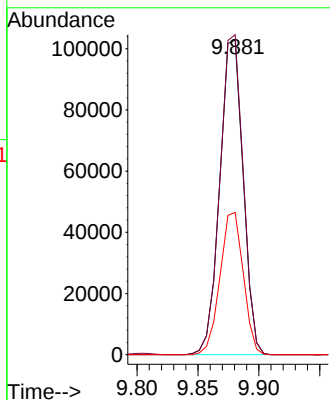
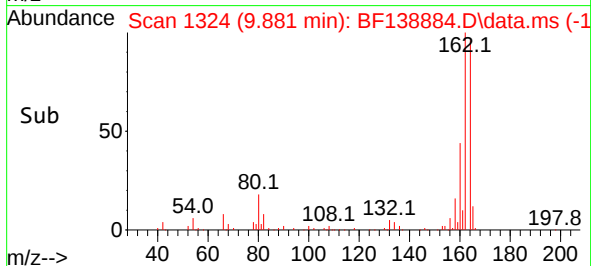
PB162423BS



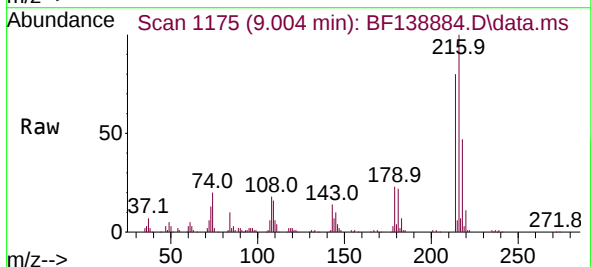
Tgt Ion:164 Resp: 137458
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 45.2 35.1 52.7

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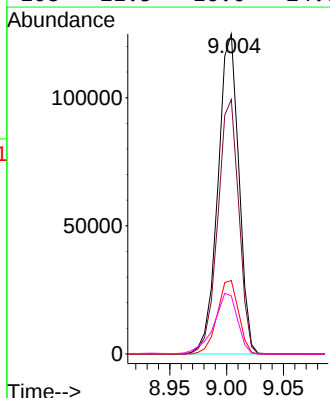
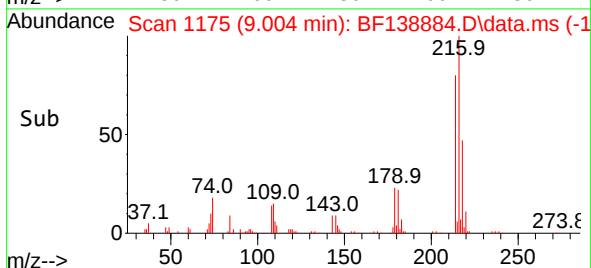
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

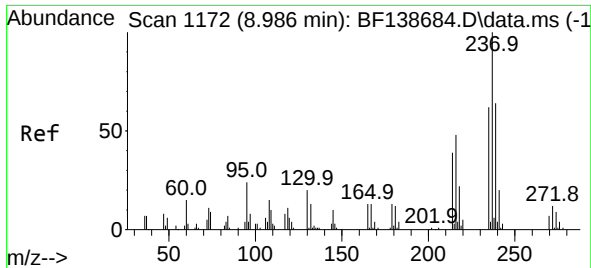


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.914 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion:216 Resp: 160044
Ion Ratio Lower Upper
216 100
214 79.7 63.9 95.9
179 23.4 17.8 26.6
108 21.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 105.078 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

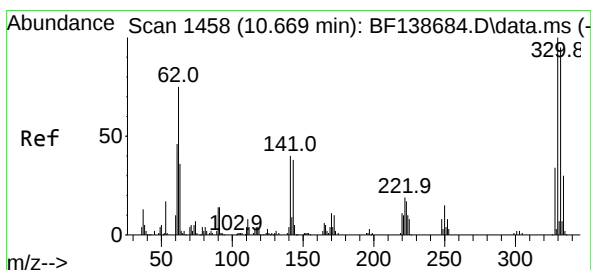
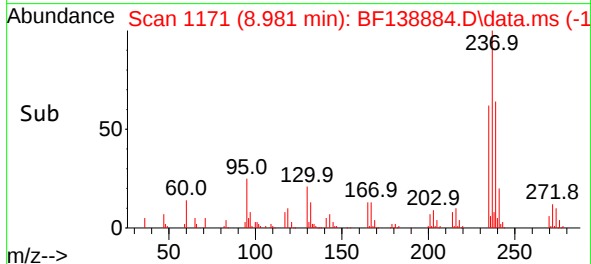
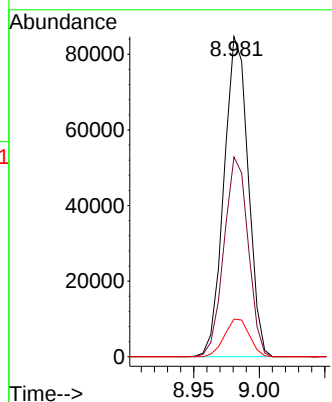
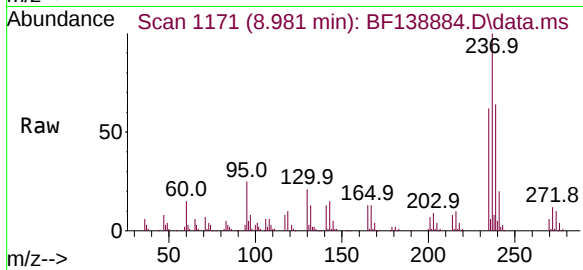
ClientSampleId :

PB162423BS

Tgt Ion:237 Resp: 10861
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 11.8 0.0 32.2

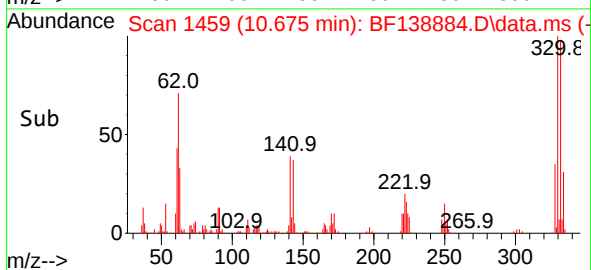
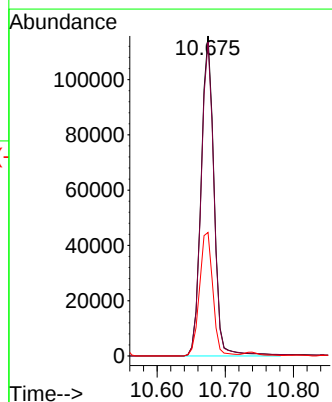
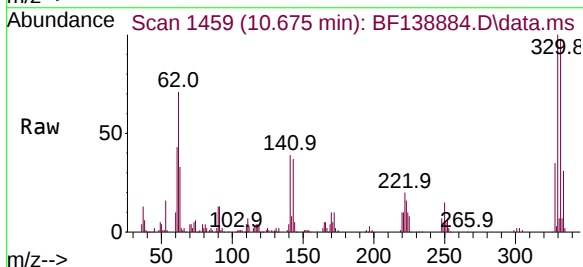
Manual Integrations
APPROVED

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



#42
2,4,6-Tribromophenol
Concen: 135.760 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

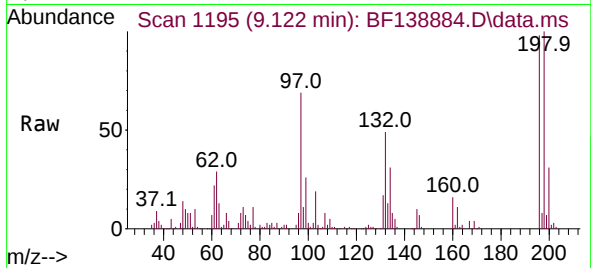
Tgt Ion:330 Resp: 152861
Ion Ratio Lower Upper
330 100
332 98.7 76.4 114.6
141 39.8 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 45.633 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

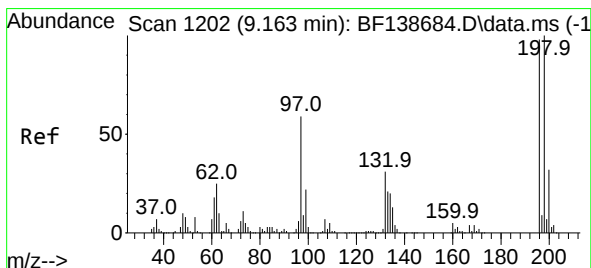
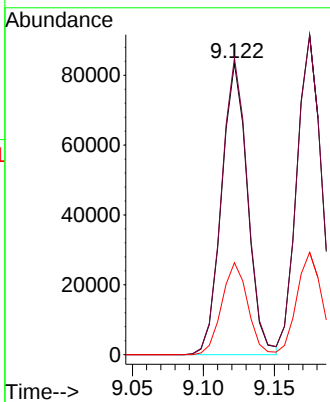
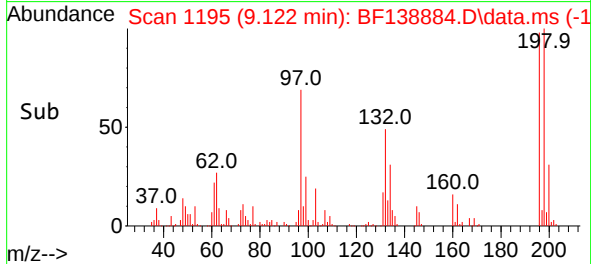
Instrument :
BNA_F
ClientSampleId :
PB162423BS



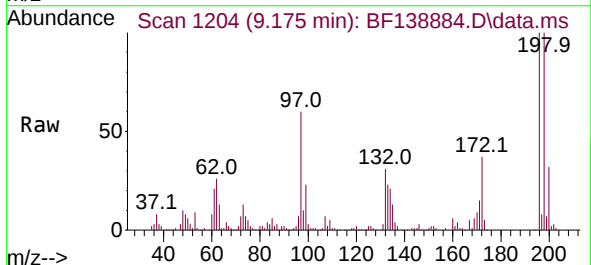
Tgt Ion:196 Resp: 106239
Ion Ratio Lower Upper
196 100
198 101.9 80.5 120.7
200 31.6 25.9 38.9

Manual Integrations
APPROVED

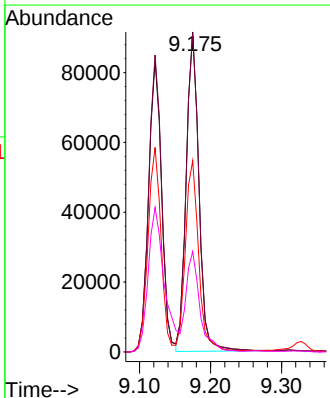
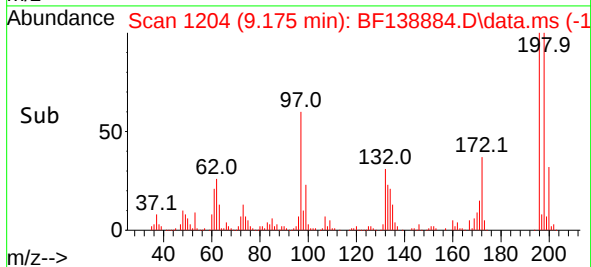
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

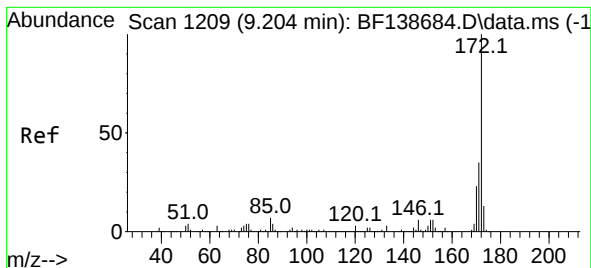


#44
2,4,5-Trichlorophenol
Concen: 44.656 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion:196 Resp: 113656
Ion Ratio Lower Upper
196 100
198 99.6 81.2 121.8
97 59.8 47.8 71.6
132 31.4 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 86.954 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

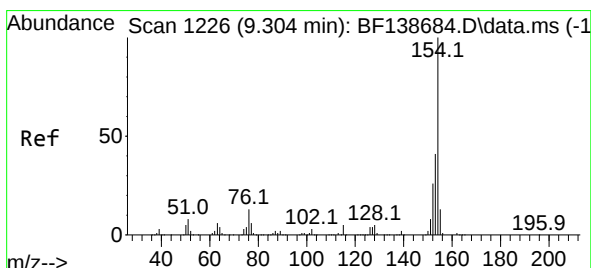
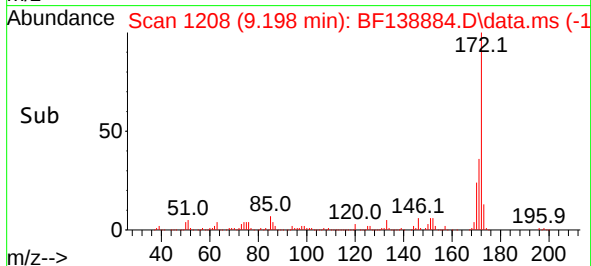
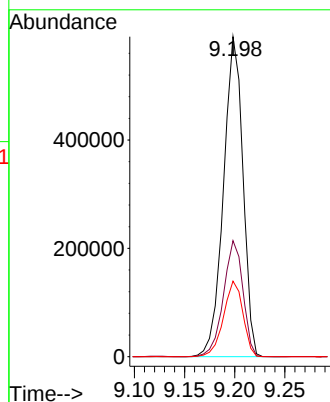
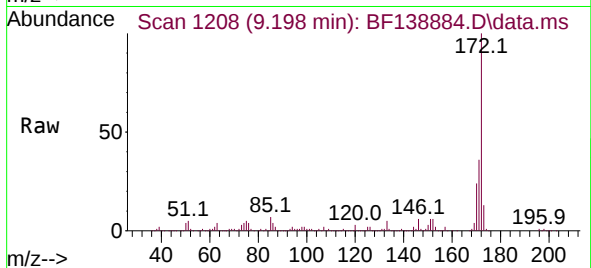
Tgt Ion:	172	Resp:	79551
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.3	42.5
170	23.6	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#46

1,1'-Biphenyl

Concen: 41.383 ng

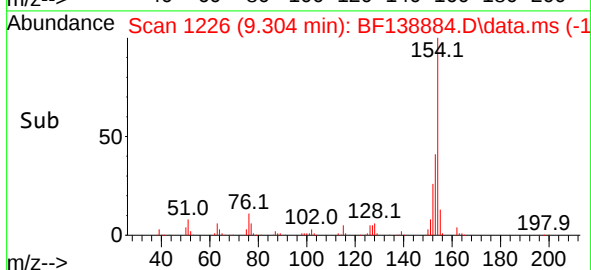
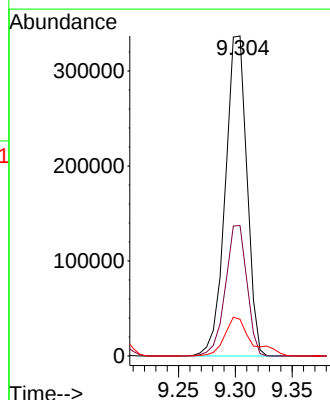
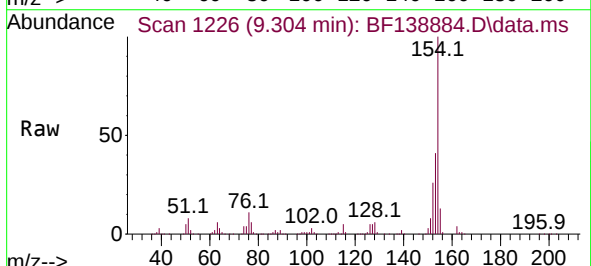
RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Tgt Ion:	154	Resp:	445508
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	11.5	0.0	32.8





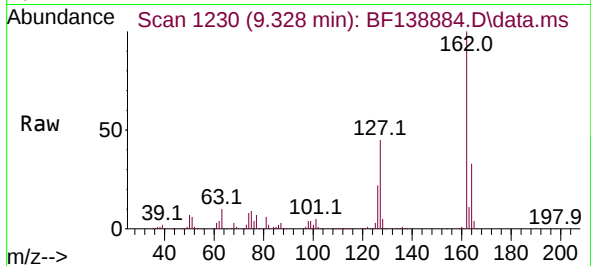
#47
2-Chloronaphthalene
Concen: 43.720 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

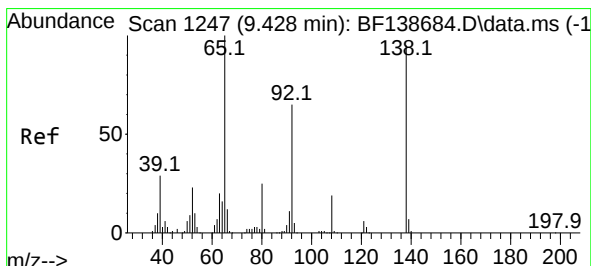
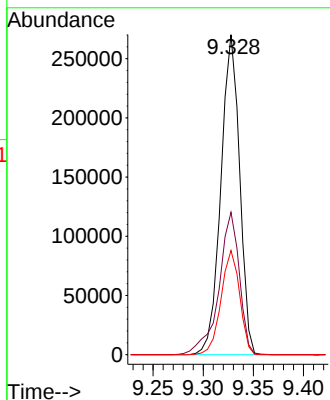
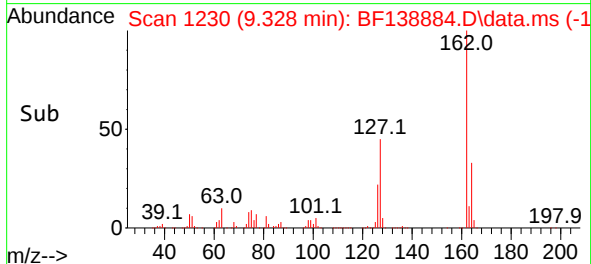
PB162423BS



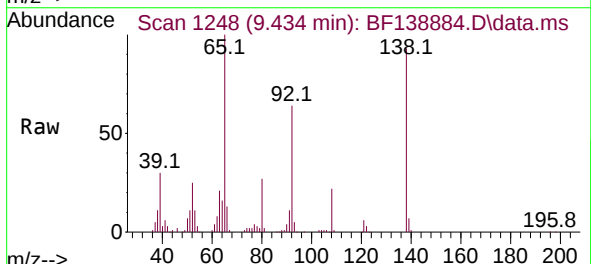
Tgt Ion:162 Resp: 350048
Ion Ratio Lower Upper
162 100
127 44.5 35.4 53.2
164 32.6 25.6 38.4

Manual Integrations
APPROVED

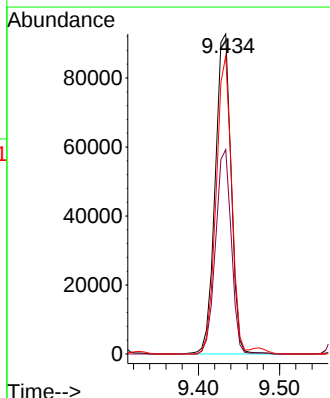
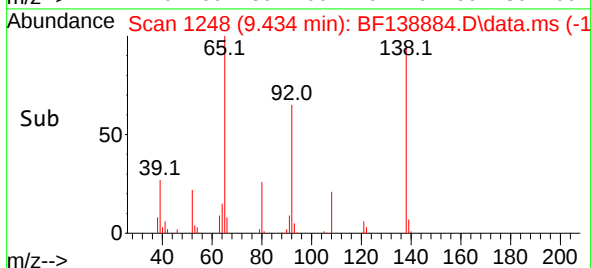
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

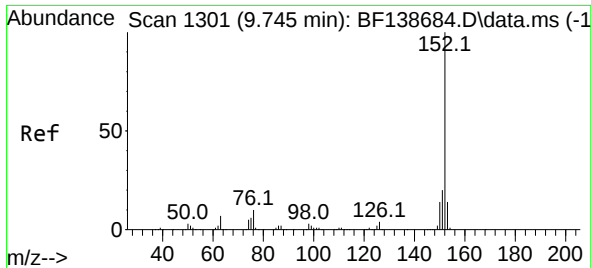


#48
2-Nitroaniline
Concen: 46.637 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion: 65 Resp: 126588
Ion Ratio Lower Upper
65 100
92 63.8 52.0 78.0
138 93.1 76.2 114.4





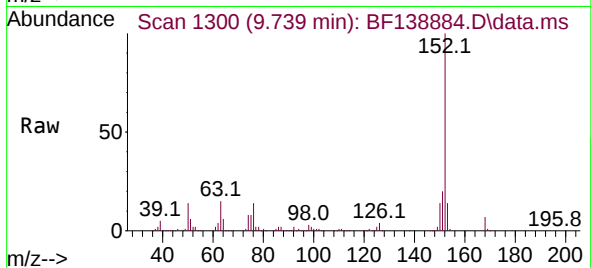
#49
Acenaphthylene
Concen: 48.769 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS



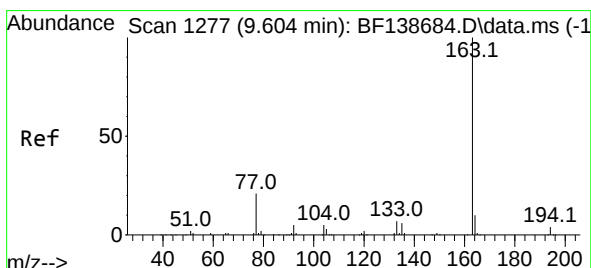
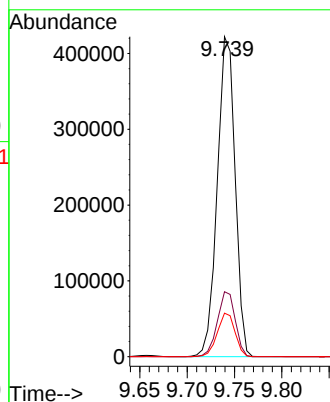
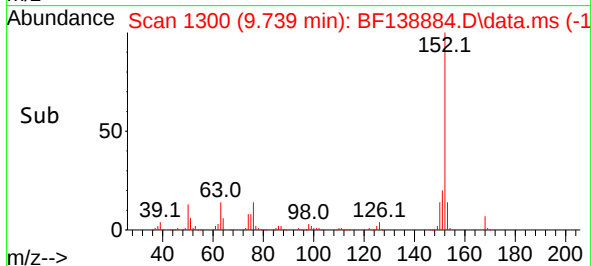
Tgt Ion:152 Resp: 55381
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.6 11.0 16.4

Manual Integrations

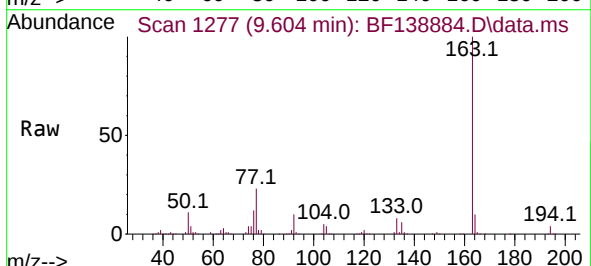
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

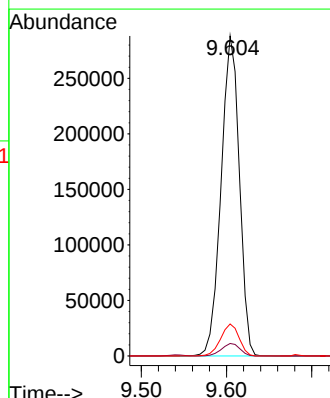
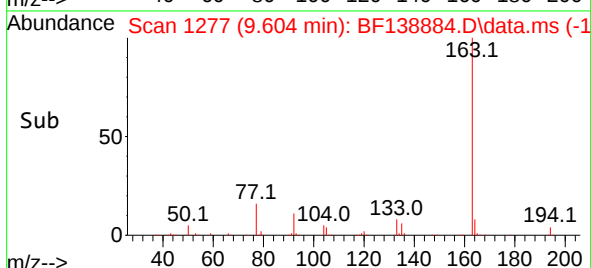
Supervised By :mohammad ahmed 08/12/2024

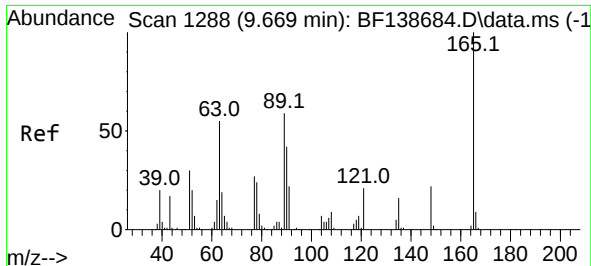


#50
Dimethylphthalate
Concen: 48.785 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



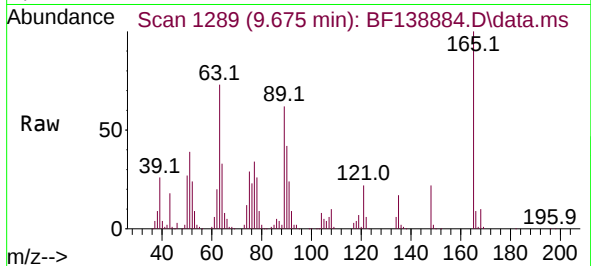
Tgt Ion:163 Resp: 428780
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 45.692 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

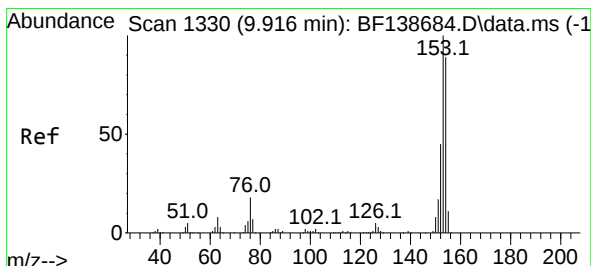
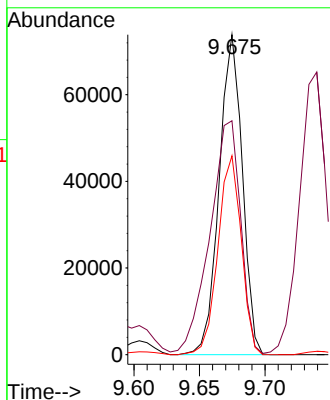
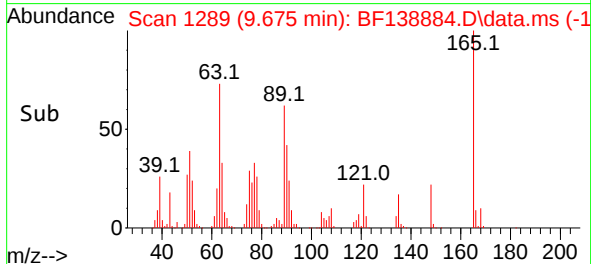
Instrument :
BNA_F
ClientSampleId :
PB162423BS



Tgt Ion:165 Resp: 9063
Ion Ratio Lower Upper
165 100
63 73.1 52.0 78.0
89 62.2 47.0 70.6

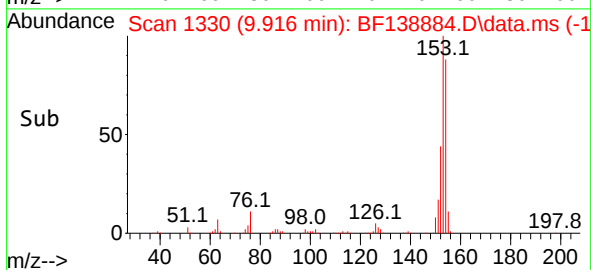
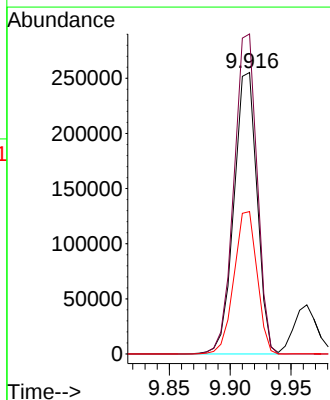
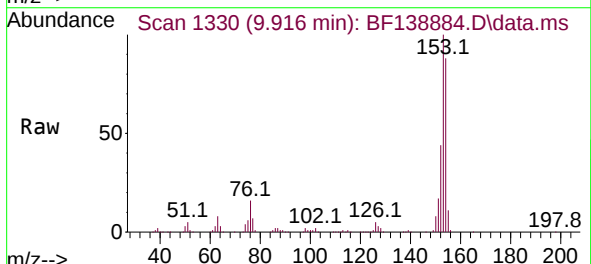
Manual Integrations
APPROVED

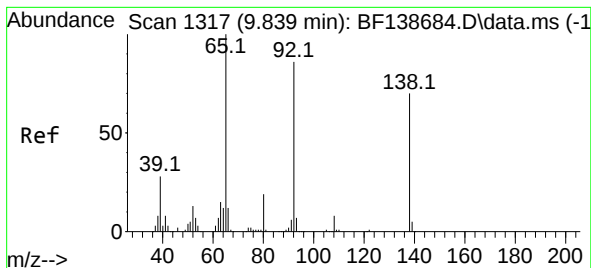
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#52
Acenaphthene
Concen: 44.313 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:154 Resp: 338264
Ion Ratio Lower Upper
154 100
153 113.7 89.9 134.9
152 50.6 40.6 60.8





#53
3-Nitroaniline
Concen: 30.016 ng
RT: 9.845 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

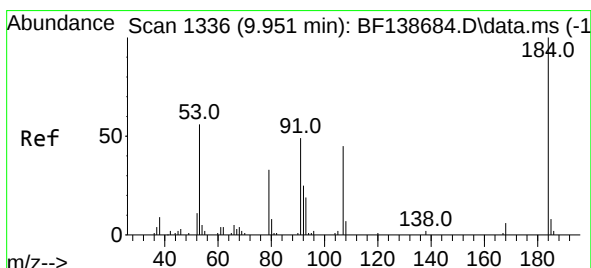
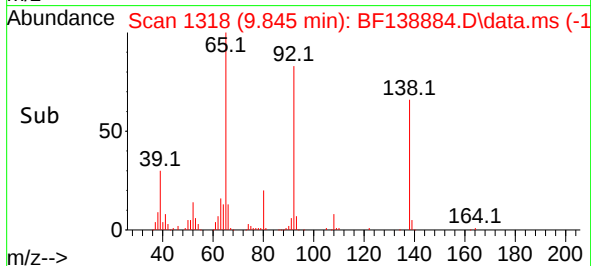
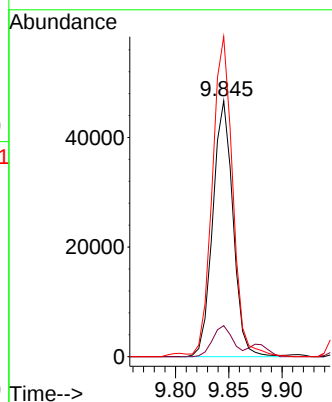
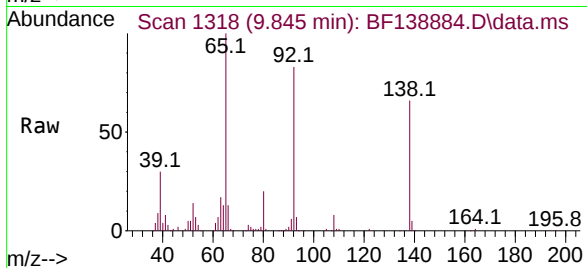
PB162423BS

Tgt Ion:138 Resp: 61549
Ion Ratio Lower Upper
138 100
108 12.1 9.1 13.7
92 125.1 98.7 148.1

Manual Integrations

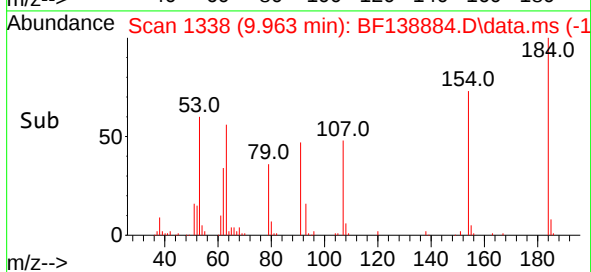
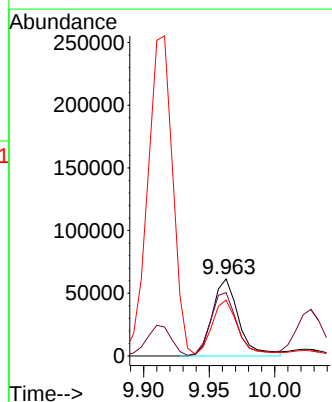
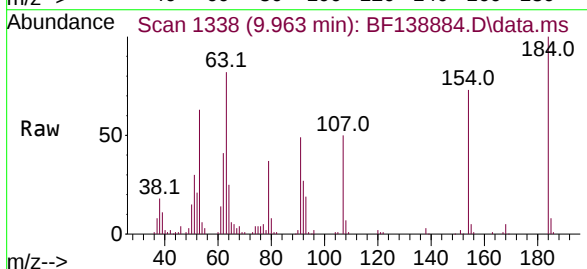
APPROVED

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



#54
2,4-Dinitrophenol
Concen: 93.870 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

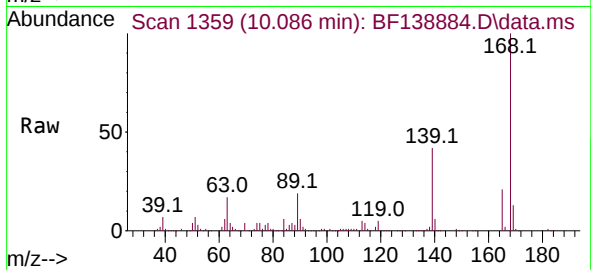
Tgt Ion:184 Resp: 85713
Ion Ratio Lower Upper
184 100
63 82.3 57.5 86.3
154 72.5 51.7 77.5





#55
Dibenzenofuran
Concen: 47.070 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

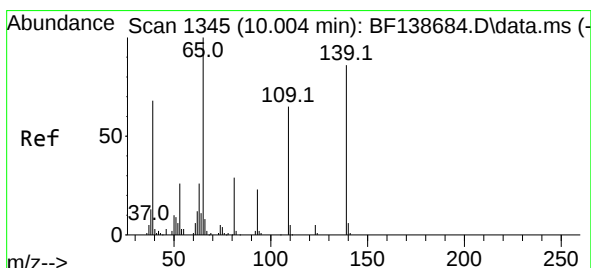
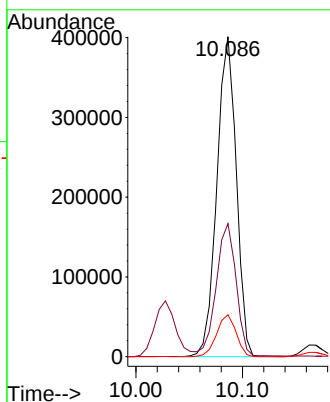
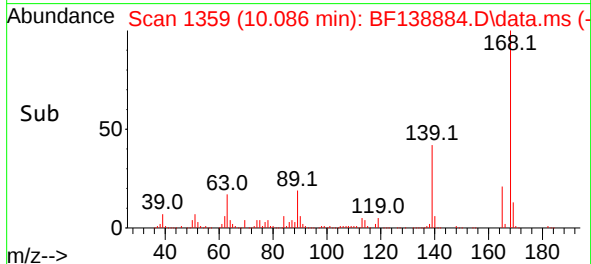
Instrument :
BNA_F
ClientSampleId :
PB162423BS



Tgt Ion:168 Resp: 507209
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.1 10.7 16.1

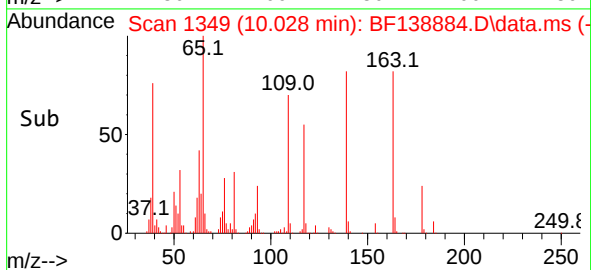
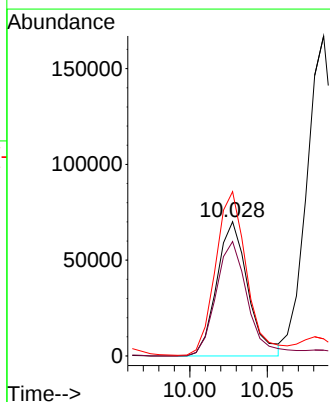
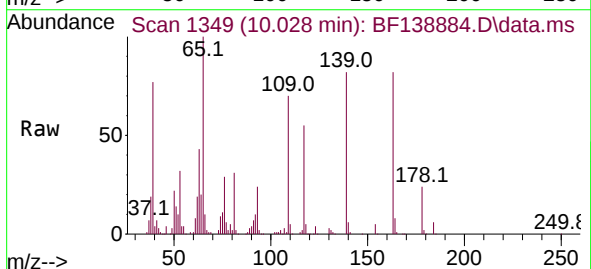
Manual Integrations
APPROVED

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



#56
4-Nitrophenol
Concen: 79.575 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:139 Resp: 98124
Ion Ratio Lower Upper
139 100
109 85.2 55.5 95.5
65 122.4 96.7 136.7





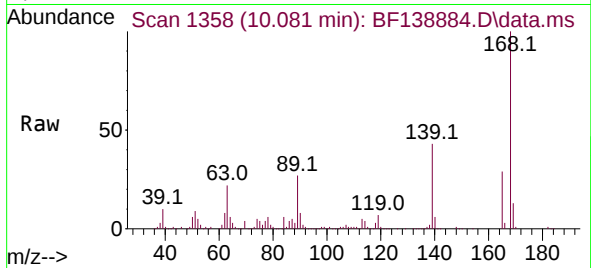
#57
2,4-Dinitrotoluene
Concen: 49.154 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS



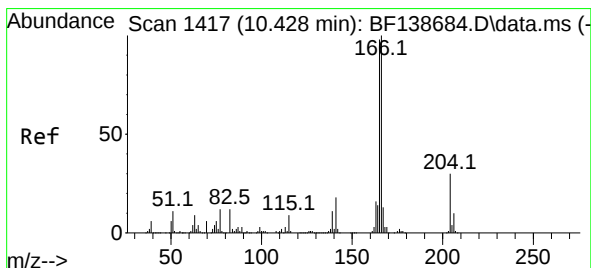
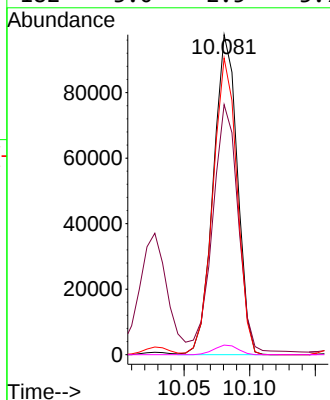
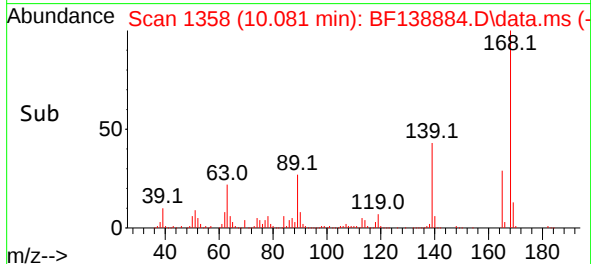
Tgt Ion:165 Resp: 124390
Ion Ratio Lower Upper
165 100
63 78.2 46.3 69.5
89 92.7 64.2 96.4
182 3.0 2.5 3.7

Manual Integrations

APPROVED

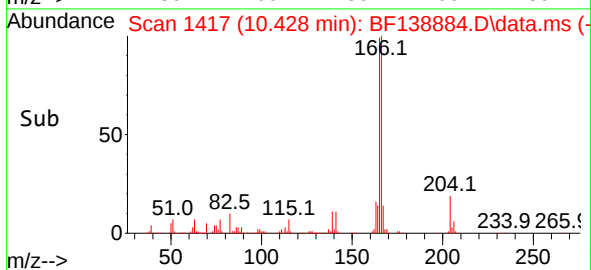
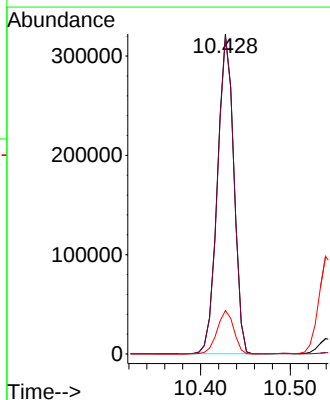
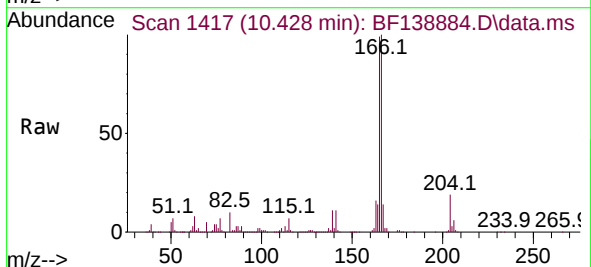
Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#58
Fluorene
Concen: 47.570 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

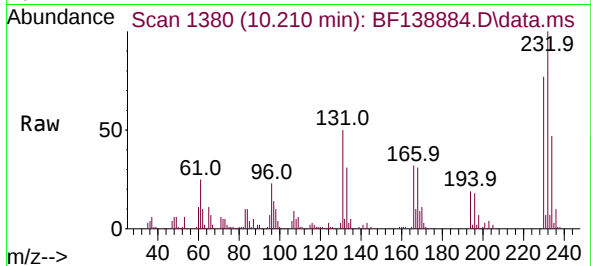
Tgt Ion:166 Resp: 408201
Ion Ratio Lower Upper
166 100
165 99.2 78.4 117.6
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.576 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

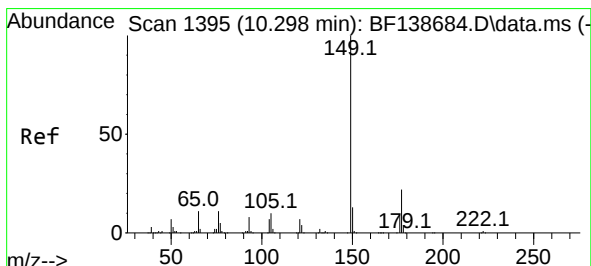
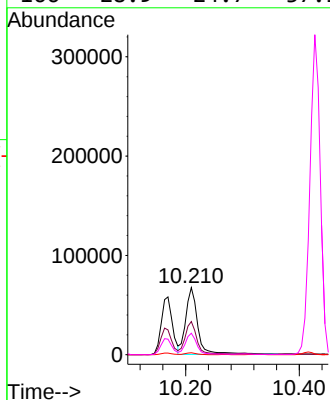
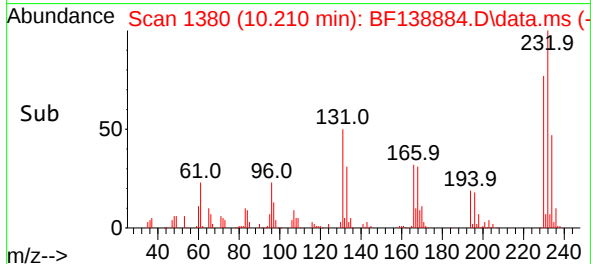
Instrument :
BNA_F
ClientSampleId :
PB162423BS



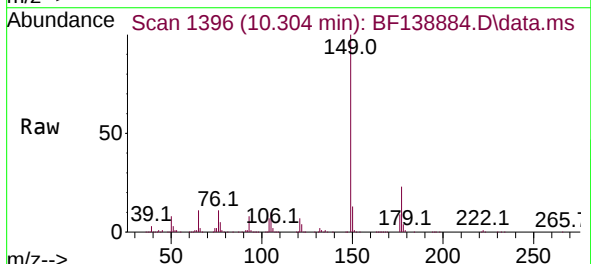
Tgt Ion:232 Resp: 9841
Ion Ratio Lower Upper
232 100
131 48.1 37.0 55.4
130 2.6 2.0 3.0
166 28.9 24.7 37.1

Manual Integrations
APPROVED

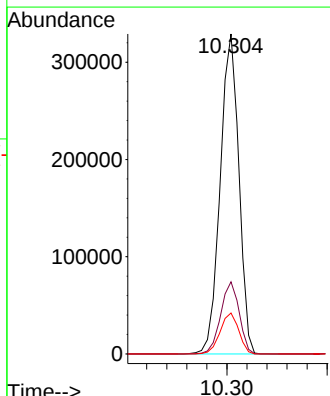
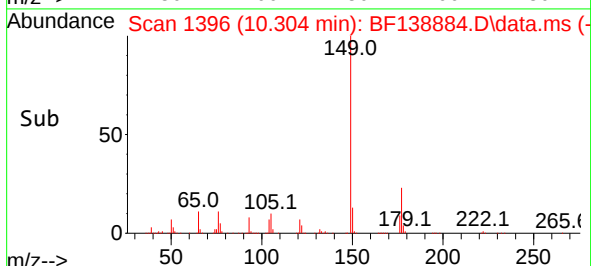
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

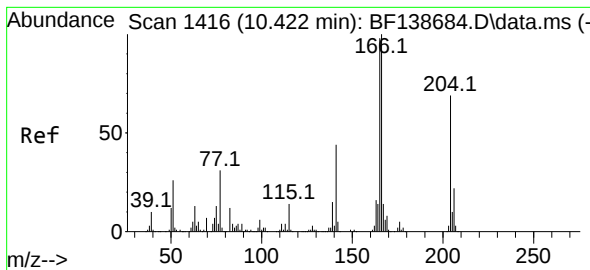


#60
Diethylphthalate
Concen: 50.866 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



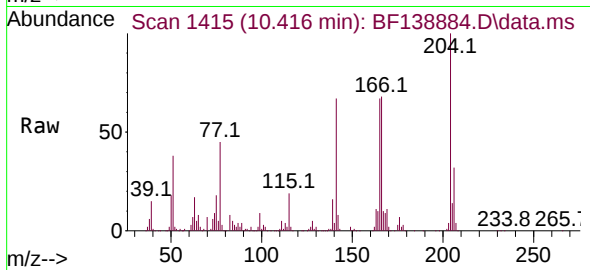
Tgt Ion:149 Resp: 423903
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.970 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

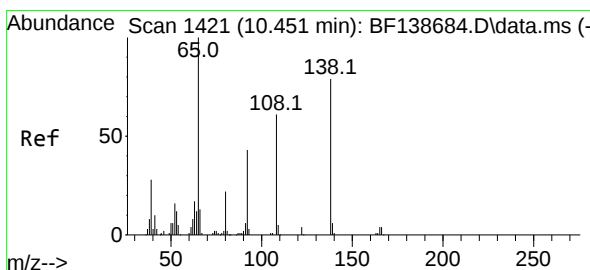
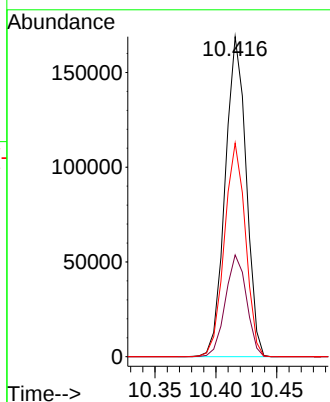
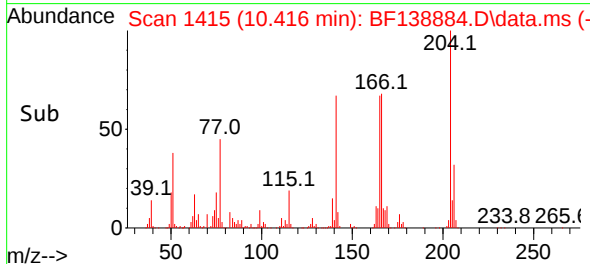
Instrument :
BNA_F
ClientSampleId :
PB162423BS



Tgt Ion:204 Resp: 202449
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 66.8 51.4 77.0

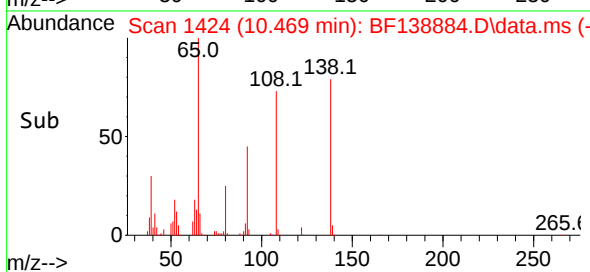
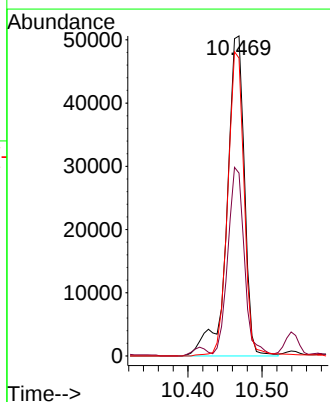
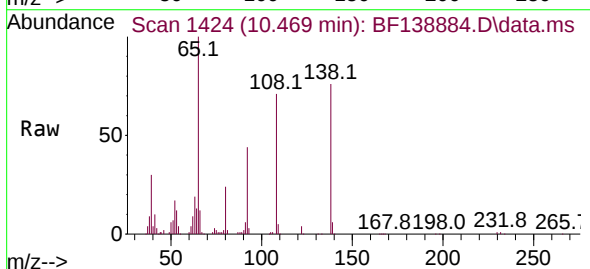
Manual Integrations
APPROVED

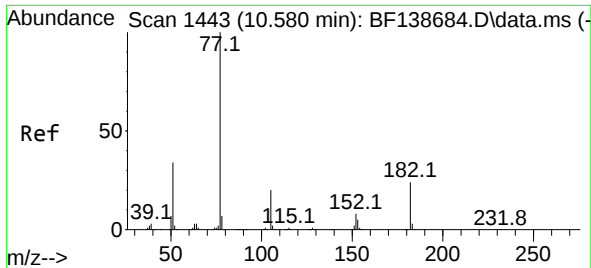
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#62
4-Nitroaniline
Concen: 42.622 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.018 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:138 Resp: 83056
Ion Ratio Lower Upper
138 100
92 57.2 34.2 74.2
108 93.1 56.2 96.2





#63
Azobenzene
Concen: 47.686 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

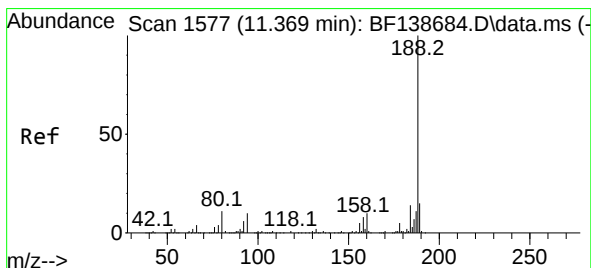
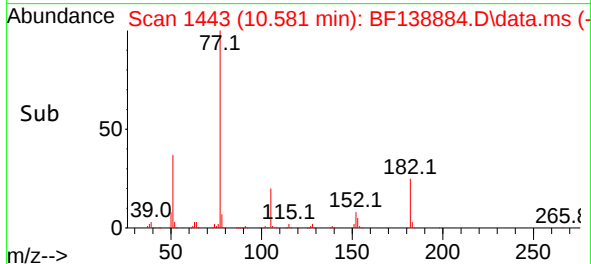
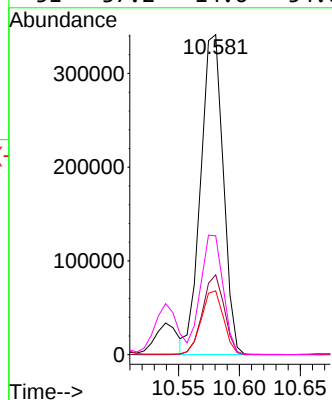
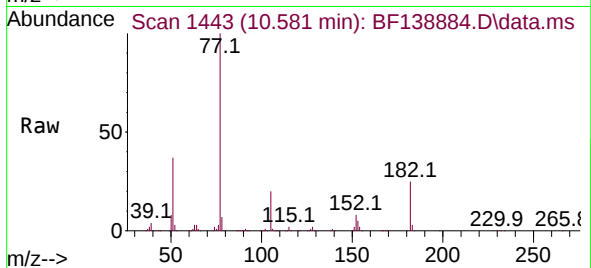
PB162423BS

Tgt Ion: 77 Resp: 440750
Ion Ratio Lower Upper
77 100
182 24.9 3.4 43.4
105 19.9 0.2 40.2
51 37.2 14.6 54.6

Manual Integrations

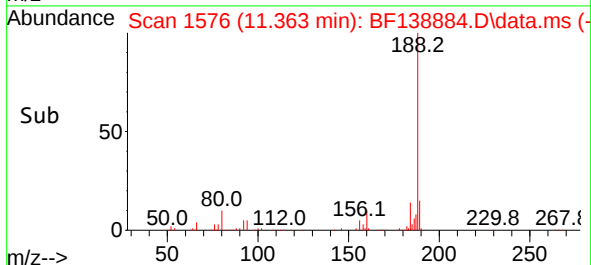
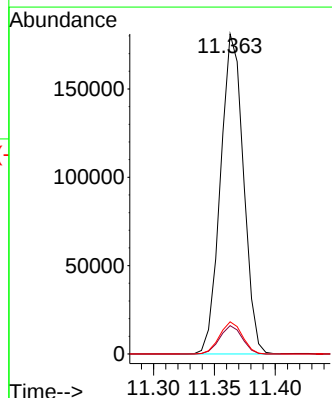
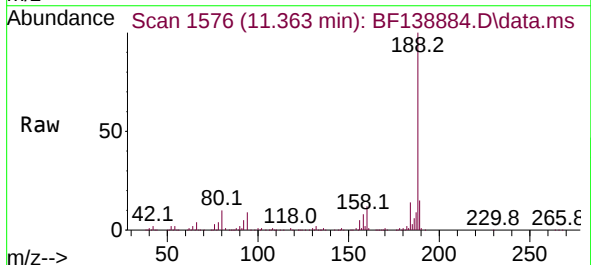
APPROVED

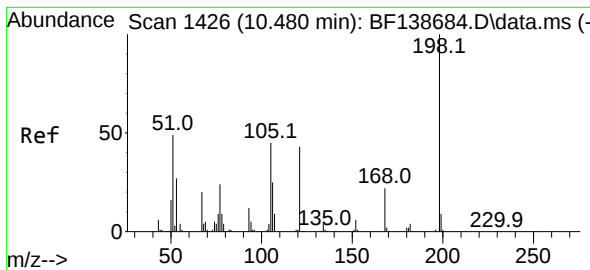
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:188 Resp: 237762
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 10.0 8.6 12.8





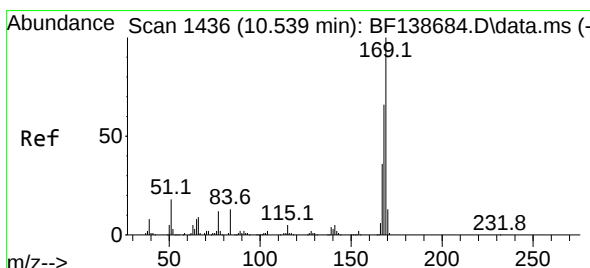
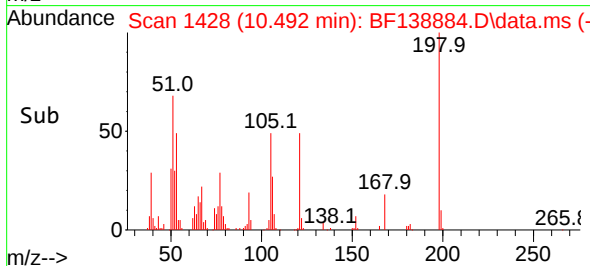
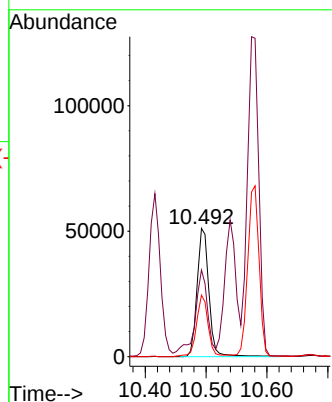
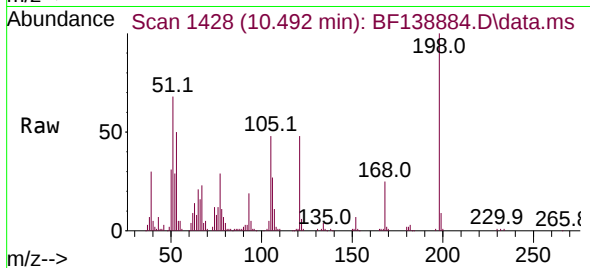
#65
4,6-Dinitro-2-methylphenol
Concen: 47.590 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:198 Resp: 6903
Ion Ratio Lower Upper
198 100
51 67.6 39.9 79.9
105 48.1 26.1 66.1

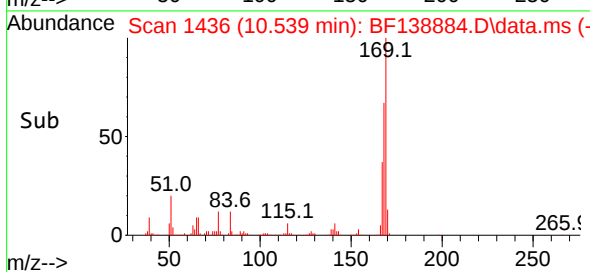
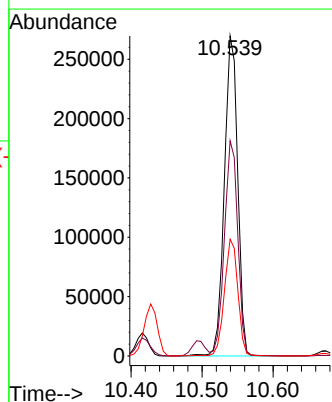
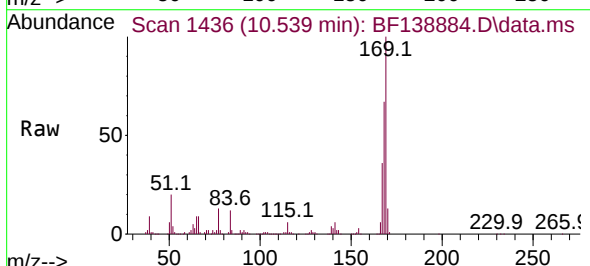
Manual Integrations
APPROVED

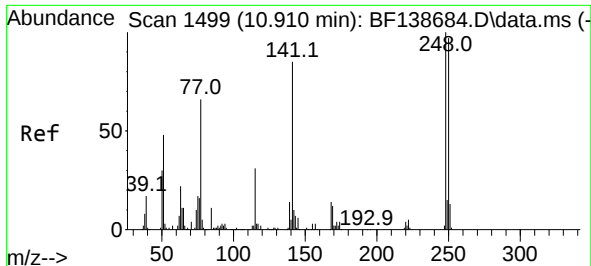
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#66
n-Nitrosodiphenylamine
Concen: 47.130 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

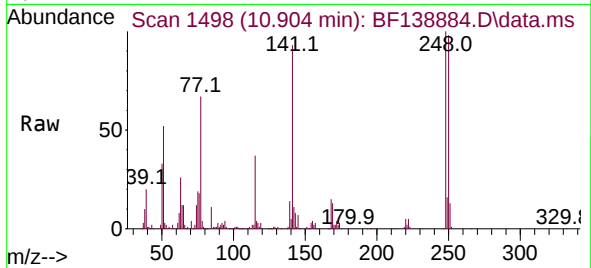
Tgt Ion:169 Resp: 350266
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.055 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

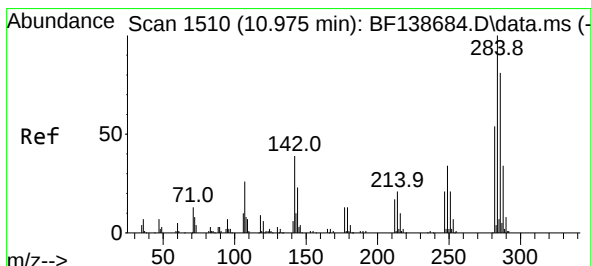
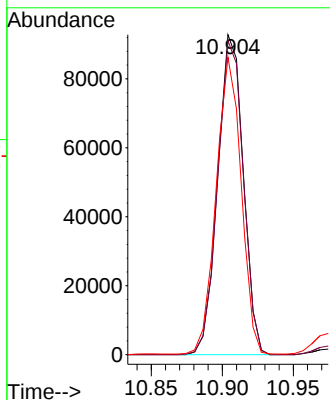
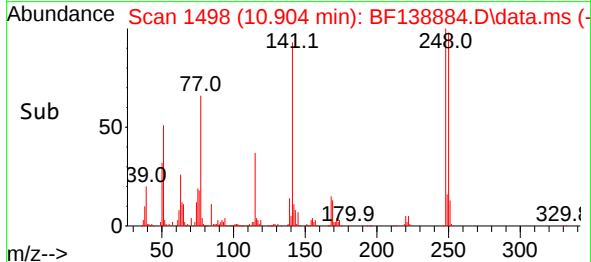
Instrument :
BNA_F
ClientSampleId :
PB162423BS



Tgt Ion:248 Resp: 11598
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 93.0 68.0 102.0

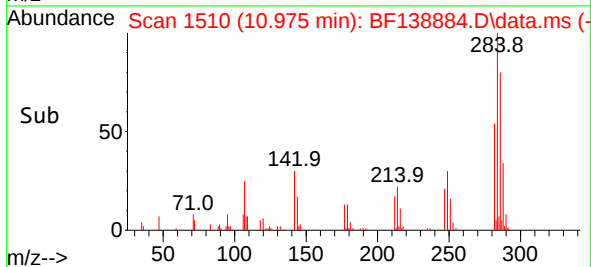
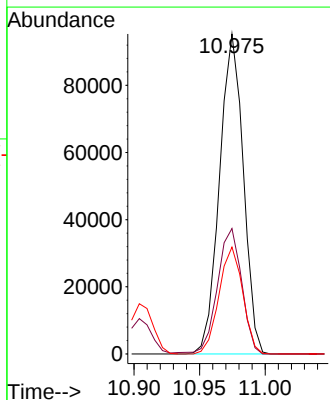
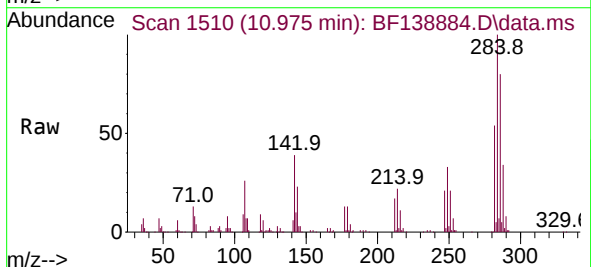
Manual Integrations
APPROVED

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



#68
Hexachlorobenzene
Concen: 45.182 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:284 Resp: 120090
Ion Ratio Lower Upper
284 100
142 39.2 31.3 46.9
249 33.4 27.2 40.8





#69

Atrazine

Concen: 54.784 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion:200 Resp: 105040

Ion Ratio Lower Upper

200 100

173 25.1 6.0 46.0

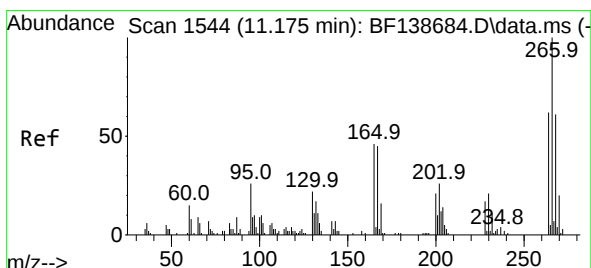
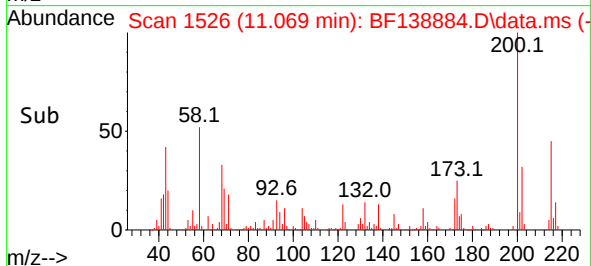
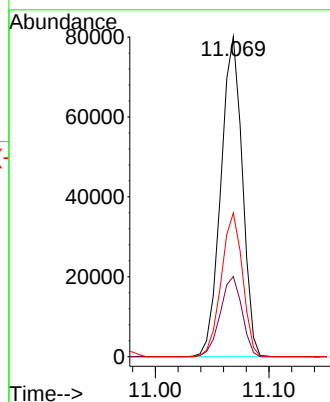
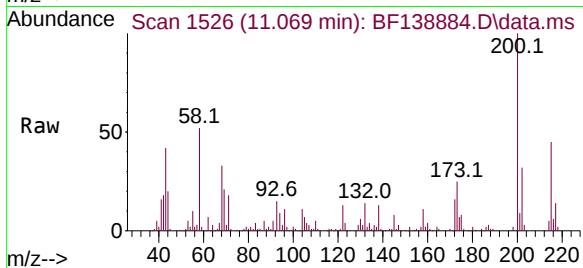
215 44.9 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#70

Pentachlorophenol

Concen: 79.657 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

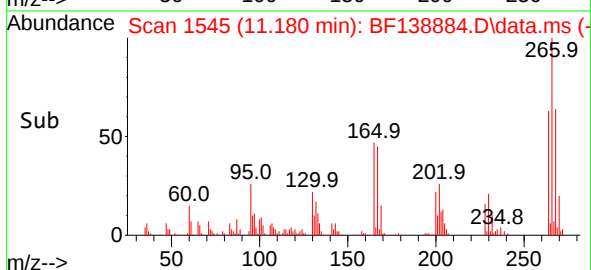
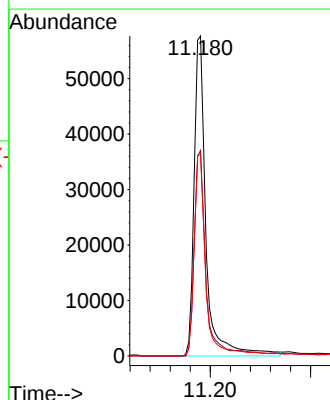
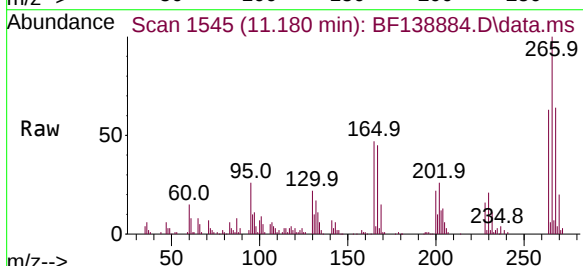
Tgt Ion:266 Resp: 95431

Ion Ratio Lower Upper

266 100

268 64.2 49.2 73.8

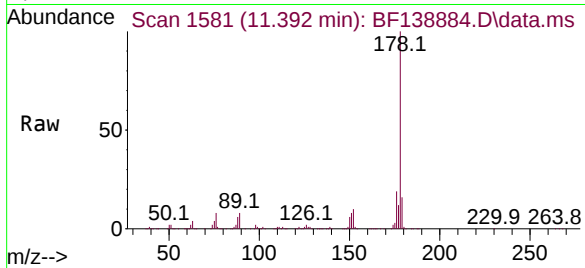
264 63.0 49.8 74.6





#71
Phenanthrene
Concen: 46.796 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

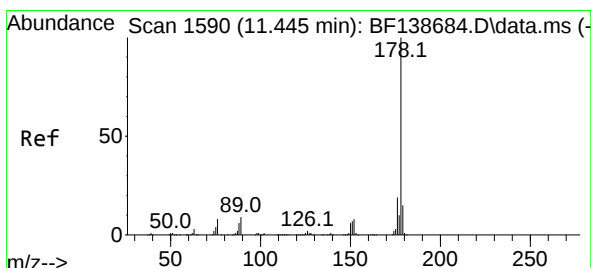
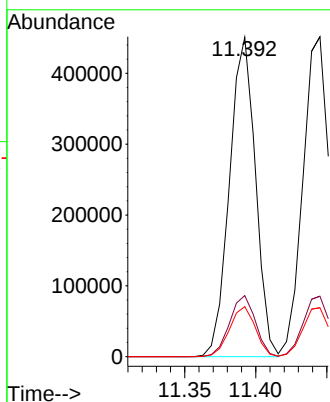
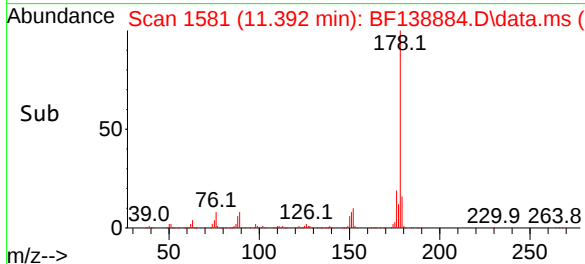
Instrument :
BNA_F
ClientSampleId :
PB162423BS



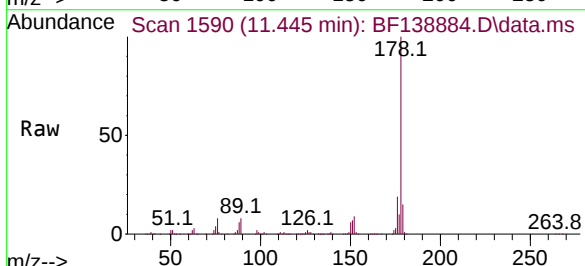
Tgt Ion:178 Resp: 572920
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.2 18.2

Manual Integrations
APPROVED

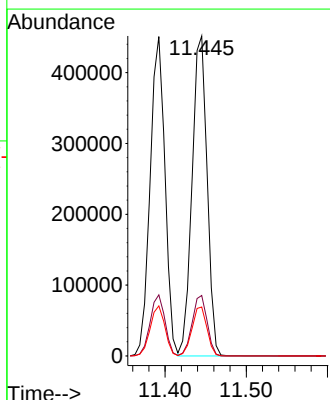
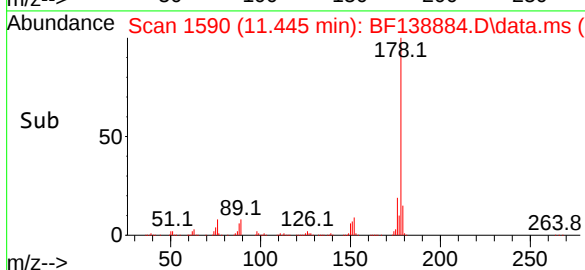
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

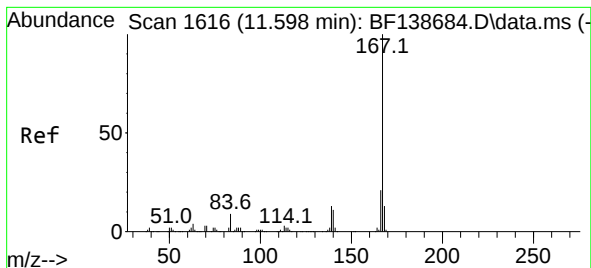


#72
Anthracene
Concen: 48.311 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion:178 Resp: 582679
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.3 12.4 18.6





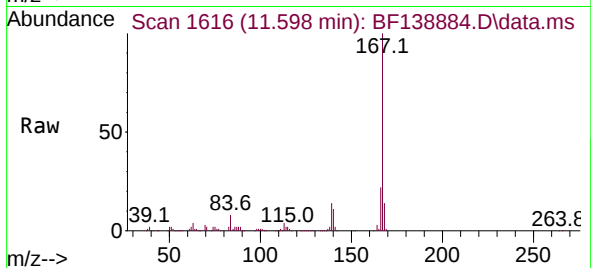
#73
 Carbazole
 Concen: 46.329 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

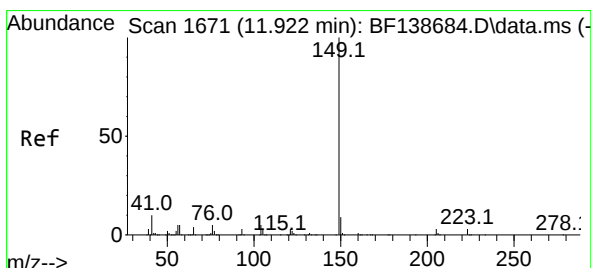
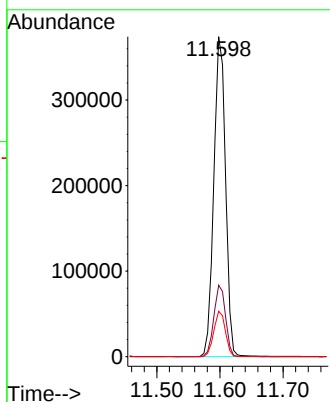
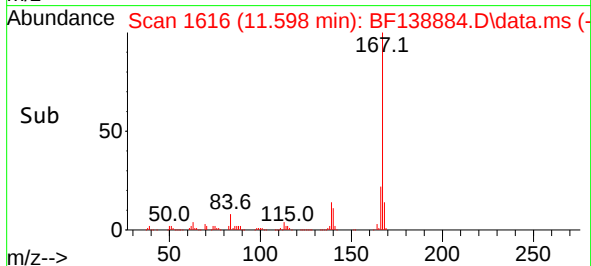


Tgt Ion:167 Resp: 482080
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 14.2 10.6 16.0

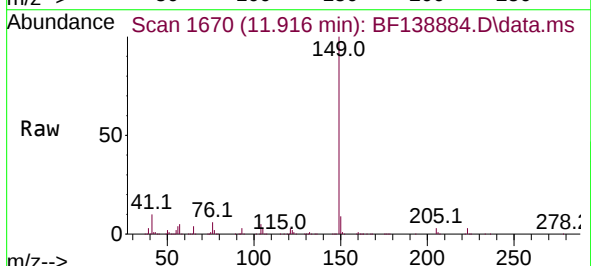
Manual Integrations

APPROVED

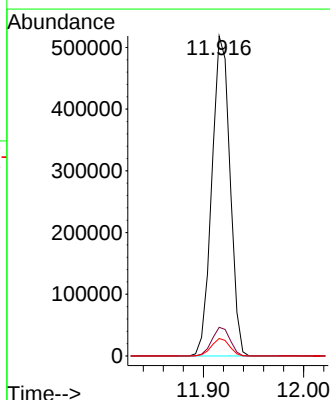
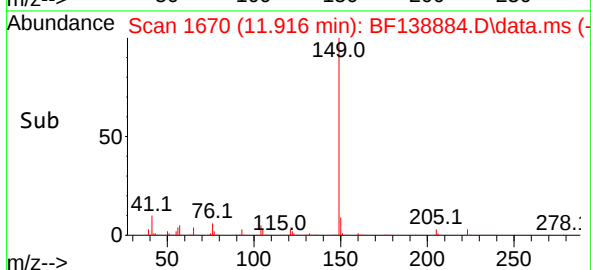
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024



#74
 Di-n-butylphthalate
 Concen: 55.627 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23



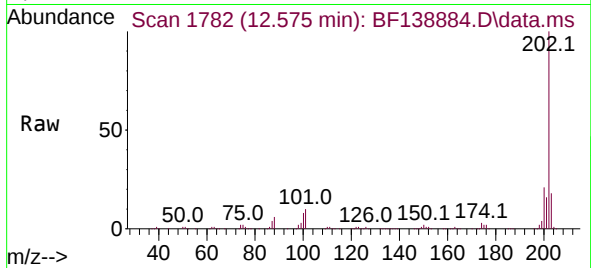
Tgt Ion:149 Resp: 650691
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 48.278 ng
RT: 12.575 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

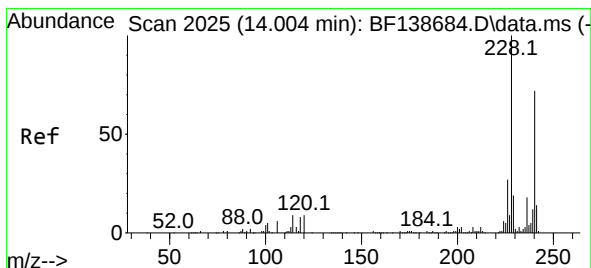
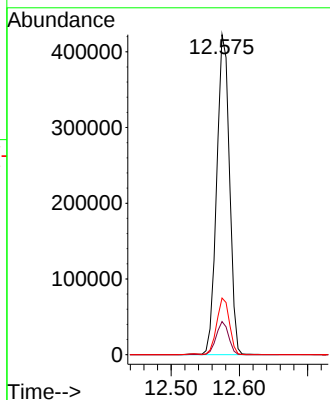
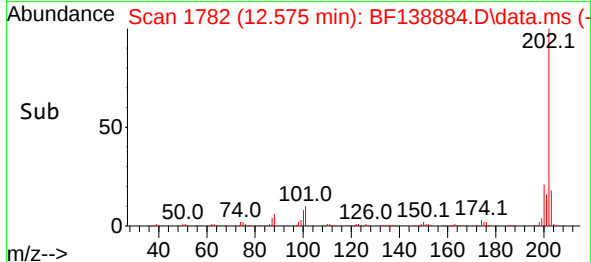
Instrument :
BNA_F
ClientSampleId :
PB162423BS



Tgt Ion:202 Resp: 55178
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.2
203 17.7 0.0 37.3

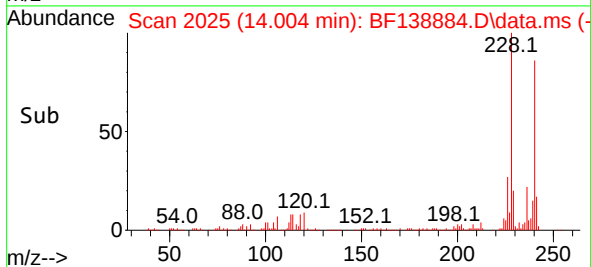
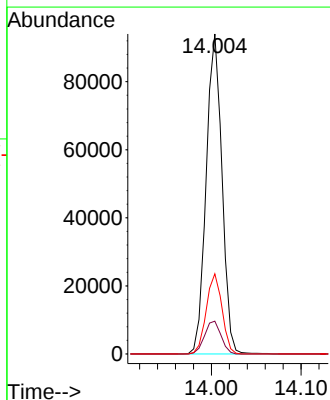
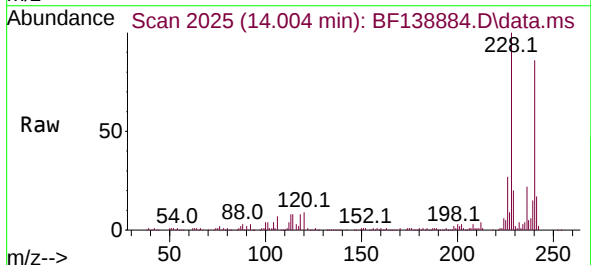
Manual Integrations
APPROVED

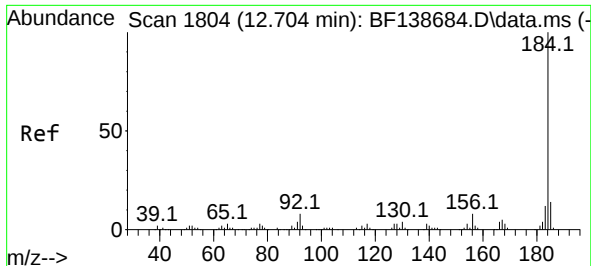
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

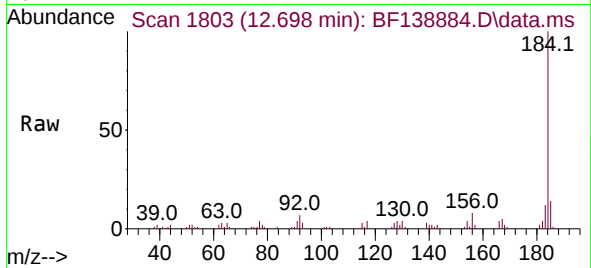
Tgt Ion:240 Resp: 114847
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 25.1 19.8 29.8





#77
Benzidine
Concen: 13.044 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

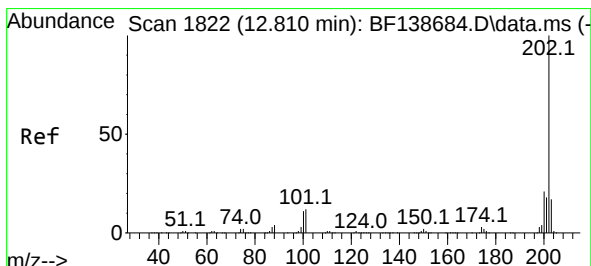
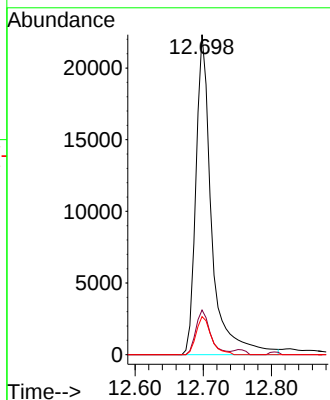
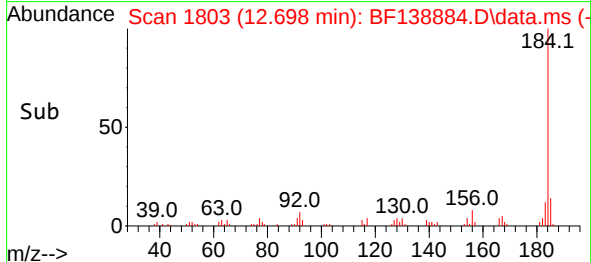
Instrument :
BNA_F
ClientSampleId :
PB162423BS



Tgt Ion:184 Resp: 35832
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.9 9.6 14.4

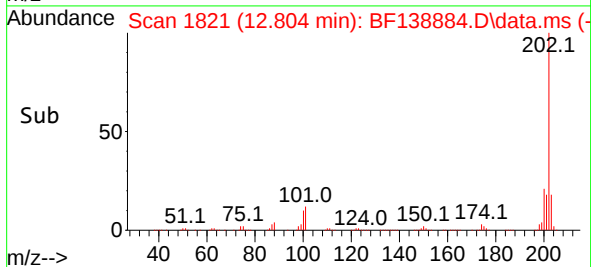
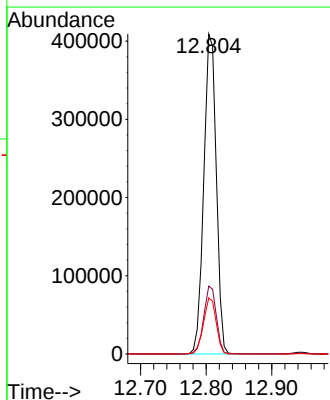
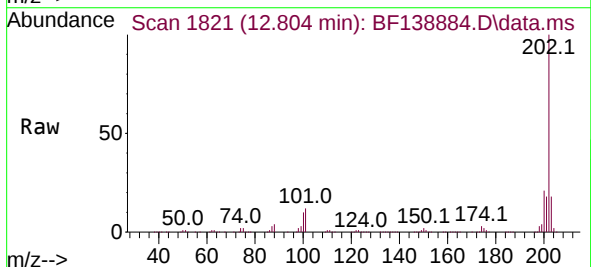
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 50.298 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:202 Resp: 543880
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 13.8 20.6





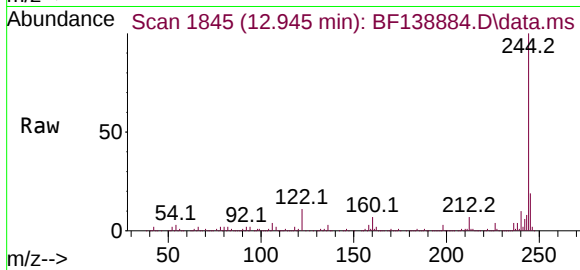
#79
 Terphenyl-d14
 Concen: 117.532 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS



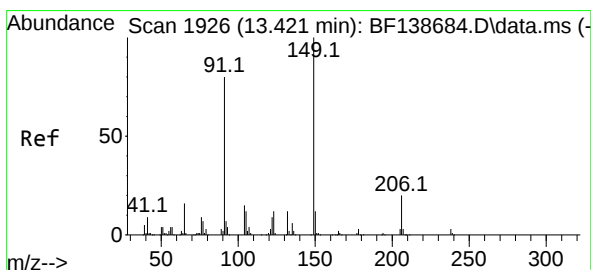
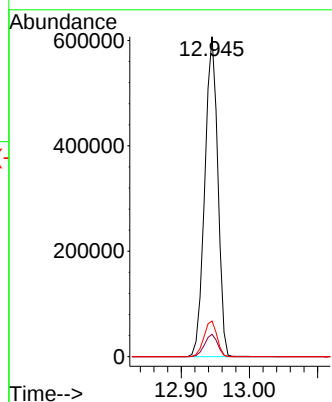
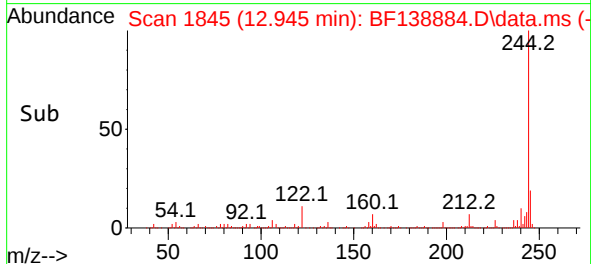
Tgt Ion:244 Resp: 806212
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.1 9.6 14.4

Manual Integrations

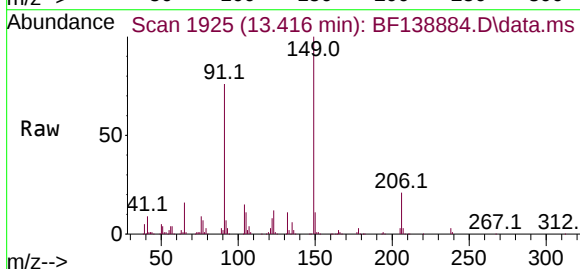
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

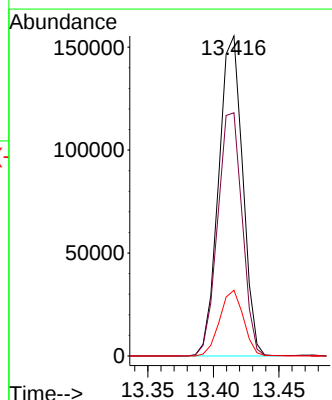
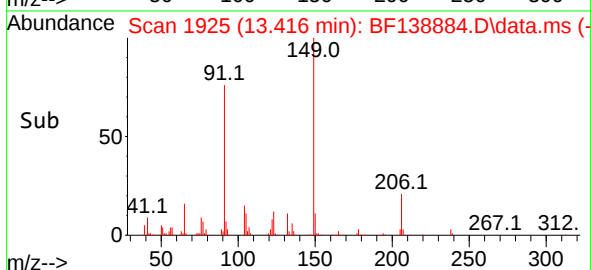
Supervised By :mohammad ahmed 08/12/2024



#80
 Butylbenzylphthalate
 Concen: 57.273 ng
 RT: 13.416 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138884.D
 Acq: 09 Aug 2024 12:23



Tgt Ion:149 Resp: 198317
 Ion Ratio Lower Upper
 149 100
 91 76.0 63.7 95.5
 206 20.5 16.2 24.2





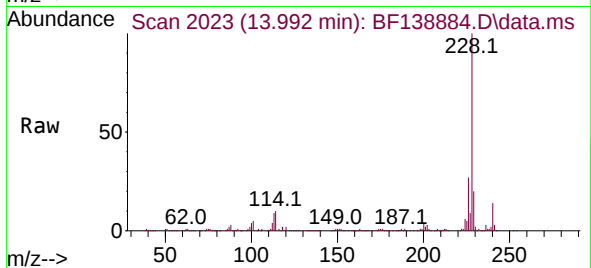
#81
Benzo(a)anthracene
Concen: 46.778 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

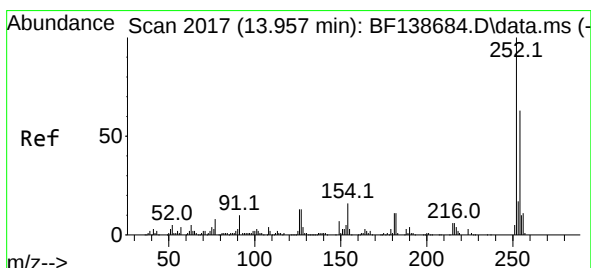
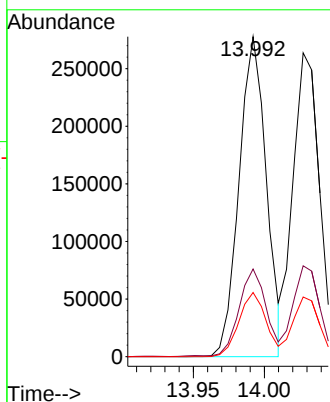
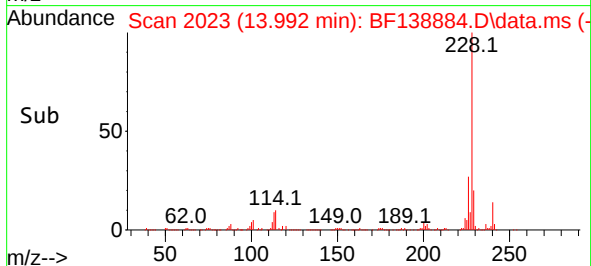


Tgt Ion:228 Resp: 369948
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.0 15.4 23.0

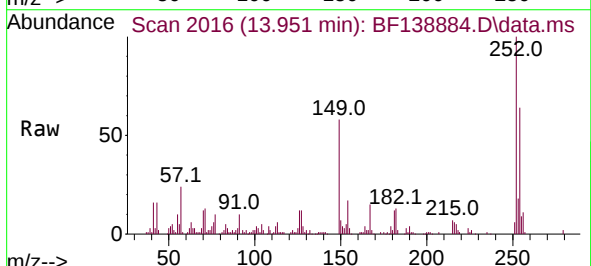
Manual Integrations

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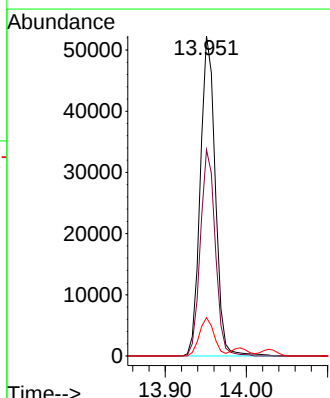
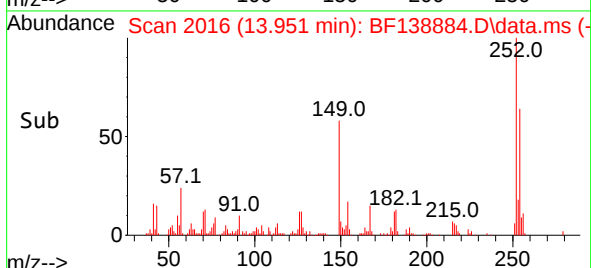
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 33.140 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion:252 Resp: 67070
Ion Ratio Lower Upper
252 100
254 64.5 50.8 76.2
126 11.9 10.2 15.2





#83

Chrysene

Concen: 47.539 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

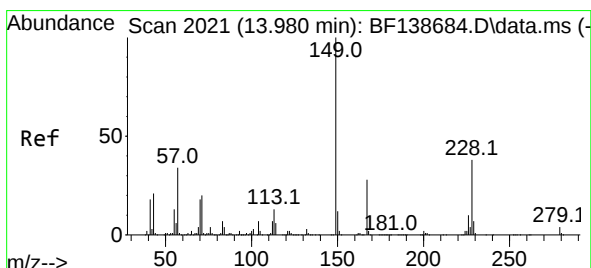
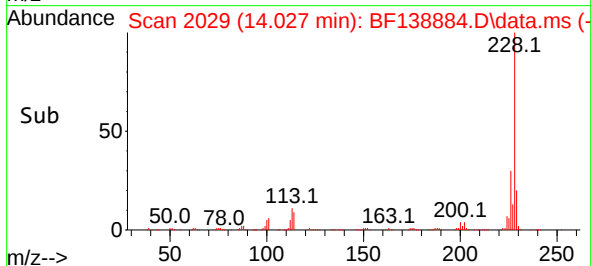
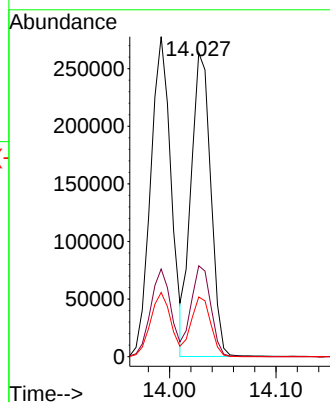
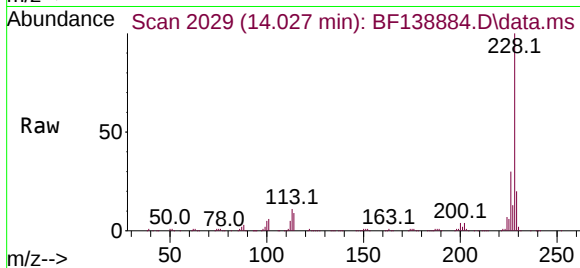
Tgt Ion:	228	Resp:	339194
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.7	35.5
229	19.7	15.0	22.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.582 ng

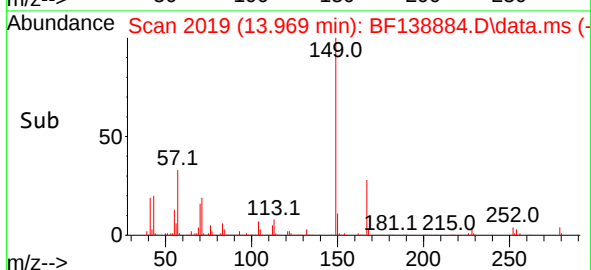
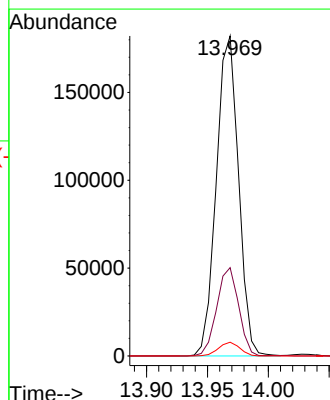
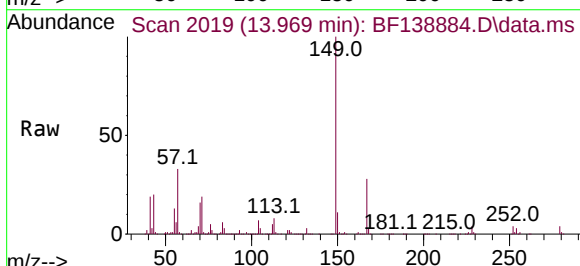
RT: 13.969 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Tgt Ion:	149	Resp:	231124
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.4
279	4.3	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 38.536 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS

Tgt Ion:149 Resp: 36152

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

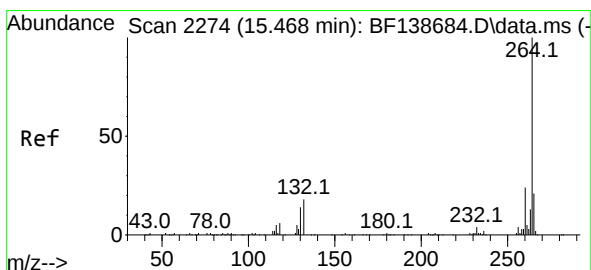
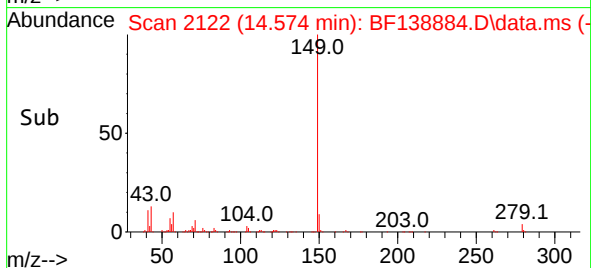
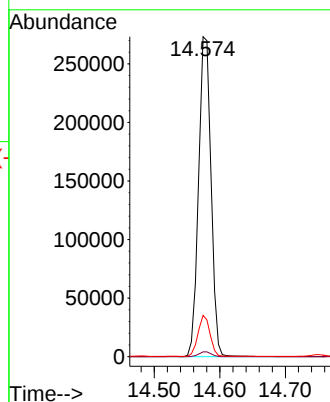
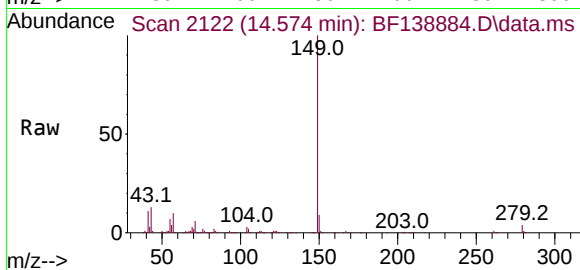
43 12.2 10.4 15.6

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: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

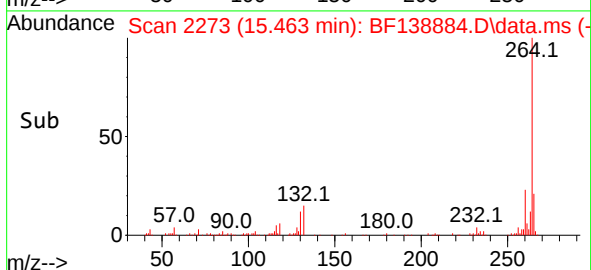
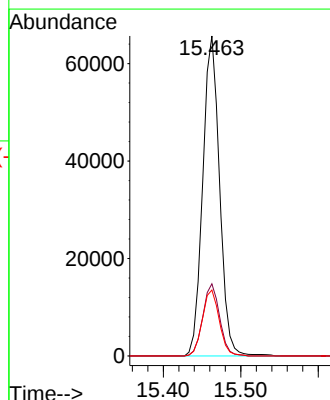
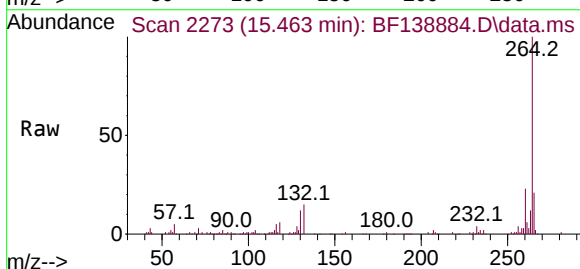
Tgt Ion:264 Resp: 99135

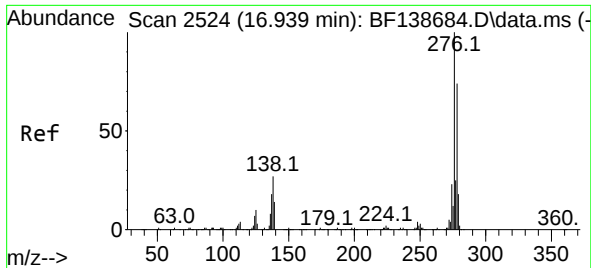
Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.6

265 20.6 17.0 25.6





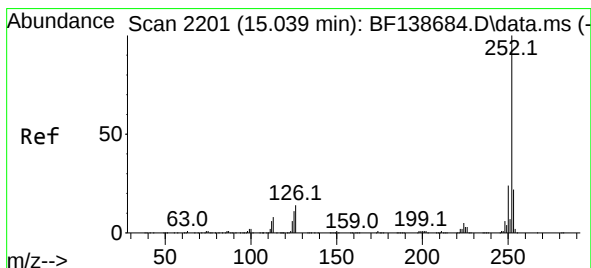
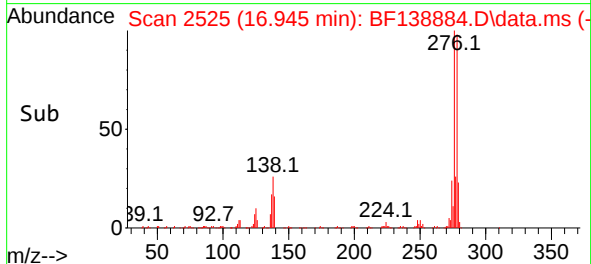
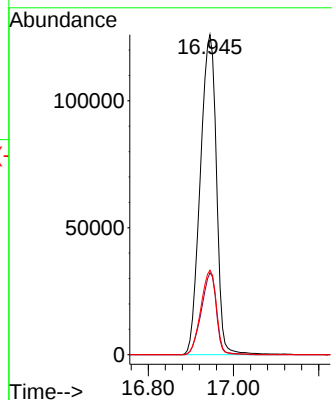
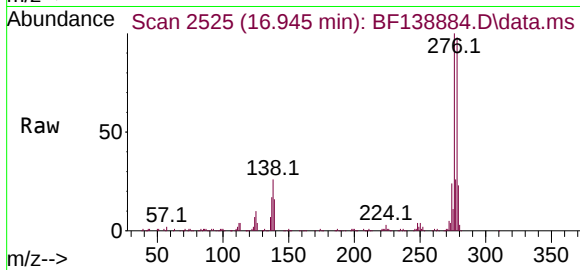
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.674 ng
RT: 16.945 min Scan# 2524
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB162423BS

Tgt Ion:276 Resp: 331590
Ion Ratio Lower Upper
276 100
138 23.8 21.8 32.8
277 25.4 20.6 30.8

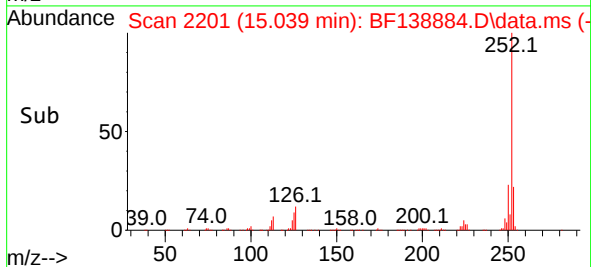
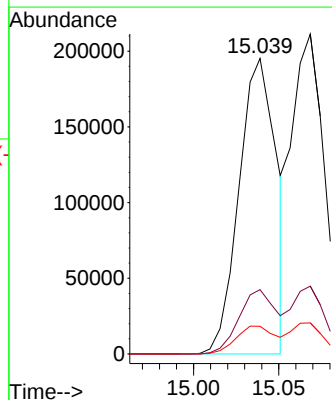
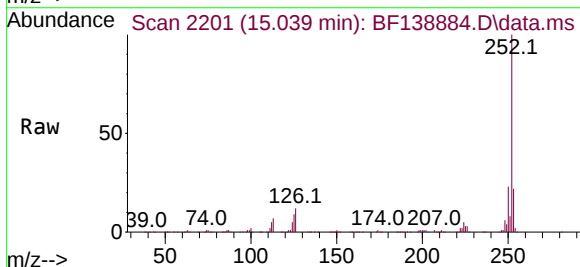
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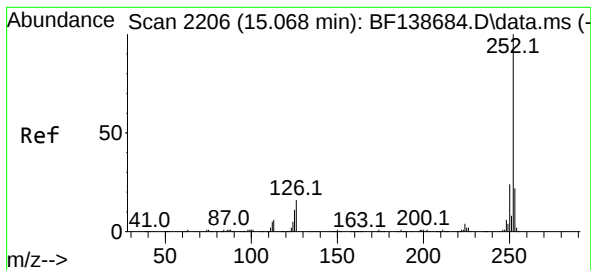
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#88
Benzo(b)fluoranthene
Concen: 48.202 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

Tgt Ion:252 Resp: 296222
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 53.198 ng

RT: 15.068 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138884.D

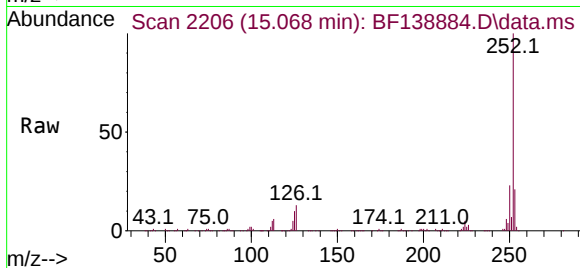
Acq: 09 Aug 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB162423BS



Tgt Ion:252 Resp: 28305

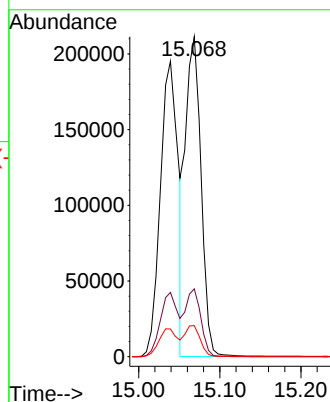
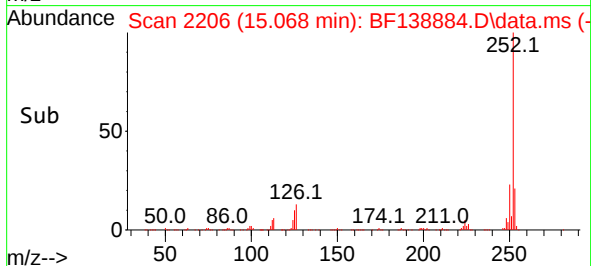
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	9.7	8.6	13.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#90

Benzo(a)pyrene

Concen: 52.350 ng

RT: 15.404 min Scan# 2263

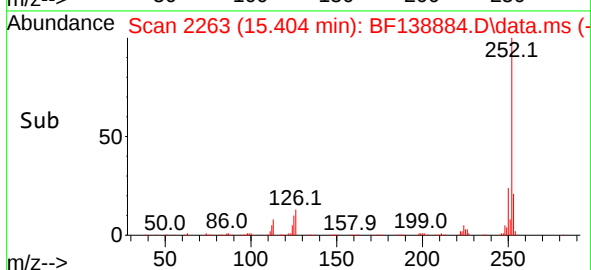
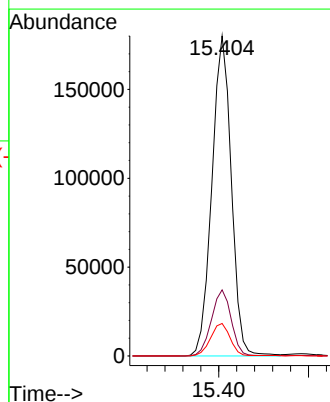
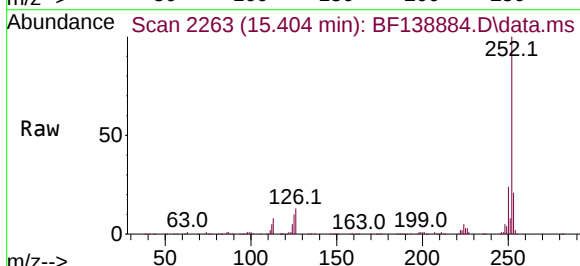
Delta R.T. 0.000 min

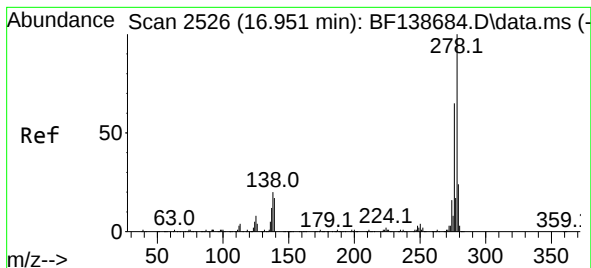
Lab File: BF138884.D

Acq: 09 Aug 2024 12:23

Tgt Ion:252 Resp: 270607

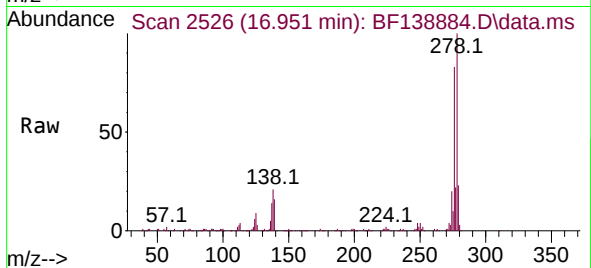
Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.3	25.9
125	10.1	9.5	14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.226 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23

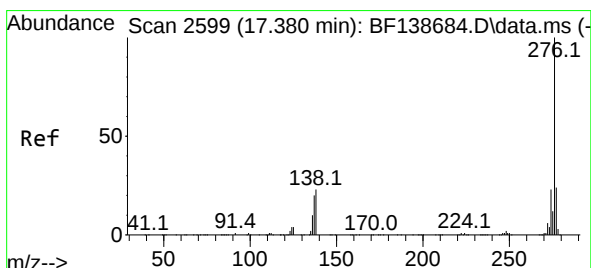
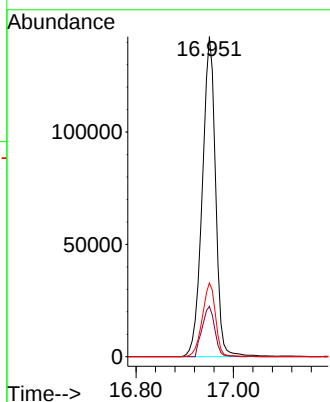
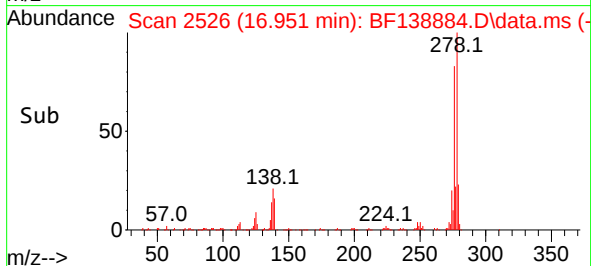
Instrument :
BNA_F
ClientSampleId :
PB162423BS



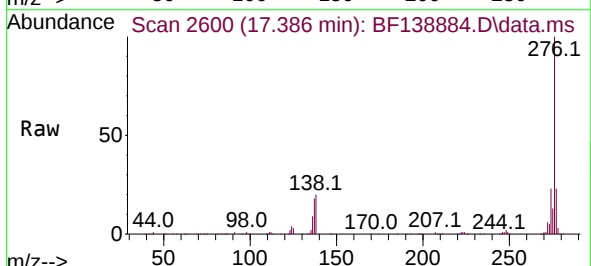
Tgt Ion: 278 Resp: 26958
Ion Ratio Lower Upper
278 100
139 15.7 14.0 21.0
279 23.1 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.614 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138884.D
Acq: 09 Aug 2024 12:23



Tgt Ion: 276 Resp: 251836
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 20.1 18.5 27.7

