

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138596.D
 Acq On : 19 Jul 2024 18:32
 Operator : RC/JU
 Sample : P3294-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:17:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	81785	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	317613	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	155151	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	227102	20.000	ng	0.00
76) Chrysene-d12	14.021	240	148886	20.000	ng	0.00
86) Perylene-d12	15.480	264	129381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	583928	113.077	ng	0.00
7) Phenol-d6	6.498	99	787955	114.701	ng	0.00
23) Nitrobenzene-d5	7.428	82	504935	78.055	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	151638	104.575	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	813302	81.928	ng	-0.01
79) Terphenyl-d14	12.963	244	649006	71.015	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	105956	46.328	ng	99
3) Pyridine	3.469	79	268165	47.546	ng	97
4) n-Nitrosodimethylamine	3.428	42	198065	53.945	ng	91
6) Aniline	6.522	93	219238	34.073	ng	# 13
8) 2-Chlorophenol	6.645	128	291104	53.312	ng	96
9) Benzaldehyde	6.410	77	26078	7.092	ng	98
10) Phenol	6.516	94	376944	51.695	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	294810	53.700	ng	99
12) 1,3-Dichlorobenzene	6.798	146	304740	49.650	ng	97
13) 1,4-Dichlorobenzene	6.875	146	305678	49.044	ng	98
14) 1,2-Dichlorobenzene	7.028	146	293240	50.515	ng	98
15) Benzyl Alcohol	7.004	79	279667	54.247	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	527608	48.870	ng	60
17) 2-Methylphenol	7.122	107	233766	52.237	ng	# 91
18) Hexachloroethane	7.369	117	114680	50.050	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	217285	51.189	ng	96
20) 3+4-Methylphenols	7.275	107	288816	51.251	ng	91
22) Acetophenone	7.269	105	371829	48.202	ng	98
24) Nitrobenzene	7.445	77	331526	50.430	ng	97
25) Isophorone	7.681	82	585368	52.692	ng	100
26) 2-Nitrophenol	7.757	139	152960	54.287	ng	94
27) 2,4-Dimethylphenol	7.798	122	198578	57.343	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	348780	52.532	ng	99
29) 2,4-Dichlorophenol	8.004	162	225976	50.250	ng	98
30) 1,2,4-Trichlorobenzene	8.080	180	246380	47.031	ng	99
31) Naphthalene	8.163	128	824287	49.901	ng	99
32) Benzoic acid	7.933	122	148088	44.836	ng	96
33) 4-Chloroaniline	8.216	127	89965	15.522	ng	97
34) Hexachlorobutadiene	8.275	225	141771	43.947	ng	98
35) Caprolactam	8.586	113	71455m	49.241	ng	
36) 4-Chloro-3-methylphenol	8.704	107	255987	50.847	ng	99
37) 2-Methylnaphthalene	8.857	142	516083	48.549	ng	100
38) 1-Methylnaphthalene	8.957	142	477250	46.002	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	211690	48.955	ng	99
41) Hexachlorocyclopentadiene	9.004	237	126024	89.790	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	147551	53.494	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138596.D
 Acq On : 19 Jul 2024 18:32
 Operator : RC/JU
 Sample : P3294-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MS

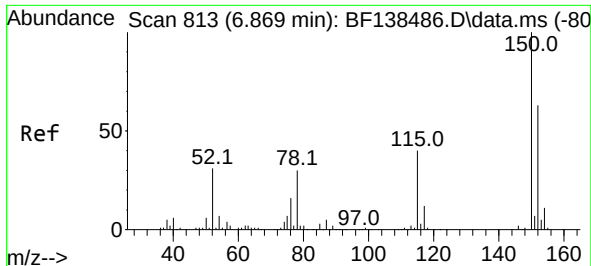
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:17:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

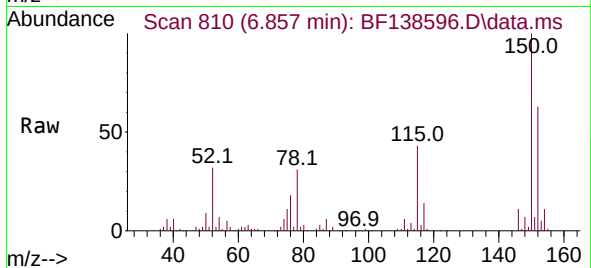
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	152631	50.310	ng	# 92
46) 1,1'-Biphenyl	9.322	154	595865	50.677	ng	100
47) 2-Chloronaphthalene	9.345	162	463650	52.197	ng	99
48) 2-Nitroaniline	9.445	65	176820	57.444	ng	98
49) Acenaphthylene	9.763	152	722287	57.273	ng	100
50) Dimethylphthalate	9.622	163	561393	55.958	ng	100
51) 2,6-Dinitrotoluene	9.686	165	119247	51.624	ng	90
52) Acenaphthene	9.933	154	459326	54.792	ng	98
53) 3-Nitroaniline	9.851	138	86715	36.627	ng	90
54) 2,4-Dinitrophenol	9.963	184	108838	87.338	ng	95
55) Dibenzofuran	10.104	168	625434	51.437	ng	100
56) 4-Nitrophenol	10.022	139	158627	90.805	ng	98
57) 2,4-Dinitrotoluene	10.086	165	156850	52.481	ng	98
58) Fluorene	10.445	166	472683	49.130	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	116488	48.652	ng	97
60) Diethylphthalate	10.316	149	521974	53.970	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	232429	48.110	ng	94
62) 4-Nitroaniline	10.469	138	114066	48.080	ng	98
63) Azobenzene	10.598	77	542141	52.138	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	79695	60.775	ng	86
66) n-Nitrosodiphenylamine	10.557	169	412910	60.685	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	129984	55.687	ng	98
68) Hexachlorobenzene	10.992	284	133842	51.615	ng	95
69) Atrazine	11.080	200	120084	53.232	ng	97
70) Pentachlorophenol	11.186	266	141680	92.335	ng	97
71) Phenanthrene	11.404	178	613777	53.496	ng	99
72) Anthracene	11.457	178	615944	54.081	ng	99
73) Carbazole	11.616	167	534606	52.233	ng	100
74) Di-n-butylphthalate	11.939	149	671844	56.947	ng	100
75) Fluoranthene	12.592	202	579424	49.492	ng	98
77) Benzidine	12.715	184	160259	42.663	ng	99
78) Pyrene	12.821	202	586299	38.792	ng	99
80) Butylbenzylphthalate	13.433	149	252672	55.574	ng	95
81) Benzo(a)anthracene	14.010	228	535895	53.642	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	100609	39.083	ng	# 97
83) Chrysene	14.045	228	489696	51.815	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	347411	71.646	ng	100
85) Di-n-octyl phthalate	14.604	149	579871	75.699	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	365451	42.052	ng	98
88) Benzo(b)fluoranthene	15.057	252	415165	56.978	ng	100
89) Benzo(k)fluoranthene	15.086	252	404852	56.971	ng	99
90) Benzo(a)pyrene	15.421	252	350845	54.813	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	292703	41.174	ng	100
92) Benzo(g,h,i)perylene	17.398	276	273914	36.336	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

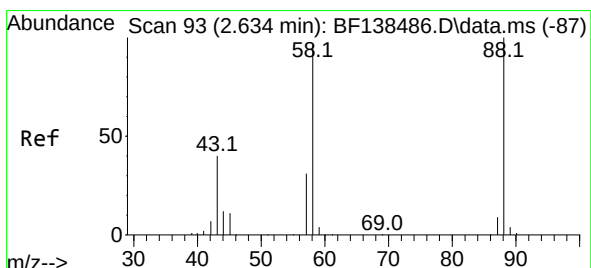
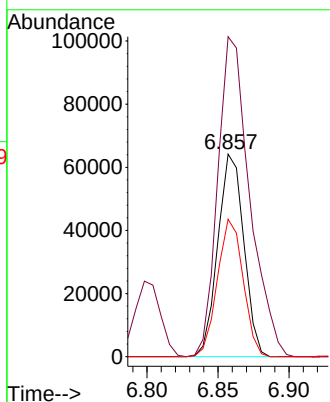
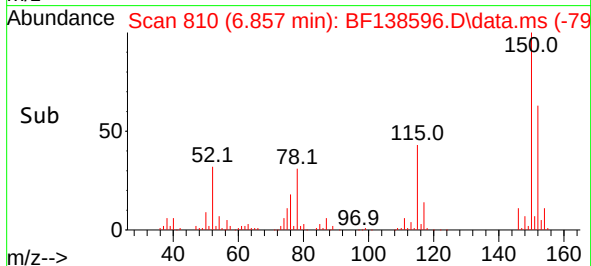
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion:152 Resp: 8178
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.4
115 67.8 50.3 75.5

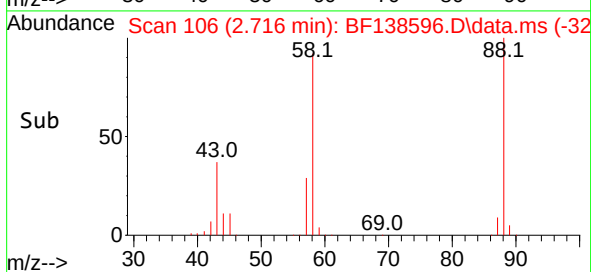
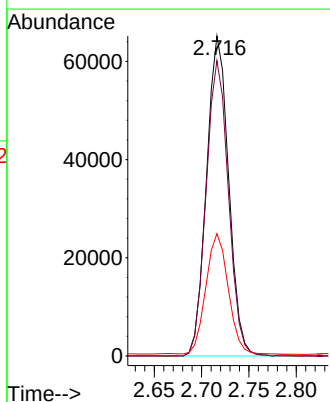
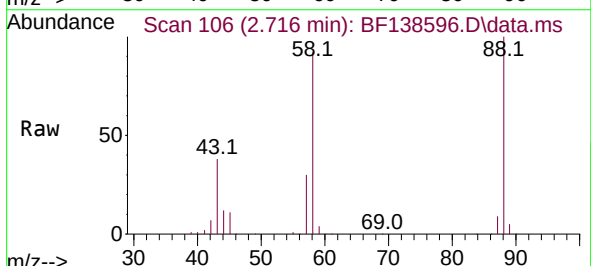
Manual Integrations
APPROVED

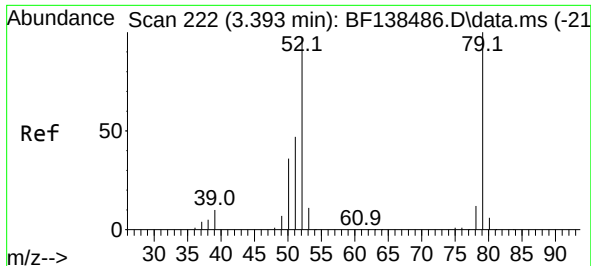
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#2
1,4-Dioxane
Concen: 46.328 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.082 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion: 88 Resp: 105956
Ion Ratio Lower Upper
88 100
58 93.0 74.6 112.0
43 38.2 31.8 47.6





#3

Pyridine

Concen: 47.546 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion: 79 Resp: 26816

Ion Ratio Lower Upper

79 100

52 93.1 77.4 116.2

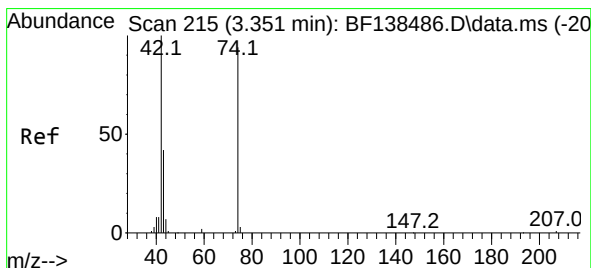
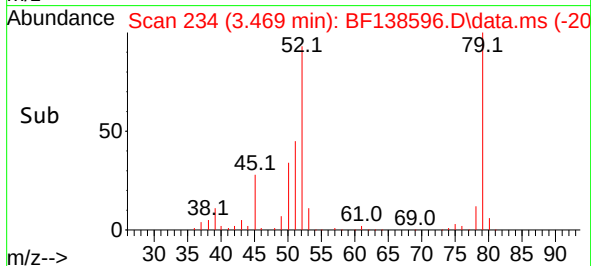
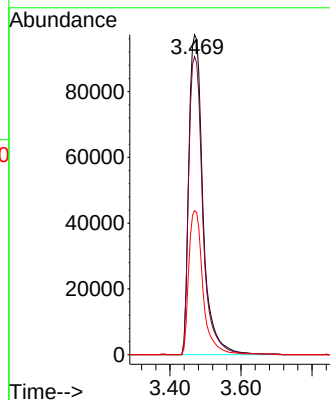
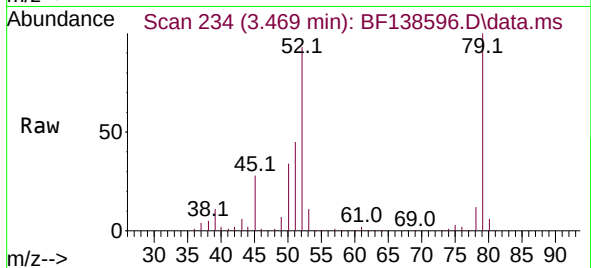
51 45.0 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#4

n-Nitrosodimethylamine

Concen: 53.945 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.076 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

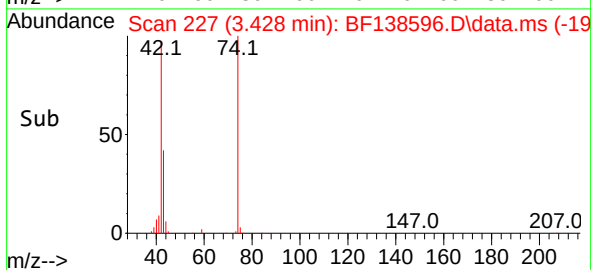
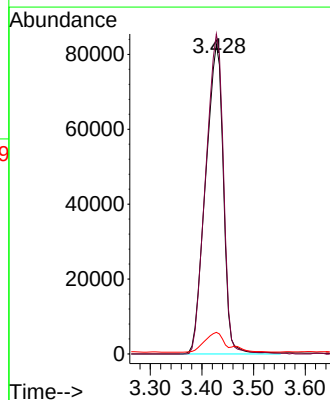
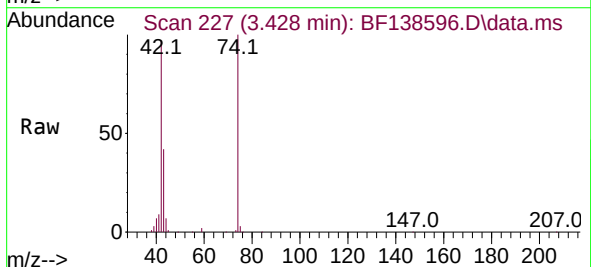
Tgt Ion: 42 Resp: 198065

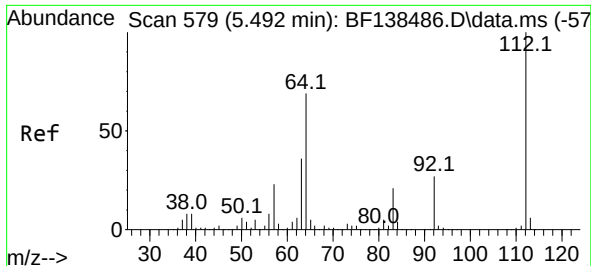
Ion Ratio Lower Upper

42 100

74 103.3 75.0 112.6

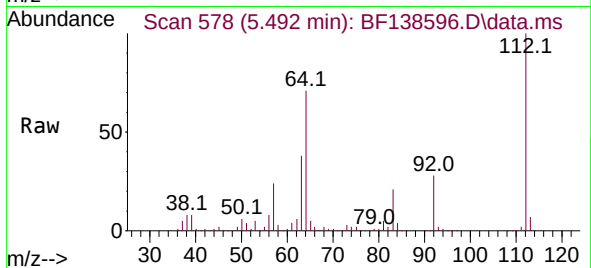
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 113.077 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

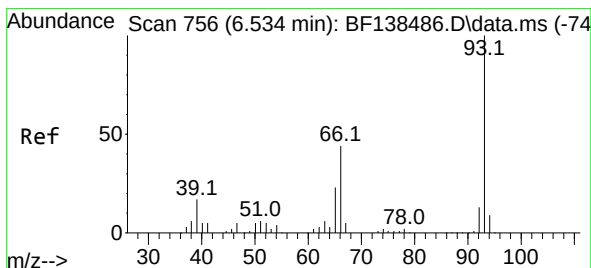
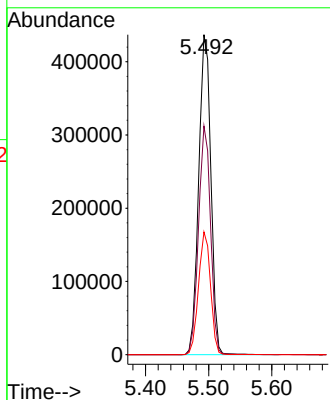
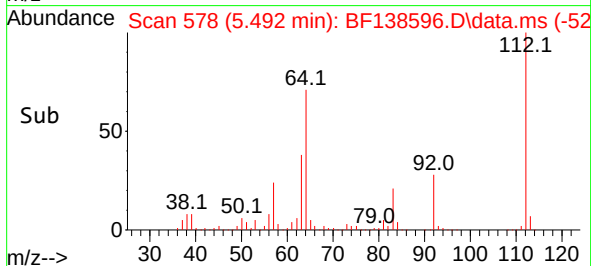
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion:112 Resp: 583928
Ion Ratio Lower Upper
112 100
64 71.4 55.1 82.7
63 38.4 29.0 43.6

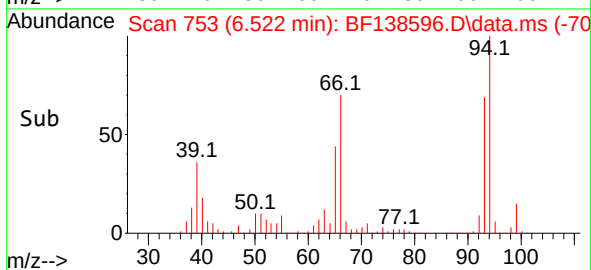
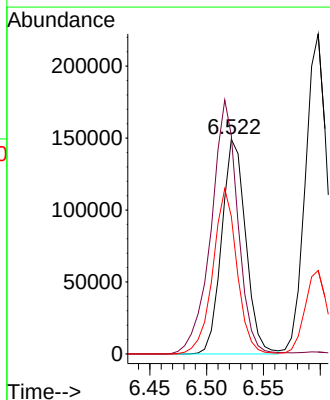
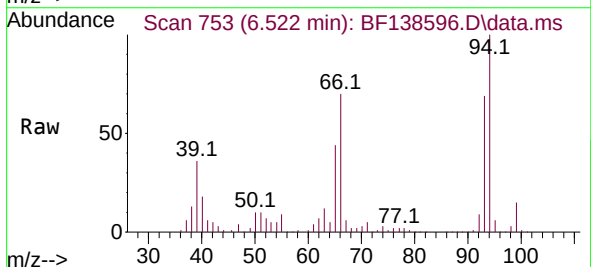
Manual Integrations
APPROVED

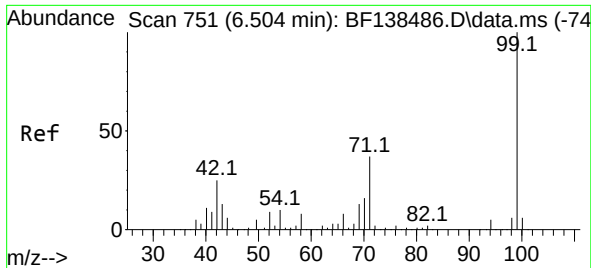
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#6
Aniline
Concen: 34.073 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

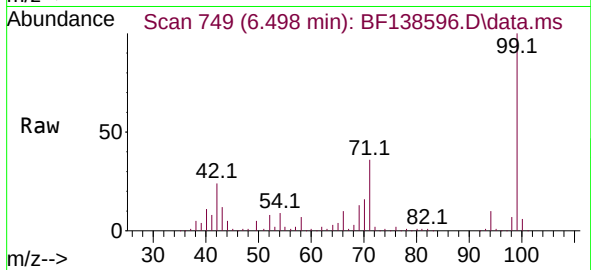
Tgt Ion: 93 Resp: 219238
Ion Ratio Lower Upper
93 100
66 101.7 35.4 53.0#
65 64.0 18.6 27.8#





#7
Phenol-d6
Concen: 114.701 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

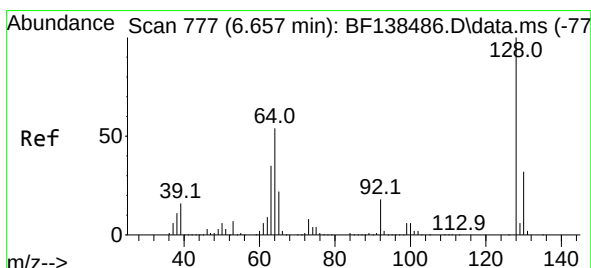
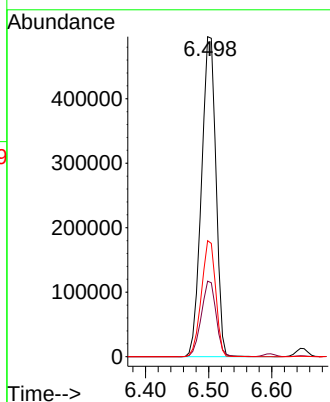
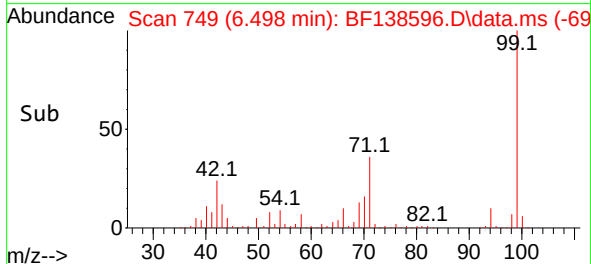
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



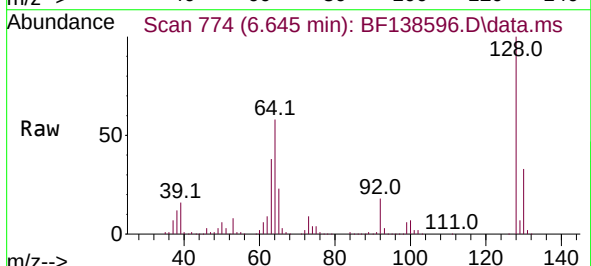
Tgt Ion: 99 Resp: 78795
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 36.2 29.9 44.9

Manual Integrations
APPROVED

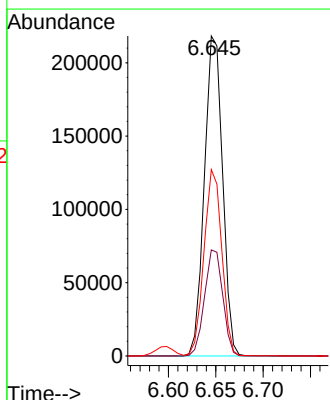
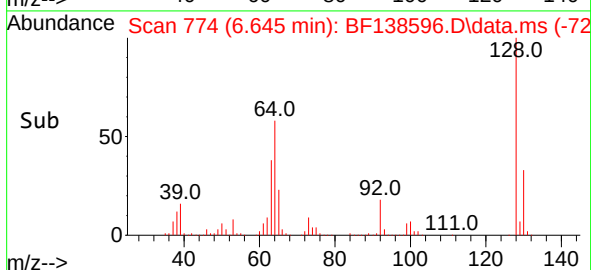
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

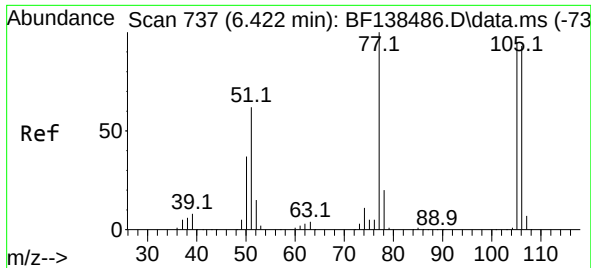


#8
2-Chlorophenol
Concen: 53.312 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32



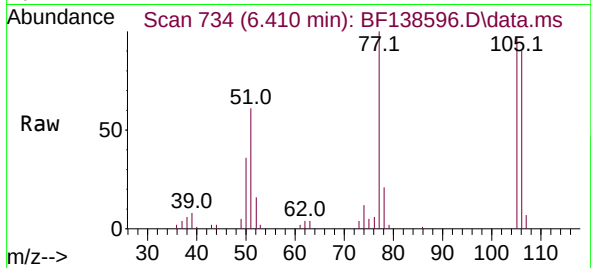
Tgt Ion:128 Resp: 291104
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 58.2 34.4 74.4





#9
Benzaldehyde
Concen: 7.092 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

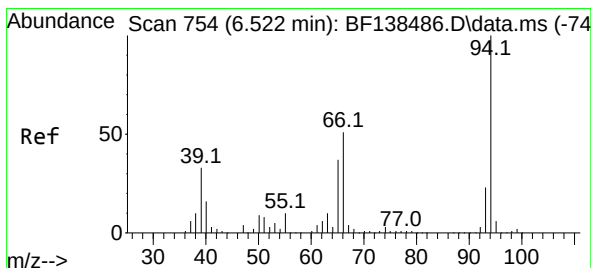
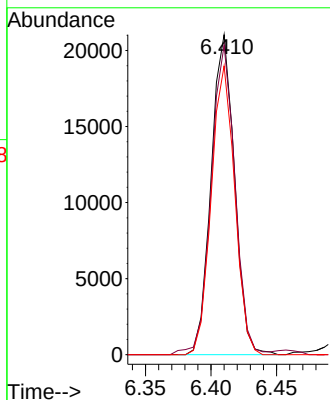
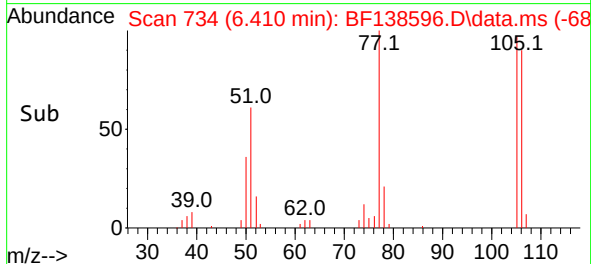
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion: 77 Resp: 26078
Ion Ratio Lower Upper
77 100
105 96.7 75.1 115.1
106 90.3 73.2 113.2

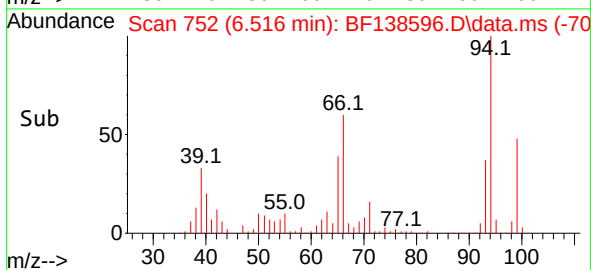
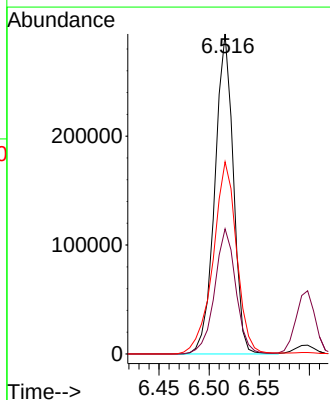
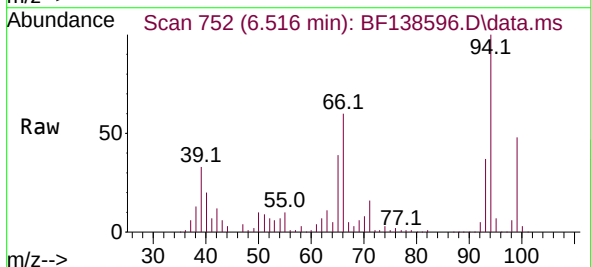
Manual Integrations
APPROVED

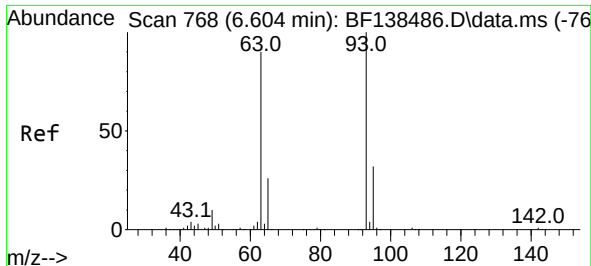
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Phenol
Concen: 51.695 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion: 94 Resp: 376944
Ion Ratio Lower Upper
94 100
65 39.1 16.7 56.7
66 60.1 31.2 71.2





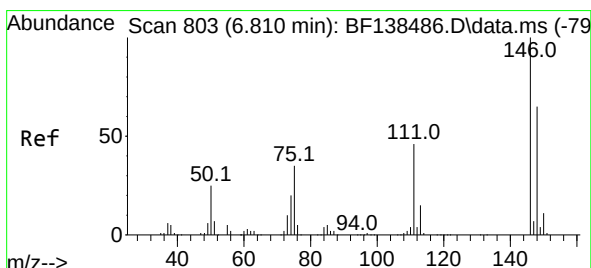
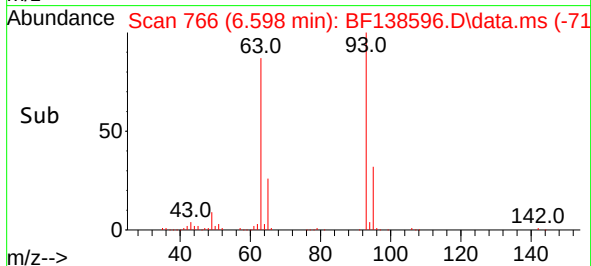
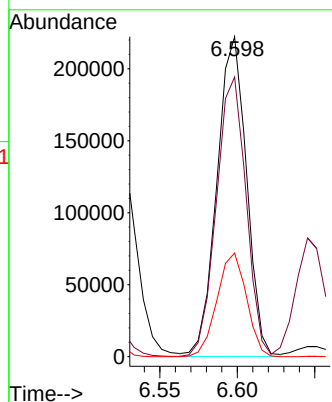
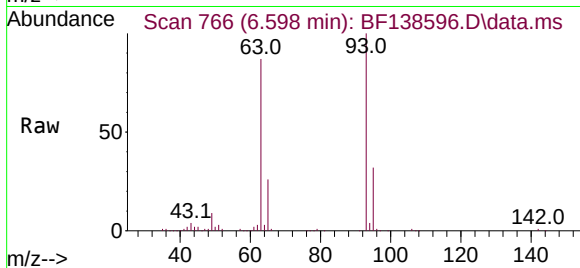
#11
bis(2-Chloroethyl)ether
Concen: 53.700 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS

Tgt Ion: 93 Resp: 294810
Ion Ratio Lower Upper
93 100
63 87.4 68.8 108.8
95 32.4 11.8 51.8

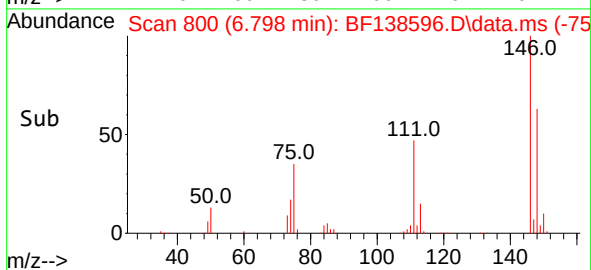
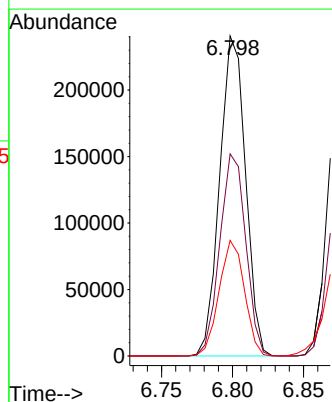
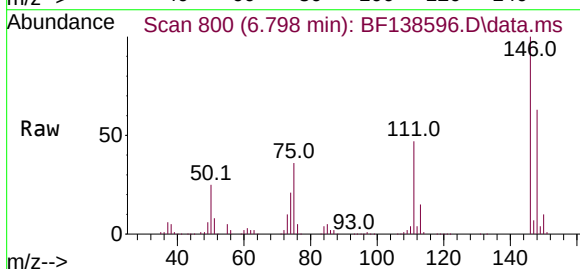
Manual Integrations
APPROVED

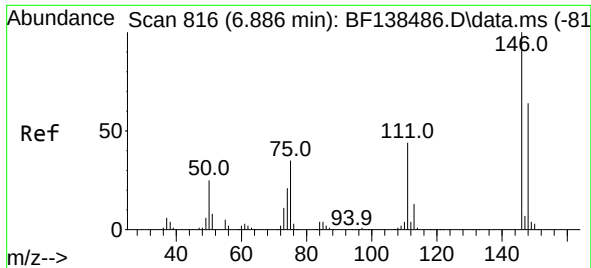
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
1,3-Dichlorobenzene
Concen: 49.650 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:146 Resp: 304740
Ion Ratio Lower Upper
146 100
148 63.2 52.4 78.6
75 36.1 27.8 41.8





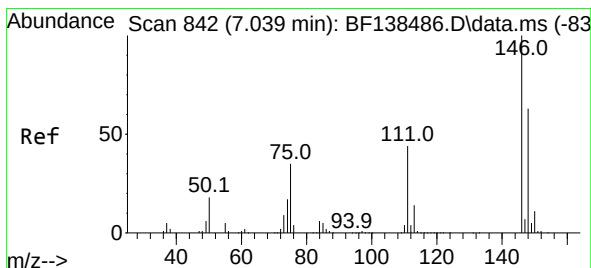
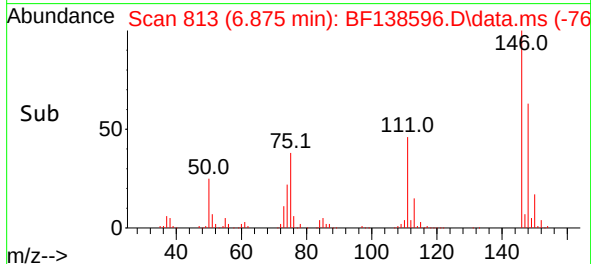
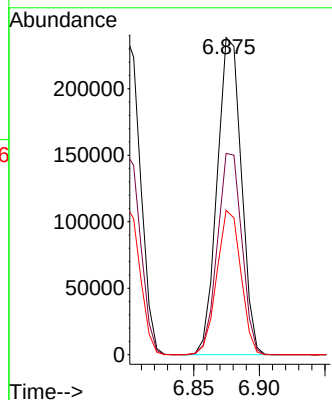
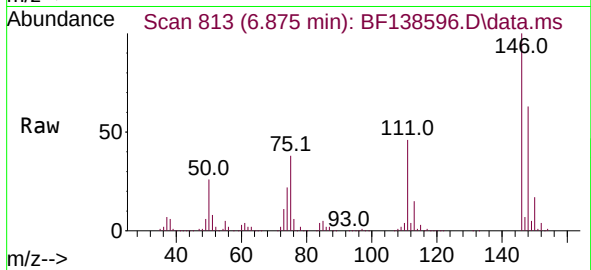
#13
1,4-Dichlorobenzene
Concen: 49.044 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS

Tgt Ion:146 Resp: 305678
Ion Ratio Lower Upper
146 100
148 63.4 51.6 77.4
111 45.5 34.9 52.3

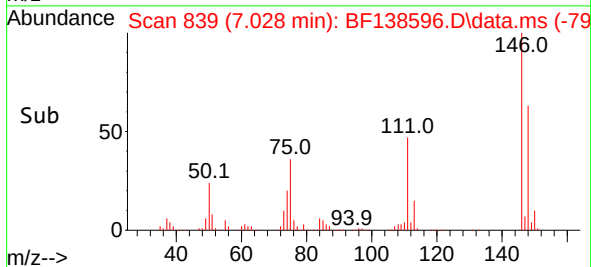
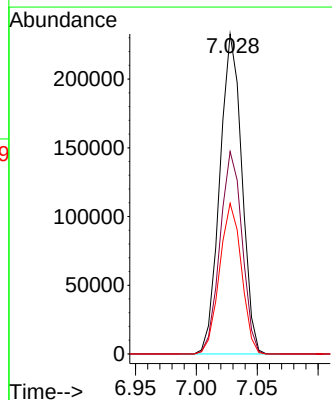
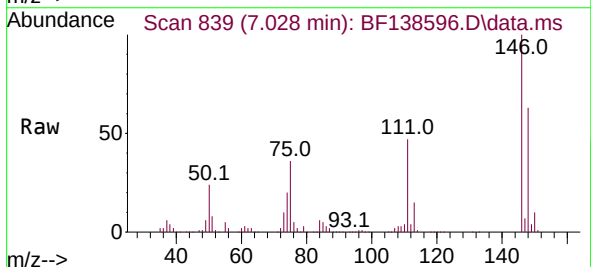
Manual Integrations
APPROVED

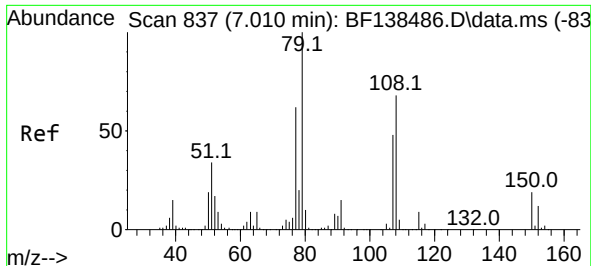
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#14
1,2-Dichlorobenzene
Concen: 50.515 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:146 Resp: 293240
Ion Ratio Lower Upper
146 100
148 63.3 50.1 75.1
111 47.1 35.5 53.3





#15

Benzyl Alcohol

Concen: 54.247 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion: 79 Resp: 27966

Ion Ratio Lower Upper

79 100

108 70.1 54.3 81.5

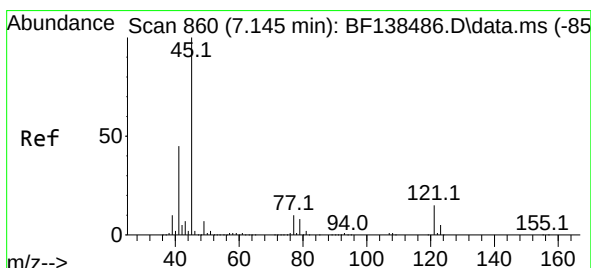
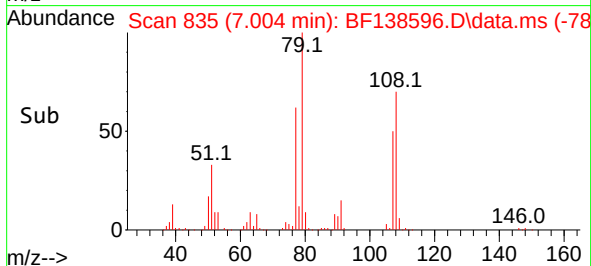
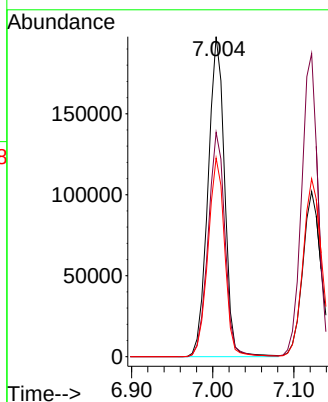
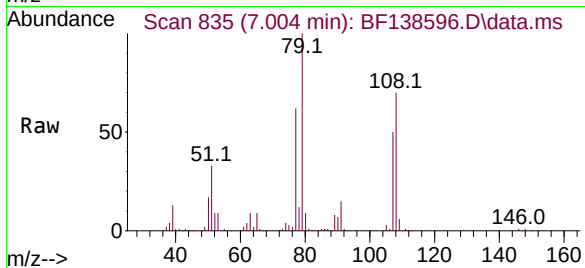
77 62.1 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.870 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.018 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

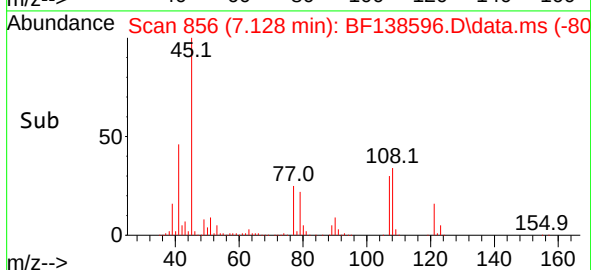
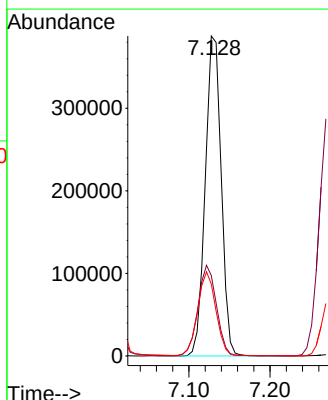
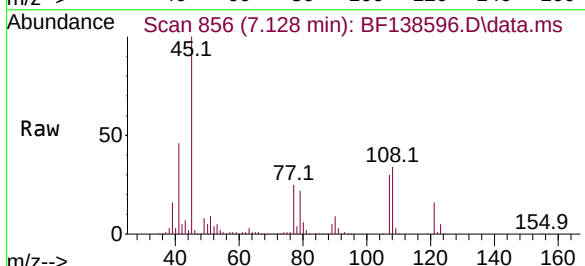
Tgt Ion: 45 Resp: 527608

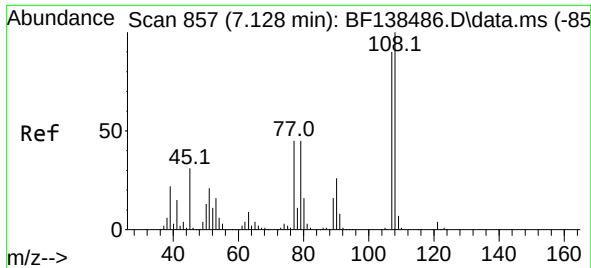
Ion Ratio Lower Upper

45 100

77 25.1 0.0 30.4

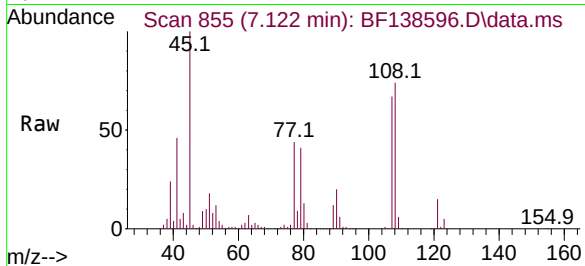
79 22.4 0.0 28.1





#17
2-Methylphenol
Concen: 52.237 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

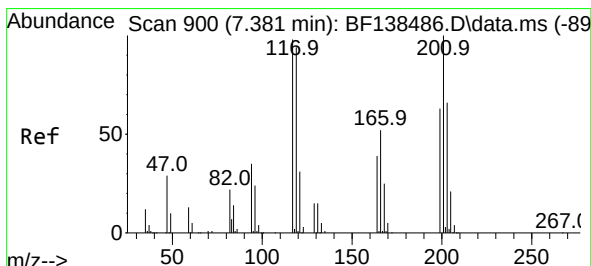
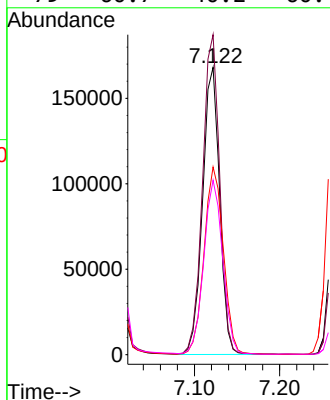
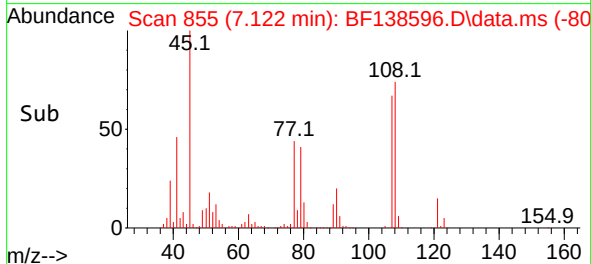
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion:107 Resp: 233760
Ion Ratio Lower Upper
107 100
108 111.4 89.0 133.4
77 65.3 40.3 60.5
79 60.7 40.2 60.4

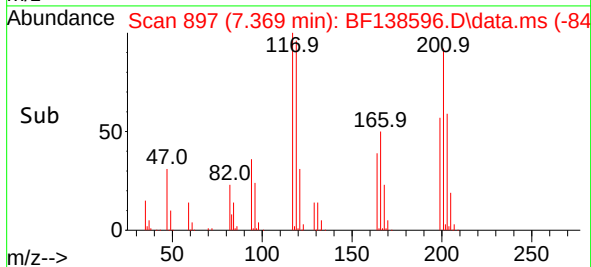
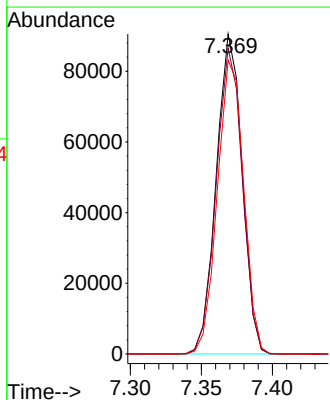
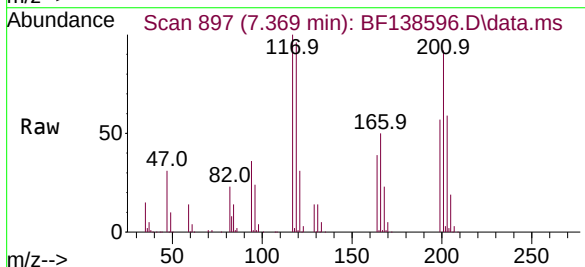
Manual Integrations
APPROVED

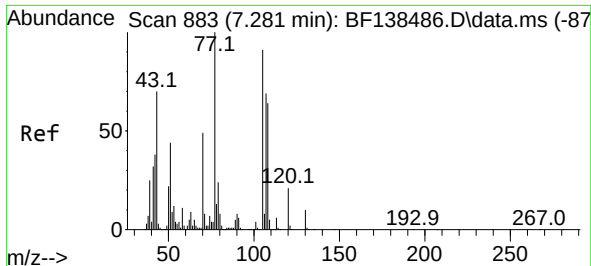
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#18
Hexachloroethane
Concen: 50.050 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:117 Resp: 114680
Ion Ratio Lower Upper
117 100
119 95.6 76.6 114.8
201 91.9 81.4 122.0





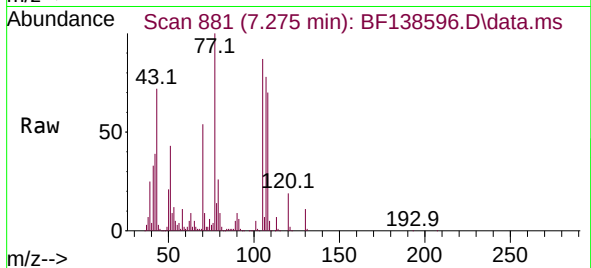
#19
n-Nitroso-di-n-propylamine
Concen: 51.189 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS



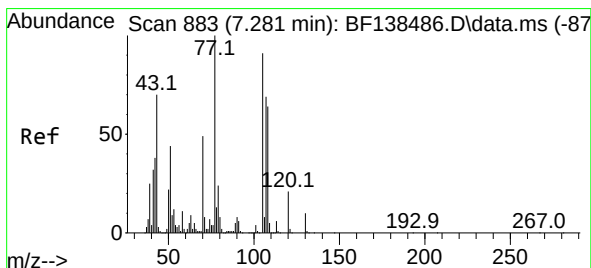
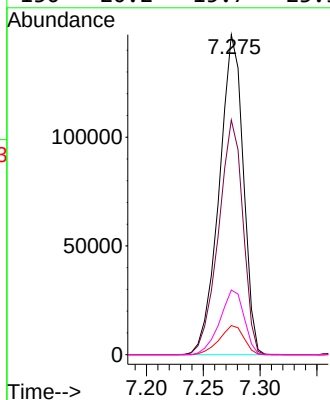
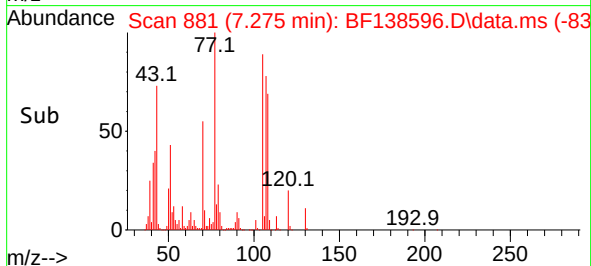
Tgt Ion: 70 Resp: 217285
Ion Ratio Lower Upper
70 100
42 73.3 62.4 93.6
101 9.1 7.2 10.8
130 20.2 15.7 23.5

Manual Integrations

APPROVED

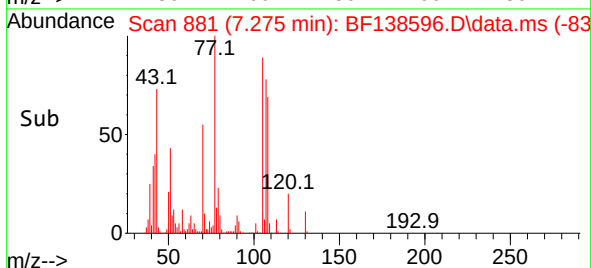
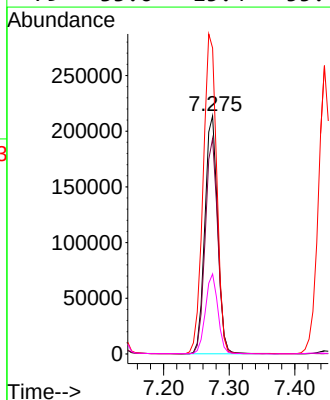
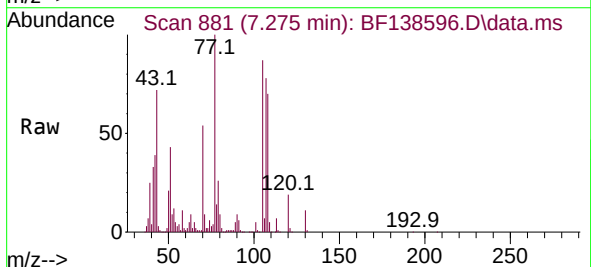
Reviewed By :Yogesh Patel 07/20/2024

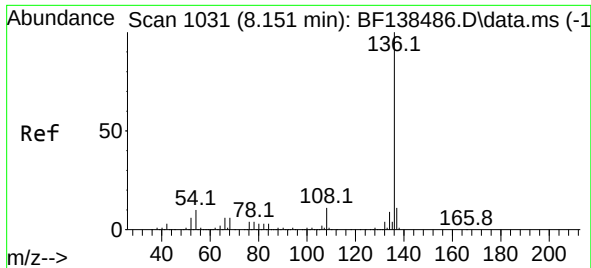
Supervised By :mohammad ahmed 07/22/2024



#20
3+4-Methylphenols
Concen: 51.251 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:107 Resp: 288816
Ion Ratio Lower Upper
107 100
108 90.5 73.7 113.7
77 128.5 126.0 166.0
79 33.6 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

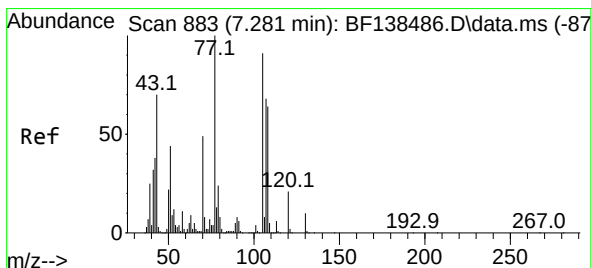
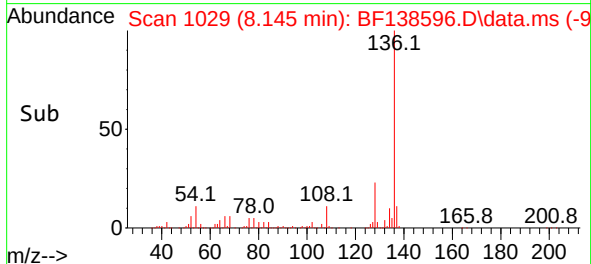
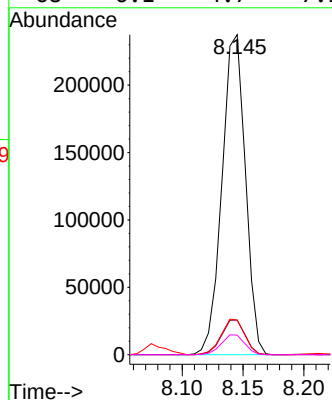
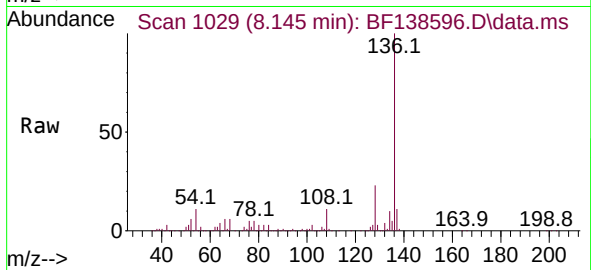
HR-1-071724MS

Tgt Ion:136 Resp: 31761
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.9 8.1 12.1
68 6.1 4.7 7.1

Manual Integrations

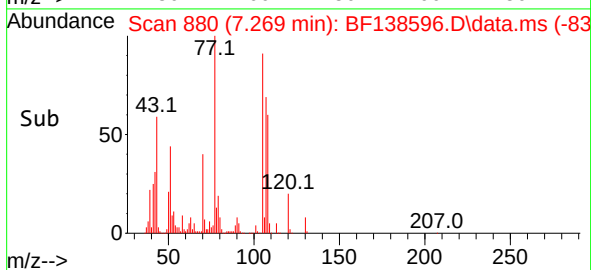
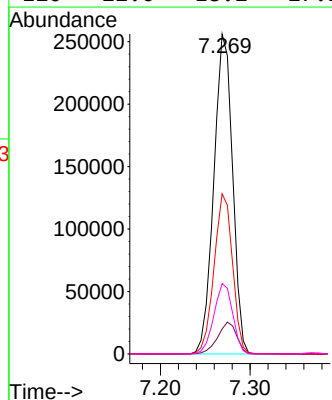
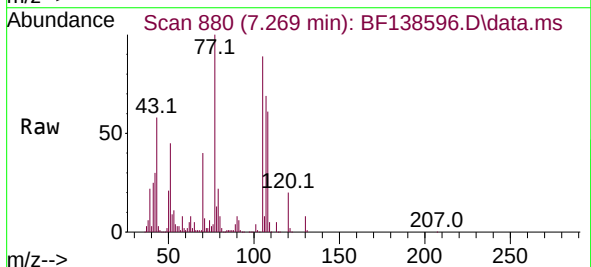
APPROVED

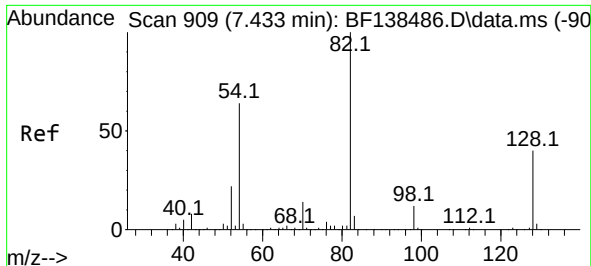
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Acetophenone
Concen: 48.202 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:105 Resp: 371829
Ion Ratio Lower Upper
105 100
71 7.8 7.4 11.2
51 50.0 38.7 58.1
120 22.0 18.2 27.2





#23
Nitrobenzene-d5
Concen: 78.055 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

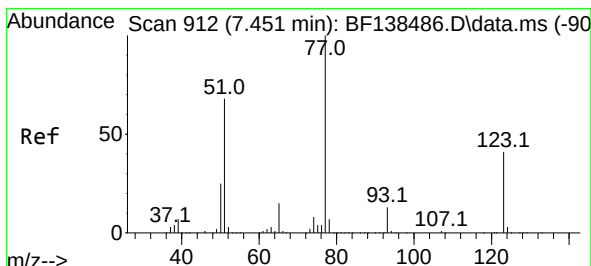
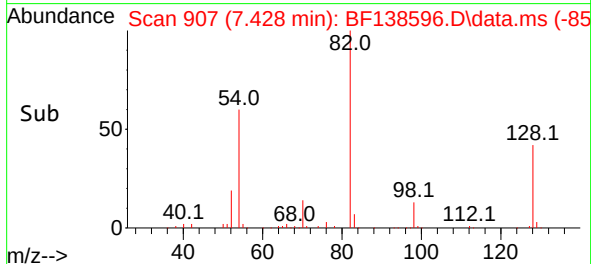
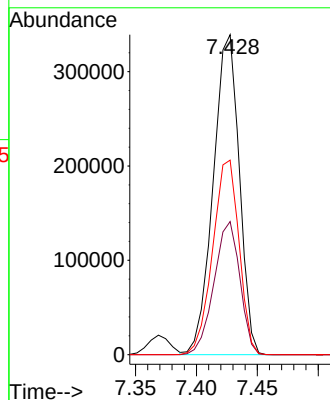
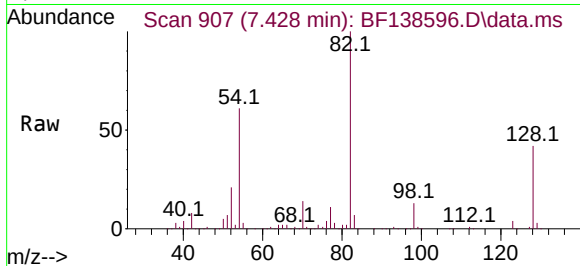
ClientSampleId :

HR-1-071724MS

Tgt Ion: 82 Resp: 504935
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 60.8 51.4 77.0

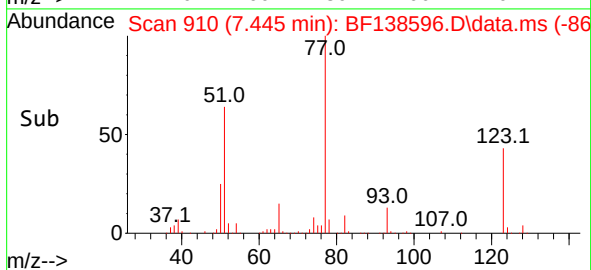
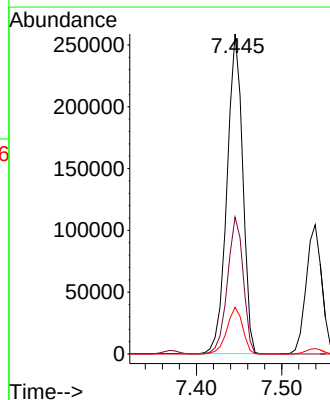
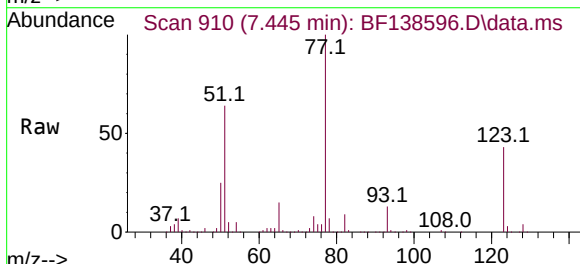
Manual Integrations
APPROVED

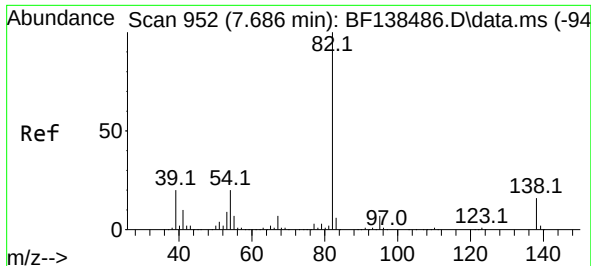
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#24
Nitrobenzene
Concen: 50.430 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion: 77 Resp: 331526
Ion Ratio Lower Upper
77 100
123 42.8 32.4 48.6
65 14.6 11.8 17.8





#25
Isophorone
Concen: 52.692 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

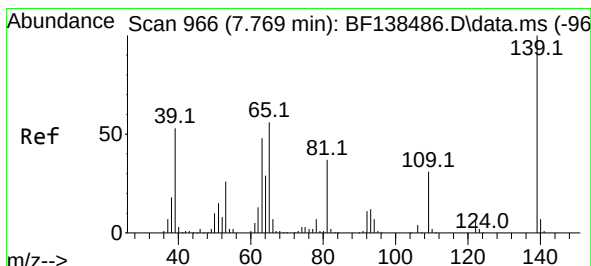
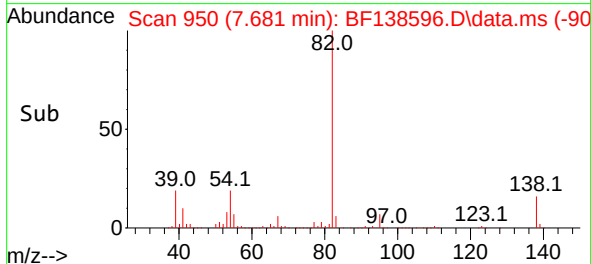
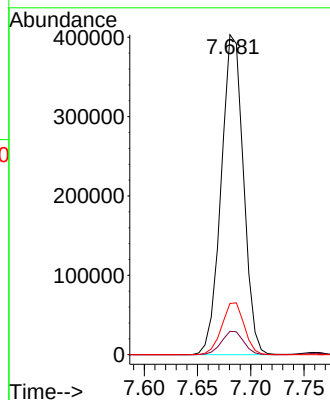
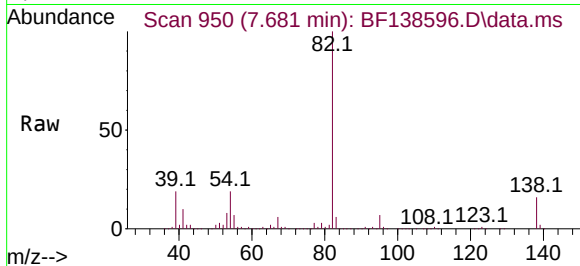
ClientSampleId :

HR-1-071724MS

Tgt Ion: 82 Resp: 58536
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.0 12.8 19.2

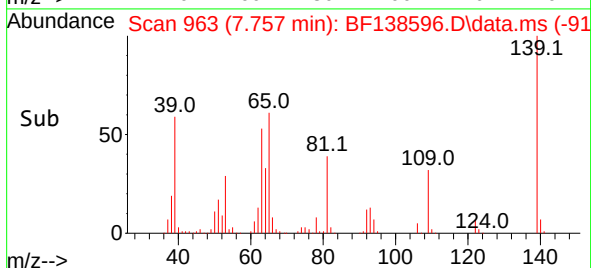
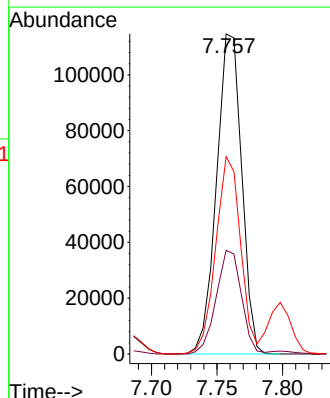
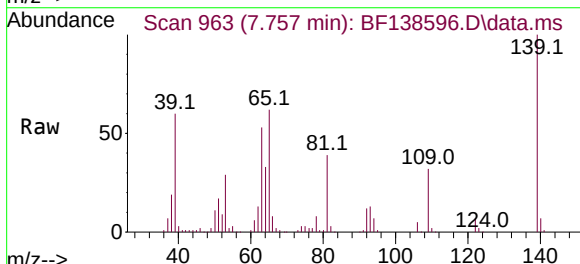
Manual Integrations
APPROVED

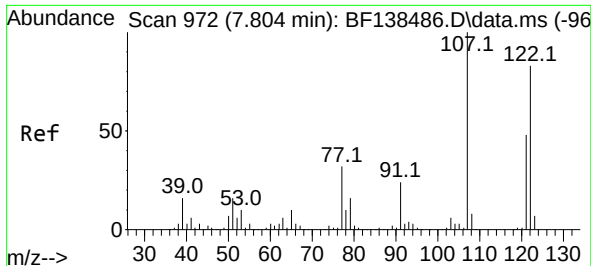
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#26
2-Nitrophenol
Concen: 54.287 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:139 Resp: 152960
Ion Ratio Lower Upper
139 100
109 32.4 24.8 37.2
65 61.6 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 57.343 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion:122 Resp: 198578

Ion Ratio Lower Upper

122 100

107 119.1 96.3 144.5

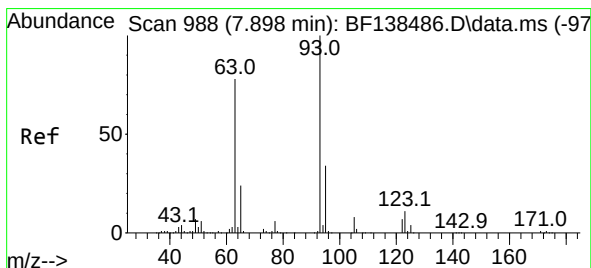
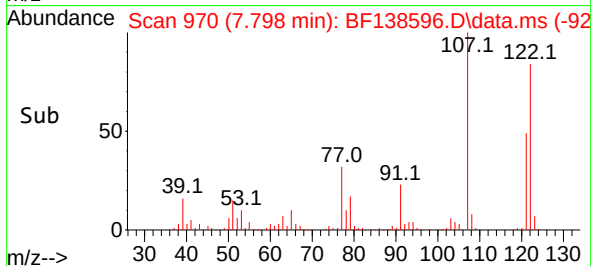
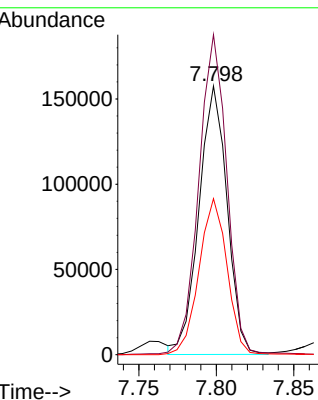
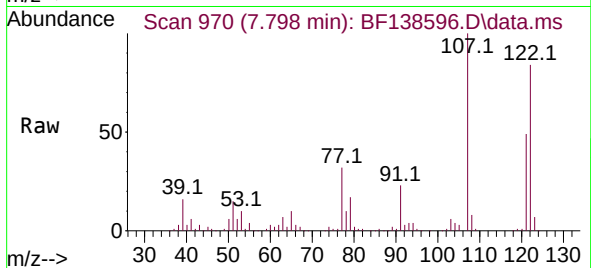
121 58.1 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 52.532 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

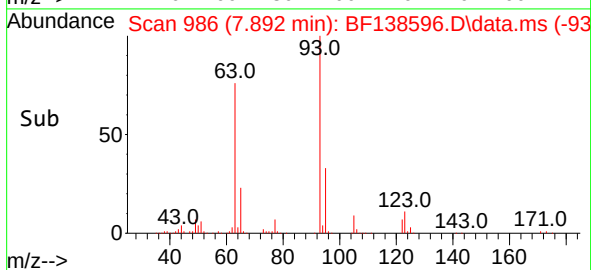
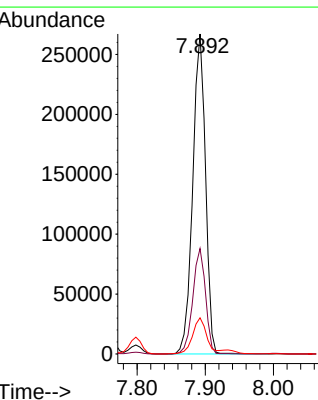
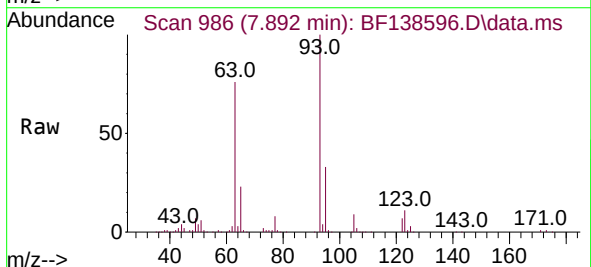
Tgt Ion: 93 Resp: 348780

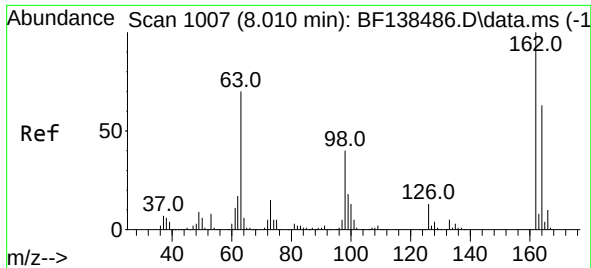
Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.6

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.250 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion:162 Resp: 225970

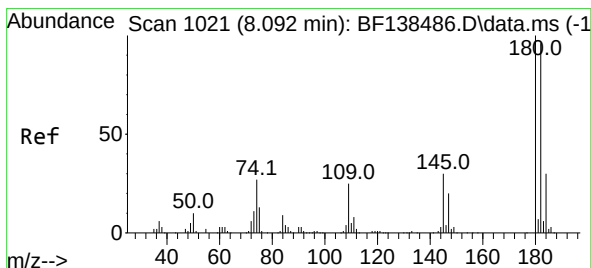
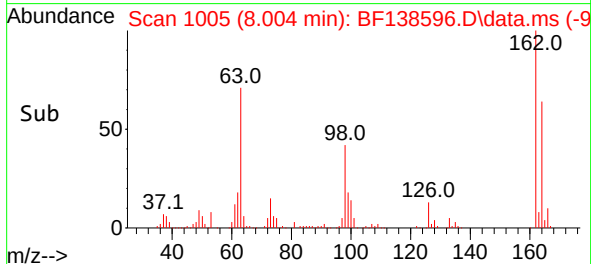
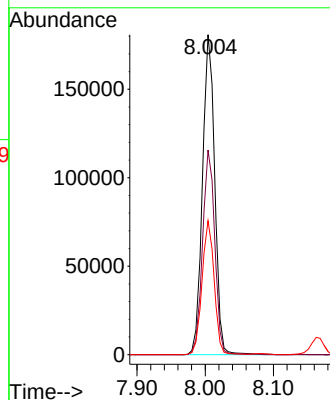
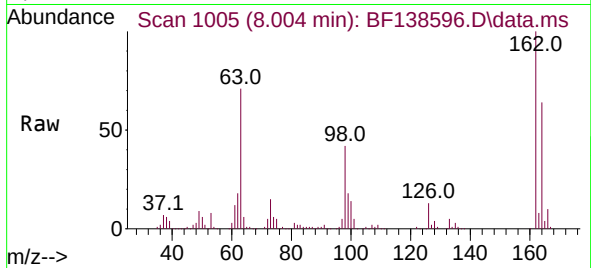
Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.6	82.6
98	41.9	20.1	60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.031 ng

RT: 8.080 min Scan# 1018

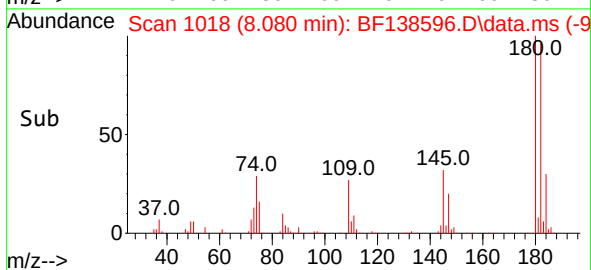
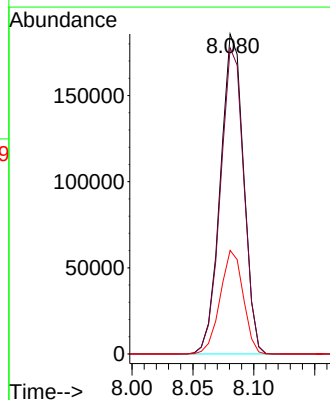
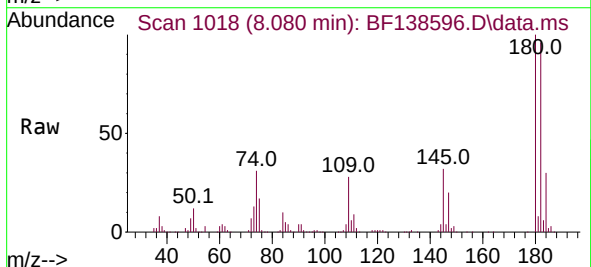
Delta R.T. -0.012 min

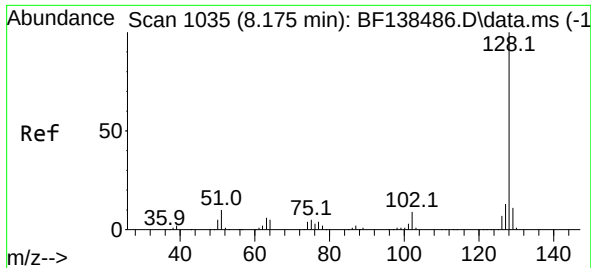
Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Tgt Ion:180 Resp: 246380

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.9	115.3
145	32.4	23.9	35.9





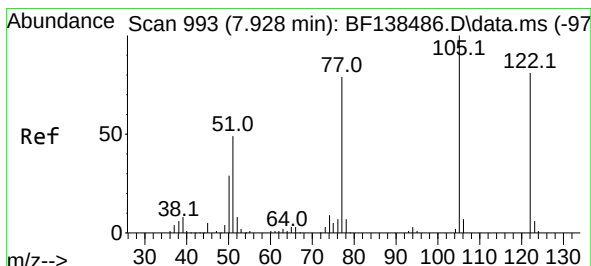
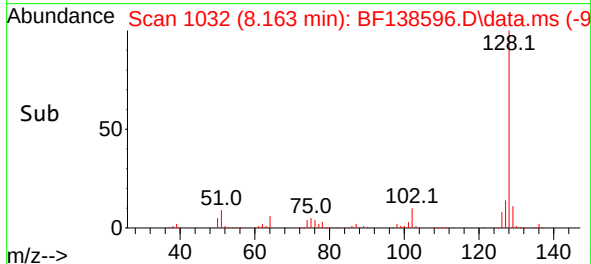
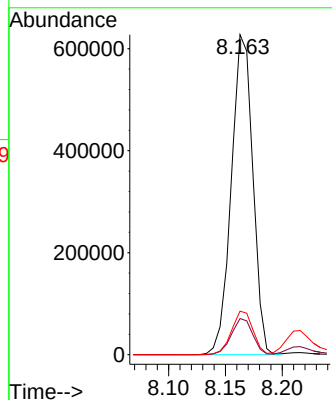
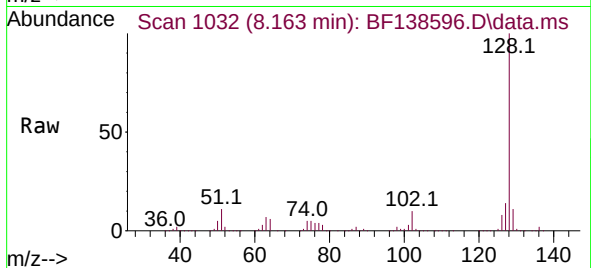
#31
Naphthalene
Concen: 49.901 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS

Tgt Ion:128 Resp: 82428
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.7 16.1

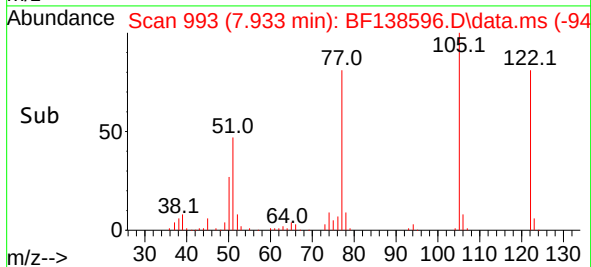
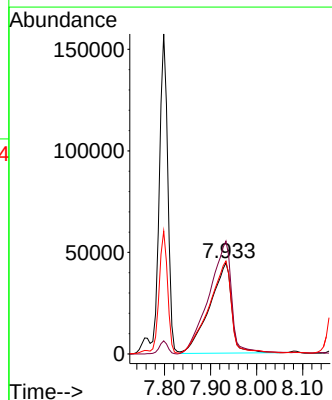
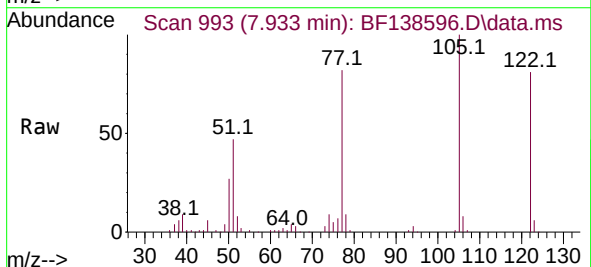
Manual Integrations
APPROVED

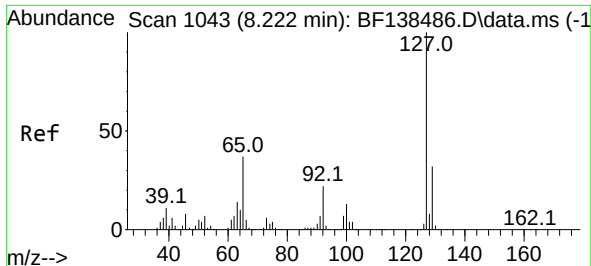
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#32
Benzoic acid
Concen: 44.836 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:122 Resp: 148088
Ion Ratio Lower Upper
122 100
105 124.2 101.5 141.5
77 102.1 77.3 117.3





#33
4-Chloroaniline
Concen: 15.522 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

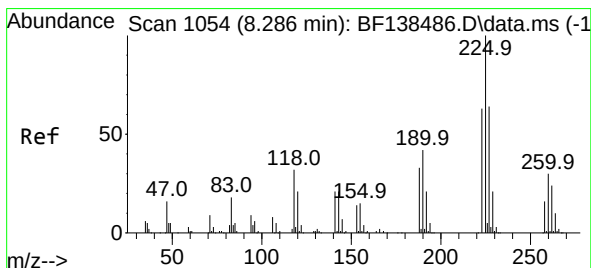
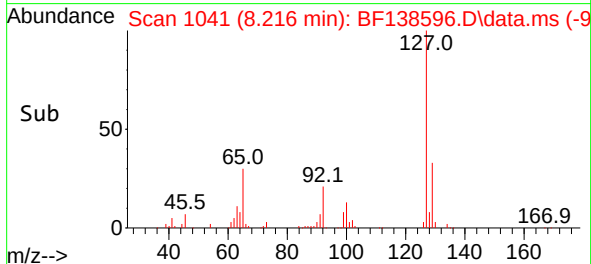
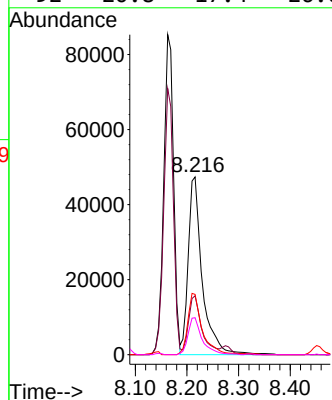
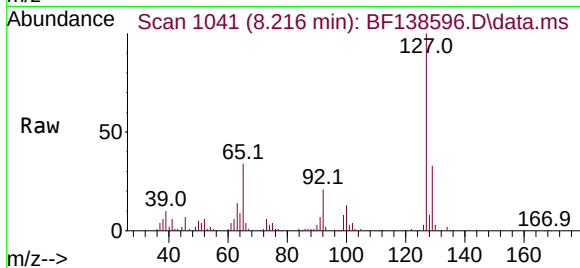
HR-1-071724MS

Tgt Ion:	127	Resp:	8996
Ion Ratio	Lower	Upper	
127	100		
129	33.2	25.6	38.4
65	34.0	29.6	44.4
92	20.8	17.4	26.0

Manual Integrations

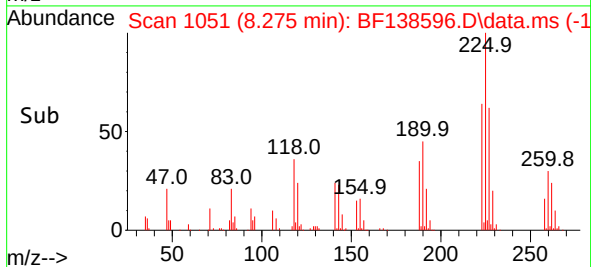
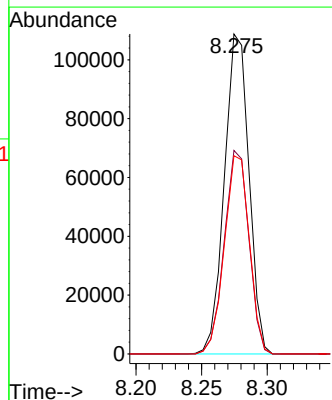
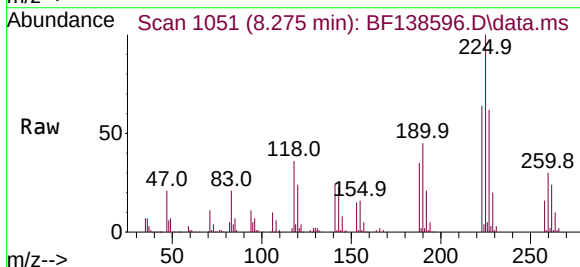
APPROVED

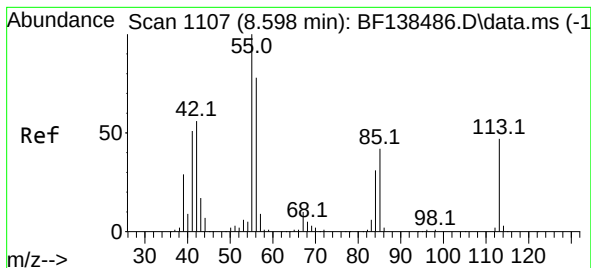
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#34
Hexachlorobutadiene
Concen: 43.947 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:	225	Resp:	141771
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.0	75.0
227	61.9	51.0	76.6





#35

Caprolactam

Concen: 49.241 ng m

RT: 8.586 min Scan# 1104

Delta R.T. -0.012 min

Lab File: BF138596.D

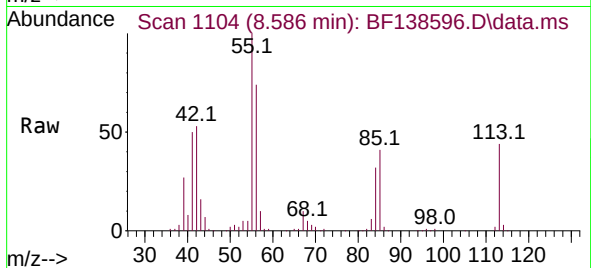
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS



Tgt Ion:113 Resp: 7145

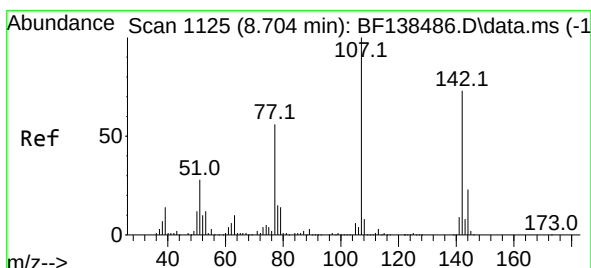
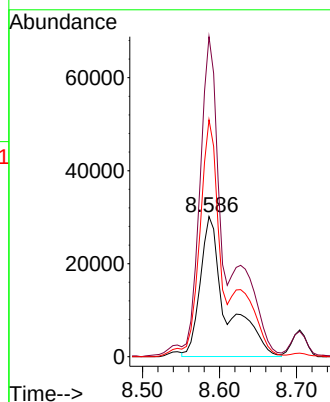
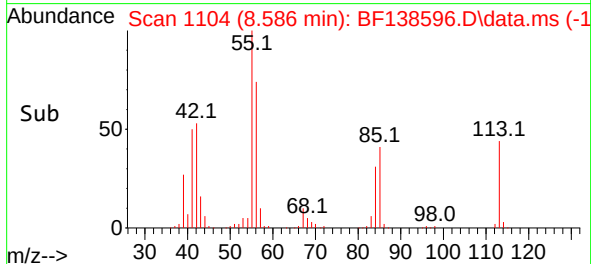
Ion	Ratio	Lower	Upper
113	100		
55	228.3	192.5	232.5
56	169.1	145.3	185.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#36

4-Chloro-3-methylphenol

Concen: 50.847 ng

RT: 8.704 min Scan# 1124

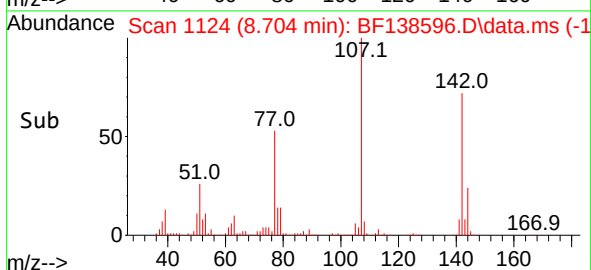
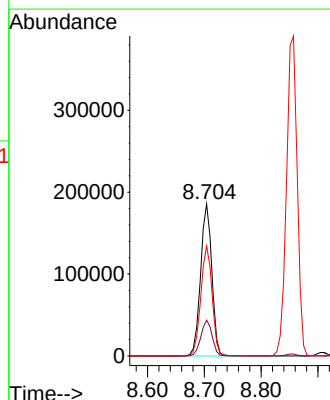
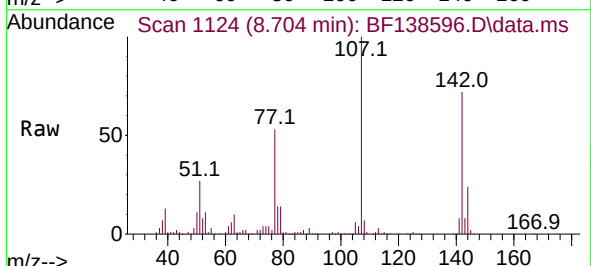
Delta R.T. 0.000 min

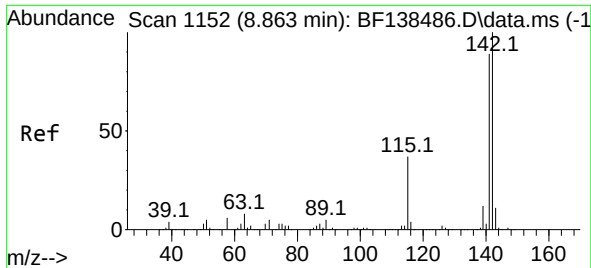
Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Tgt Ion:107 Resp: 255987

Ion	Ratio	Lower	Upper
107	100		
144	23.6	18.6	27.8
142	72.4	58.6	88.0





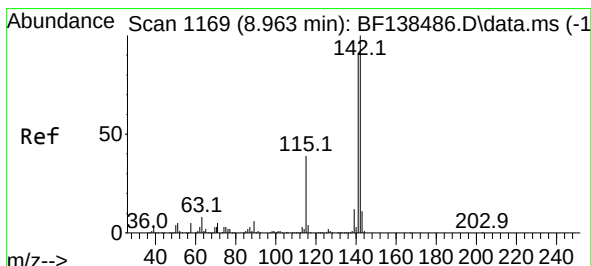
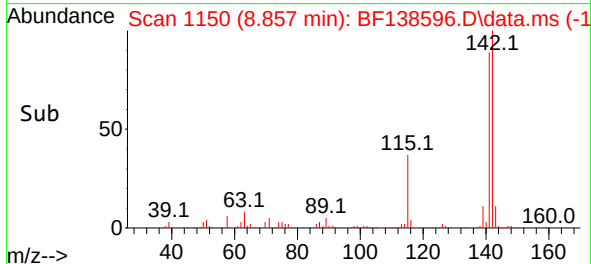
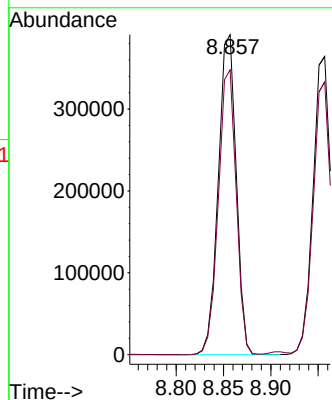
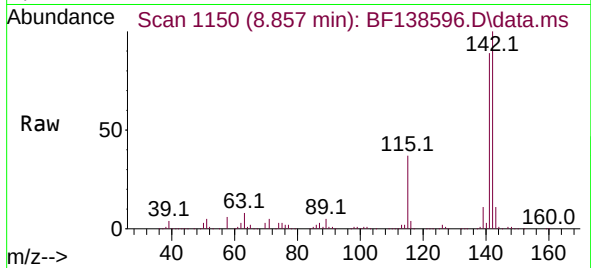
#37
2-Methylnaphthalene
Concen: 48.549 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS

Tgt Ion:142 Resp: 51608
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0

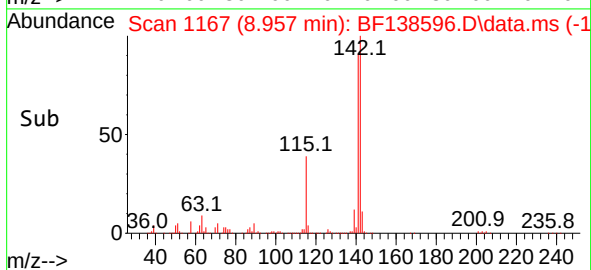
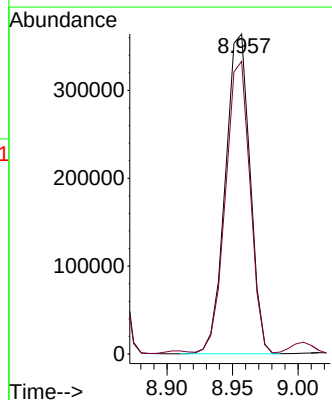
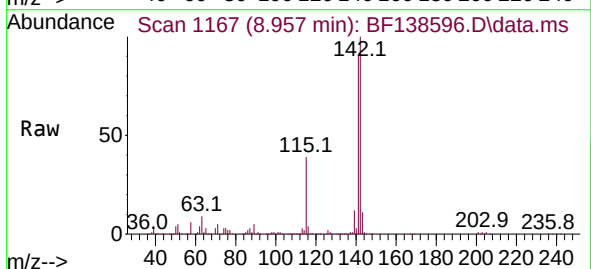
Manual Integrations
APPROVED

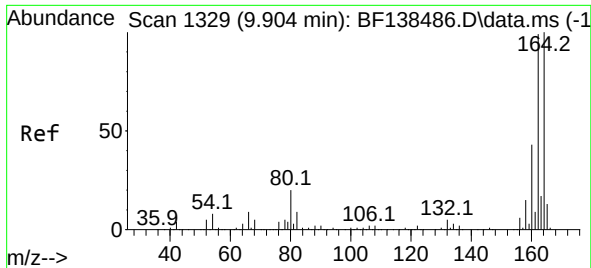
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#38
1-Methylnaphthalene
Concen: 46.002 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:142 Resp: 477250
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8





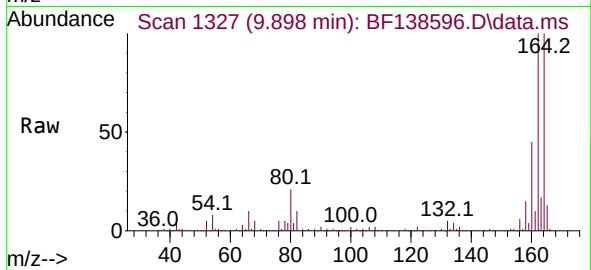
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS



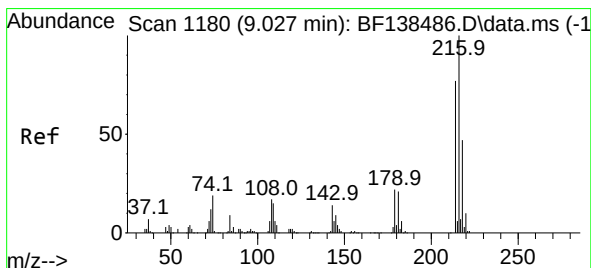
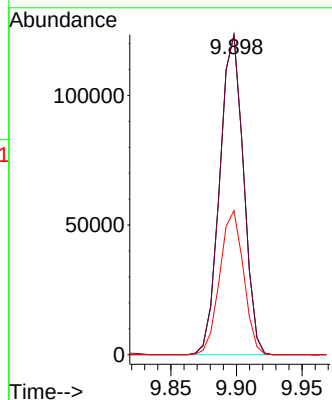
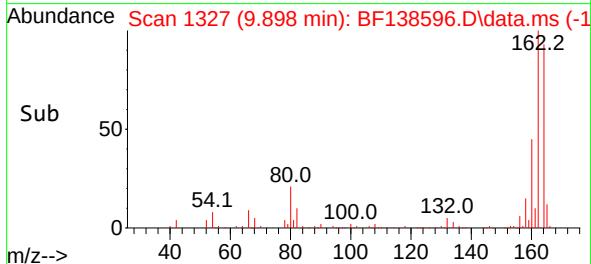
Tgt Ion:164 Resp: 15515
Ion Ratio Lower Upper
164 100
162 100.1 79.0 118.6
160 45.0 34.4 51.6

Manual Integrations

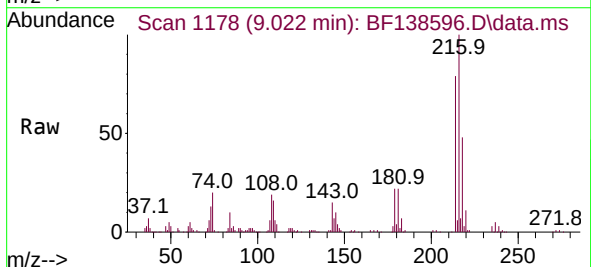
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

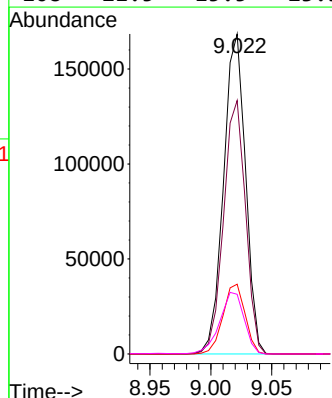
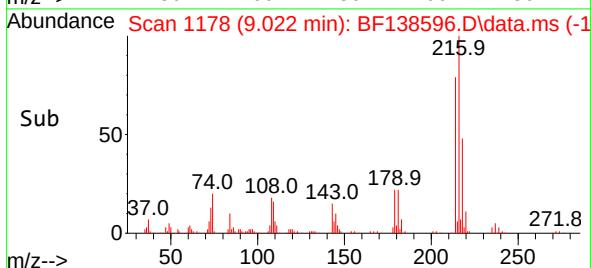
Supervised By :mohammad ahmed 07/22/2024

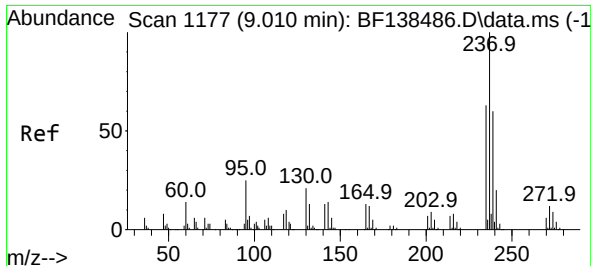


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.955 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32



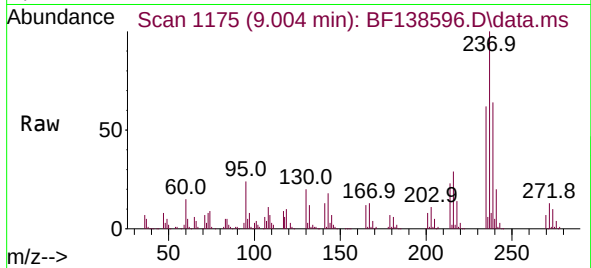
Tgt Ion:216 Resp: 211690
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 22.0 17.7 26.5
108 21.5 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 89.790 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

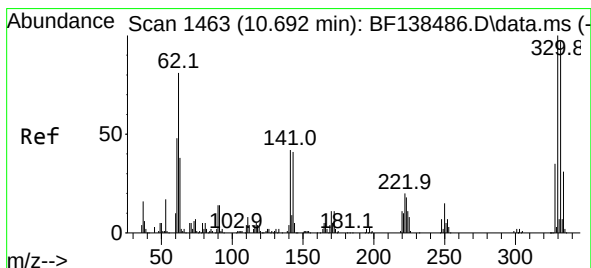
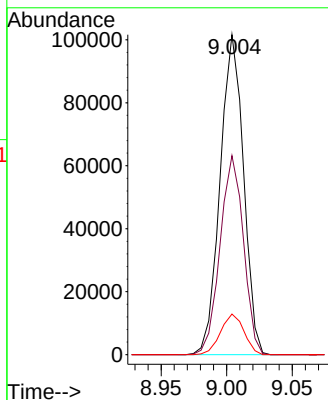
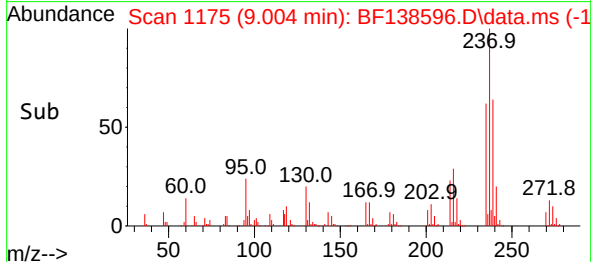
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



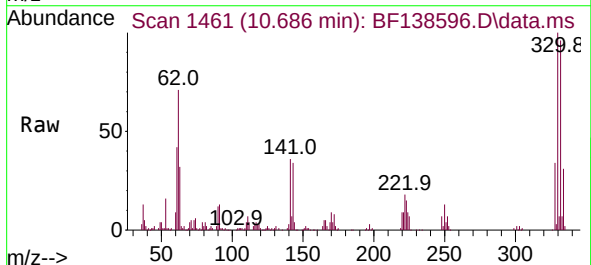
Tgt Ion: 237 Resp: 126024
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 12.7 0.0 32.3

Manual Integrations
APPROVED

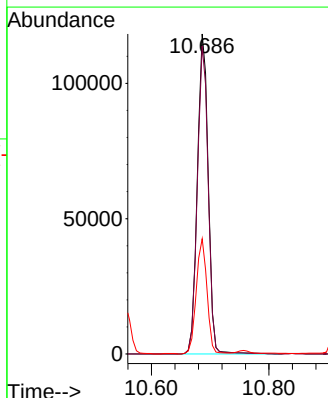
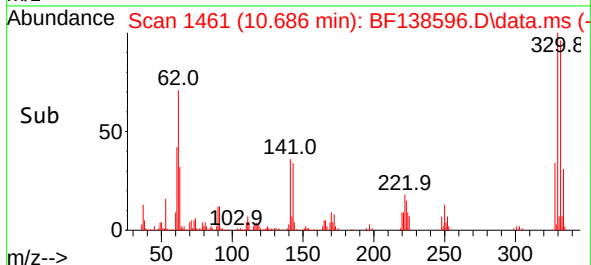
Reviewed By : Yogesh Patel 07/20/2024
Supervised By : mohammad ahmed 07/22/2024

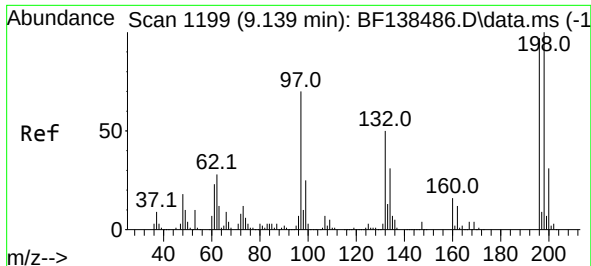


#42
2,4,6-Tribromophenol
Concen: 104.575 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32



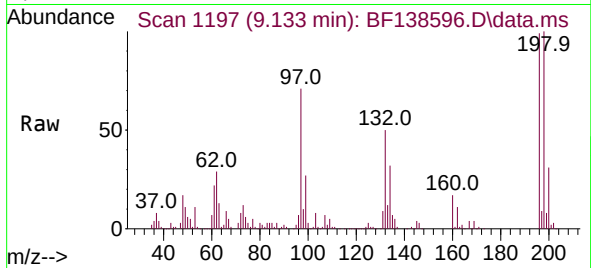
Tgt Ion: 330 Resp: 151638
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 35.5 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 53.494 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

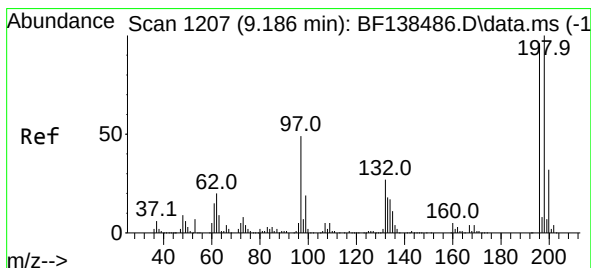
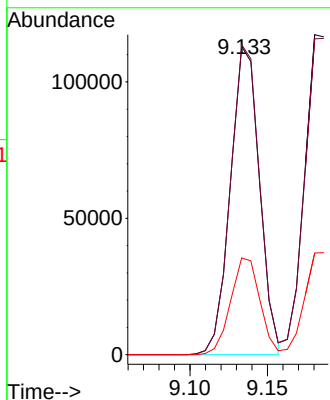
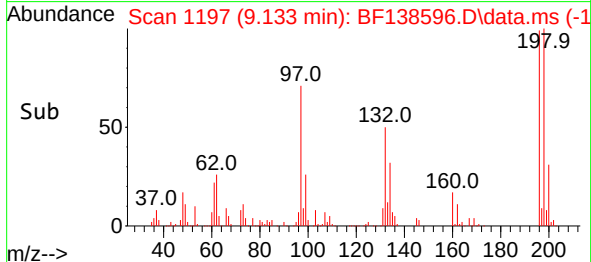
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



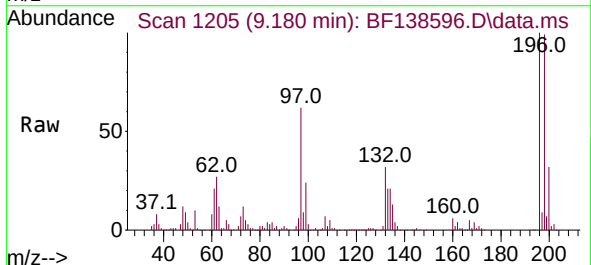
Tgt Ion:196 Resp: 14755
Ion Ratio Lower Upper
196 100
198 100.6 82.3 123.5
200 31.4 25.8 38.6

Manual Integrations
APPROVED

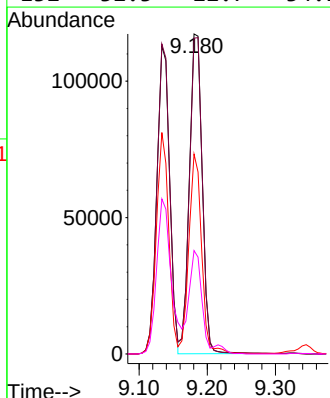
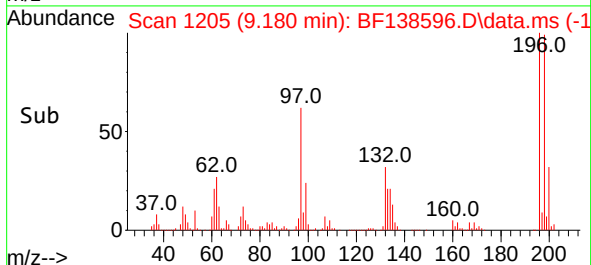
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

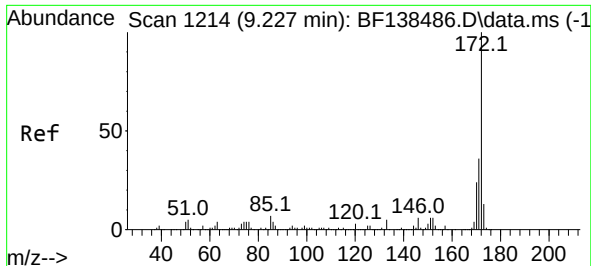


#44
2,4,5-Trichlorophenol
Concen: 50.310 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32



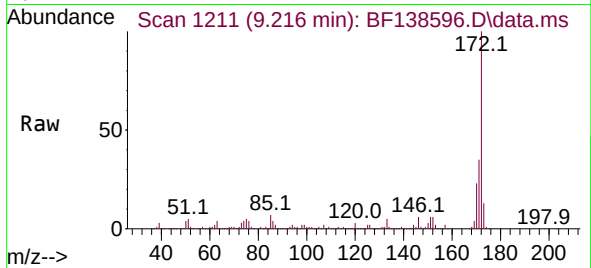
Tgt Ion:196 Resp: 152631
Ion Ratio Lower Upper
196 100
198 98.7 82.8 124.2
97 62.4 41.0 61.4#
132 32.3 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 81.928 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

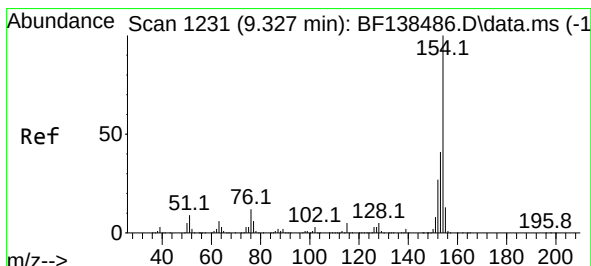
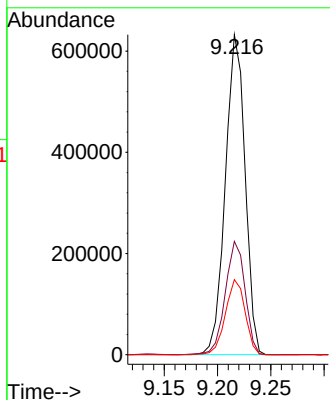
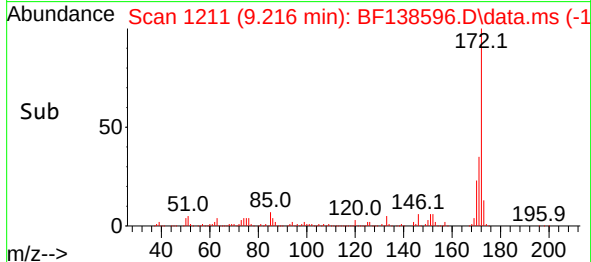
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



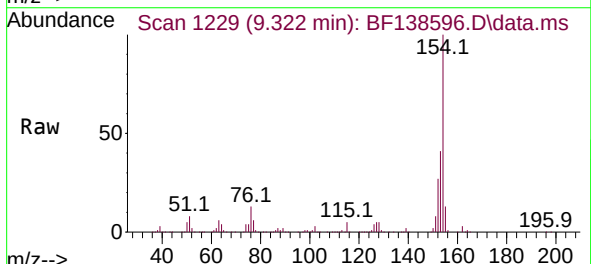
Tgt Ion:172 Resp: 81330
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.5 18.9 28.3

Manual Integrations
APPROVED

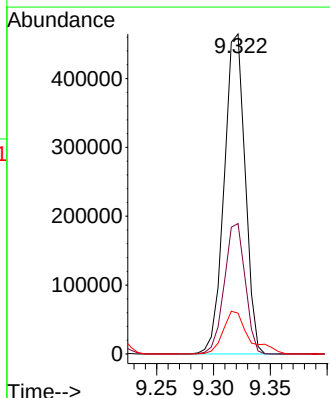
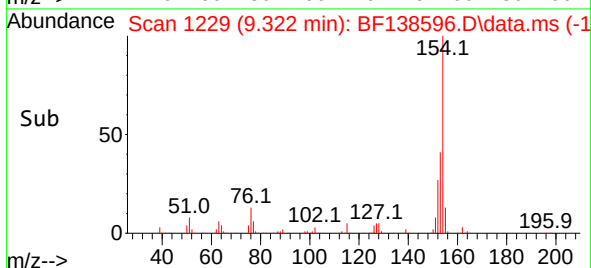
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

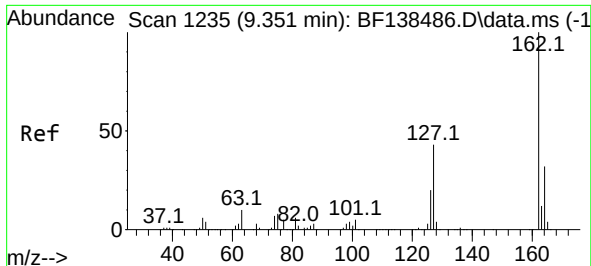


#46
1,1'-Biphenyl
Concen: 50.677 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32



Tgt Ion:154 Resp: 595865
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 12.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 52.197 ng

RT: 9.345 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion:162 Resp: 463650

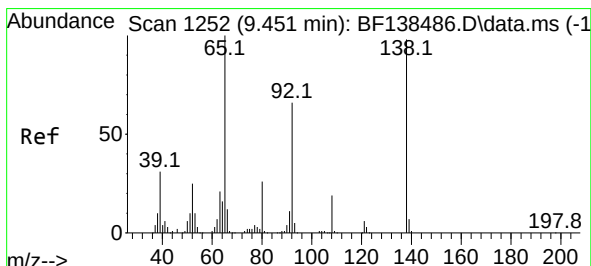
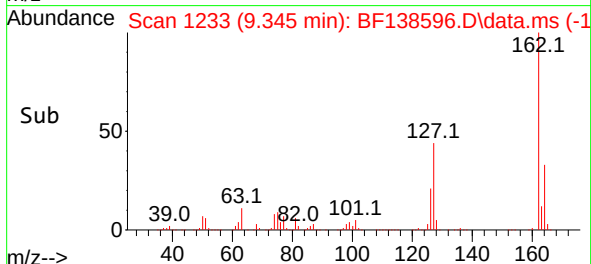
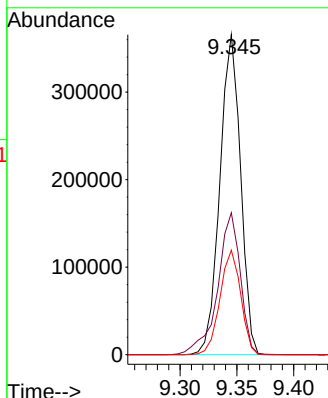
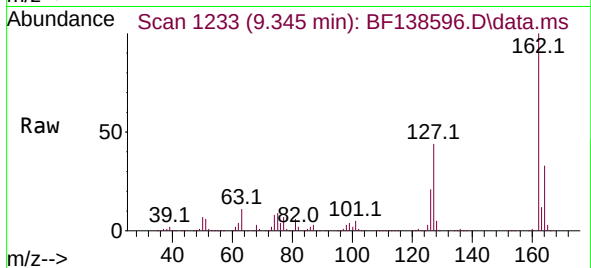
Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.8	52.2
164	32.6	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#48

2-Nitroaniline

Concen: 57.444 ng

RT: 9.445 min Scan# 1250

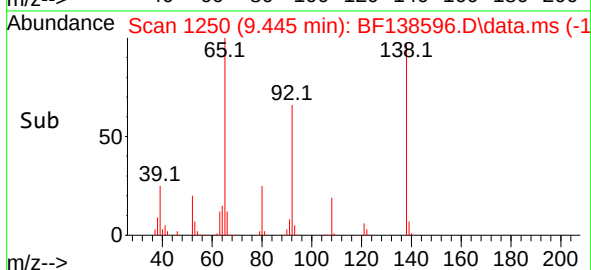
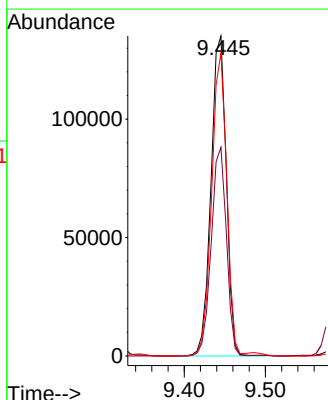
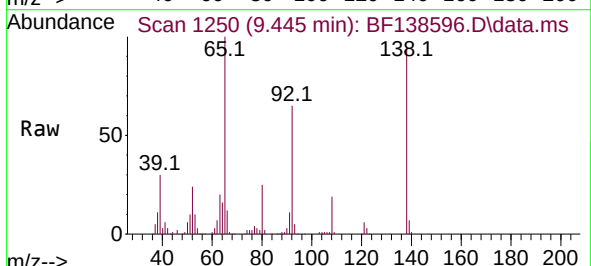
Delta R.T. -0.006 min

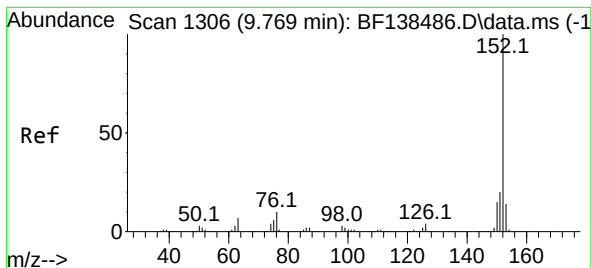
Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Tgt Ion: 65 Resp: 176820

Ion	Ratio	Lower	Upper
65	100		
92	65.2	52.6	78.8
138	94.7	78.6	118.0





#49

Acenaphthylene

Concen: 57.273 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion:152 Resp: 72228

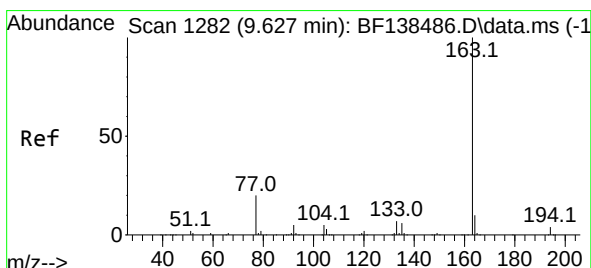
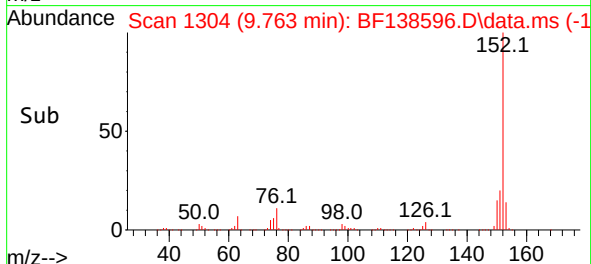
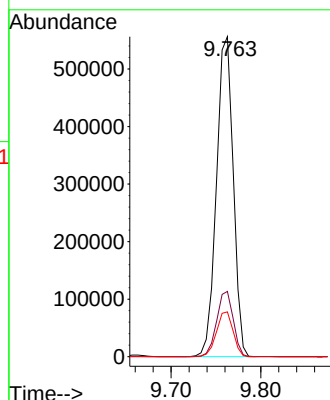
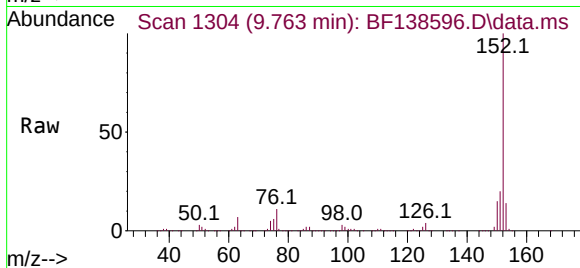
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#50

Dimethylphthalate

Concen: 55.958 ng

RT: 9.622 min Scan# 1280

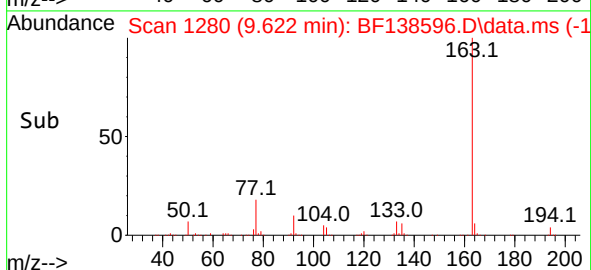
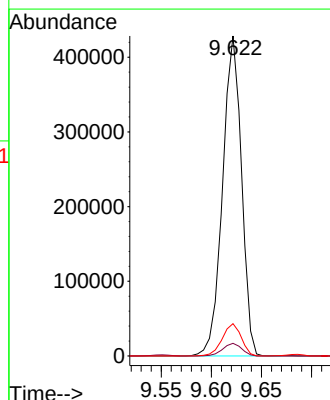
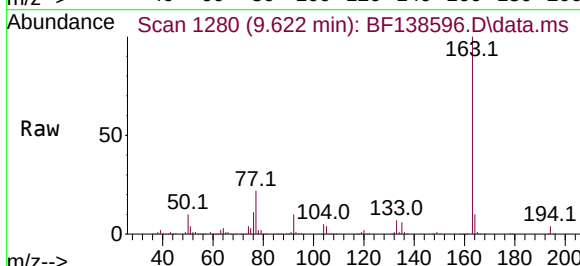
Delta R.T. -0.006 min

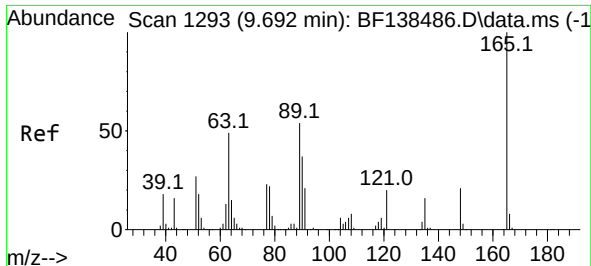
Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Tgt Ion:163 Resp: 561393

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.1	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 51.624 ng
RT: 9.686 min Scan# 11924
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

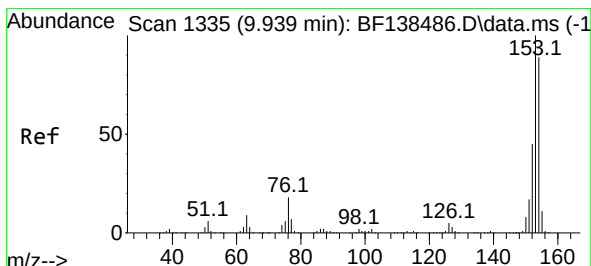
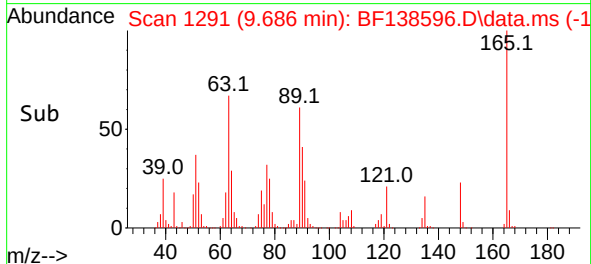
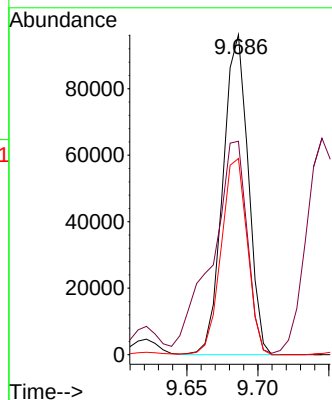
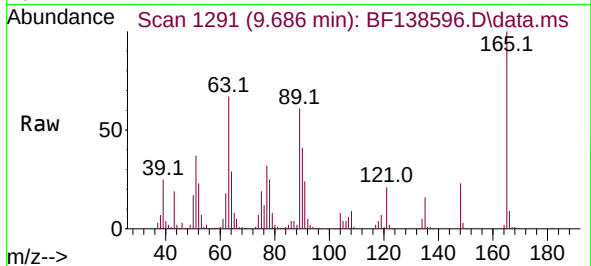
ClientSampleId :

HR-1-071724MS

Tgt Ion:165 Resp: 11924
Ion Ratio Lower Upper
165 100
63 66.7 48.1 72.1
89 61.3 43.0 64.6

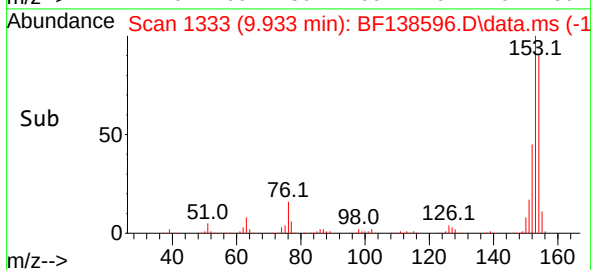
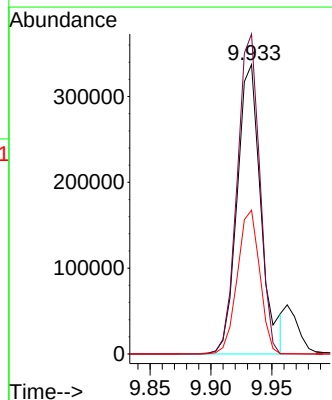
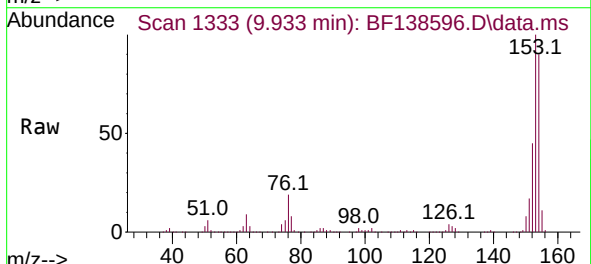
Manual Integrations
APPROVED

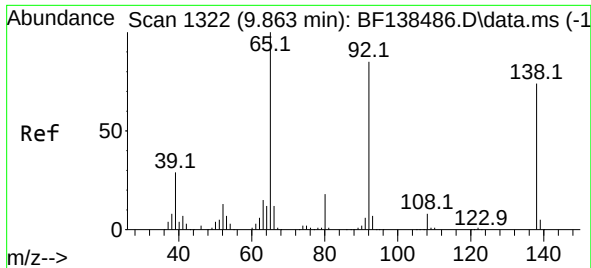
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#52
Acenaphthene
Concen: 54.792 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:154 Resp: 459326
Ion Ratio Lower Upper
154 100
153 110.5 90.4 135.6
152 49.7 41.1 61.7





#53
3-Nitroaniline
Concen: 36.627 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

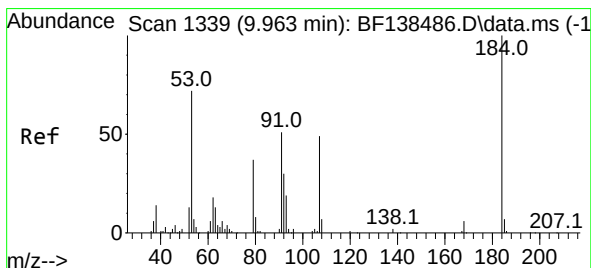
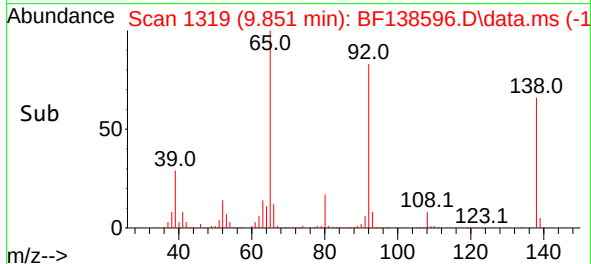
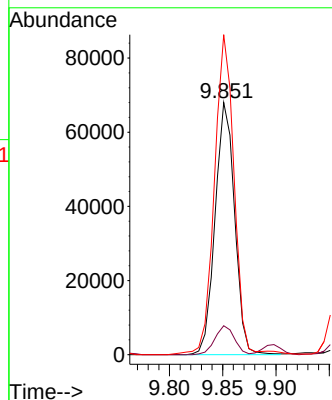
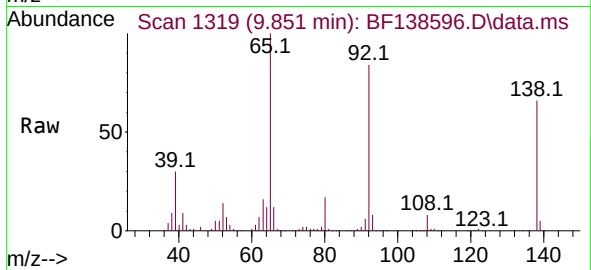
HR-1-071724MS

Tgt Ion:138 Resp: 86715
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 126.9 92.6 138.8

Manual Integrations

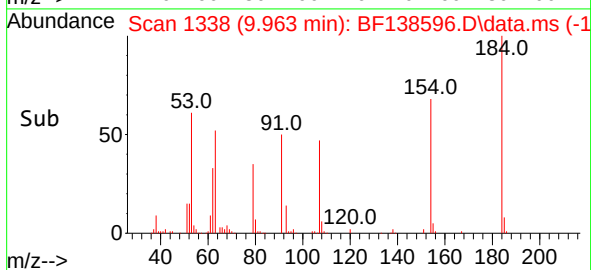
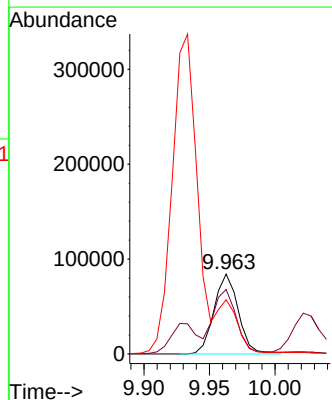
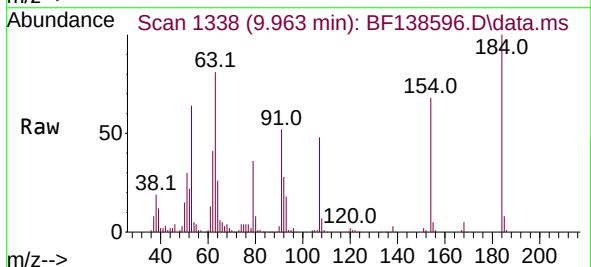
APPROVED

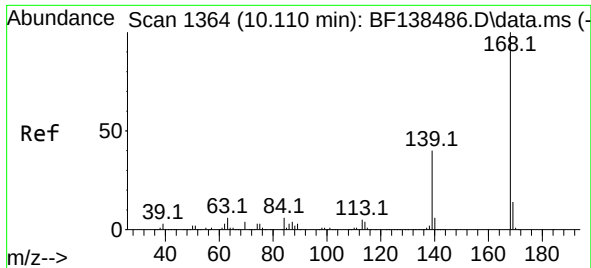
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#54
2,4-Dinitrophenol
Concen: 87.338 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

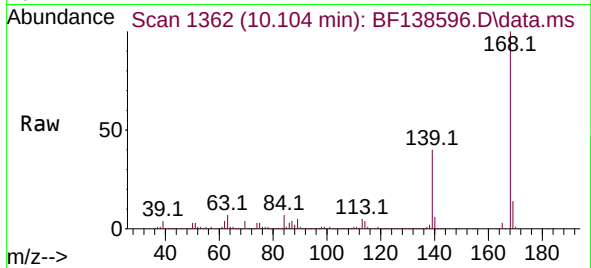
Tgt Ion:184 Resp: 108838
Ion Ratio Lower Upper
184 100
63 80.7 70.6 106.0
154 67.9 53.8 80.6





#55
Dibenzenofuran
Concen: 51.437 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

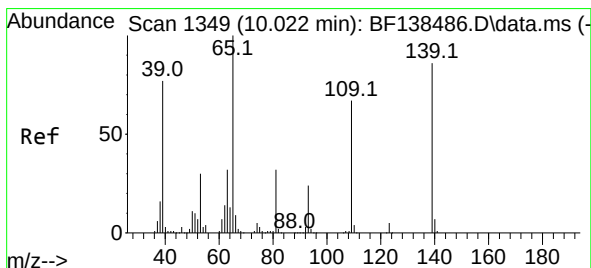
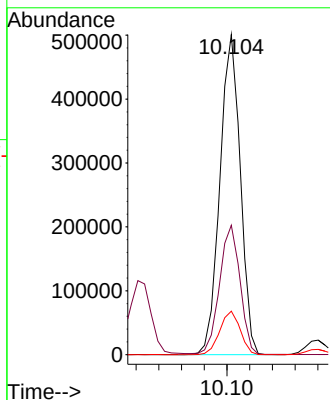
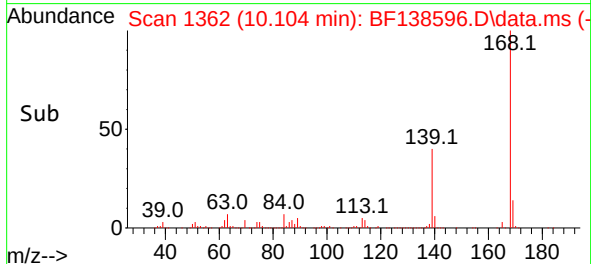
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion:168 Resp: 625434
Ion Ratio Lower Upper
168 100
139 40.5 32.4 48.6
169 13.6 10.9 16.3

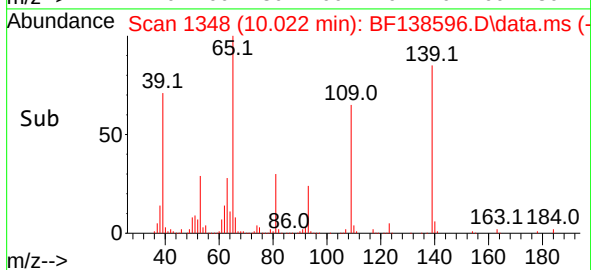
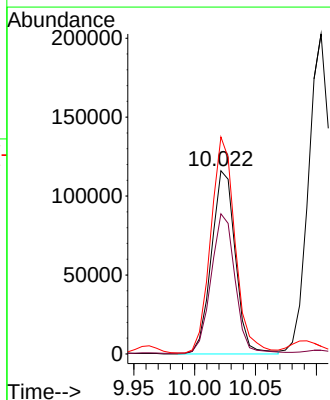
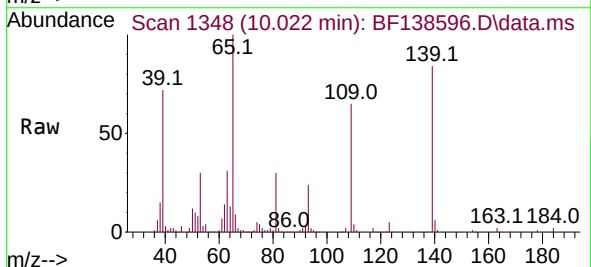
Manual Integrations
APPROVED

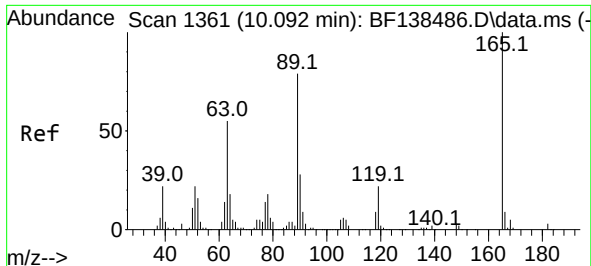
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#56
4-Nitrophenol
Concen: 90.805 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:139 Resp: 158627
Ion Ratio Lower Upper
139 100
109 76.5 58.1 98.1
65 118.4 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 52.481 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

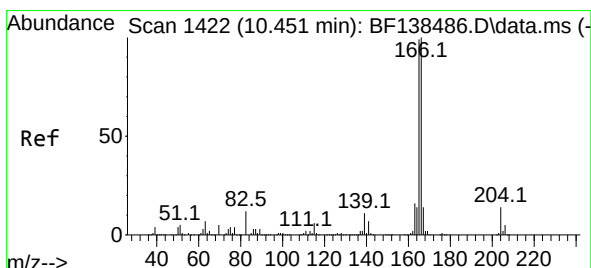
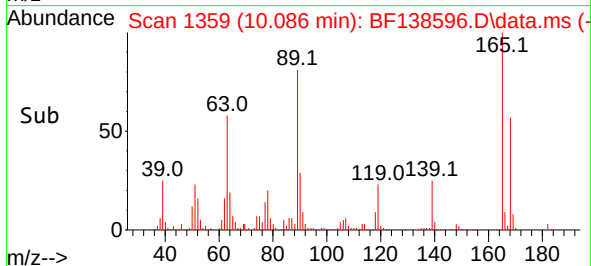
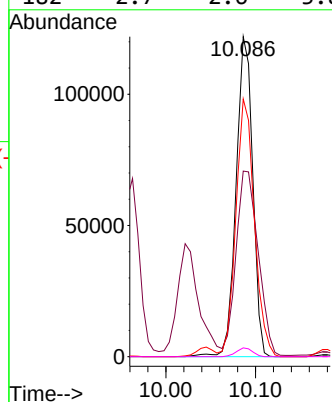
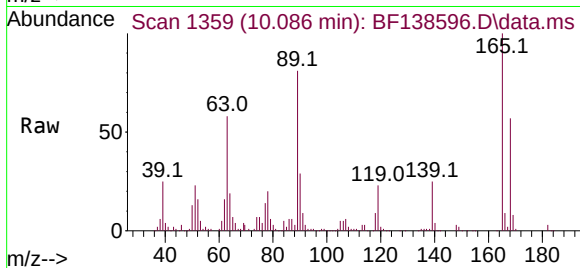
HR-1-071724MS

Tgt Ion:165 Resp: 156850
Ion Ratio Lower Upper
165 100
63 58.0 44.6 66.8
89 80.6 63.4 95.2
182 2.7 2.6 3.8

Manual Integrations

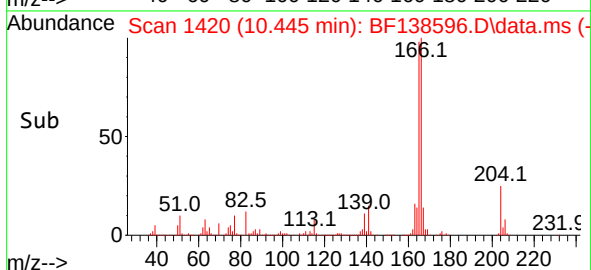
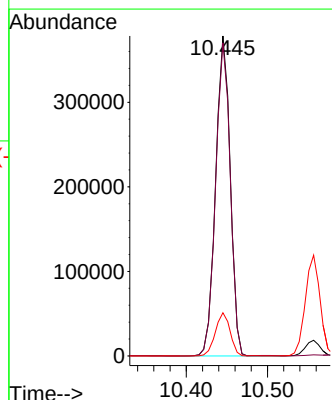
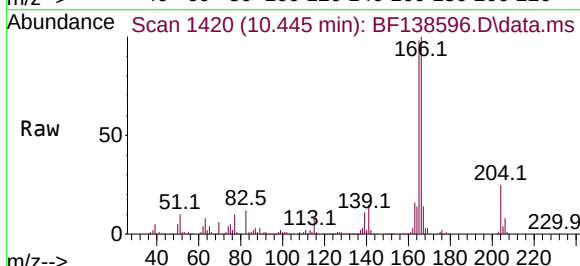
APPROVED

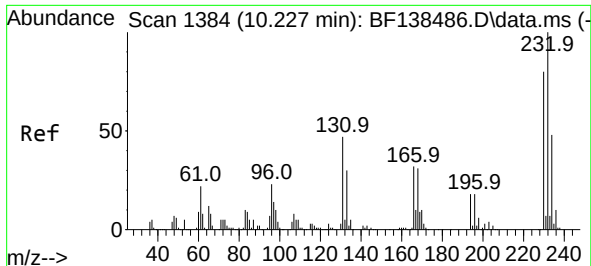
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#58
Fluorene
Concen: 49.130 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

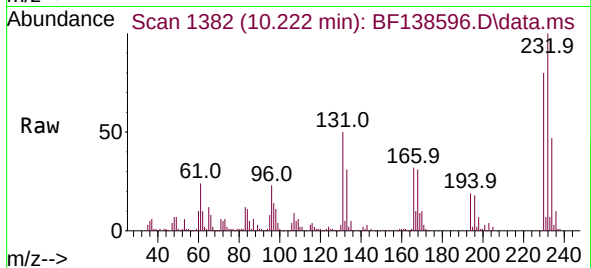
Tgt Ion:166 Resp: 472683
Ion Ratio Lower Upper
166 100
165 97.8 79.1 118.7
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.652 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

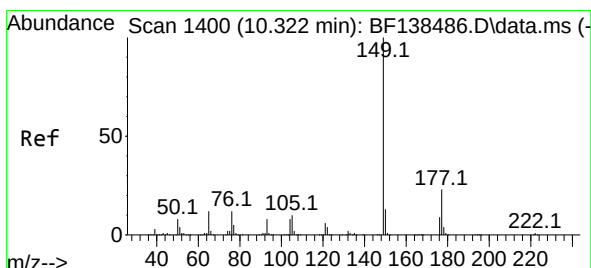
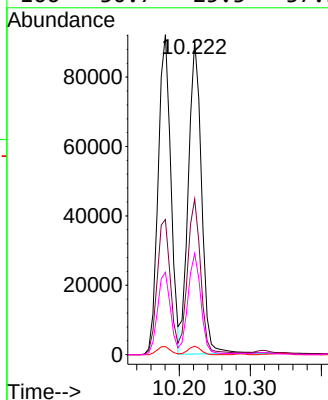
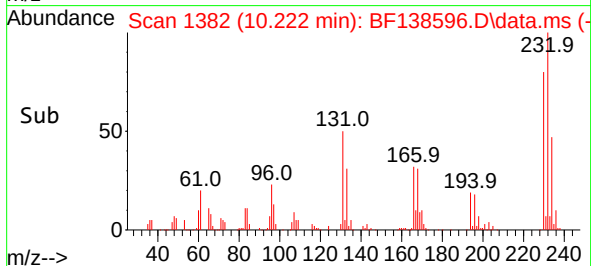
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion:232 Resp: 116488
Ion Ratio Lower Upper
232 100
131 49.5 37.5 56.3
130 2.6 2.0 3.0
166 30.7 25.3 37.9

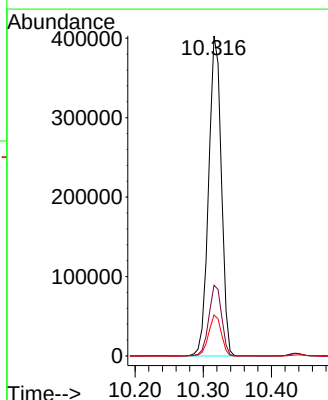
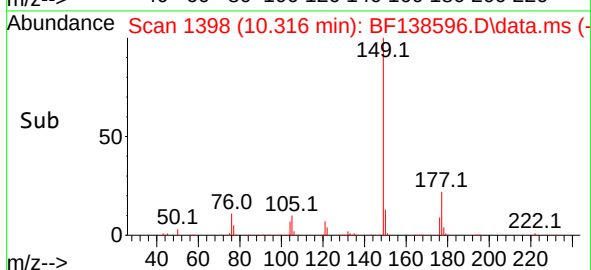
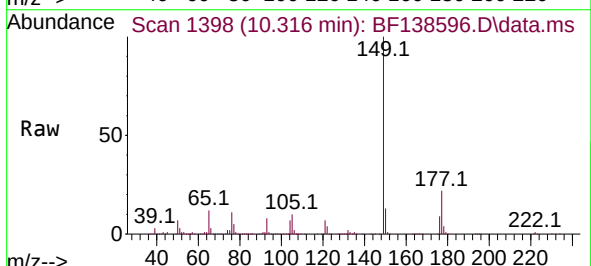
Manual Integrations
APPROVED

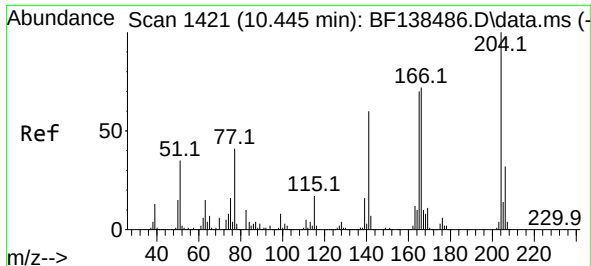
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#60
Diethylphthalate
Concen: 53.970 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

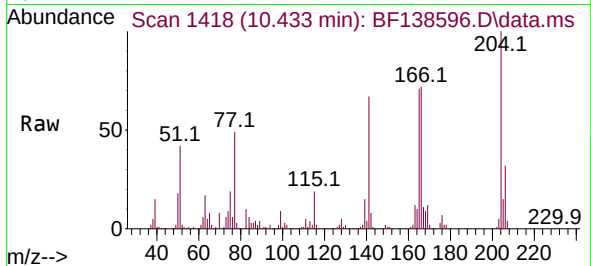
Tgt Ion:149 Resp: 521974
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 48.110 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

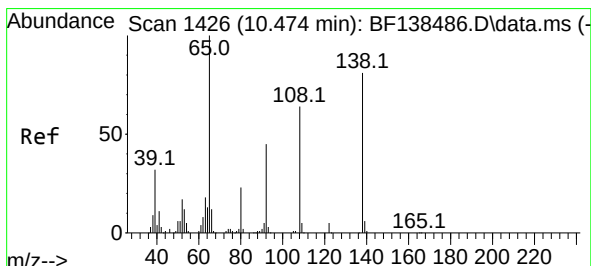
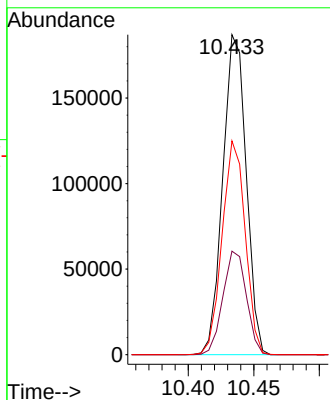
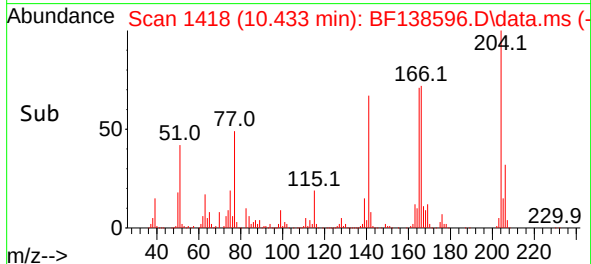
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion:204 Resp: 232429
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 66.8 47.7 71.5

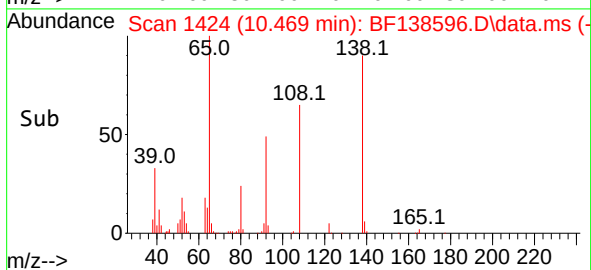
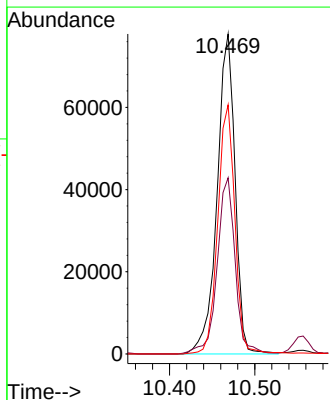
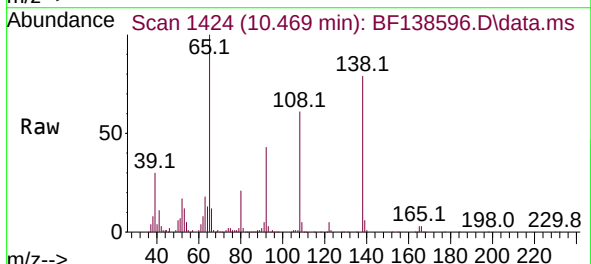
Manual Integrations
APPROVED

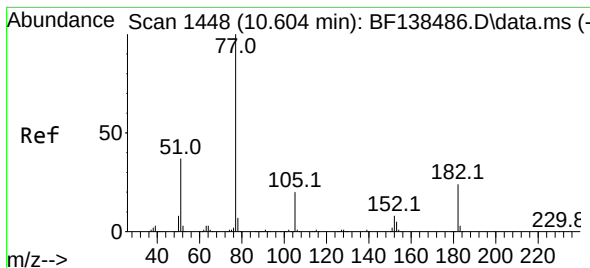
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#62
4-Nitroaniline
Concen: 48.080 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

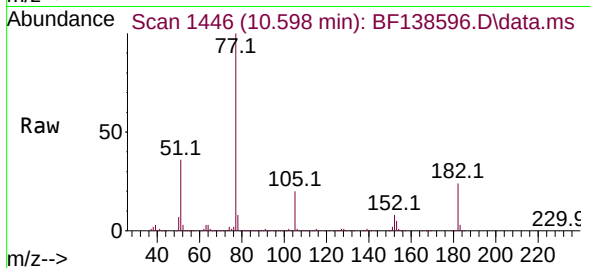
Tgt Ion:138 Resp: 114066
Ion Ratio Lower Upper
138 100
92 55.0 35.8 75.8
108 77.9 59.8 99.8





#63
Azobenzene
Concen: 52.138 ng
RT: 10.598 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

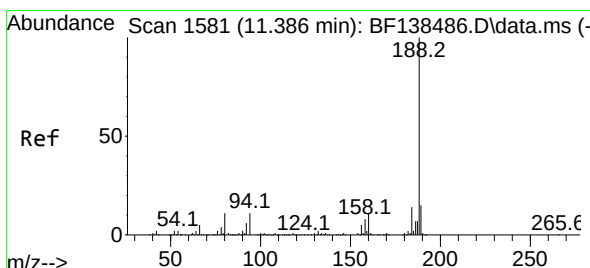
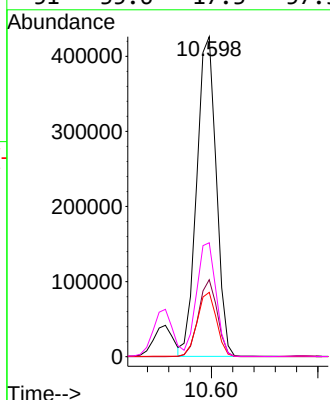
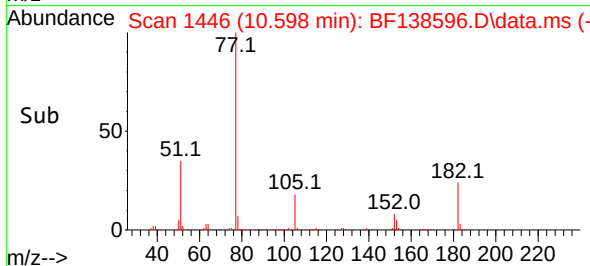
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion: 77 Resp: 54214
Ion Ratio Lower Upper
77 100
182 24.0 3.8 43.8
105 20.1 0.0 39.8
51 35.6 17.3 57.3

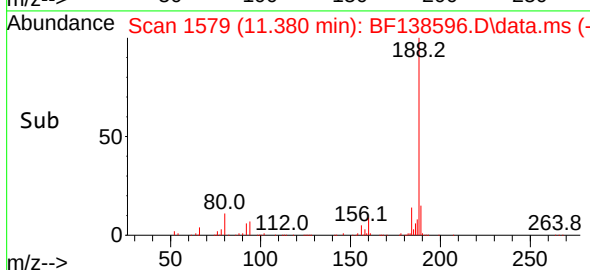
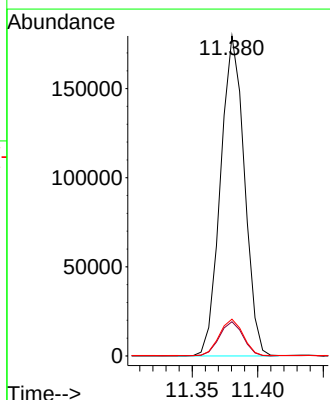
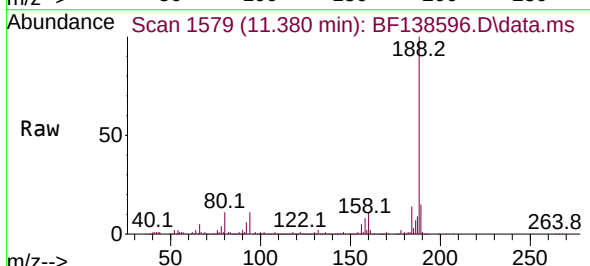
Manual Integrations
APPROVED

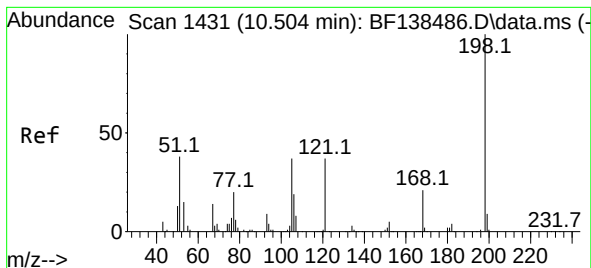
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:188 Resp: 227102
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.5 9.0 13.4





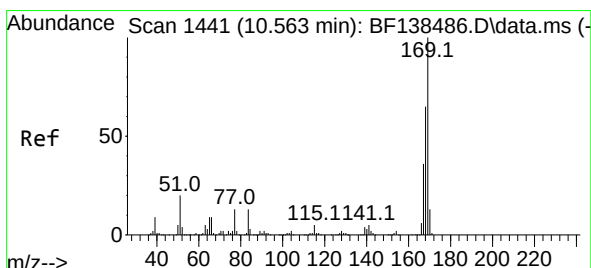
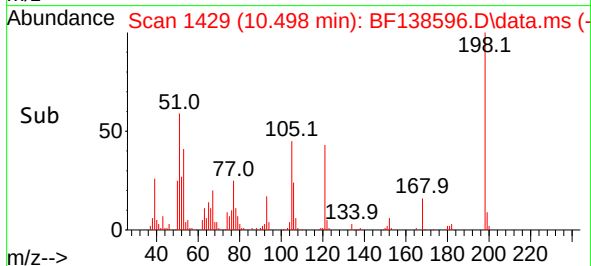
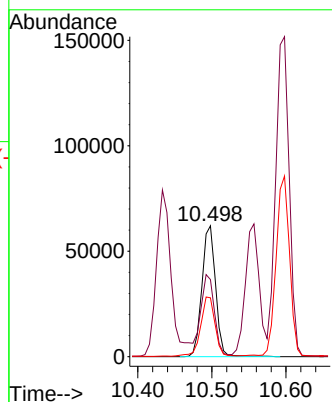
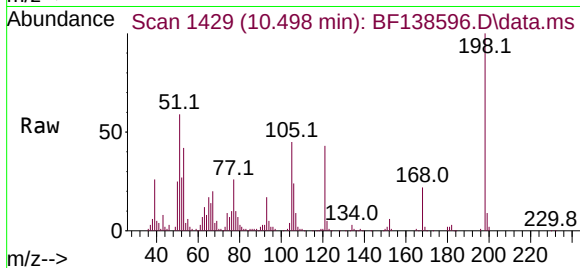
#65
4,6-Dinitro-2-methylphenol
Concen: 60.775 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS

Tgt Ion:198 Resp: 7969
Ion Ratio Lower Upper
198 100
51 58.9 27.2 67.2
105 45.0 18.5 58.5

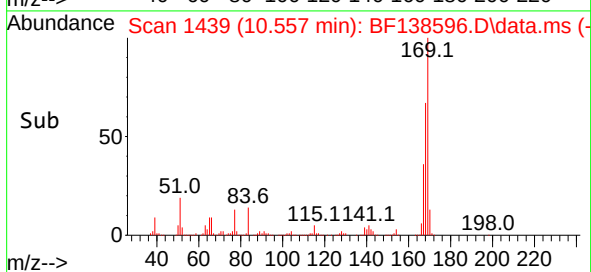
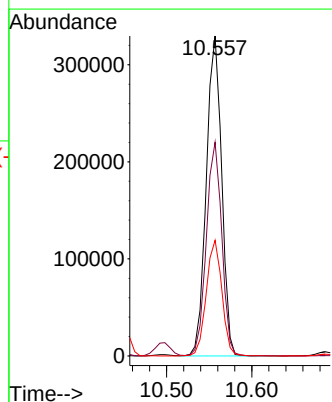
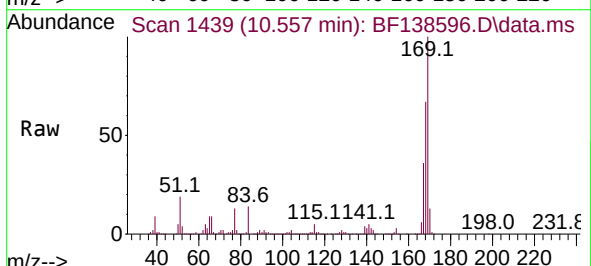
Manual Integrations
APPROVED

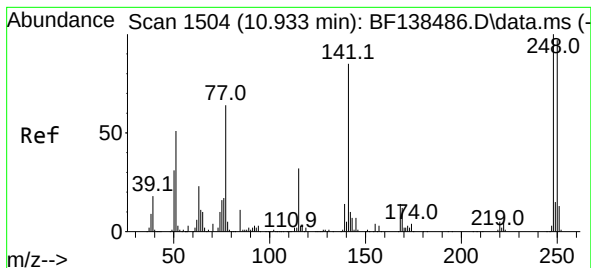
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#66
n-Nitrosodiphenylamine
Concen: 60.685 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

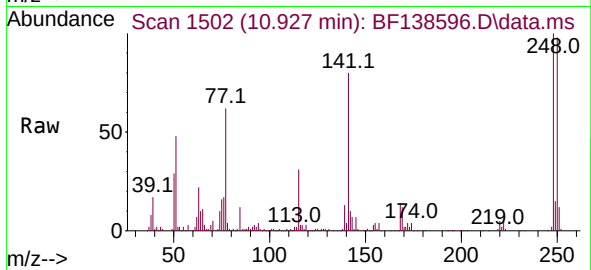
Tgt Ion:169 Resp: 412910
Ion Ratio Lower Upper
169 100
168 66.8 51.7 77.5
167 36.2 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 55.687 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

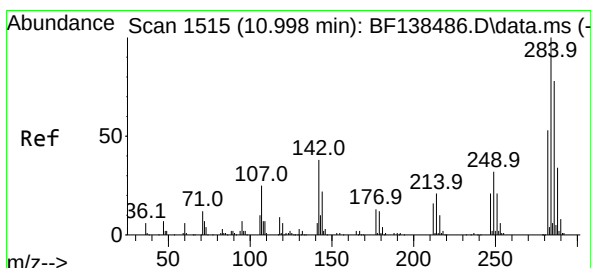
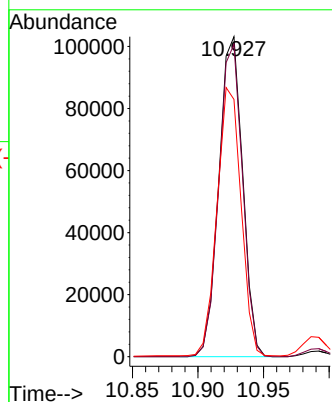
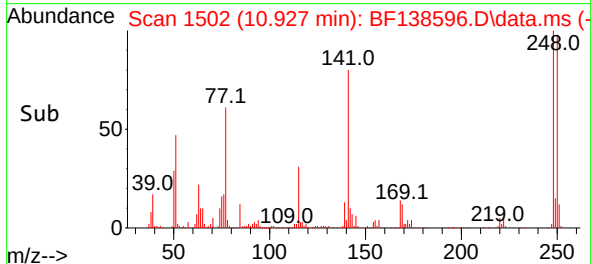
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



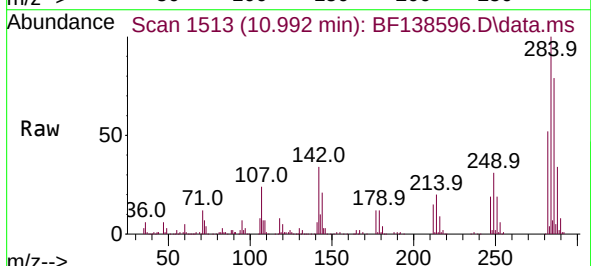
Tgt Ion:248 Resp: 129984
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 80.4 67.7 101.5

Manual Integrations
APPROVED

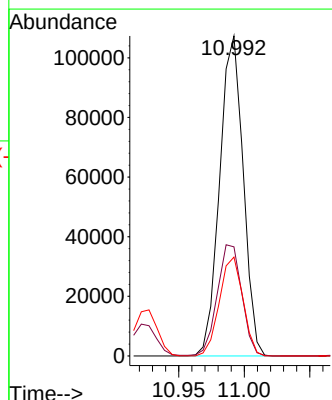
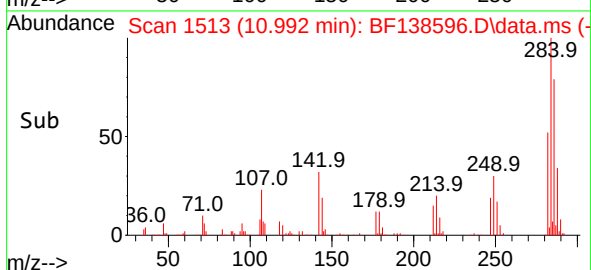
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

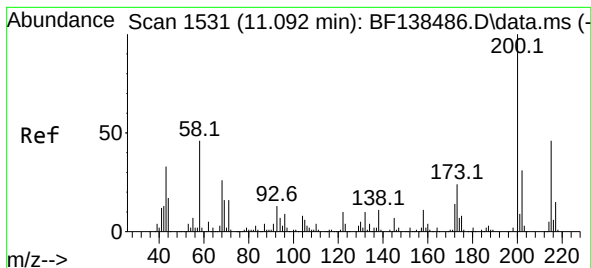


#68
Hexachlorobenzene
Concen: 51.615 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32



Tgt Ion:284 Resp: 133842
Ion Ratio Lower Upper
284 100
142 34.1 30.5 45.7
249 30.9 25.9 38.9





#69

Atrazine

Concen: 53.232 ng

RT: 11.080 min Scan# 11080

Delta R.T. -0.012 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion:200 Resp: 120084

Ion Ratio Lower Upper

200 100

173 26.1 4.1 44.1

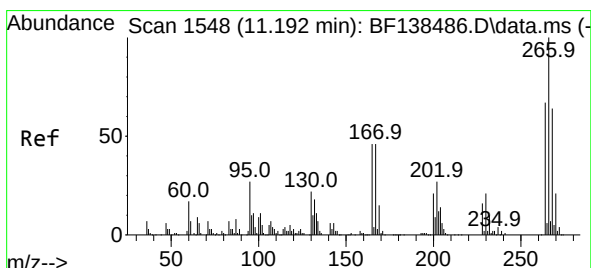
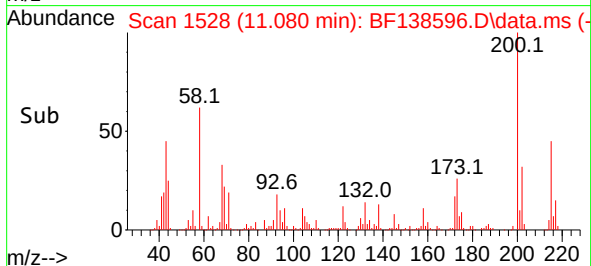
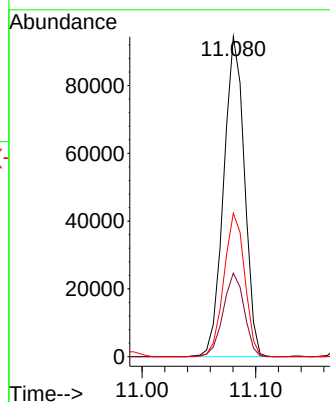
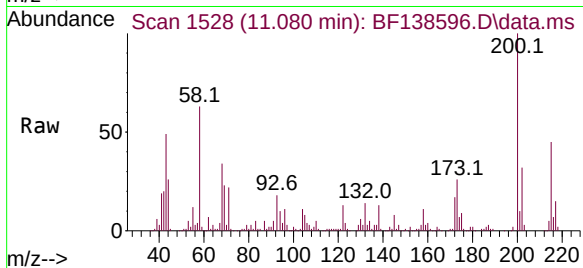
215 44.8 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#70

Pentachlorophenol

Concen: 92.335 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

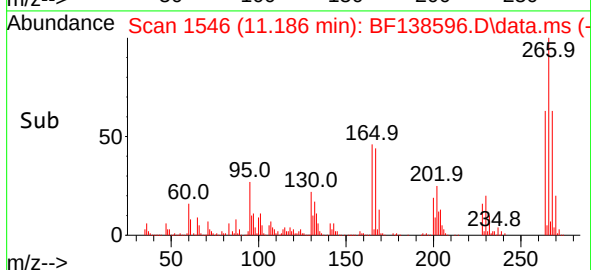
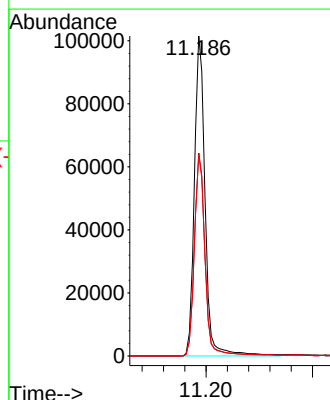
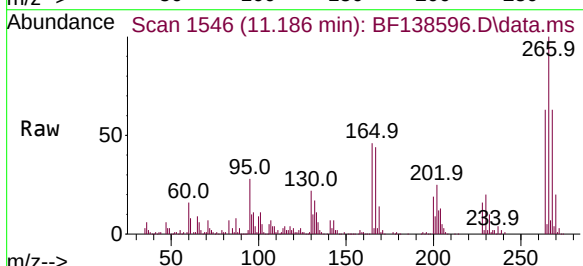
Tgt Ion:266 Resp: 141680

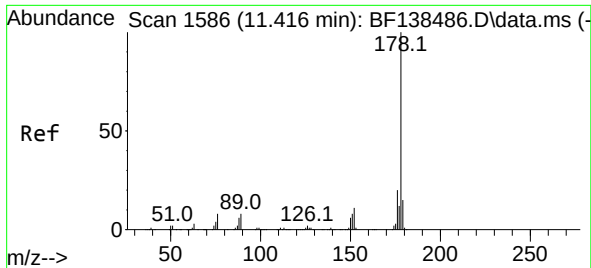
Ion Ratio Lower Upper

266 100

268 63.4 50.9 76.3

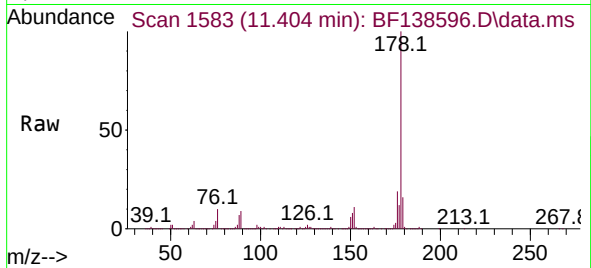
264 63.1 53.5 80.3





#71
Phenanthrene
Concen: 53.496 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

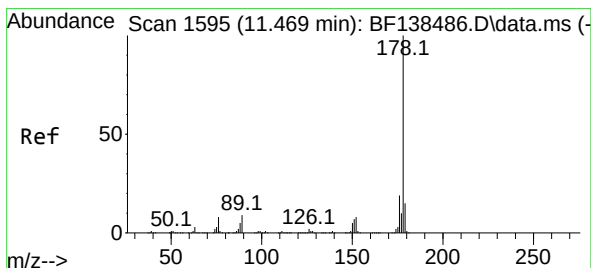
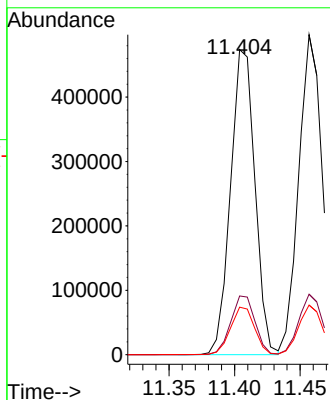
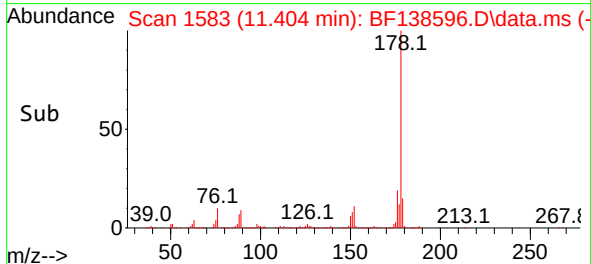
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



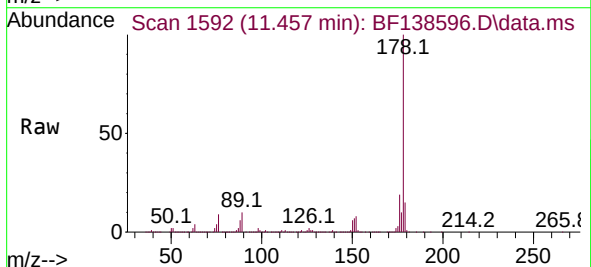
Tgt Ion:178 Resp: 613777
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.6 12.2 18.2

Manual Integrations
APPROVED

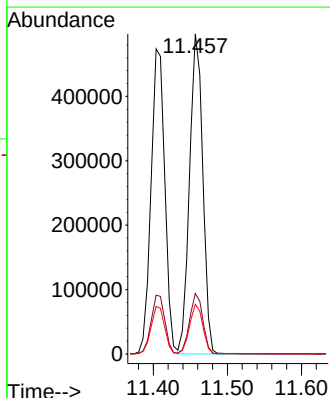
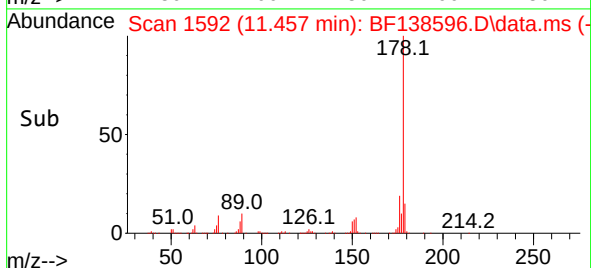
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

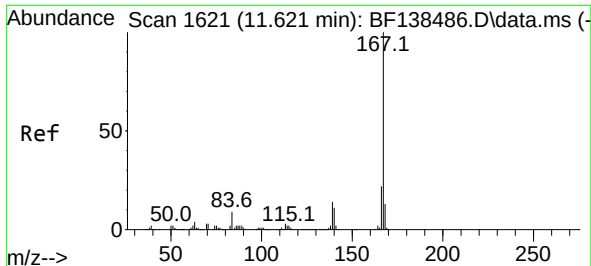


#72
Anthracene
Concen: 54.081 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32



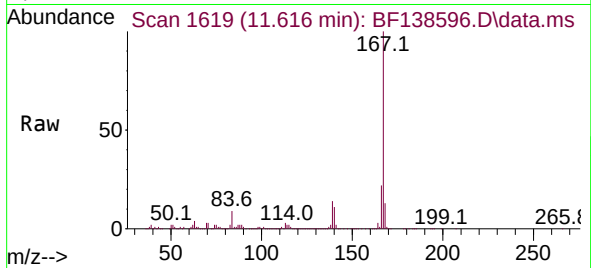
Tgt Ion:178 Resp: 615944
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 52.233 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138596.D
 Acq: 19 Jul 2024 18:32

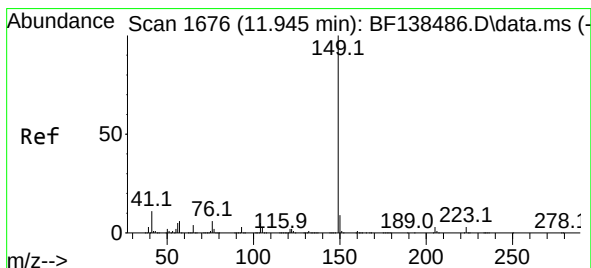
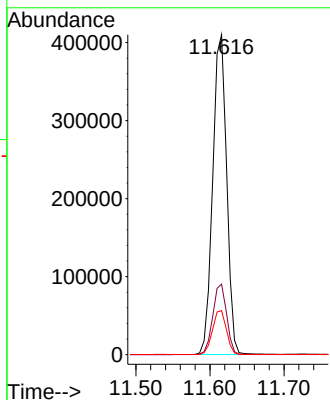
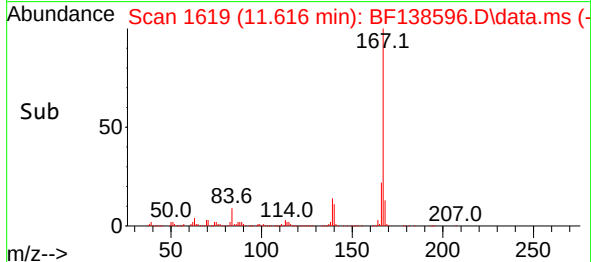
Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MS



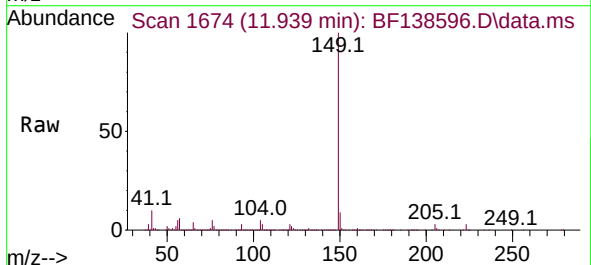
Tgt Ion:167 Resp: 534600
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.8 11.0 16.4

Manual Integrations
 APPROVED

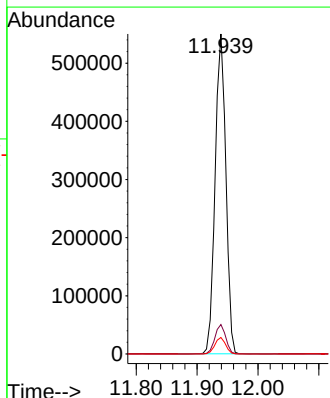
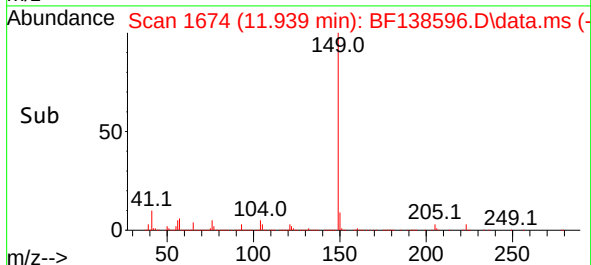
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

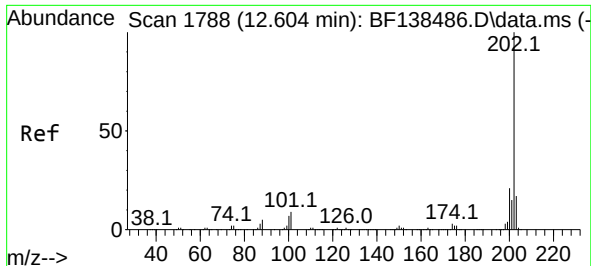


#74
 Di-n-butylphthalate
 Concen: 56.947 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138596.D
 Acq: 19 Jul 2024 18:32



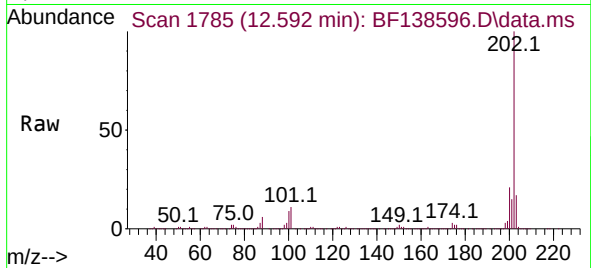
Tgt Ion:149 Resp: 671844
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 49.492 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

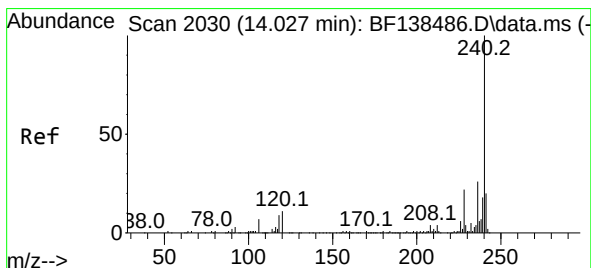
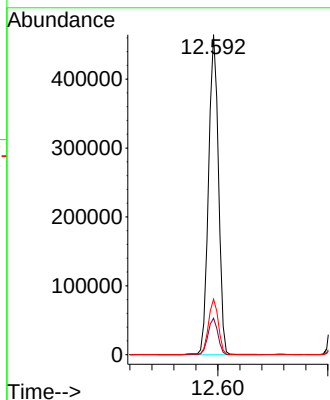
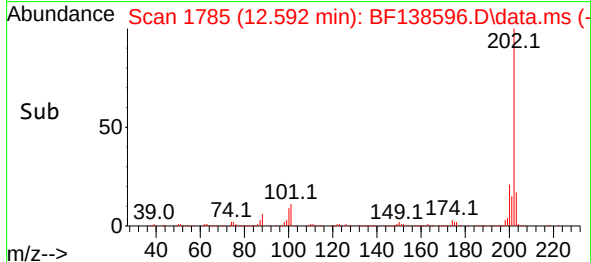
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



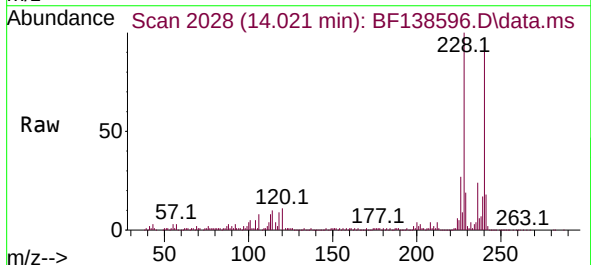
Tgt Ion:202 Resp: 579424
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.2
203 17.4 0.0 37.3

Manual Integrations
APPROVED

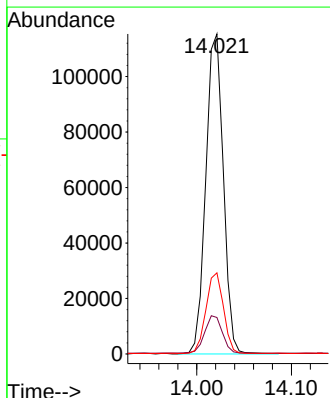
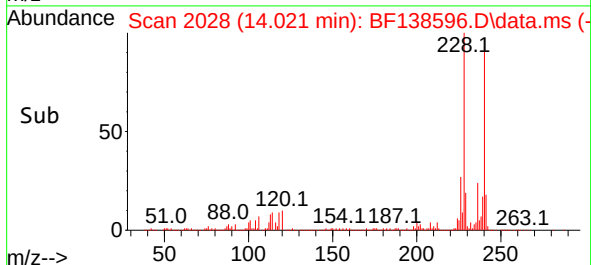
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

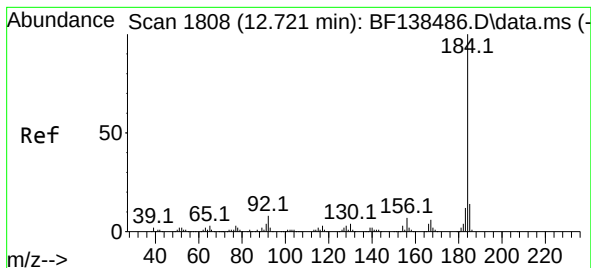


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32



Tgt Ion:240 Resp: 148886
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.3 21.0 31.6





#77

Benzidine

Concen: 42.663 ng

RT: 12.715 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion:184 Resp: 160259

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

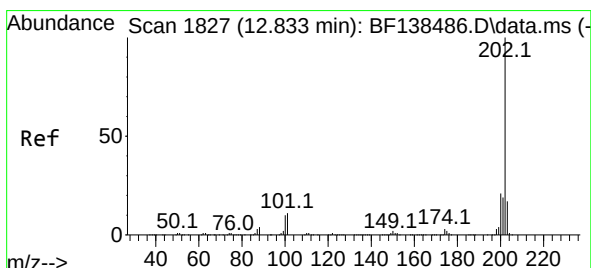
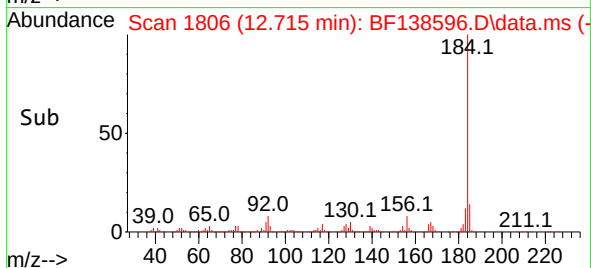
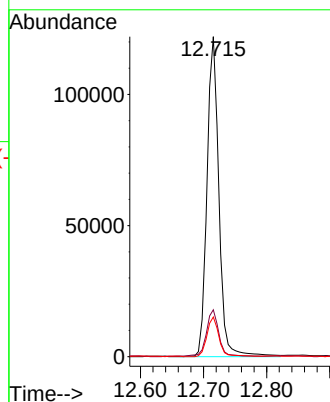
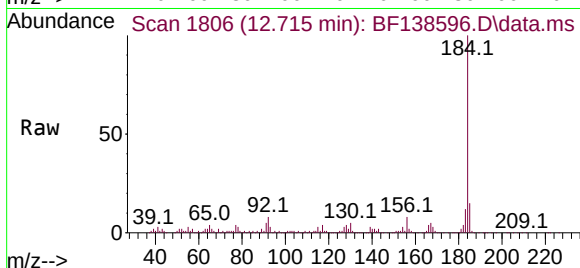
183 12.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#78

Pyrene

Concen: 38.792 ng

RT: 12.821 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

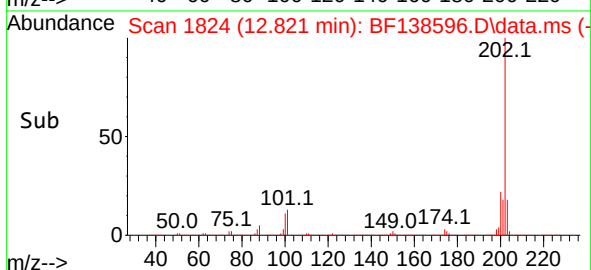
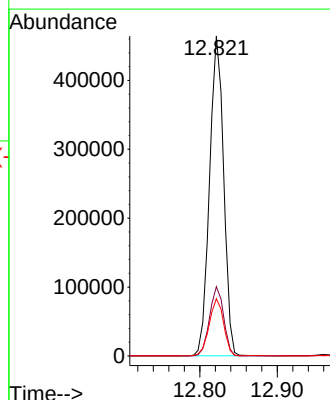
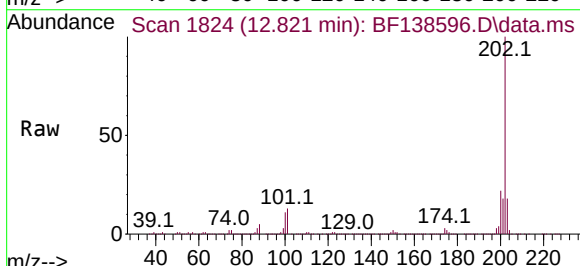
Tgt Ion:202 Resp: 586299

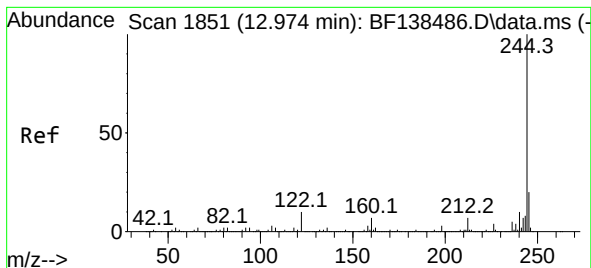
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 17.9 13.7 20.5





#79

Terphenyl-d14

Concen: 71.015 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138596.D

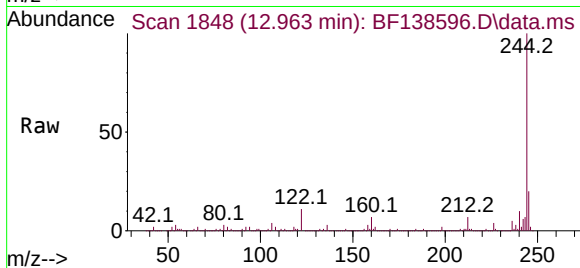
Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS



Tgt Ion:244 Resp: 649000

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

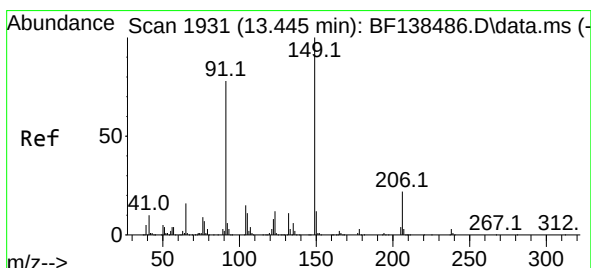
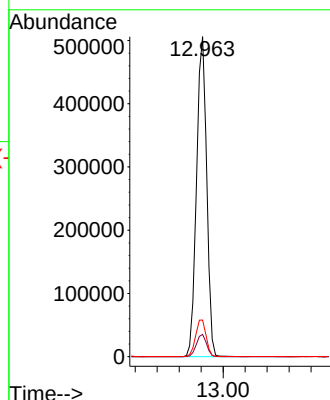
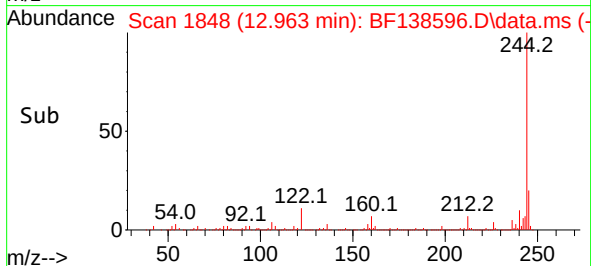
122 11.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#80

Butylbenzylphthalate

Concen: 55.574 ng

RT: 13.433 min Scan# 1928

Delta R.T. -0.012 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

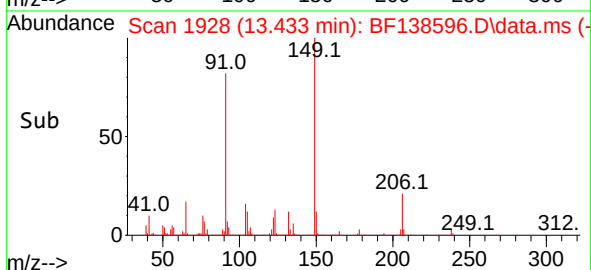
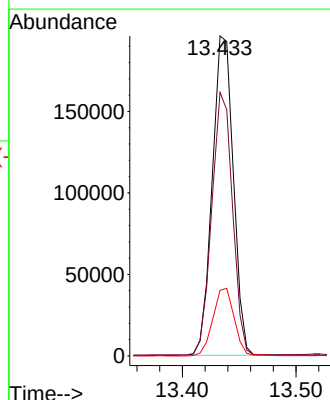
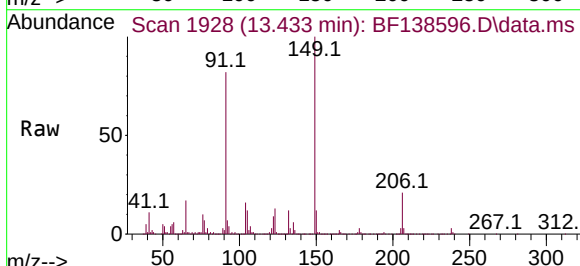
Tgt Ion:149 Resp: 252672

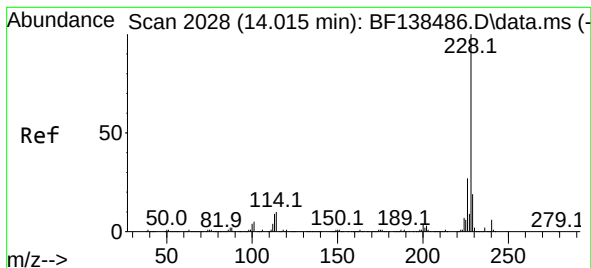
Ion Ratio Lower Upper

149 100

91 82.4 62.1 93.1

206 20.5 18.0 27.0





#81

Benzo(a)anthracene

Concen: 53.642 ng

RT: 14.010 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion:228 Resp: 53589

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

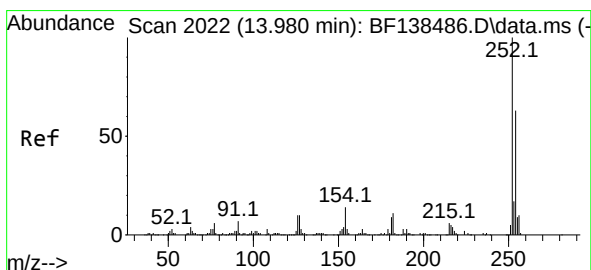
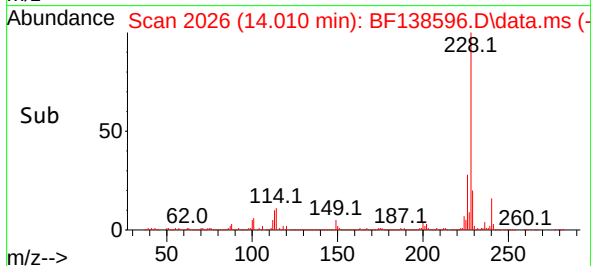
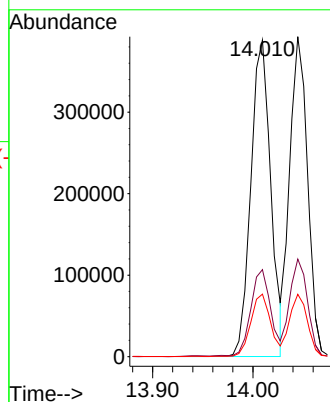
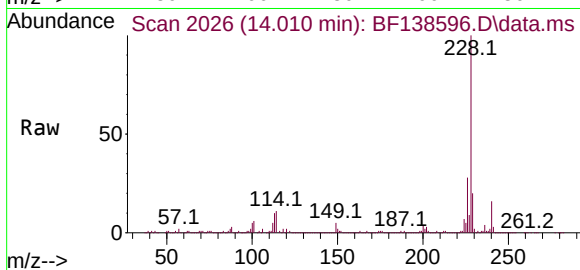
229 19.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.083 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

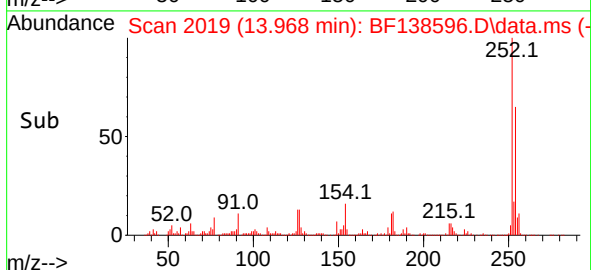
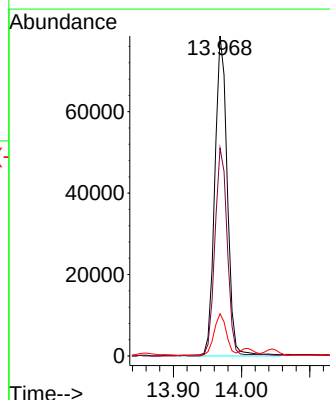
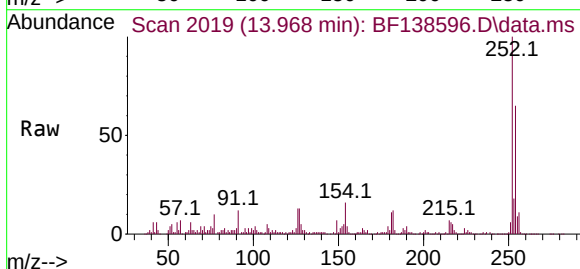
Tgt Ion:252 Resp: 100609

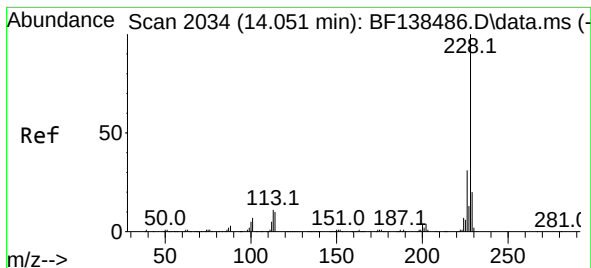
Ion Ratio Lower Upper

252 100

254 65.0 50.3 75.5

126 13.2 8.1 12.1#





#83

Chrysene

Concen: 51.815 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion:228 Resp: 489690

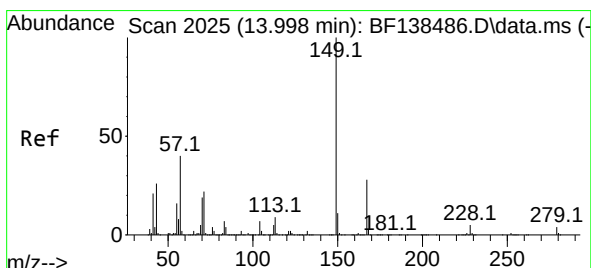
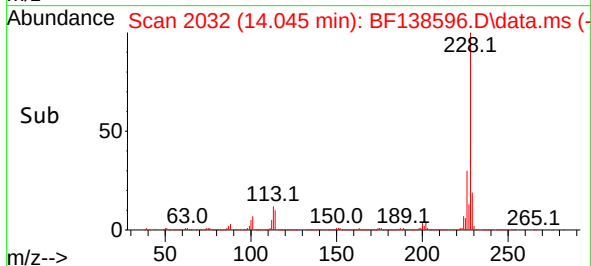
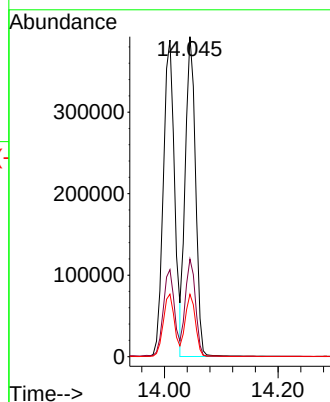
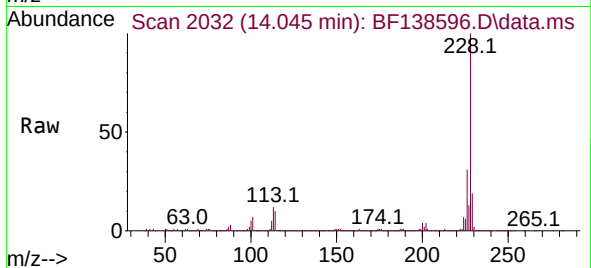
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.5	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 71.646 ng

RT: 13.992 min Scan# 2023

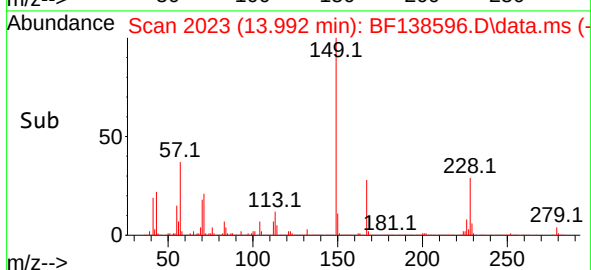
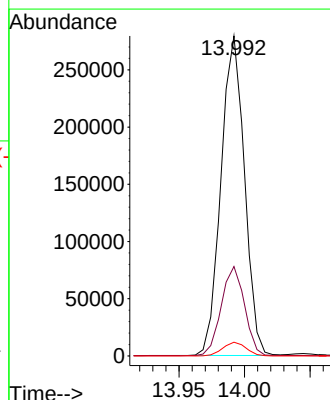
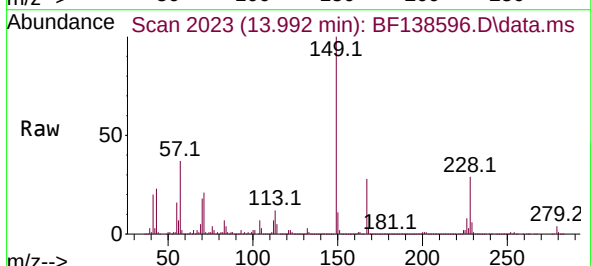
Delta R.T. -0.006 min

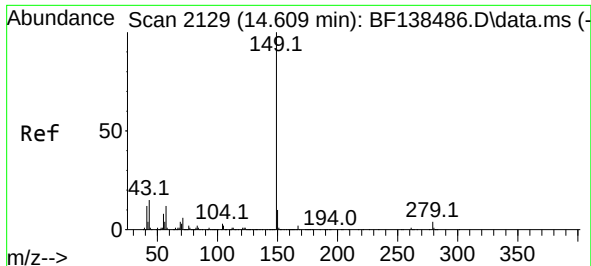
Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Tgt Ion:149 Resp: 347411

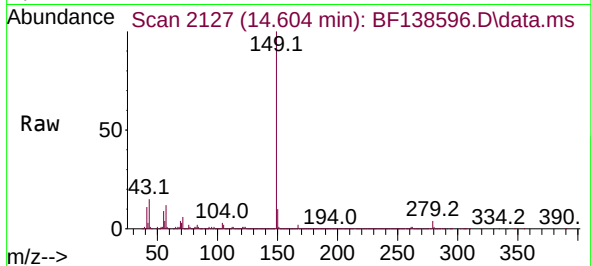
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	4.3	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 75.699 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

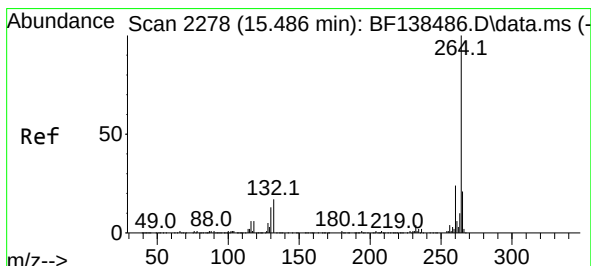
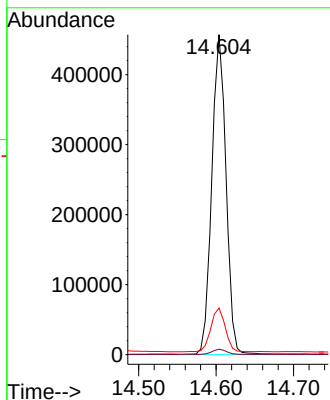
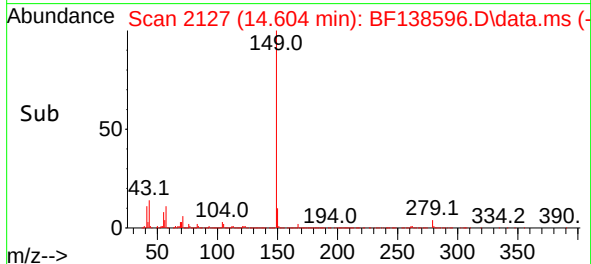
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion:149 Resp: 57987
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.9 10.7 16.1

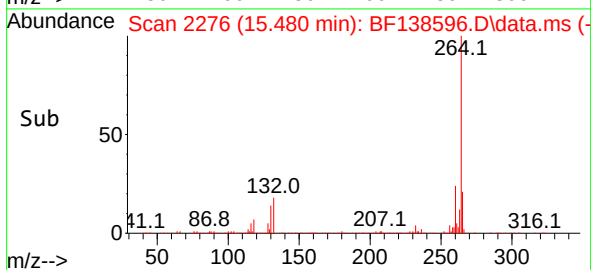
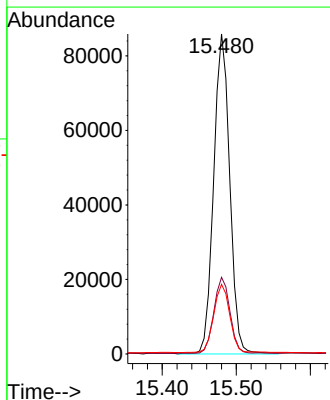
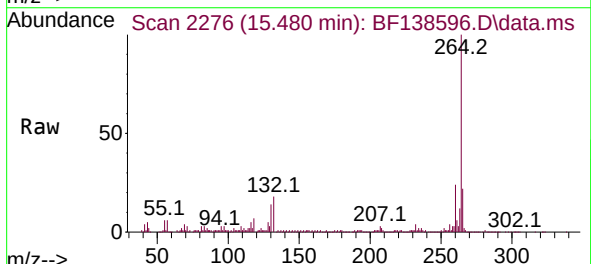
Manual Integrations
APPROVED

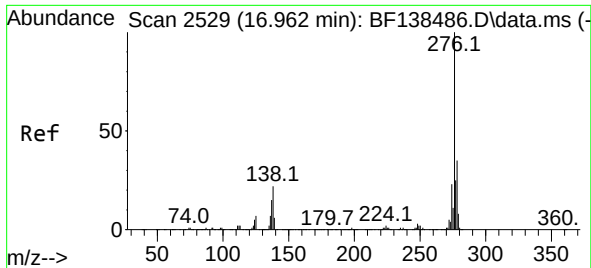
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

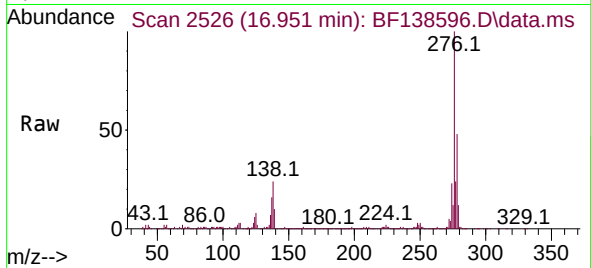
Tgt Ion:264 Resp: 129381
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.052 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

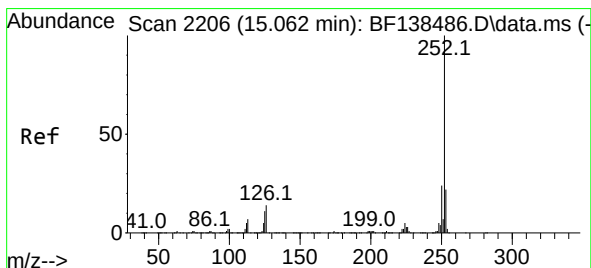
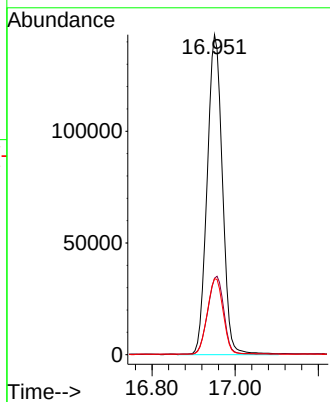
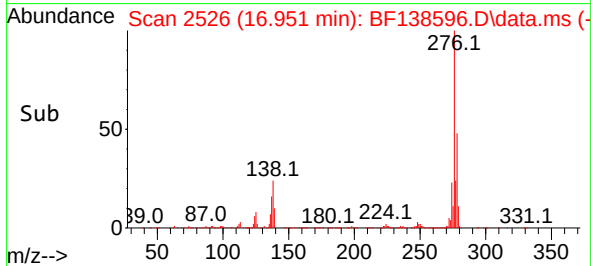
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion: 276 Resp: 36545
Ion Ratio Lower Upper
276 100
138 25.5 19.6 29.4
277 24.4 20.5 30.7

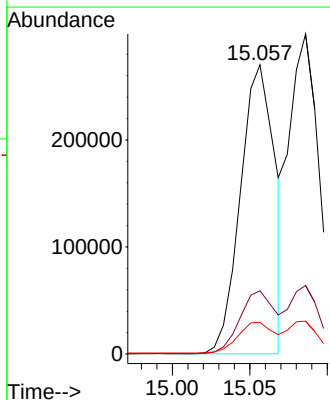
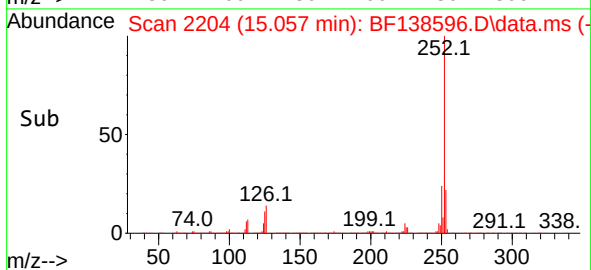
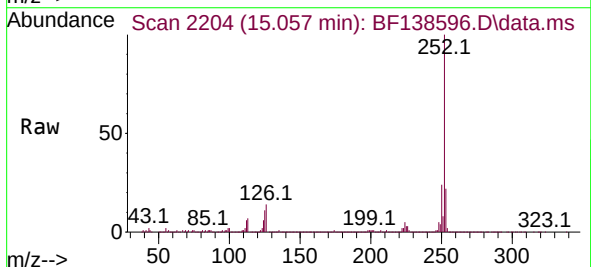
Manual Integrations
APPROVED

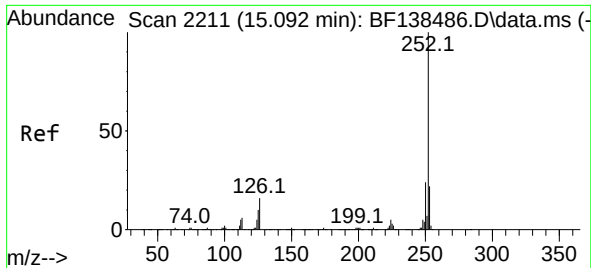
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#88
Benzo(b)fluoranthene
Concen: 56.978 ng
RT: 15.057 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

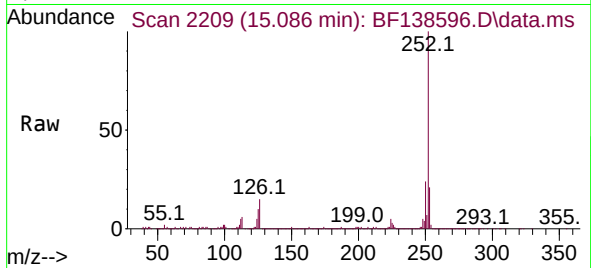
Tgt Ion: 252 Resp: 415165
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.9 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 56.971 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

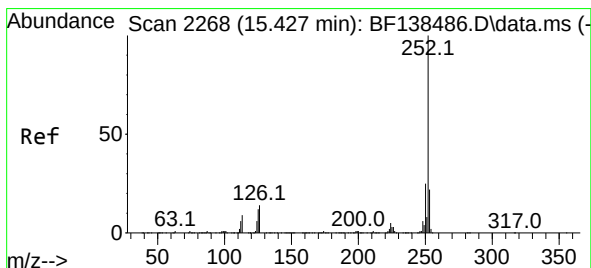
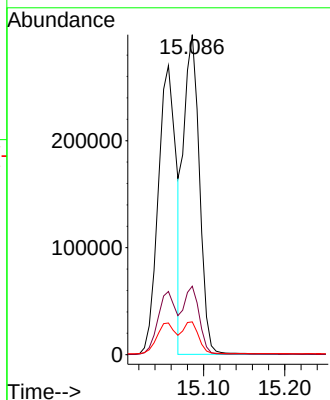
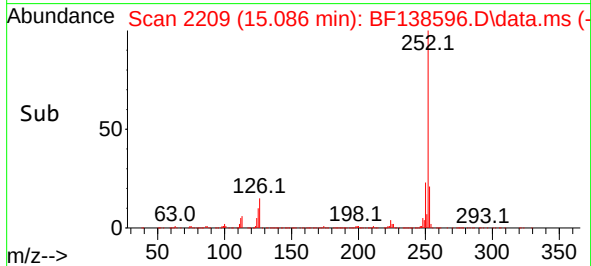
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MS



Tgt Ion:252 Resp: 404852
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.2 8.1 12.1

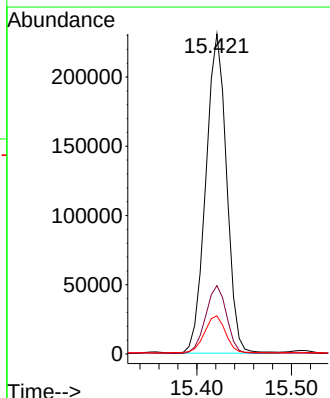
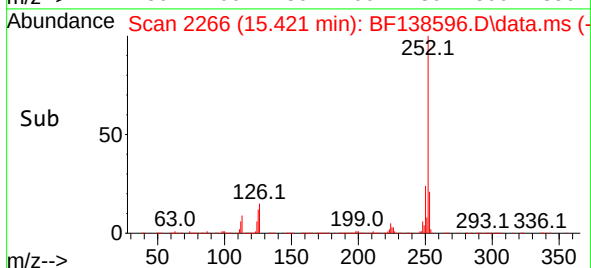
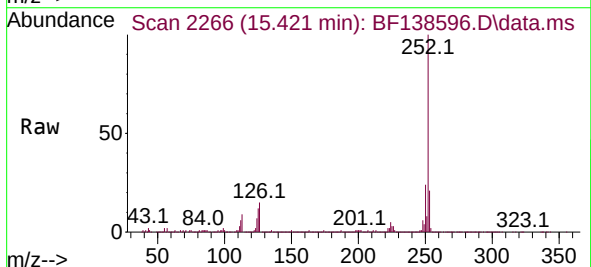
Manual Integrations
APPROVED

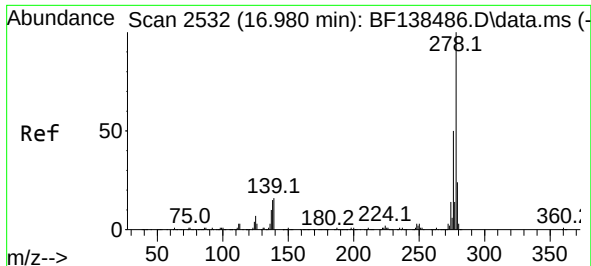
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#90
Benzo(a)pyrene
Concen: 54.813 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF138596.D
Acq: 19 Jul 2024 18:32

Tgt Ion:252 Resp: 350845
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 11.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 41.174 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MS

Tgt Ion: 278 Resp: 29270

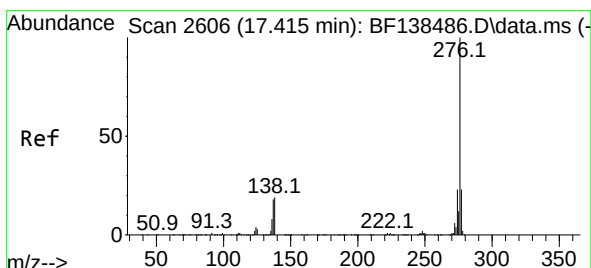
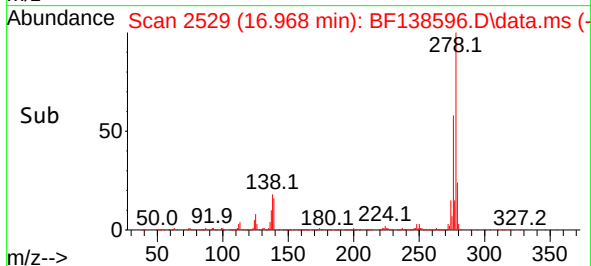
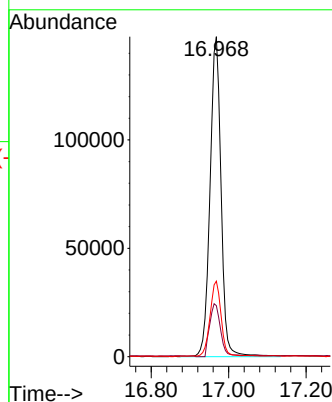
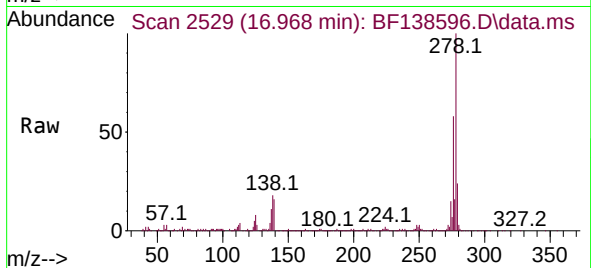
Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.6	19.1	28.7

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 07/20/2024

Supervised By : mohammad ahmed 07/22/2024



#92

Benzo(g,h,i)perylene

Concen: 36.336 ng

RT: 17.398 min Scan# 2602

Delta R.T. -0.018 min

Lab File: BF138596.D

Acq: 19 Jul 2024 18:32

Tgt Ion: 276 Resp: 273914

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.0	27.0
138	21.1	15.5	23.3

