

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138590.D
 Acq On : 19 Jul 2024 15:28
 Operator : RC/JU
 Sample : P3246-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02MS

Quant Time: Jul 19 15:58:40 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	77647	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	323301	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	178986	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	309299	20.000	ng	0.00
76) Chrysene-d12	14.021	240	154688	20.000	ng	0.00
86) Perylene-d12	15.480	264	174593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	560708	114.367	ng	0.00
7) Phenol-d6	6.498	99	779864	119.573	ng	0.00
23) Nitrobenzene-d5	7.422	82	484002	73.502	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	188617	112.755	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	796849	69.581	ng	-0.01
79) Terphenyl-d14	12.963	244	754488	79.460	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	97507	44.906	ng	99
3) Pyridine	3.463	79	233551	43.615	ng	98
4) n-Nitrosodimethylamine	3.416	42	188986	54.215	ng	92
6) Aniline	6.522	93	246677	40.380	ng	# 42
8) 2-Chlorophenol	6.645	128	285971	55.163	ng	96
9) Benzaldehyde	6.410	77	27060	7.751	ng	96
10) Phenol	6.516	94	375779	54.281	ng	87
11) bis(2-Chloroethyl)ether	6.598	93	279158	53.559	ng	98
12) 1,3-Dichlorobenzene	6.798	146	287265	49.297	ng	98
13) 1,4-Dichlorobenzene	6.875	146	293796	49.649	ng	98
14) 1,2-Dichlorobenzene	7.028	146	277888	50.422	ng	97
15) Benzyl Alcohol	7.004	79	276890	56.570	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	515714	50.314	ng	69
17) 2-Methylphenol	7.116	107	227379	53.518	ng	94
18) Hexachloroethane	7.369	117	110420	50.759	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	219099	54.367	ng	94
20) 3+4-Methylphenols	7.269	107	288369	53.899	ng	91
22) Acetophenone	7.269	105	361874	46.086	ng	97
24) Nitrobenzene	7.445	77	325168	48.593	ng	96
25) Isophorone	7.681	82	592359	52.383	ng	100
26) 2-Nitrophenol	7.757	139	152482	53.166	ng	95
27) 2,4-Dimethylphenol	7.798	122	197849m	56.127	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	341177	50.483	ng	100
29) 2,4-Dichlorophenol	8.004	162	233219	50.949	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	245679	46.072	ng	98
31) Naphthalene	8.163	128	831208	49.435	ng	99
32) Benzoic acid	7.934	122	148320	44.116	ng	94
33) 4-Chloroaniline	8.210	127	142072	24.082	ng	99
34) Hexachlorobutadiene	8.275	225	138644	42.222	ng	99
35) Caprolactam	8.592	113	76537m	51.815	ng	
36) 4-Chloro-3-methylphenol	8.704	107	270311	52.747	ng	99
37) 2-Methylnaphthalene	8.857	142	530848	49.060	ng	99
38) 1-Methylnaphthalene	8.957	142	487511	46.165	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	218130	43.727	ng	98
41) Hexachlorocyclopentadiene	9.004	237	189488	117.029	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	155503	48.869	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	166891	47.685	ng	95
46) 1,1'-Biphenyl	9.322	154	613052	45.196	ng	99
47) 2-Chloronaphthalene	9.345	162	487690	47.592	ng	98
48) 2-Nitroaniline	9.445	65	194425	54.752	ng	97
49) Acenaphthylene	9.763	152	784746	53.939	ng	100
50) Dimethylphthalate	9.622	163	590975	51.062	ng	99
51) 2,6-Dinitrotoluene	9.686	165	130598	49.009	ng	90
52) Acenaphthene	9.933	154	494753	51.159	ng	99
53) 3-Nitroaniline	9.857	138	100266	36.711	ng	90
54) 2,4-Dinitrophenol	9.963	184	136742	94.702	ng	97
55) Dibenzofuran	10.104	168	699358	49.857	ng	99
56) 4-Nitrophenol	10.028	139	204942	101.695	ng	97
57) 2,4-Dinitrotoluene	10.092	165	177343	51.436	ng	94
58) Fluorene	10.445	166	550068	49.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	136753	49.510	ng	96
60) Diethylphthalate	10.322	149	564363	50.582	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	259936	46.639	ng	95
62) 4-Nitroaniline	10.475	138	144554	52.817	ng	97
63) Azobenzene	10.598	77	624893	52.093	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	103488	57.947	ng	78
66) n-Nitrosodiphenylamine	10.557	169	476607	51.432	ng	97
67) 4-Bromophenyl-phenylether	10.928	248	152057	47.831	ng	98
68) Hexachlorobenzene	10.992	284	170983	48.415	ng	98
69) Atrazine	11.086	200	146587	47.711	ng	98
70) Pentachlorophenol	11.192	266	187001	89.484	ng	97
71) Phenanthrene	11.410	178	811591	51.938	ng	99
72) Anthracene	11.463	178	815648	52.584	ng	99
73) Carbazole	11.616	167	707969	50.788	ng	100
74) Di-n-butylphthalate	11.939	149	854145	53.159	ng	100
75) Fluoranthene	12.598	202	759244	47.617	ng	98
77) Benzidine	12.716	184	76199	19.524	ng	98
78) Pyrene	12.822	202	747016	47.572	ng	99
80) Butylbenzylphthalate	13.439	149	279185	59.103	ng	97
81) Benzo(a)anthracene	14.010	228	543420	52.355	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	114723	42.894	ng	# 96
83) Chrysene	14.045	228	505614	51.493	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	346786	68.835	ng	99
85) Di-n-octyl phthalate	14.604	149	554232	69.639	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	604226	51.522	ng	99
88) Benzo(b)fluoranthene	15.057	252	538213	54.738	ng	100
89) Benzo(k)fluoranthene	15.086	252	433523	45.208	ng	99
90) Benzo(a)pyrene	15.427	252	463692	53.684	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	479414	49.975	ng	99
92) Benzo(g,h,i)perylene	17.404	276	470196	46.222	ng	96

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

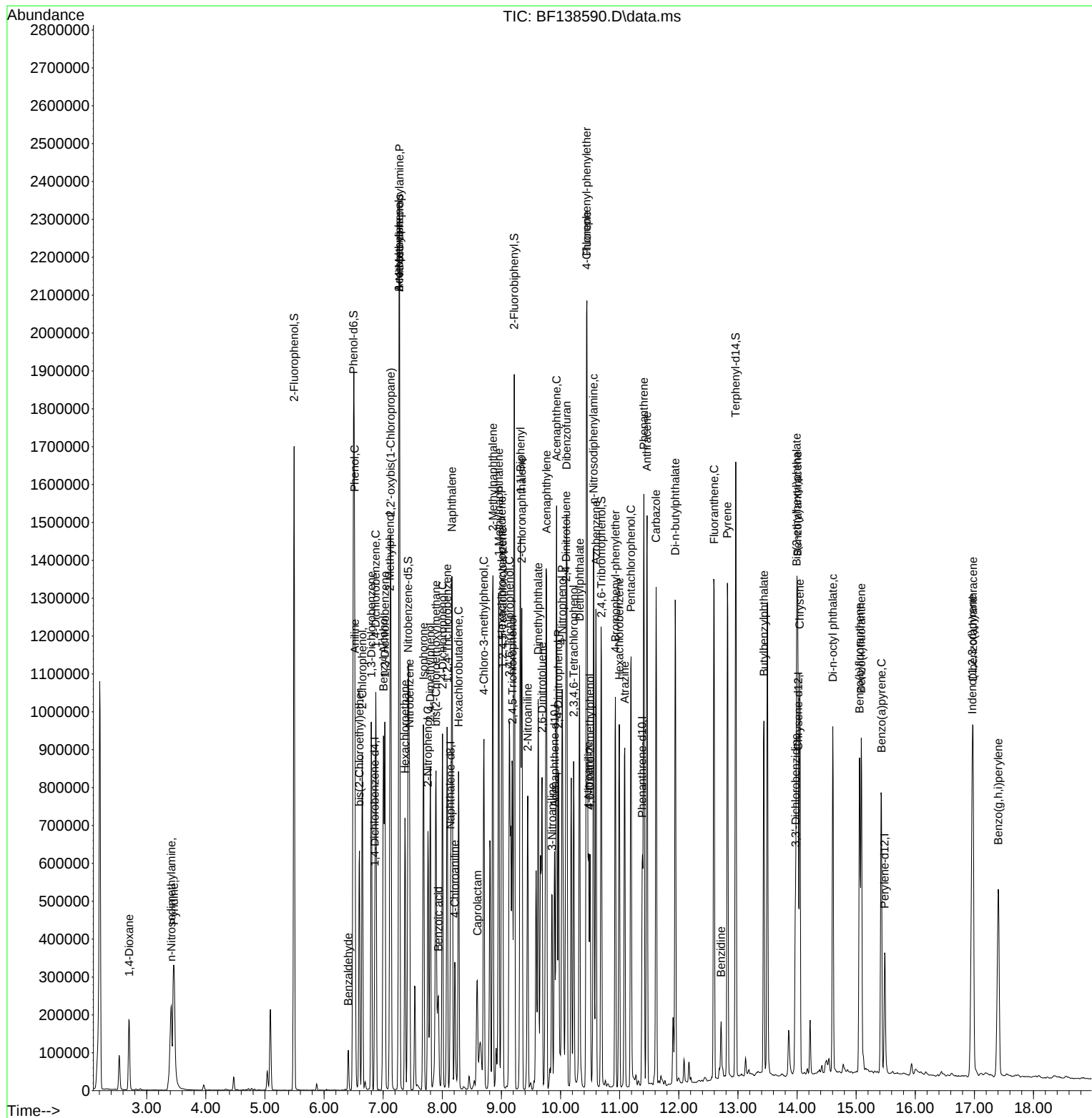
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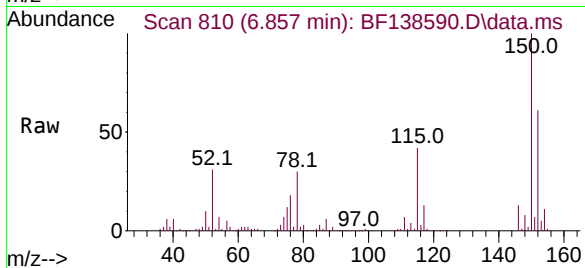
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

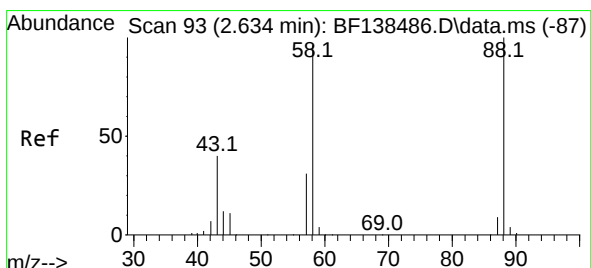
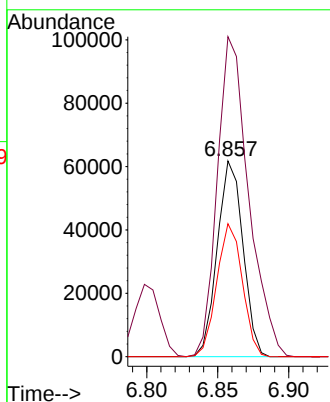
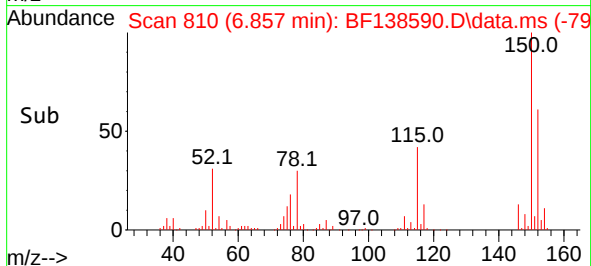
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:152 Resp: 7764
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.4
115 67.9 50.3 75.5

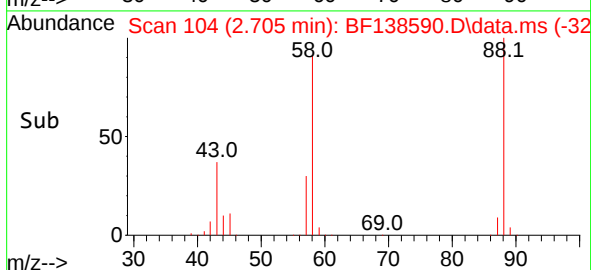
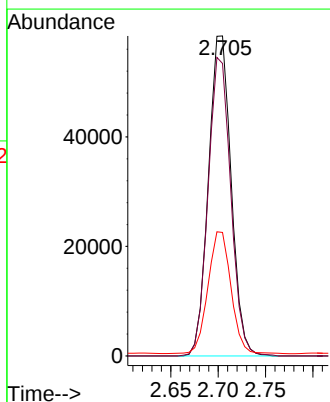
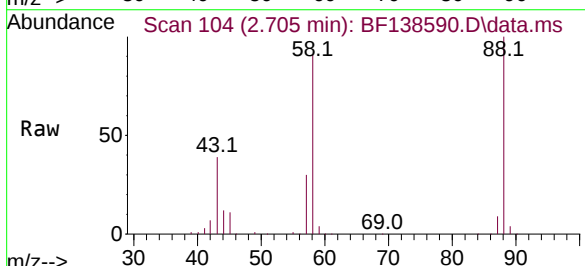
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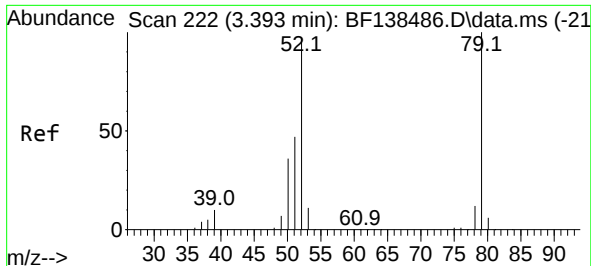
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#2
1,4-Dioxane
Concen: 44.906 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.071 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

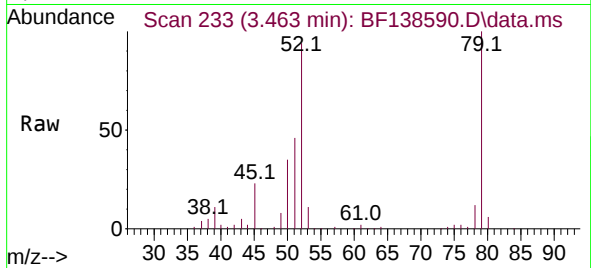
Tgt Ion: 88 Resp: 97507
Ion Ratio Lower Upper
88 100
58 93.2 74.6 112.0
43 38.7 31.8 47.6





#3
Pyridine
Concen: 43.615 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

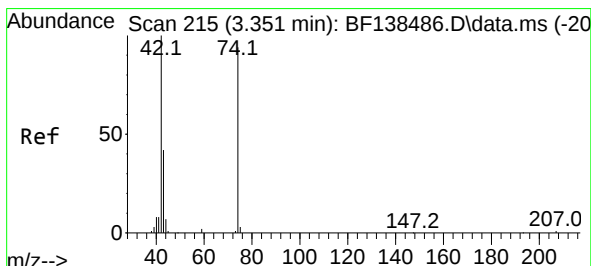
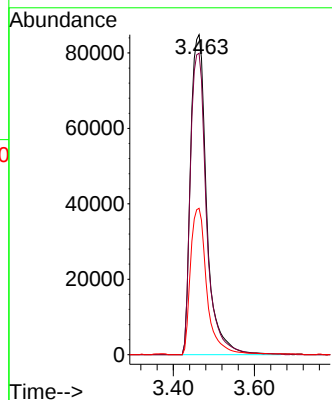
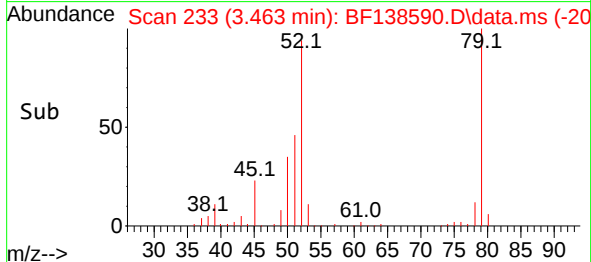
Instrument :
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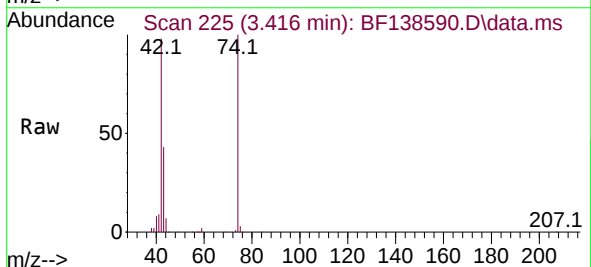
Tgt Ion: 79 Resp: 23355
Ion Ratio Lower Upper
79 100
52 94.2 77.4 116.2
51 45.7 37.4 56.0

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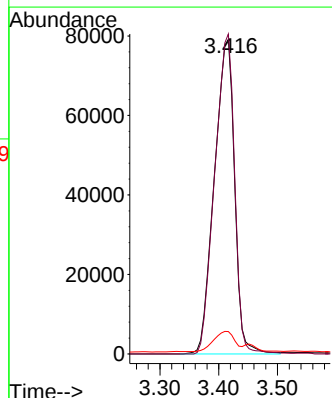
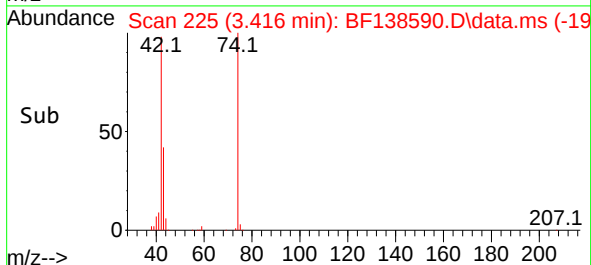
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#4
n-Nitrosodimethylamine
Concen: 54.215 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.065 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



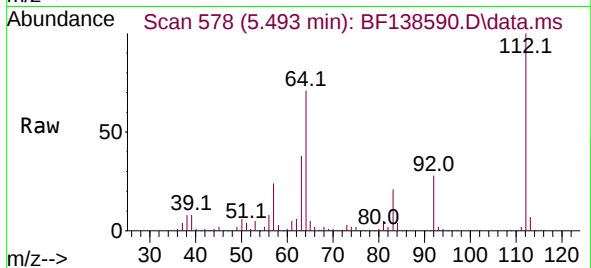
Tgt Ion: 42 Resp: 188986
Ion Ratio Lower Upper
42 100
74 101.7 75.0 112.6
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 114.367 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

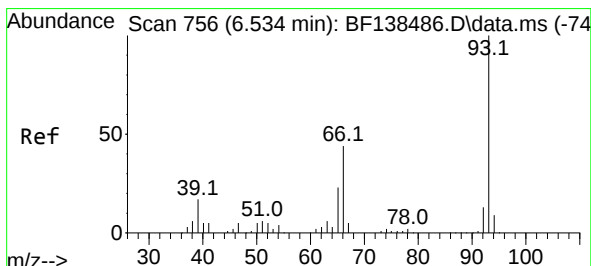
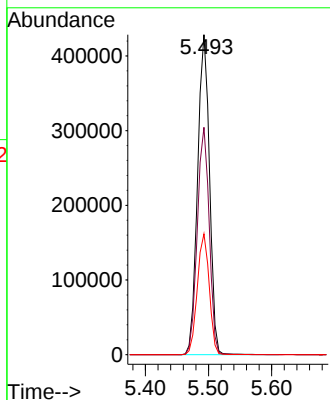
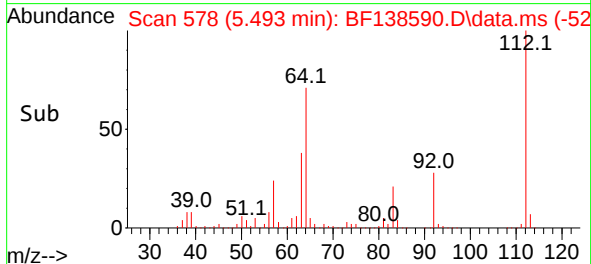
Instrument :
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Tgt Ion:112 Resp: 560708
Ion Ratio Lower Upper
112 100
64 71.1 55.1 82.7
63 37.8 29.0 43.6

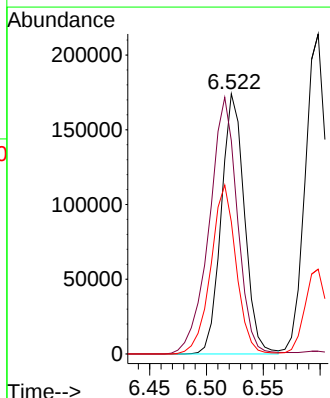
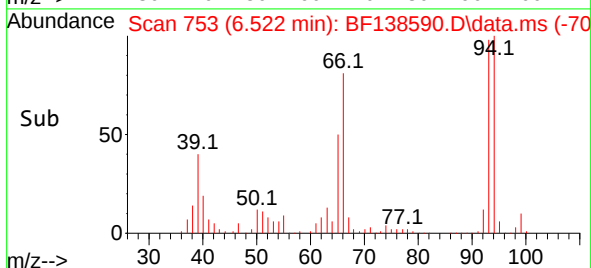
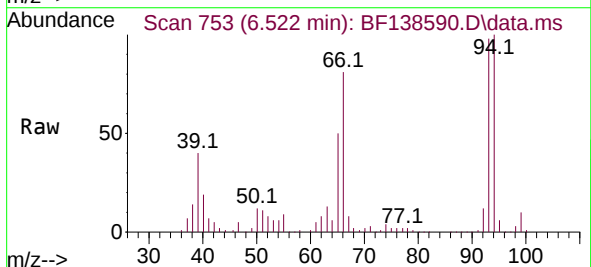
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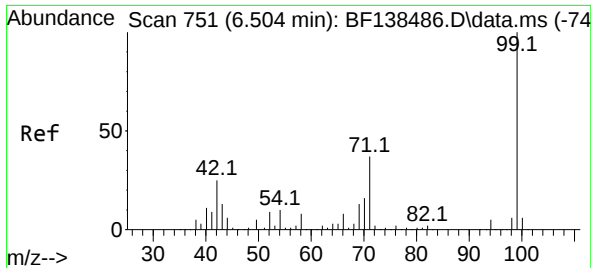
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#6
Aniline
Concen: 40.380 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

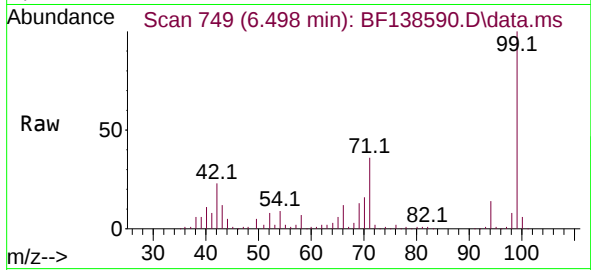
Tgt Ion: 93 Resp: 246677
Ion Ratio Lower Upper
93 100
66 82.0 35.4 53.0#
65 50.8 18.6 27.8#





#7
Phenol-d6
Concen: 119.573 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

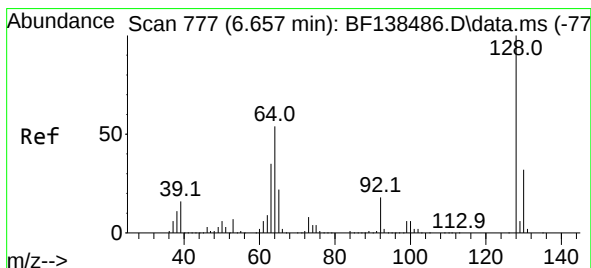
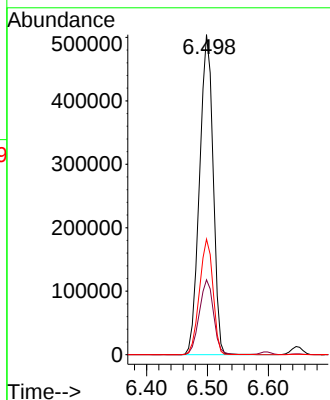
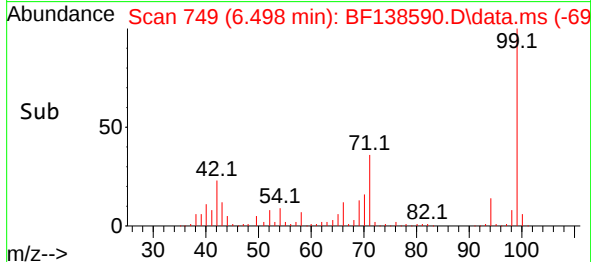
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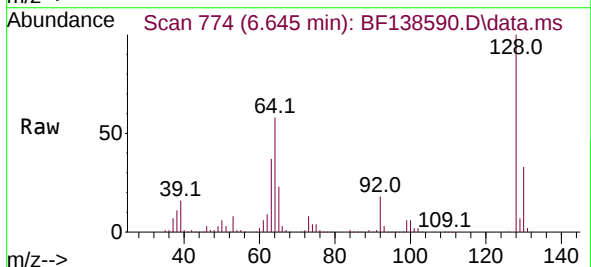
Tgt Ion: 99 Resp: 779864
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 36.1 29.9 44.9

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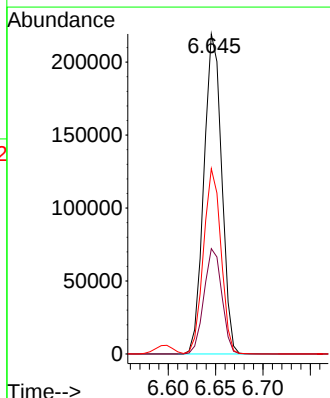
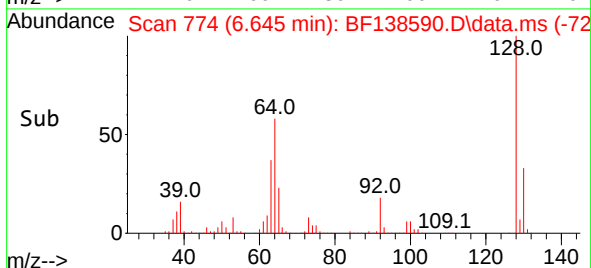
Reviewed By :Yogesh Patel 07/20/2024
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#8
2-Chlorophenol
Concen: 55.163 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



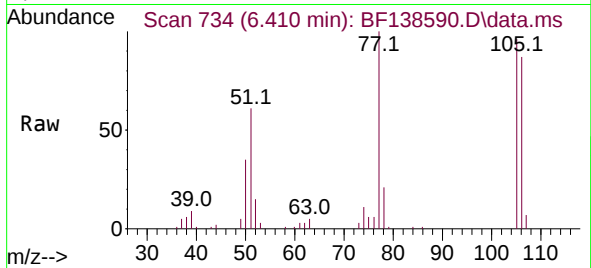
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Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 57.9 34.4 74.4





#9
Benzaldehyde
Concen: 7.751 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138590.D
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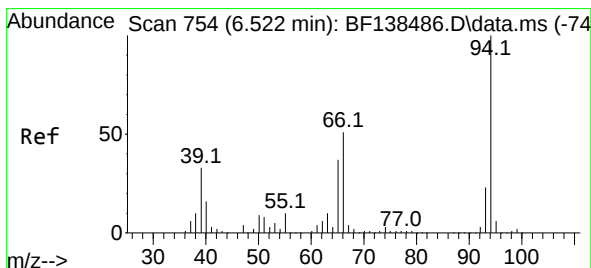
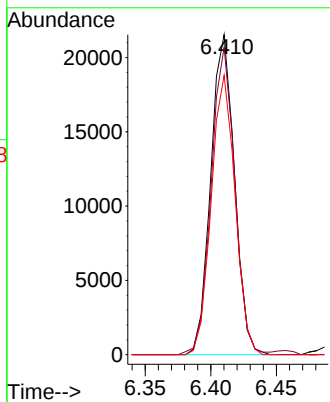
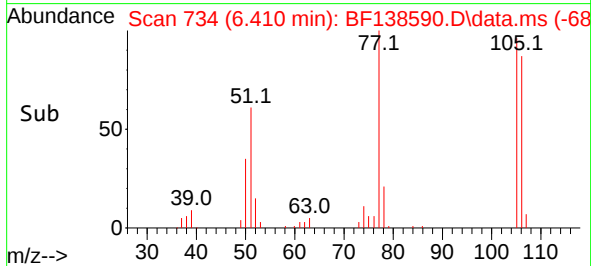
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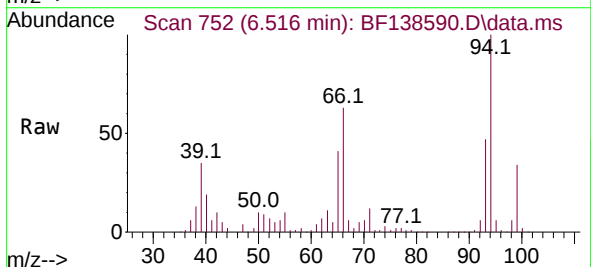
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Ion Ratio Lower Upper
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106 87.3 73.2 113.2

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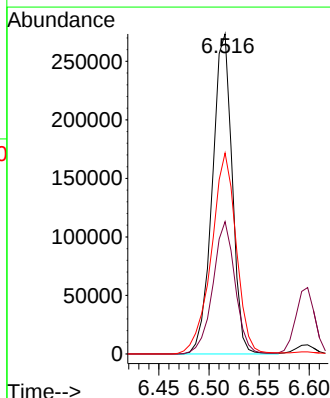
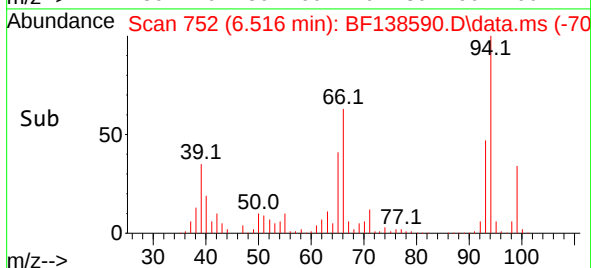
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

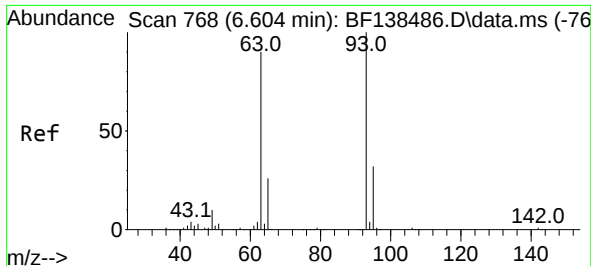


#10
Phenol
Concen: 54.281 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



Tgt Ion: 94 Resp: 375779
Ion Ratio Lower Upper
94 100
65 41.3 16.7 56.7
66 62.8 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 53.559 ng

RT: 6.598 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

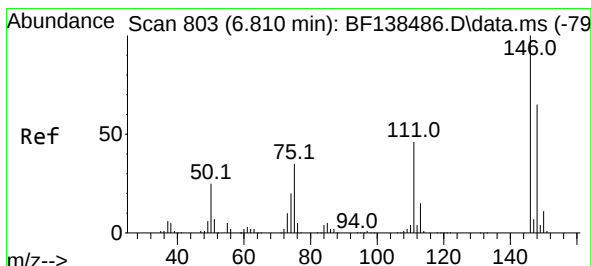
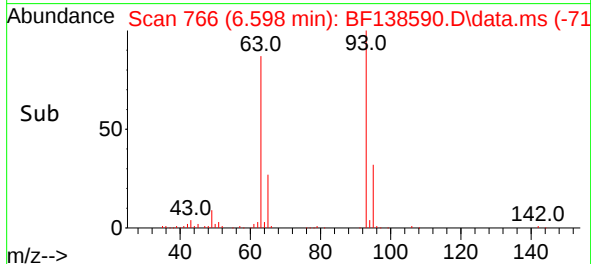
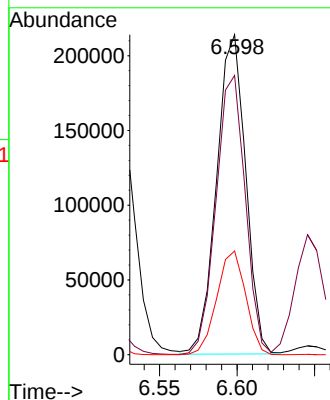
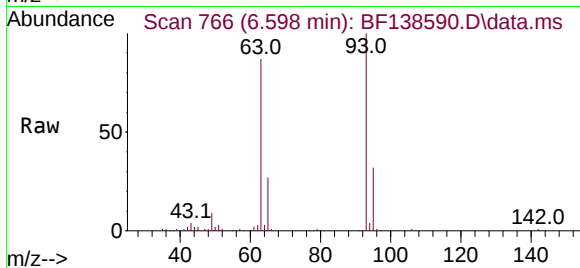
Tgt Ion: 93 Resp: 279158
 Ion Ratio Lower Upper
 93 100
 63 87.2 68.8 108.8
 95 32.4 11.8 51.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#12

1,3-Dichlorobenzene

Concen: 49.297 ng

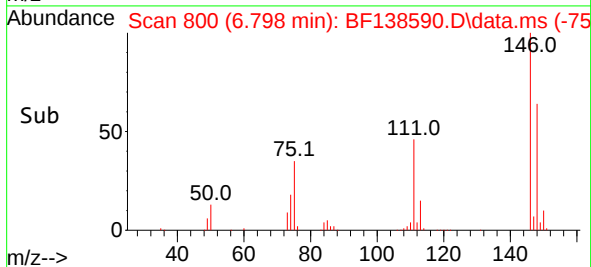
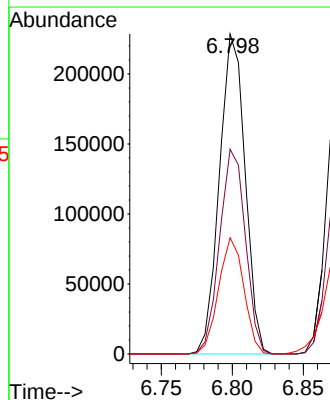
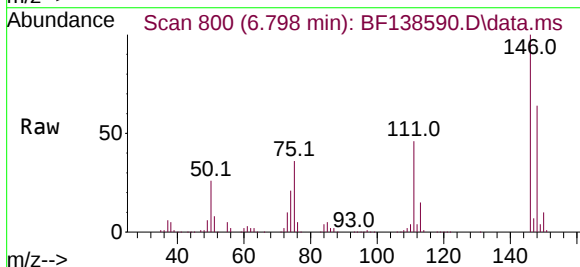
RT: 6.798 min Scan# 800

Delta R.T. -0.012 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Tgt Ion:146 Resp: 287265
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.4 78.6
 75 36.3 27.8 41.8





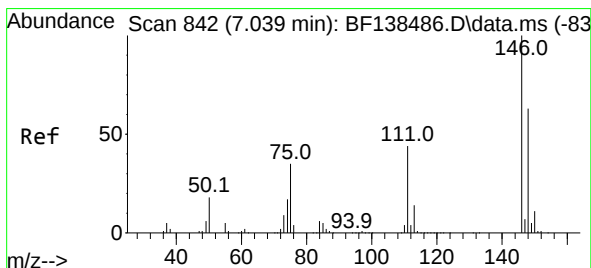
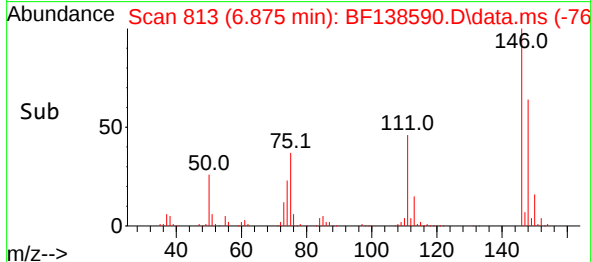
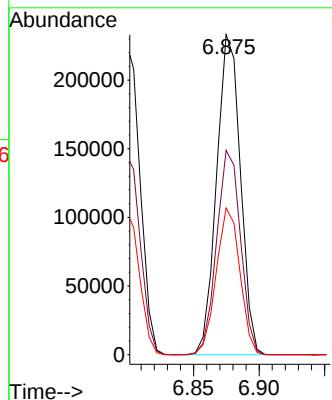
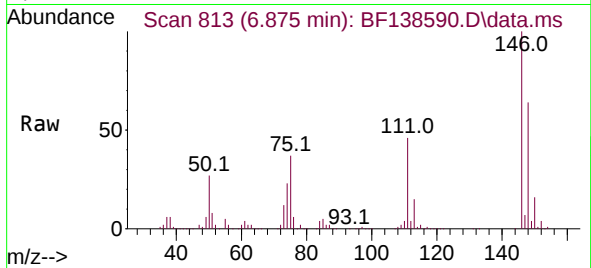
#13
1,4-Dichlorobenzene
Concen: 49.649 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS

Tgt Ion:146 Resp: 293790
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 45.8 34.9 52.3

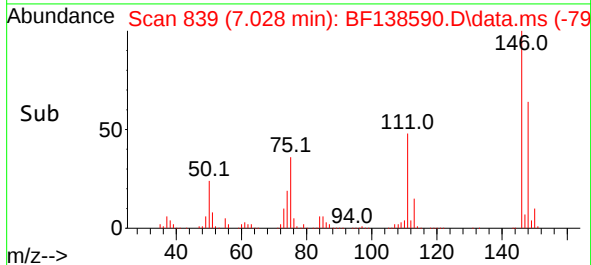
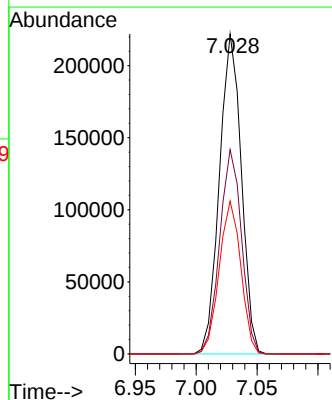
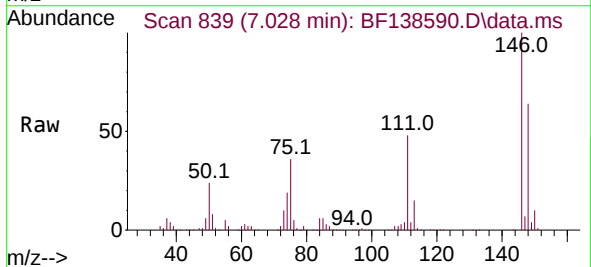
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 50.422 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

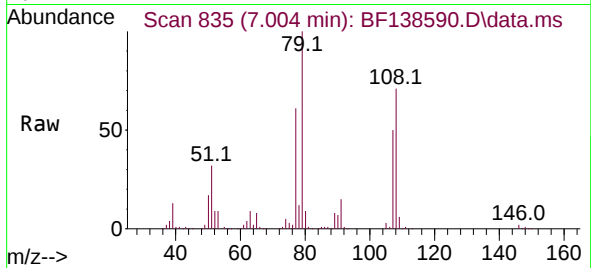
Tgt Ion:146 Resp: 277888
Ion Ratio Lower Upper
146 100
148 63.9 50.1 75.1
111 47.7 35.5 53.3





#15
Benzyl Alcohol
Concen: 56.570 ng
RT: 7.004 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

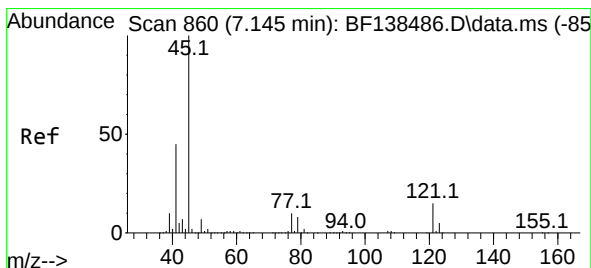
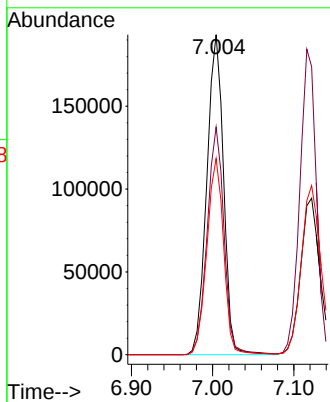
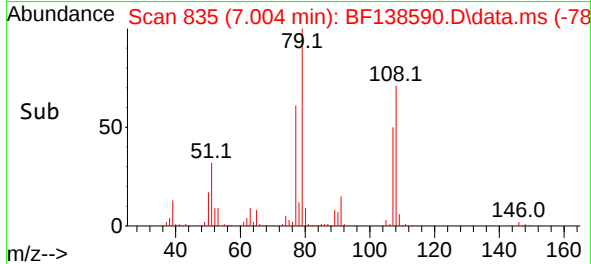
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion: 79 Resp: 276890
Ion Ratio Lower Upper
79 100
108 71.1 54.3 81.5
77 61.3 50.0 75.0

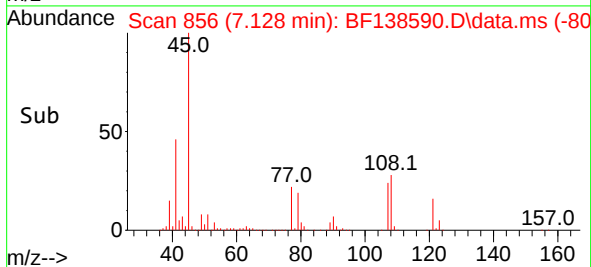
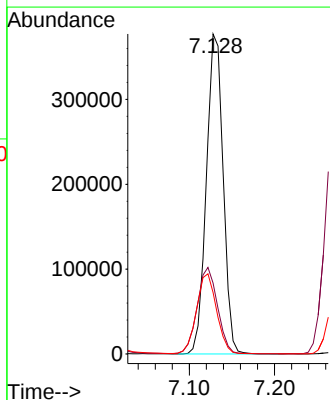
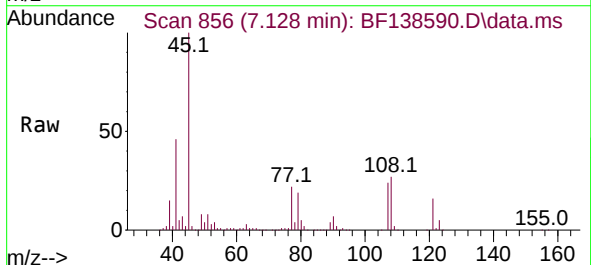
Manual Integrations
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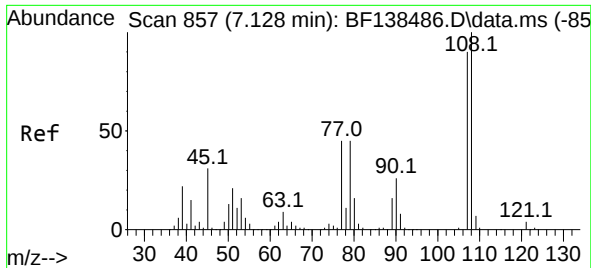
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.314 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.017 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

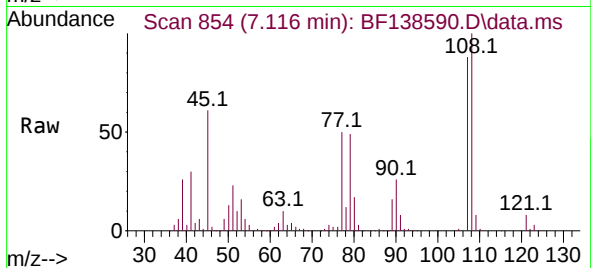
Tgt Ion: 45 Resp: 515714
Ion Ratio Lower Upper
45 100
77 22.2 0.0 30.4
79 19.2 0.0 28.1





#17
2-Methylphenol
Concen: 53.518 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

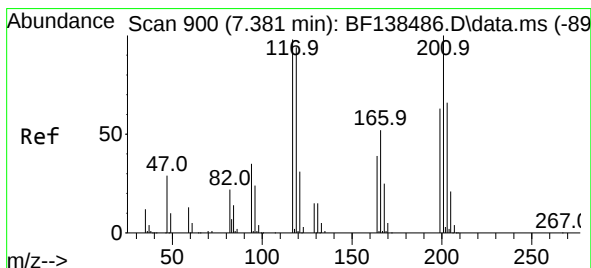
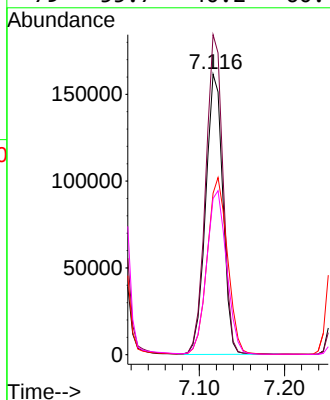
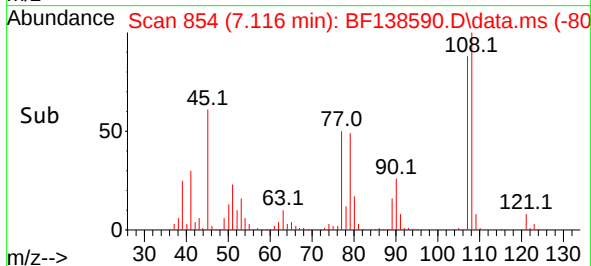
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



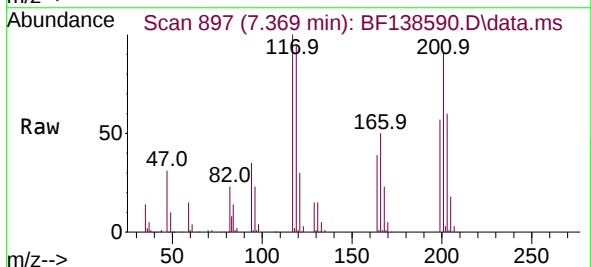
Tgt Ion:107 Resp: 227379
Ion Ratio Lower Upper
107 100
108 114.1 89.0 133.4
77 57.6 40.3 60.5
79 55.7 40.2 60.4

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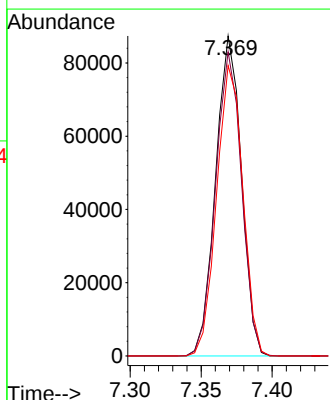
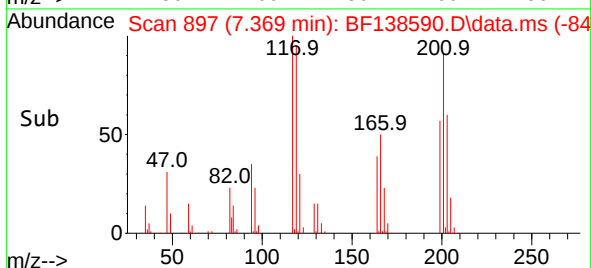
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

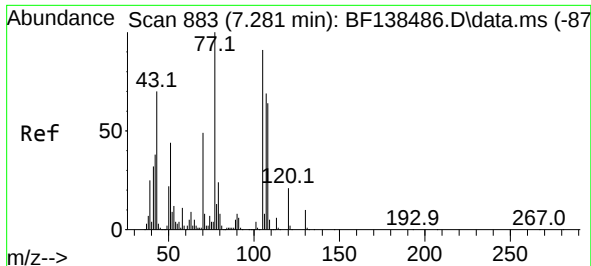


#18
Hexachloroethane
Concen: 50.759 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



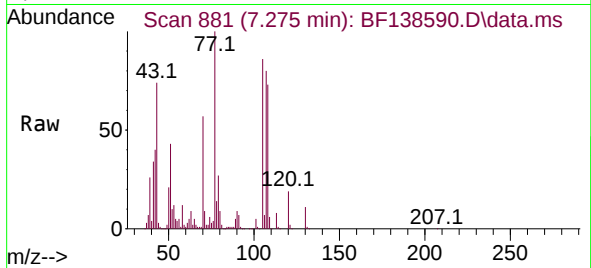
Tgt Ion:117 Resp: 110420
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8
201 90.8 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 54.367 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

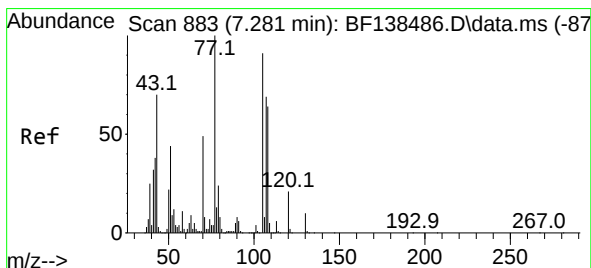
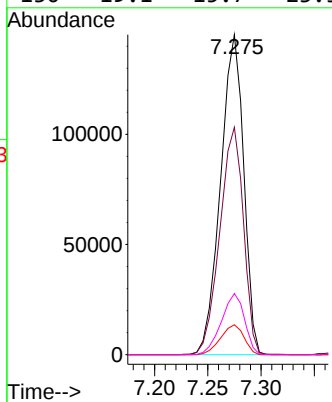
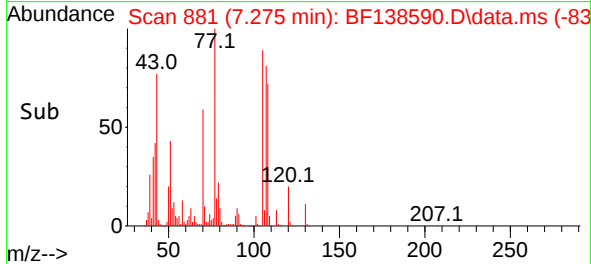
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



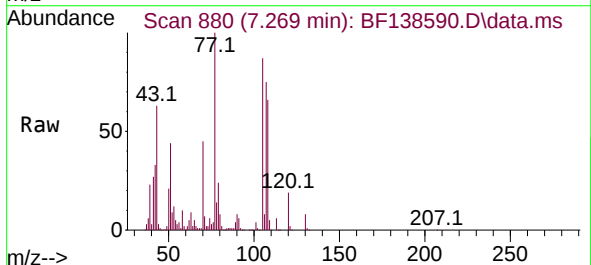
Tgt Ion: 70 Resp: 219099
Ion Ratio Lower Upper
70 100
42 71.1 62.4 93.6
101 9.3 7.2 10.8
130 19.1 15.7 23.5

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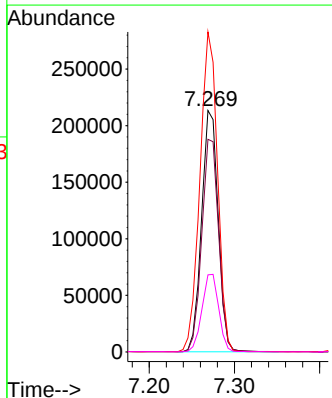
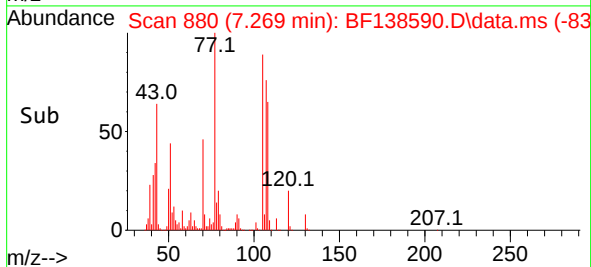
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

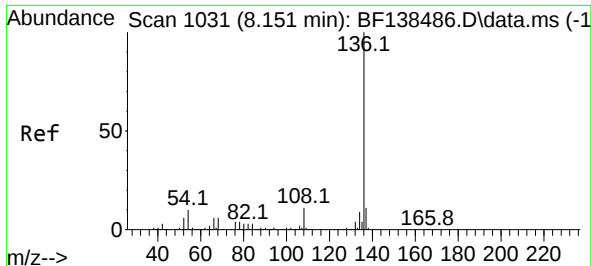


#20
3+4-Methylphenols
Concen: 53.899 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



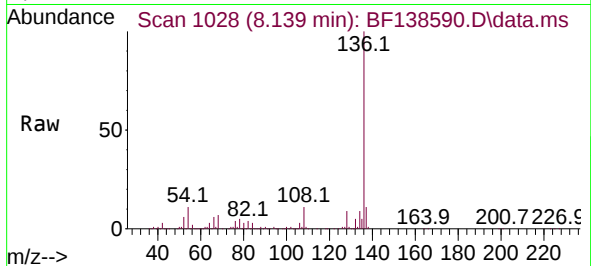
Tgt Ion:107 Resp: 288369
Ion Ratio Lower Upper
107 100
108 88.0 73.7 113.7
77 132.5 126.0 166.0
79 31.9 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

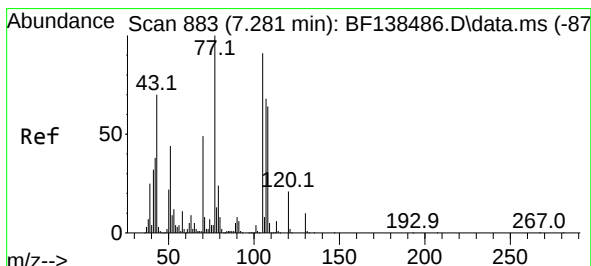
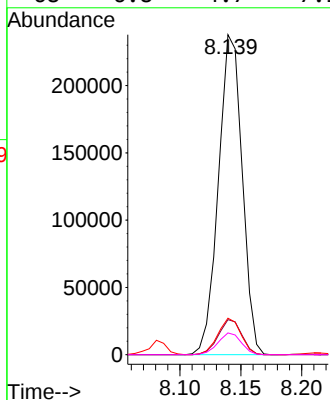
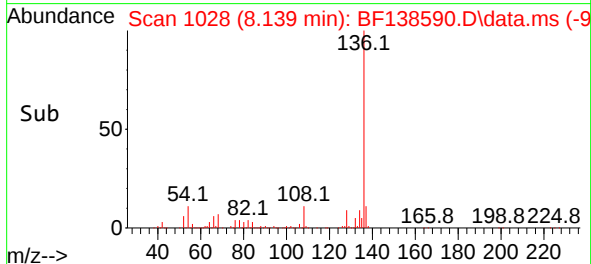
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:136 Resp: 32330
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.4 8.1 12.1
68 6.8 4.7 7.1

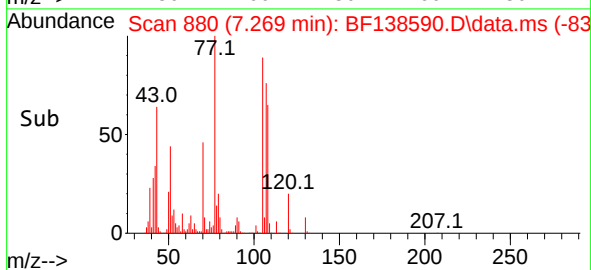
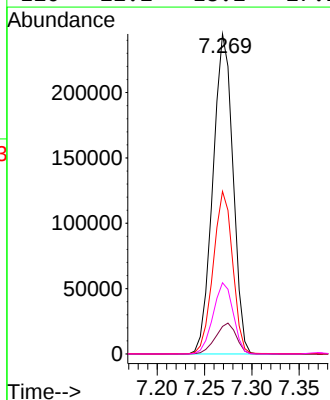
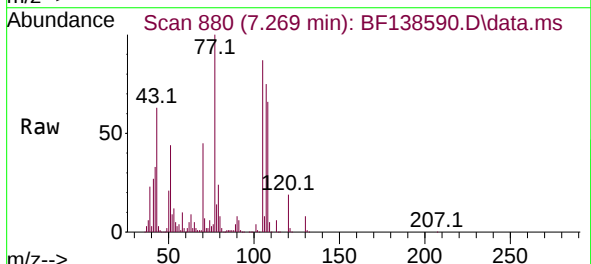
Manual Integrations
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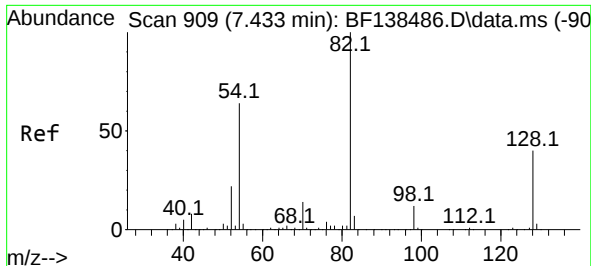
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Acetophenone
Concen: 46.086 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Tgt Ion:105 Resp: 361874
Ion Ratio Lower Upper
105 100
71 8.6 7.4 11.2
51 50.8 38.7 58.1
120 22.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 73.502 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

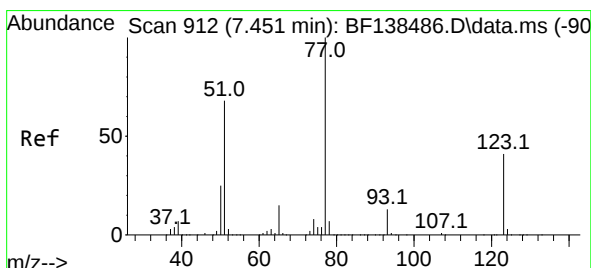
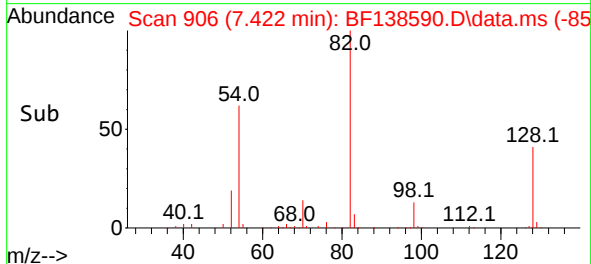
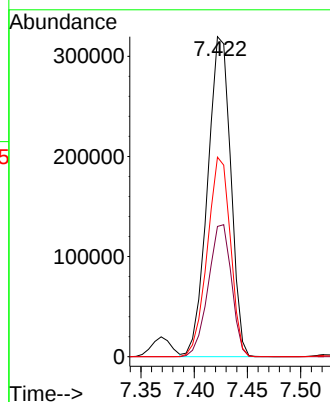
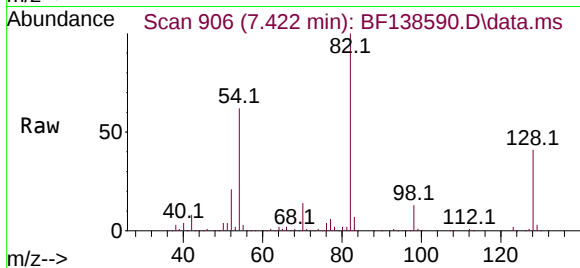
WC-CTW2-BL-02MS

Tgt Ion: 82 Resp: 484002
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.3 48.5
 54 62.3 51.4 77.0

Manual Integrations

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



#24

Nitrobenzene

Concen: 48.593 ng

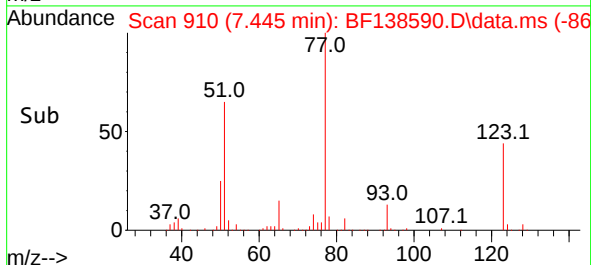
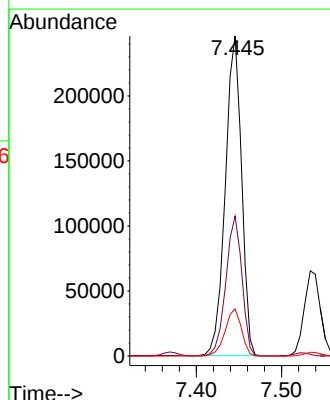
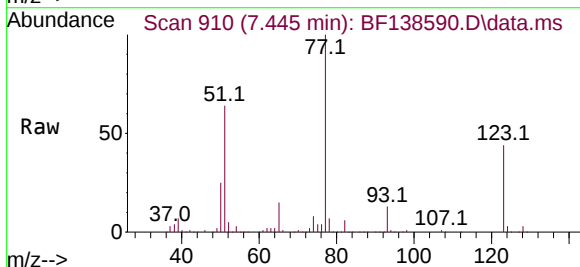
RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Tgt Ion: 77 Resp: 325168
 Ion Ratio Lower Upper
 77 100
 123 43.7 32.4 48.6
 65 14.7 11.8 17.8





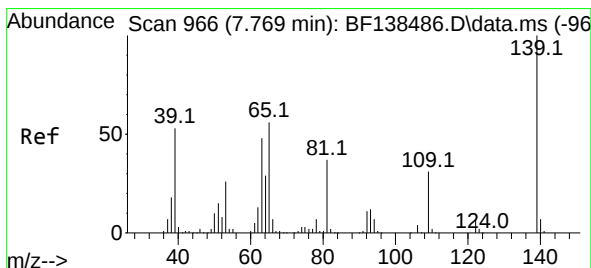
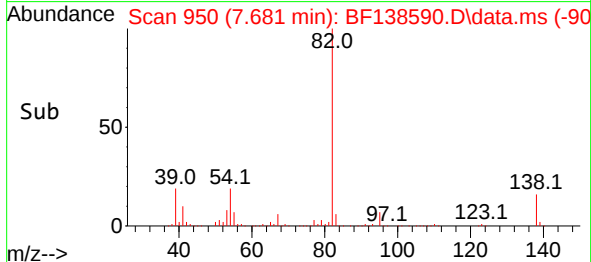
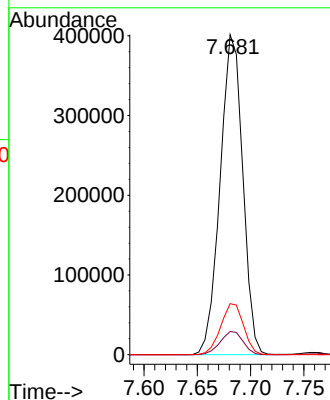
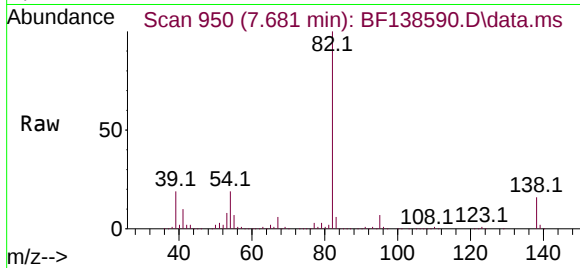
#25
Isophorone
Concen: 52.383 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS

Tgt Ion: 82 Resp: 59235
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.0 12.8 19.2

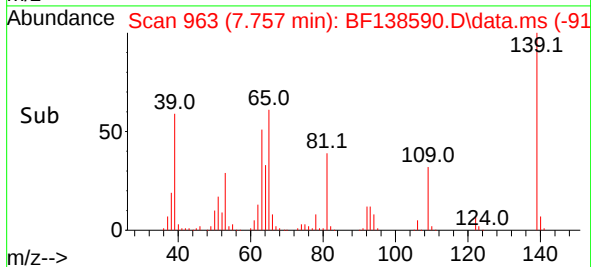
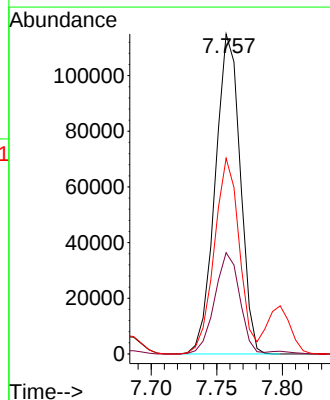
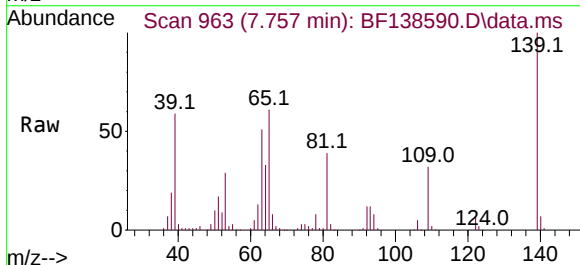
Manual Integrations
APPROVED

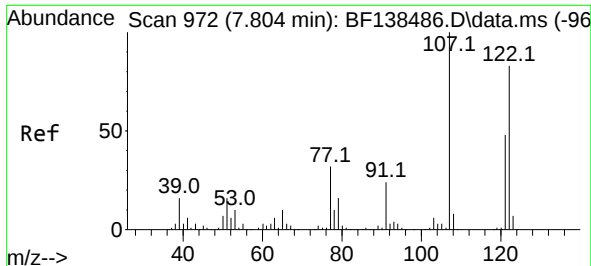
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#26
2-Nitrophenol
Concen: 53.166 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

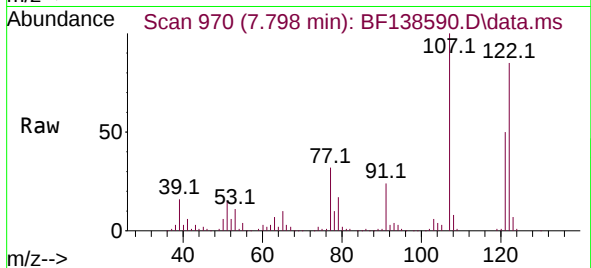
Tgt Ion:139 Resp: 152482
Ion Ratio Lower Upper
139 100
109 31.7 24.8 37.2
65 61.2 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 56.127 ng m
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

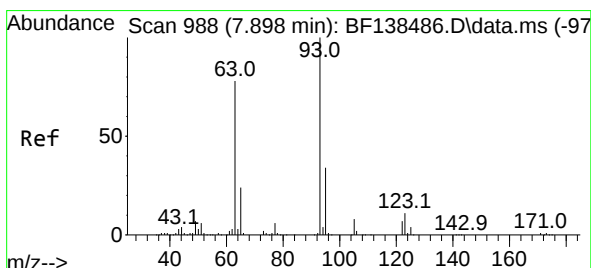
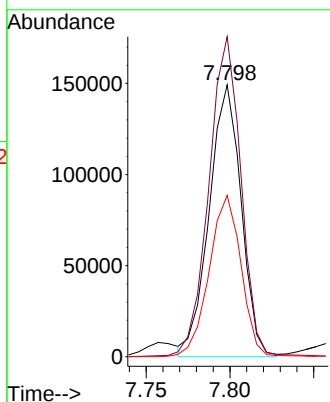
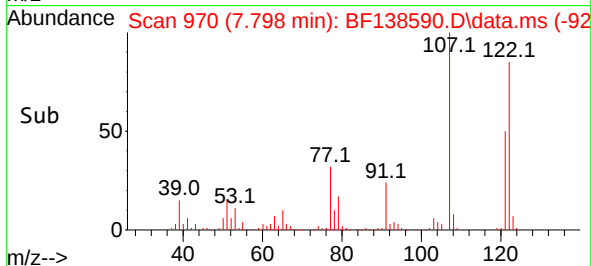
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:122 Resp: 197849
Ion Ratio Lower Upper
122 100
107 117.7 96.3 144.5
121 59.3 46.7 70.1

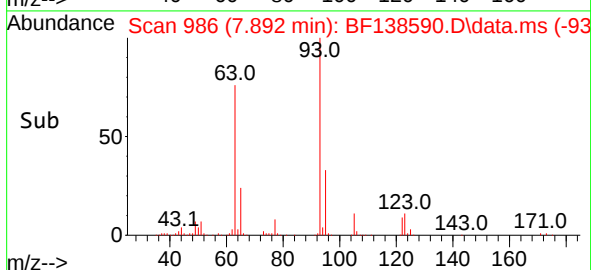
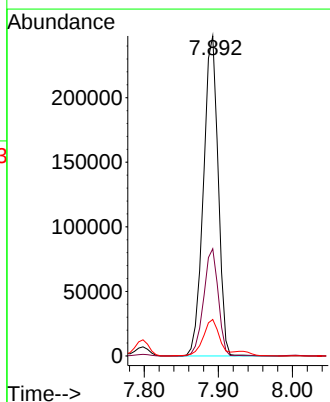
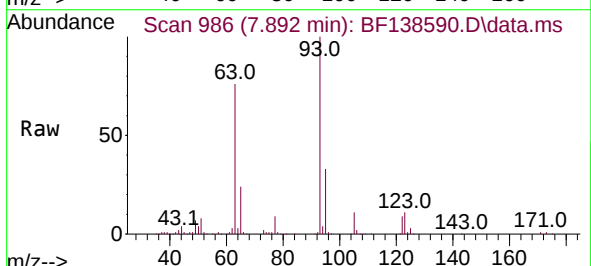
Manual Integrations
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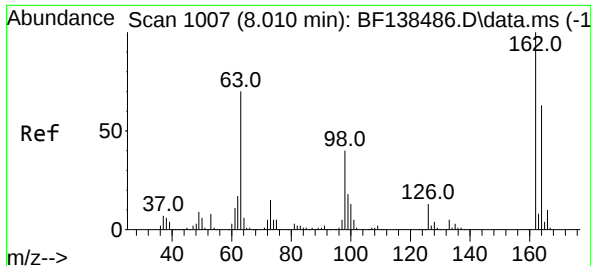
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.483 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Tgt Ion: 93 Resp: 341177
Ion Ratio Lower Upper
93 100
95 33.5 27.0 40.6
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.949 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

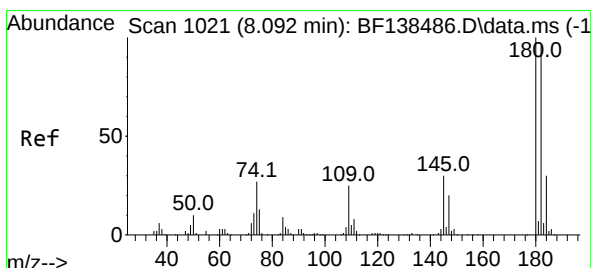
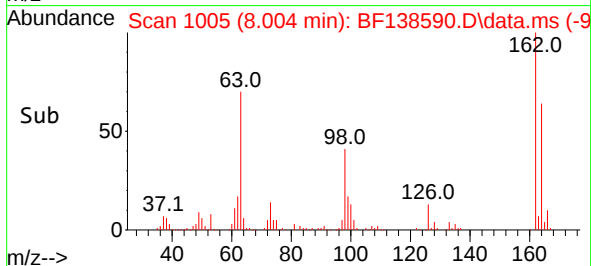
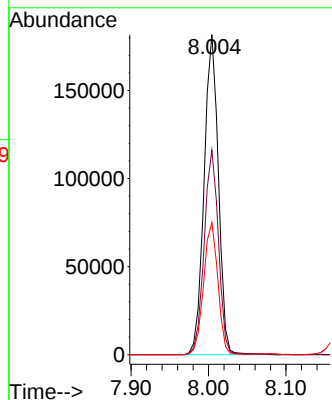
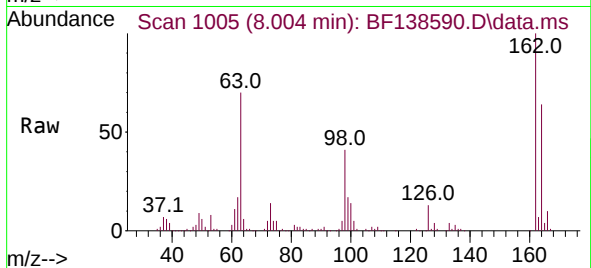
Tgt Ion:162 Resp: 233219
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.6 82.6
 98 41.3 20.1 60.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.072 ng

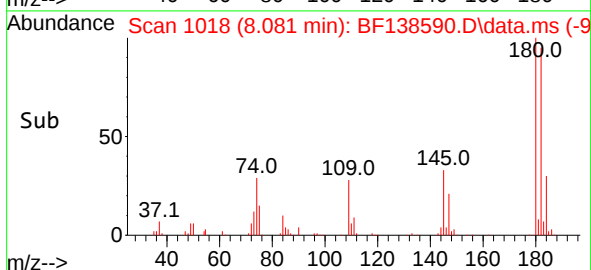
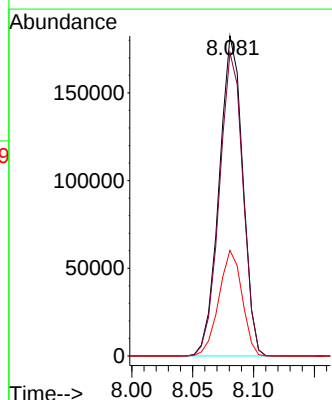
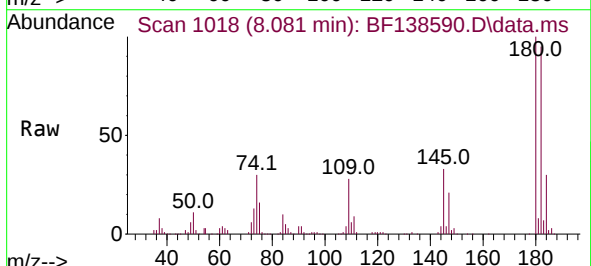
RT: 8.081 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

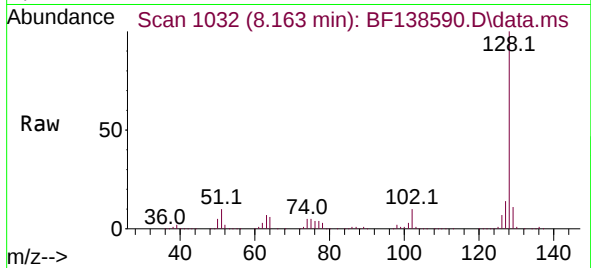
Tgt Ion:180 Resp: 245679
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.9 115.3
 145 33.0 23.9 35.9





#31
Naphthalene
Concen: 49.435 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

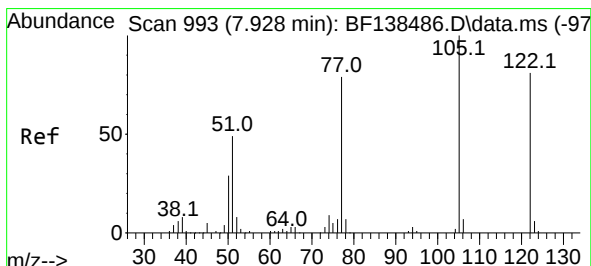
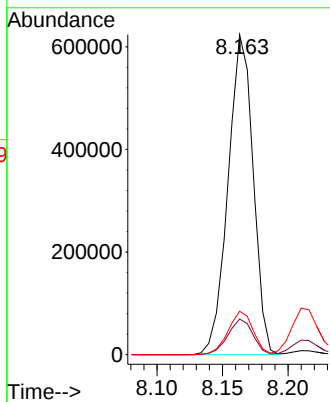
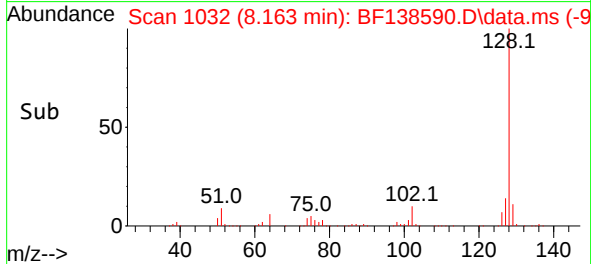
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



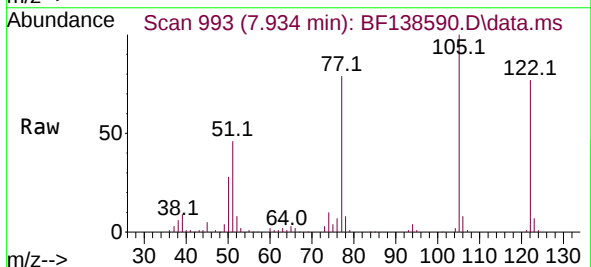
Tgt Ion:128 Resp: 831208
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.6 10.7 16.1

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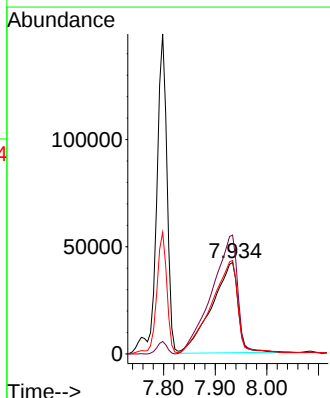
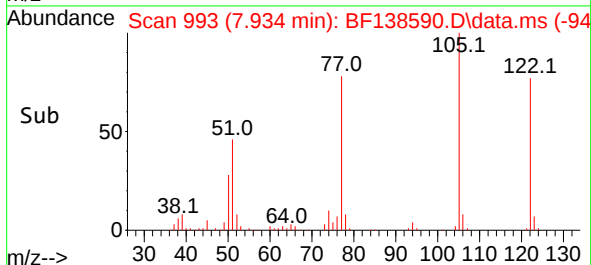
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#32
Benzoic acid
Concen: 44.116 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



Tgt Ion:122 Resp: 148320
Ion Ratio Lower Upper
122 100
105 129.9 101.5 141.5
77 102.2 77.3 117.3





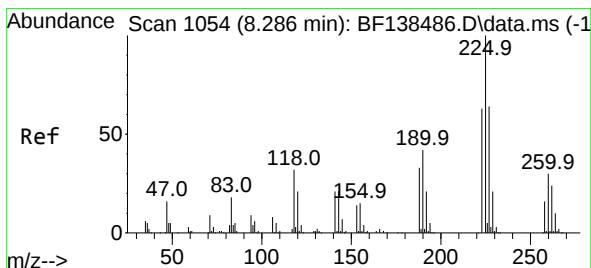
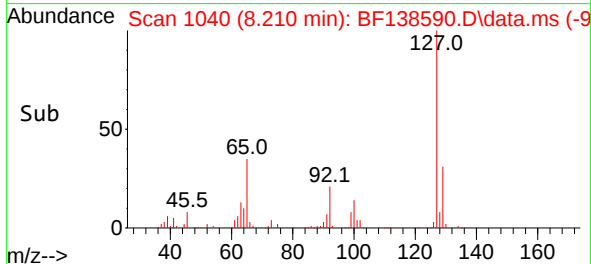
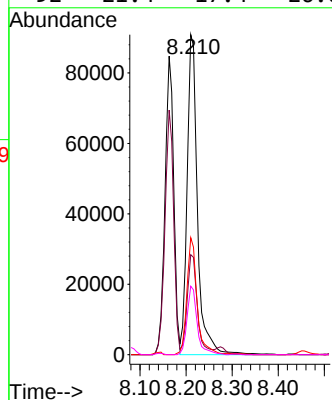
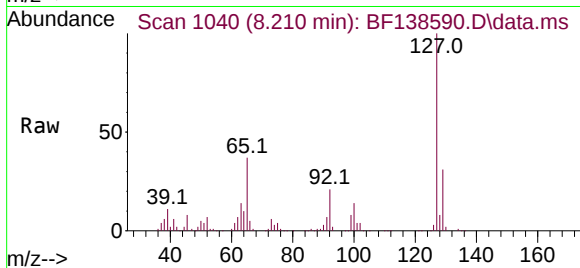
#33
4-Chloroaniline
Concen: 24.082 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS

Tgt Ion:	127	Resp:	142072
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.6	38.4
65	36.5	29.6	44.4
92	21.4	17.4	26.0

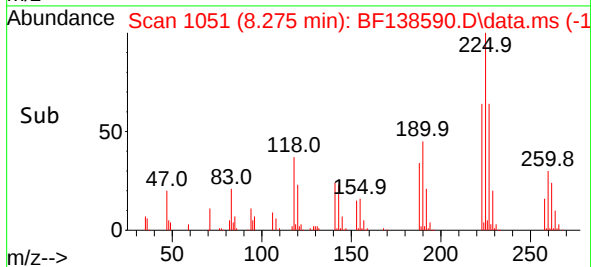
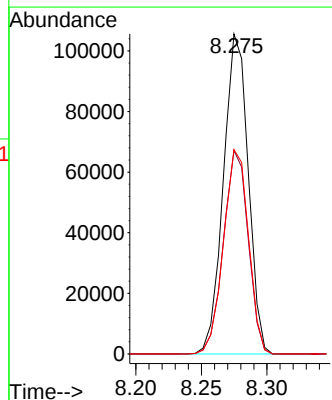
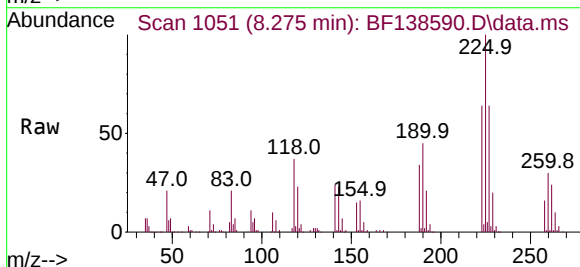
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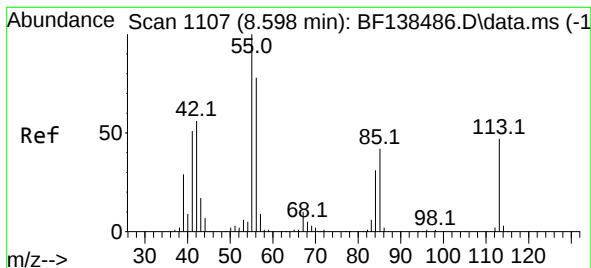
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#34
Hexachlorobutadiene
Concen: 42.222 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Tgt Ion:	225	Resp:	138644
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.0	75.0
227	63.8	51.0	76.6





#35

Caprolactam

Concen: 51.815 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

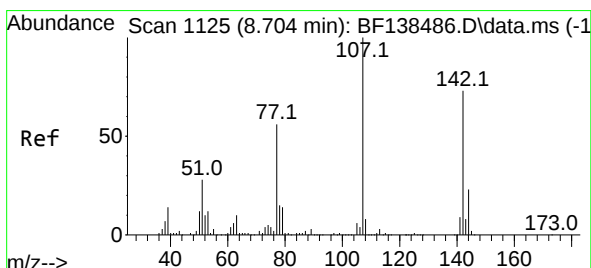
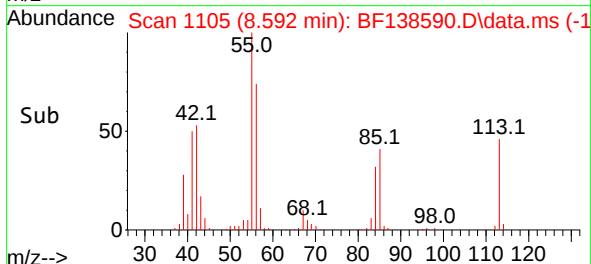
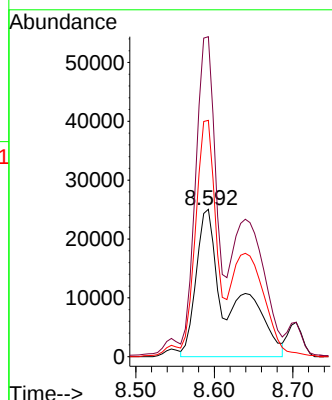
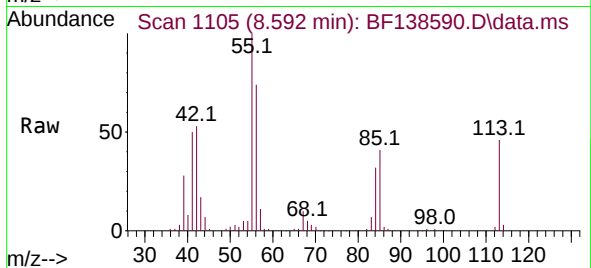
ClientSampleId :

WC-CTW2-BL-02MS

Tgt Ion:113 Resp: 7653
 Ion Ratio Lower Upper
 113 100
 55 217.2 192.5 232.5
 56 160.4 145.3 185.3

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



#36

4-Chloro-3-methylphenol

Concen: 52.747 ng

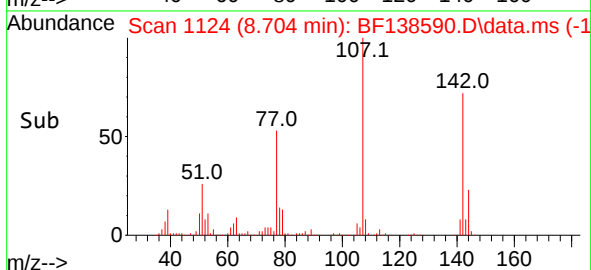
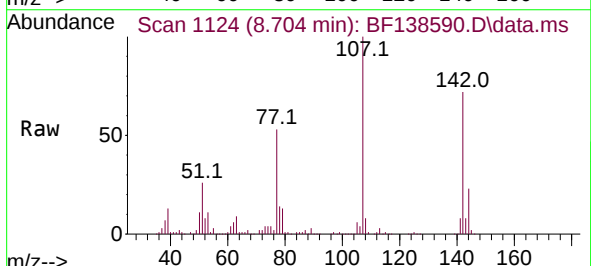
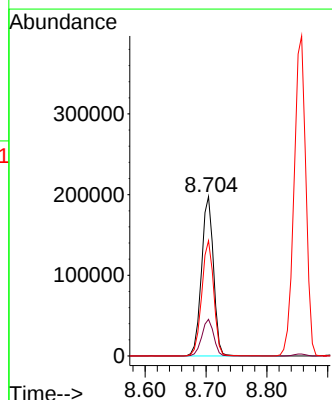
RT: 8.704 min Scan# 1124

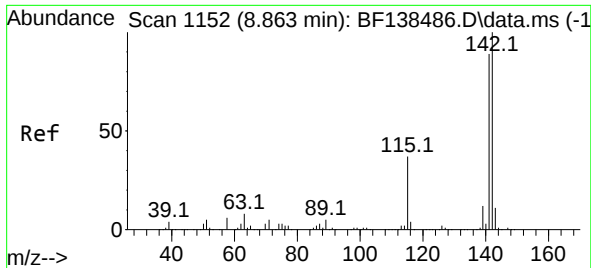
Delta R.T. 0.000 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Tgt Ion:107 Resp: 270311
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.6 27.8
 142 72.3 58.6 88.0





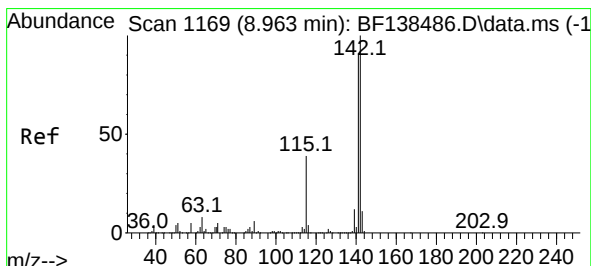
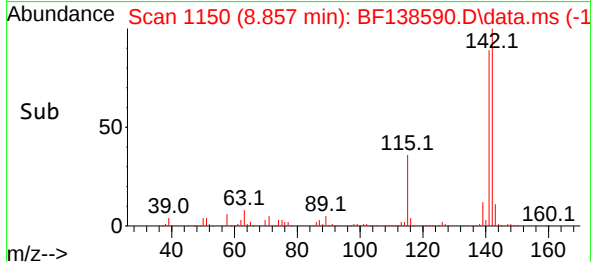
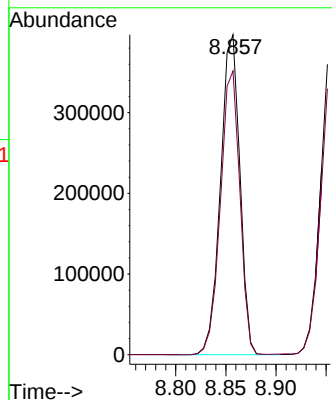
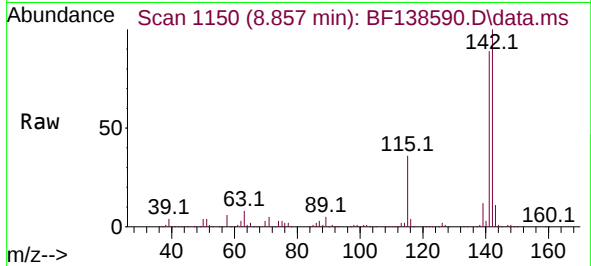
#37
2-Methylnaphthalene
Concen: 49.060 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS

Tgt Ion:142 Resp: 530848
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0

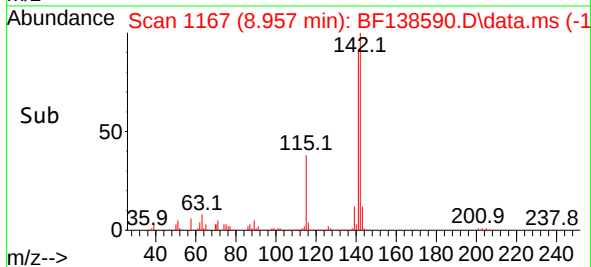
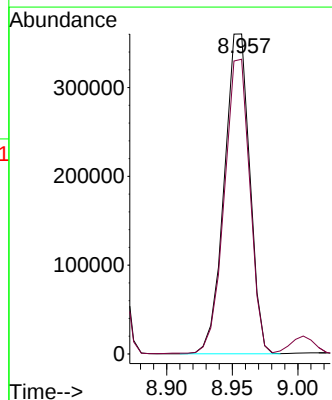
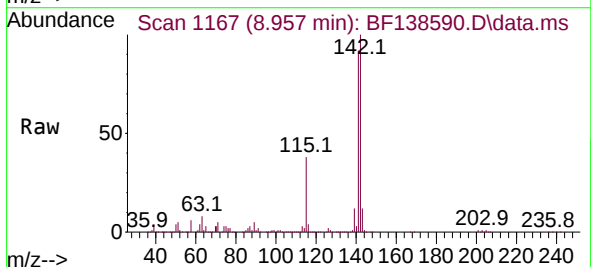
Manual Integrations
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#38
1-Methylnaphthalene
Concen: 46.165 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

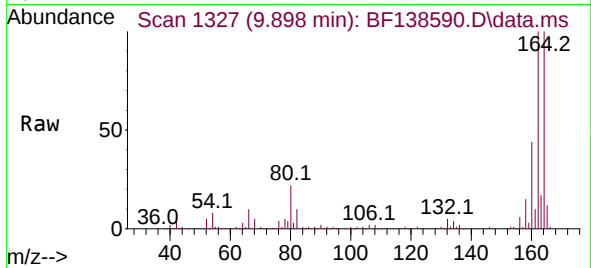
Tgt Ion:142 Resp: 487511
Ion Ratio Lower Upper
142 100
141 92.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

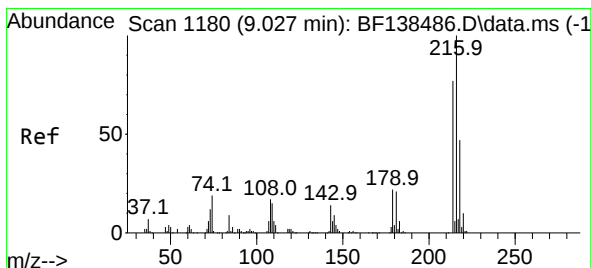
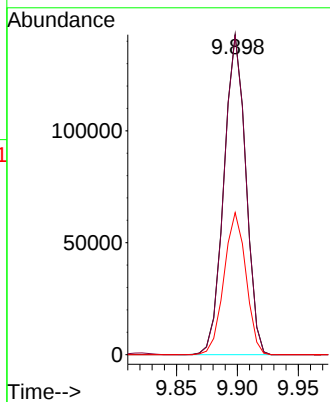
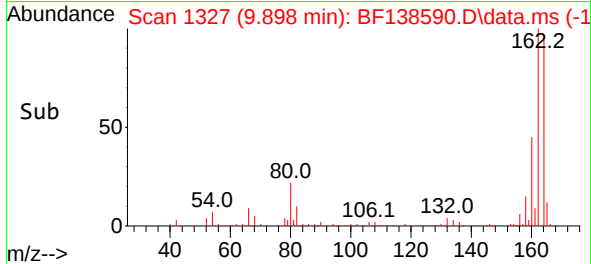
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:164 Resp: 178980
Ion Ratio Lower Upper
164 100
162 99.7 79.0 118.6
160 44.4 34.4 51.6

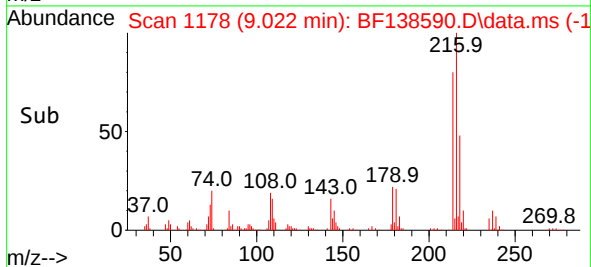
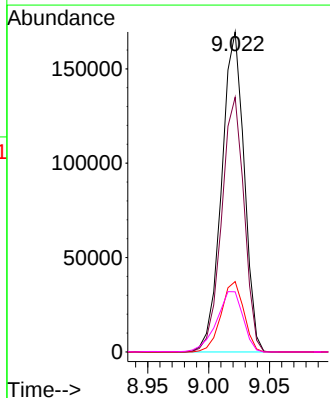
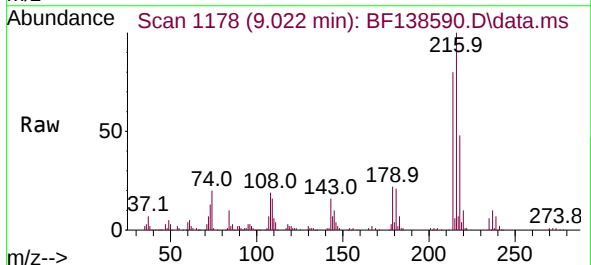
Manual Integrations
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.727 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

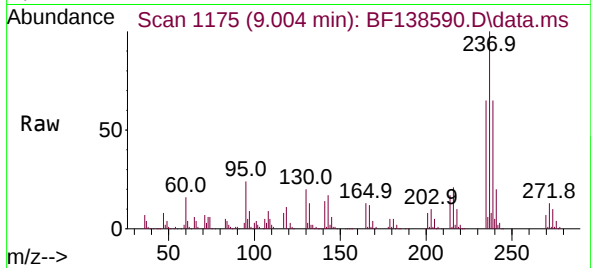
Tgt Ion:216 Resp: 218130
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 22.2 17.7 26.5
108 22.3 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 117.029 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

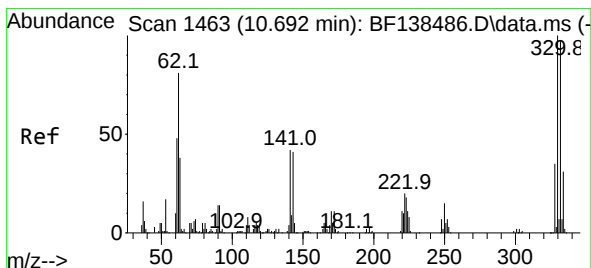
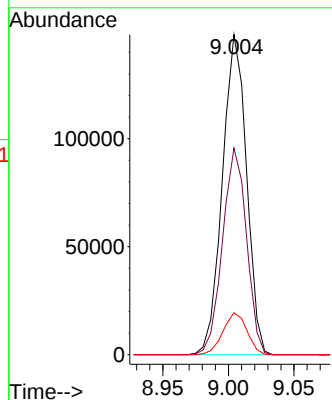
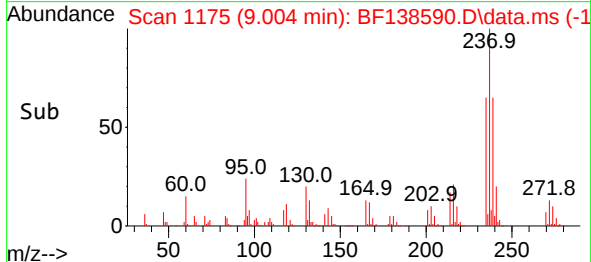
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



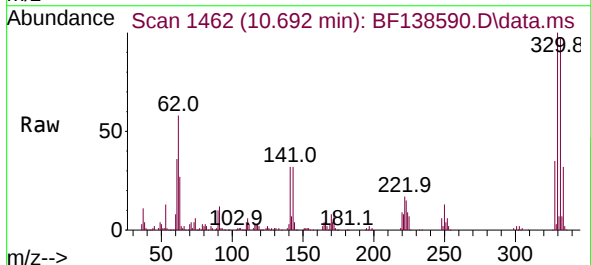
Tgt Ion:237 Resp: 18948
Ion Ratio Lower Upper
237 100
235 64.6 43.3 83.3
272 13.1 0.0 32.3

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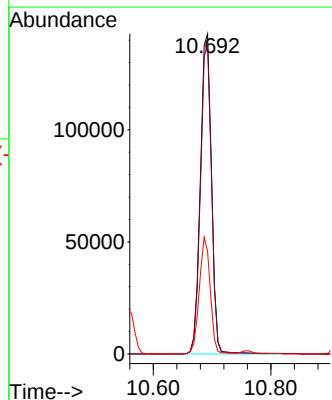
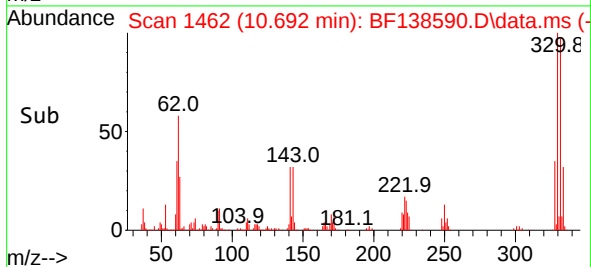
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

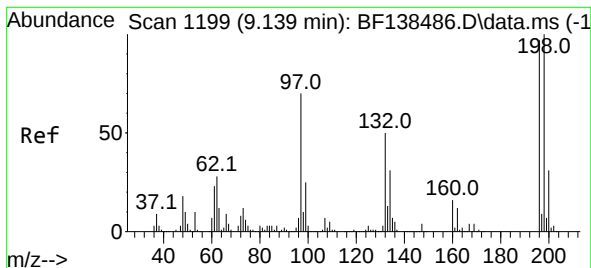


#42
2,4,6-Tribromophenol
Concen: 112.755 ng
RT: 10.692 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



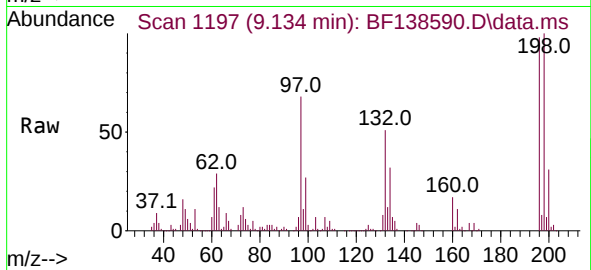
Tgt Ion:330 Resp: 188617
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 35.7 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 48.869 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

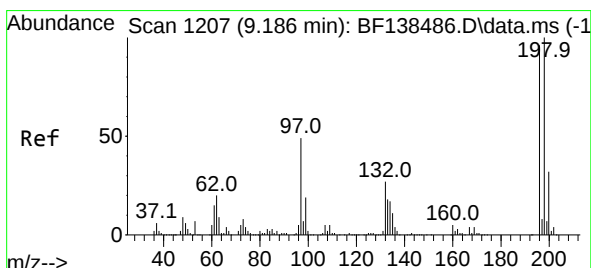
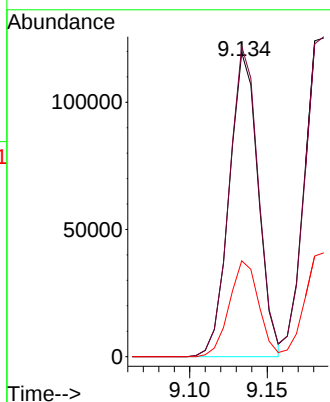
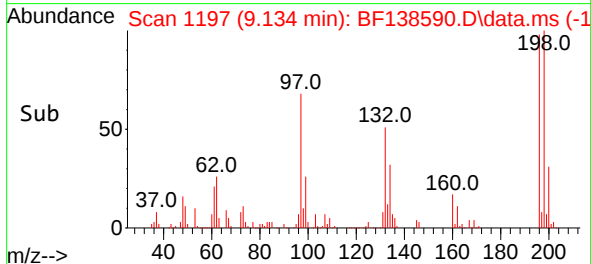
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



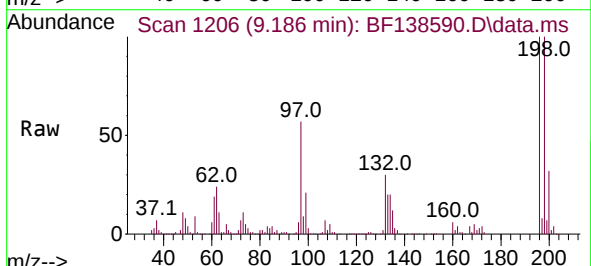
Tgt Ion:196 Resp: 15550
Ion Ratio Lower Upper
196 100
198 102.1 82.3 123.5
200 31.5 25.8 38.6

Manual Integrations
APPROVED

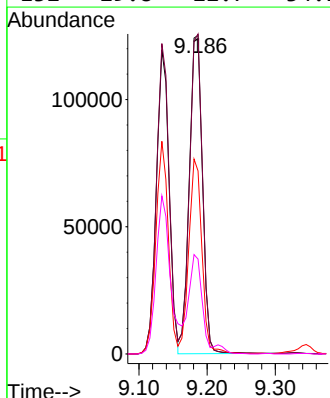
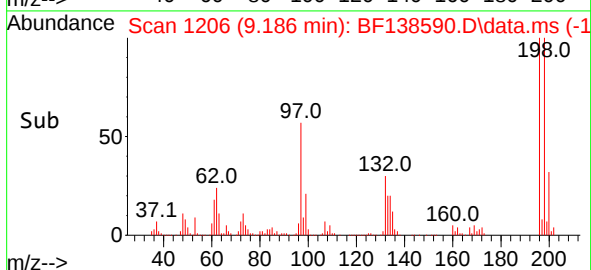
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

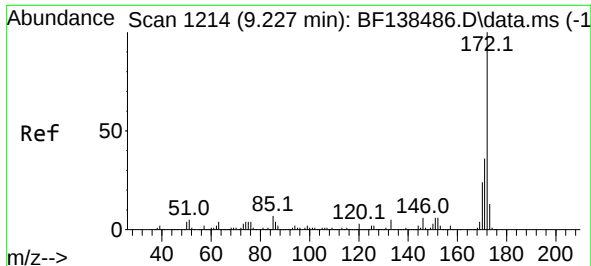


#44
2,4,5-Trichlorophenol
Concen: 47.685 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



Tgt Ion:196 Resp: 166891
Ion Ratio Lower Upper
196 100
198 100.4 82.8 124.2
97 57.4 41.0 61.4
132 29.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 69.581 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

Tgt Ion:172 Resp: 796849

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

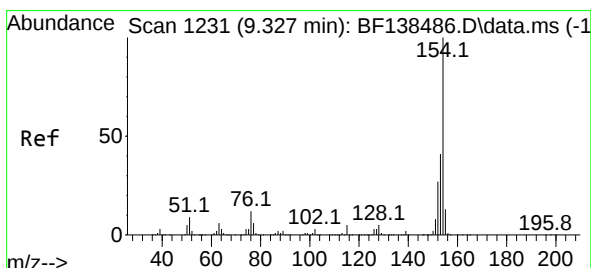
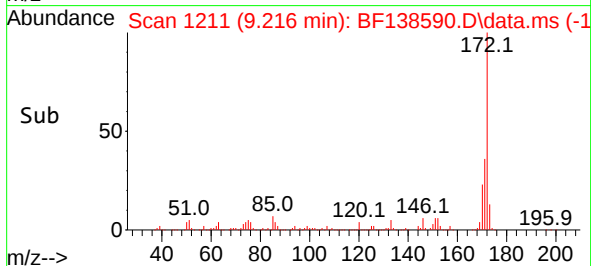
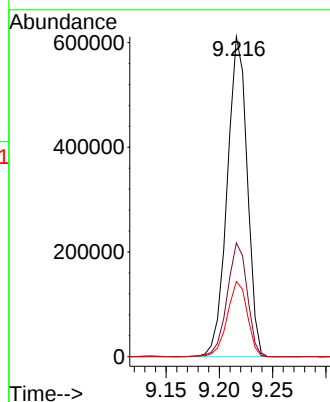
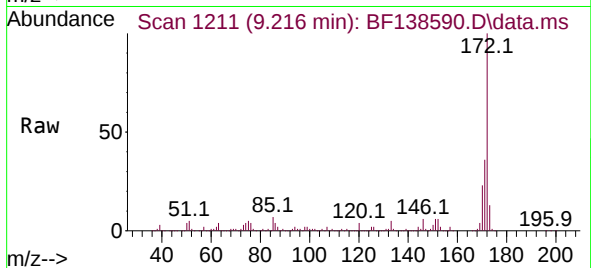
170 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#46

1,1'-Biphenyl

Concen: 45.196 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

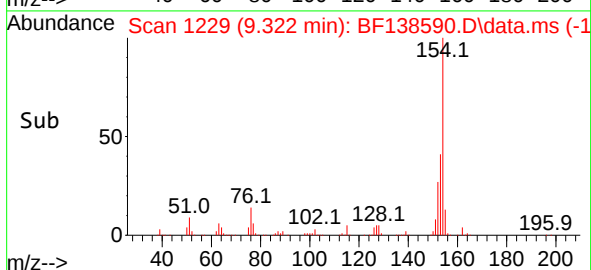
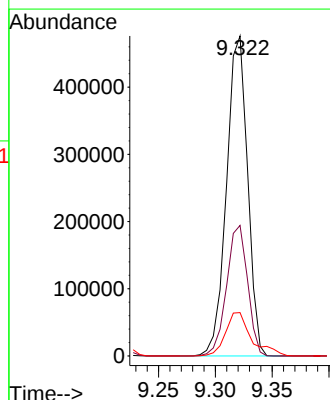
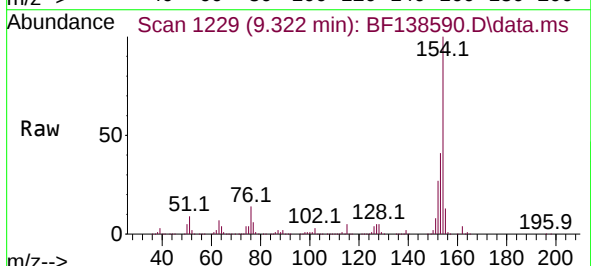
Tgt Ion:154 Resp: 613052

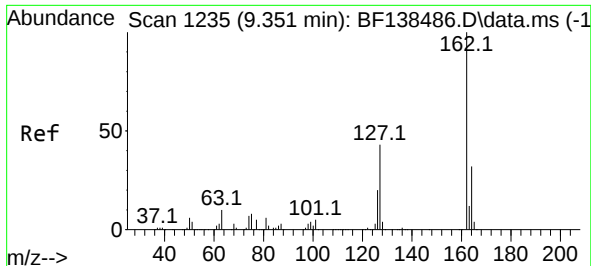
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

76 13.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 47.592 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

Tgt Ion:162 Resp: 487690

Ion Ratio Lower Upper

162 100

127 45.0 34.8 52.2

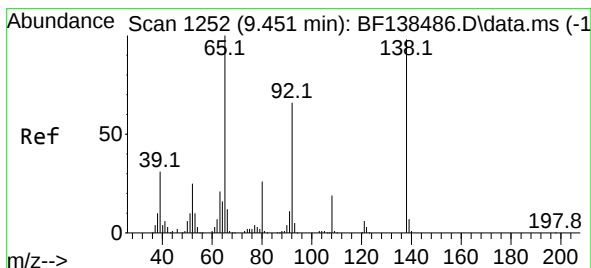
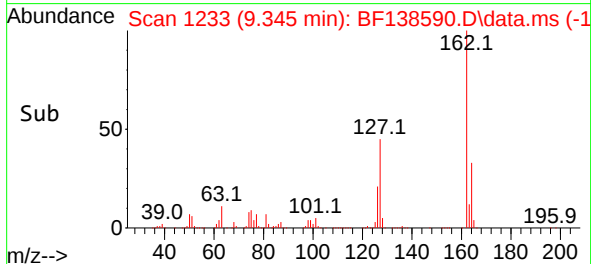
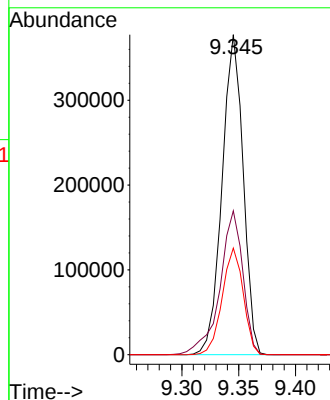
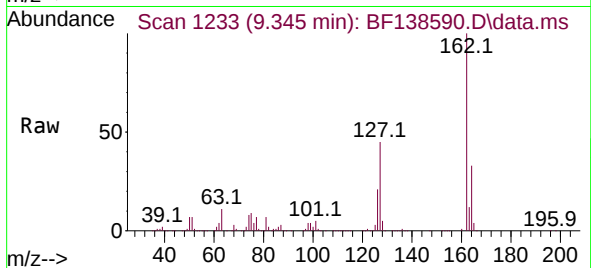
164 33.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#48

2-Nitroaniline

Concen: 54.752 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

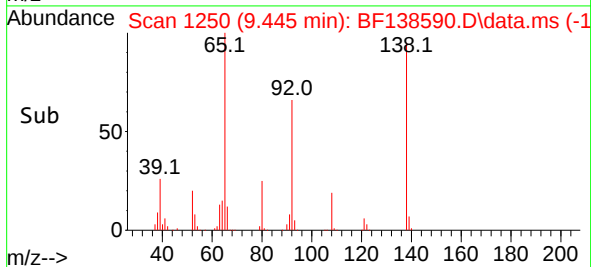
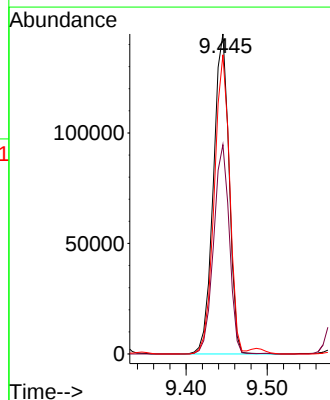
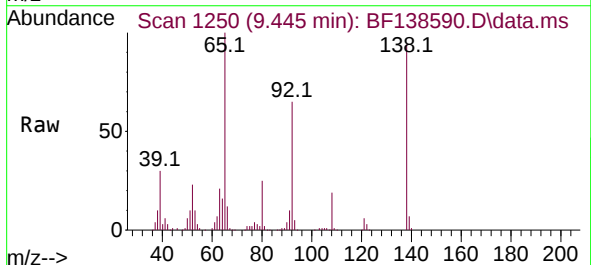
Tgt Ion: 65 Resp: 194425

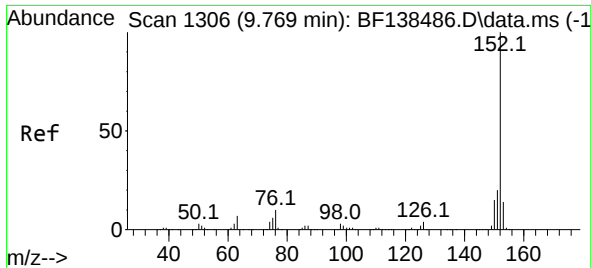
Ion Ratio Lower Upper

65 100

92 65.4 52.6 78.8

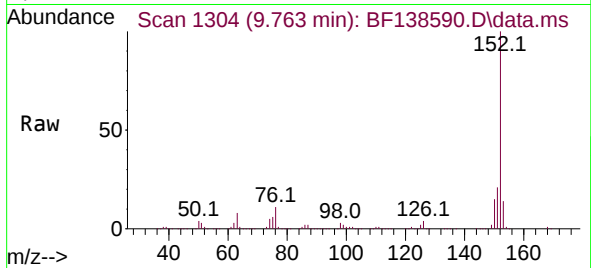
138 93.5 78.6 118.0





#49
Acenaphthylene
Concen: 53.939 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

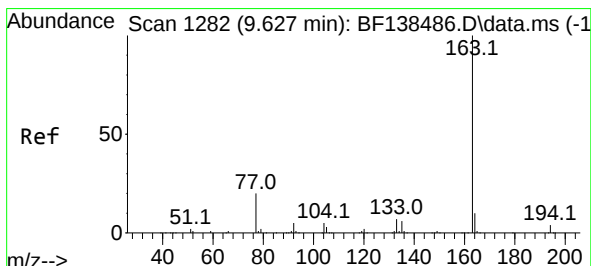
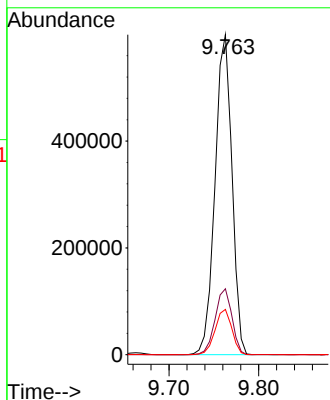
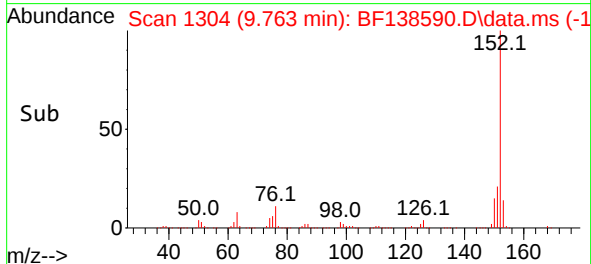
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



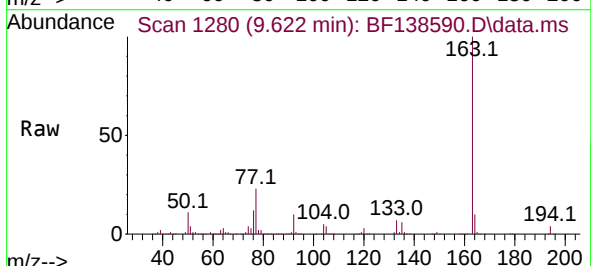
Tgt Ion:152 Resp: 784740
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.2 11.3 16.9

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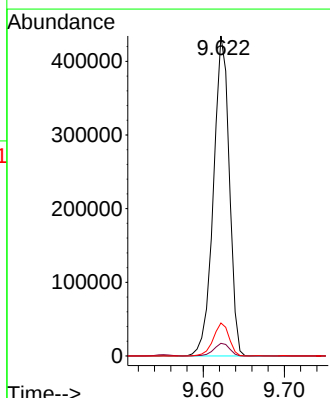
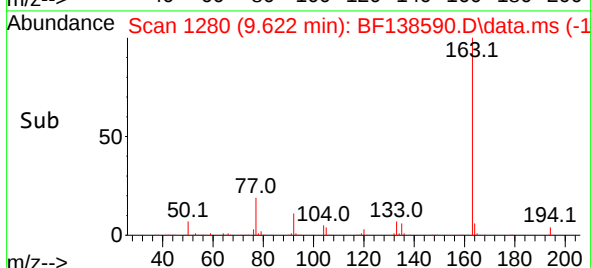
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

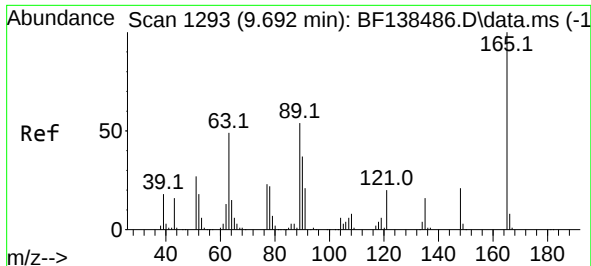


#50
Dimethylphthalate
Concen: 51.062 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



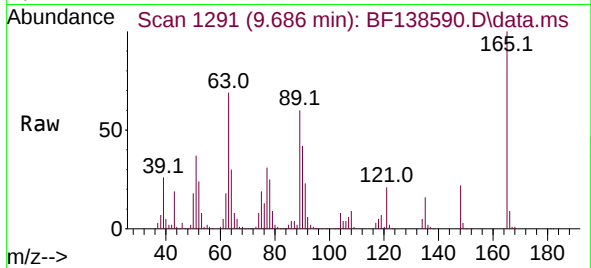
Tgt Ion:163 Resp: 590975
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.009 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

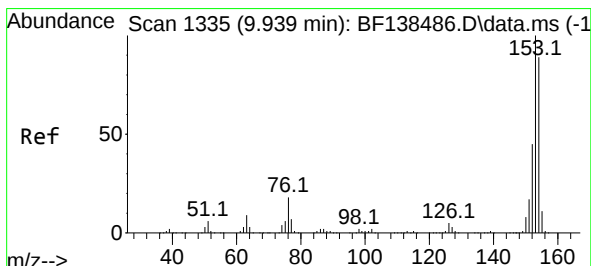
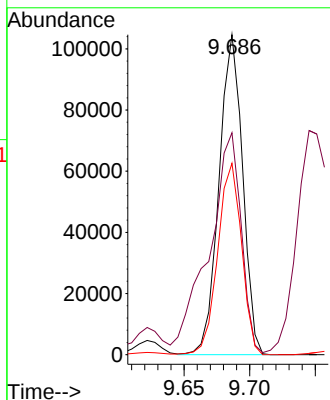
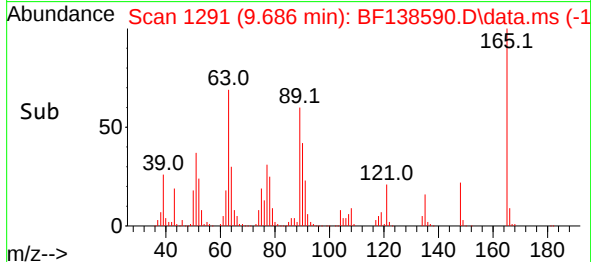
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



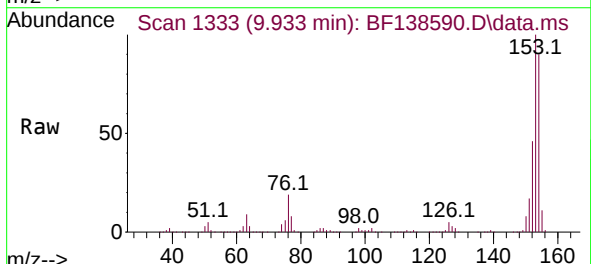
Tgt Ion:165 Resp: 130598
Ion Ratio Lower Upper
165 100
63 69.4 48.1 72.1
89 59.8 43.0 64.6

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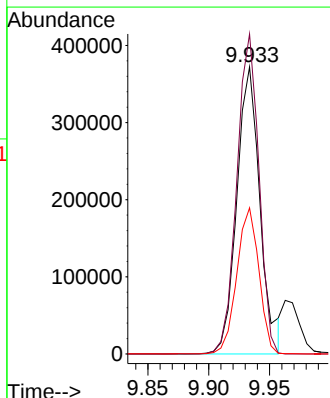
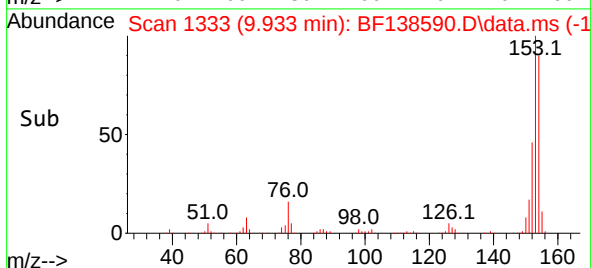
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

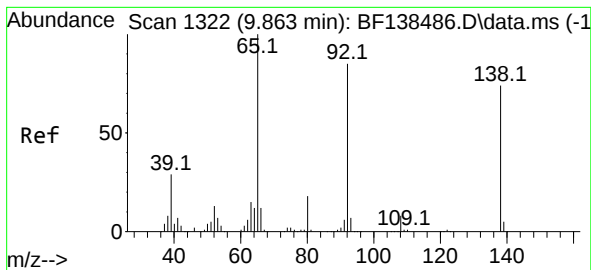


#52
Acenaphthene
Concen: 51.159 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



Tgt Ion:154 Resp: 494753
Ion Ratio Lower Upper
154 100
153 111.5 90.4 135.6
152 50.9 41.1 61.7





#53

3-Nitroaniline

Concen: 36.711 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

Tgt Ion:138 Resp: 100260

Ion Ratio Lower Upper

138 100

108 11.9 8.3 12.5

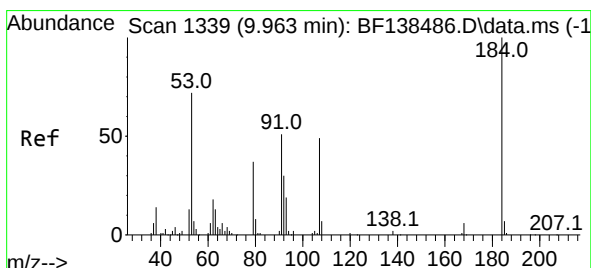
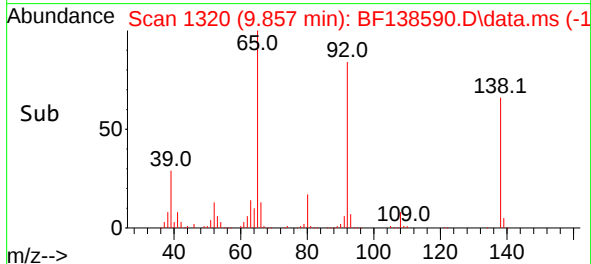
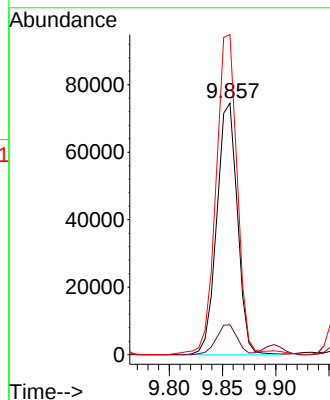
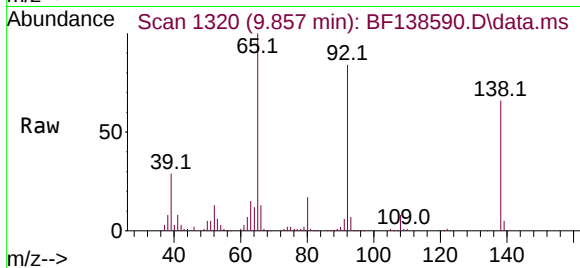
92 127.2 92.6 138.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#54

2,4-Dinitrophenol

Concen: 94.702 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

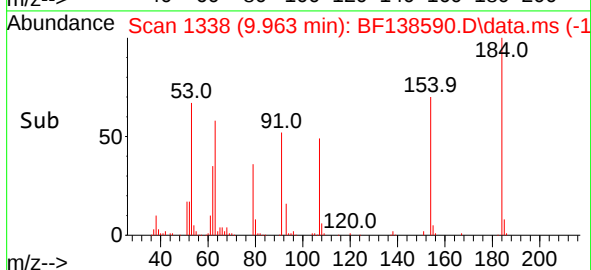
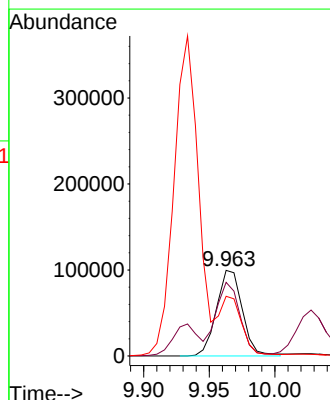
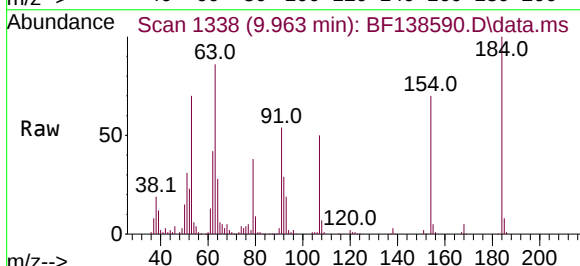
Tgt Ion:184 Resp: 136742

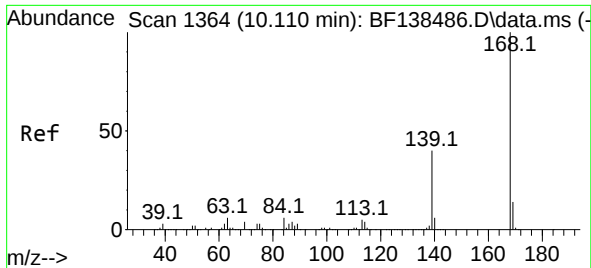
Ion Ratio Lower Upper

184 100

63 86.1 70.6 106.0

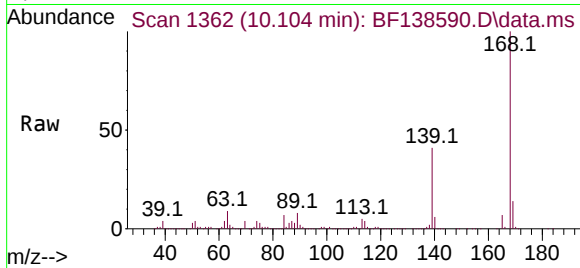
154 69.8 53.8 80.6





#55
Dibenzenofuran
Concen: 49.857 ng
RT: 10.104 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

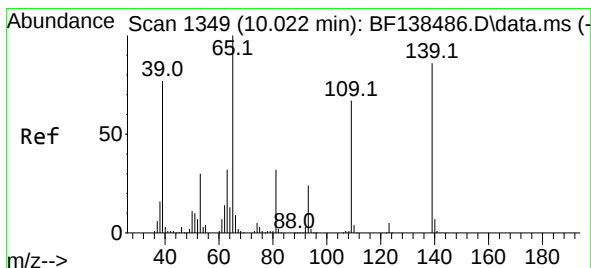
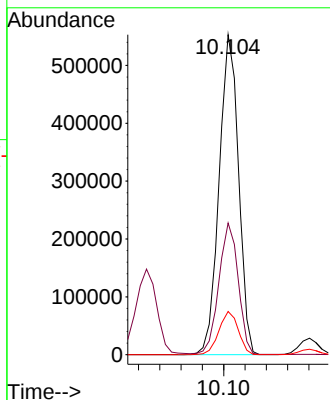
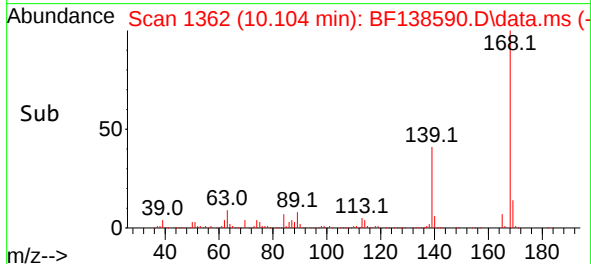
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:168 Resp: 699358
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 13.5 10.9 16.3

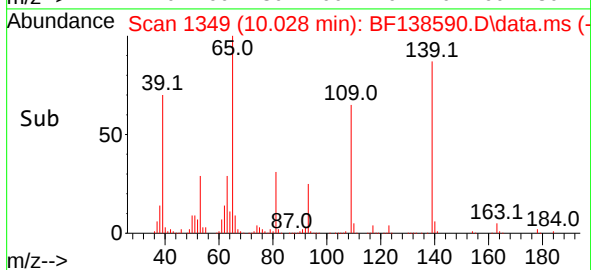
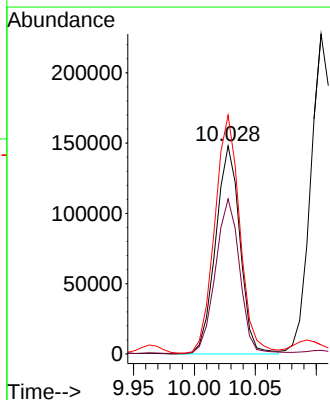
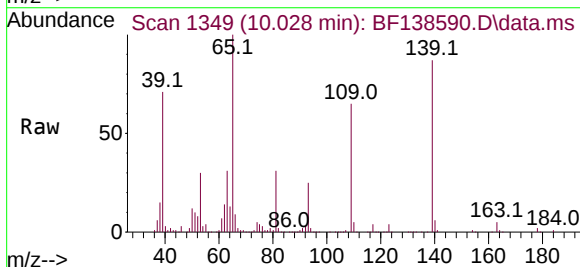
Manual Integrations
APPROVED

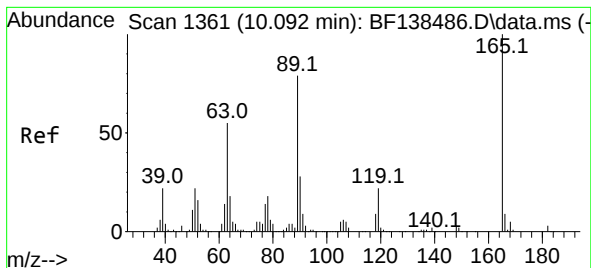
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#56
4-Nitrophenol
Concen: 101.695 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

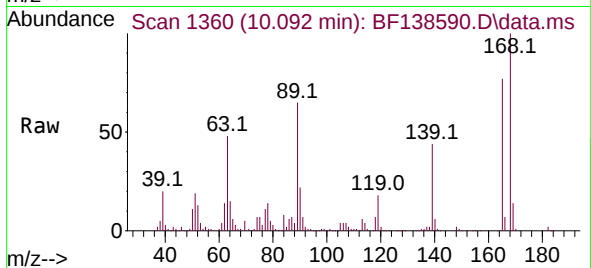
Tgt Ion:139 Resp: 204942
Ion Ratio Lower Upper
139 100
109 74.6 58.1 98.1
65 114.9 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 51.436 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

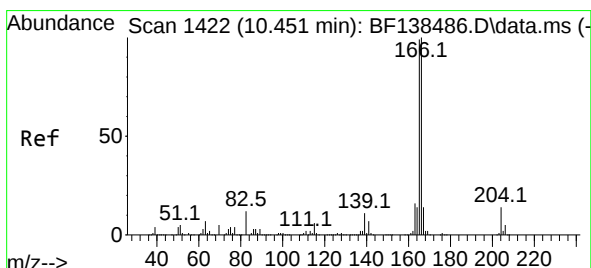
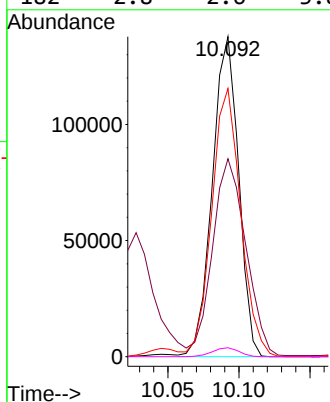
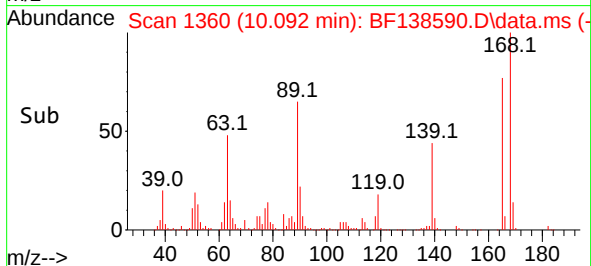
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:165 Resp: 17734
Ion Ratio Lower Upper
165 100
63 61.9 44.6 66.8
89 83.8 63.4 95.2
182 2.8 2.6 3.8

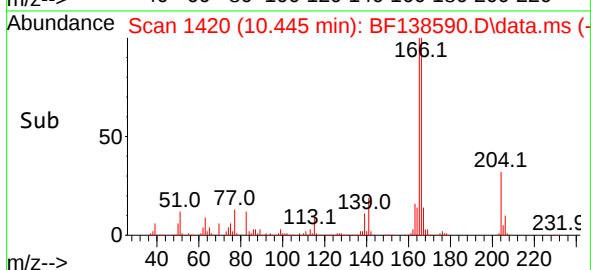
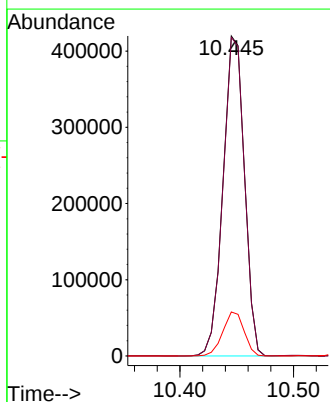
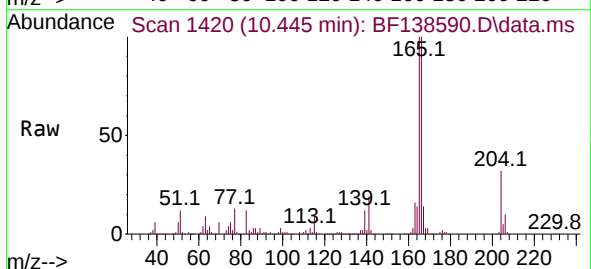
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 49.560 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

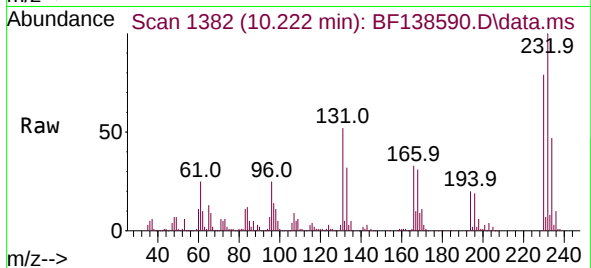
Tgt Ion:166 Resp: 550068
Ion Ratio Lower Upper
166 100
165 99.5 79.1 118.7
167 13.8 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.510 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

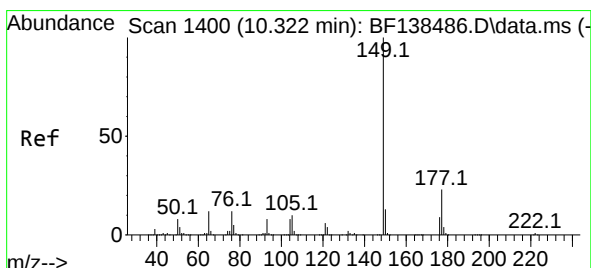
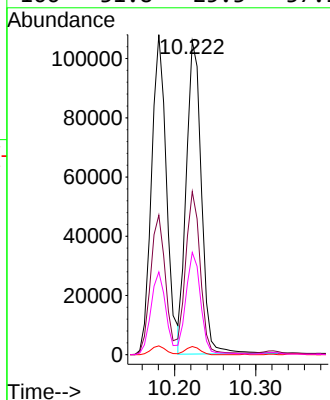
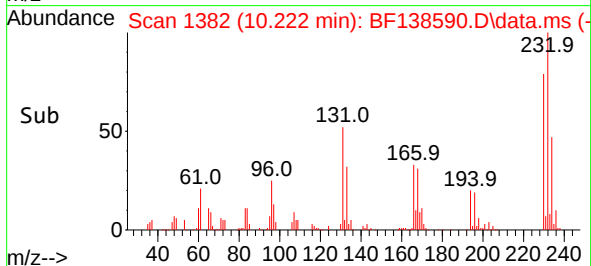
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:232 Resp: 136751
Ion Ratio Lower Upper
232 100
131 51.6 37.5 56.3
130 2.5 2.0 3.0
166 31.8 25.3 37.9

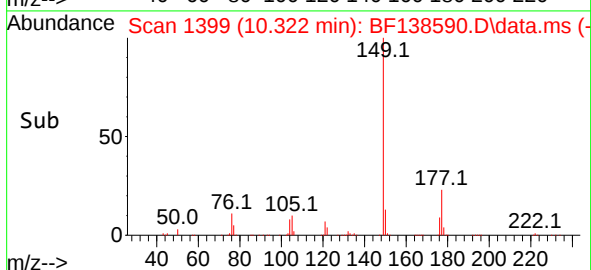
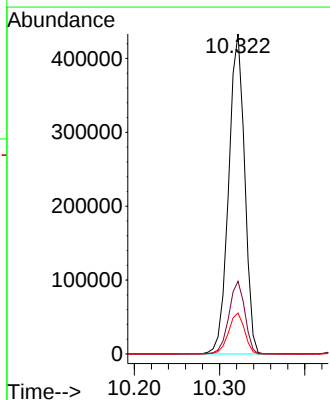
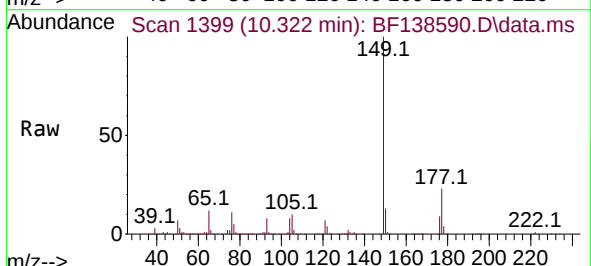
Manual Integrations
APPROVED

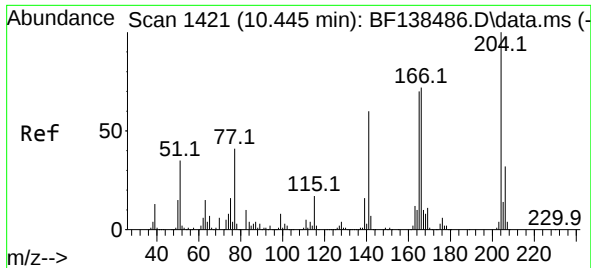
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#60
Diethylphthalate
Concen: 50.582 ng
RT: 10.322 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

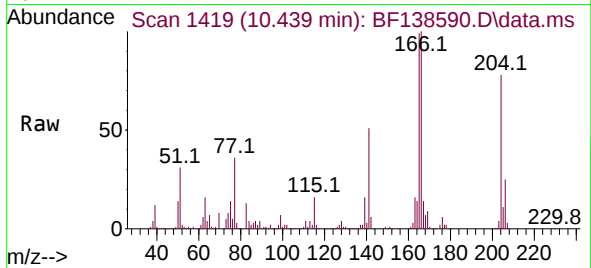
Tgt Ion:149 Resp: 564363
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.639 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

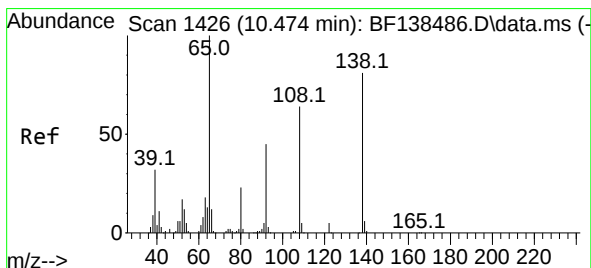
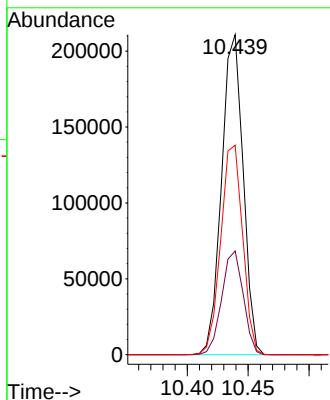
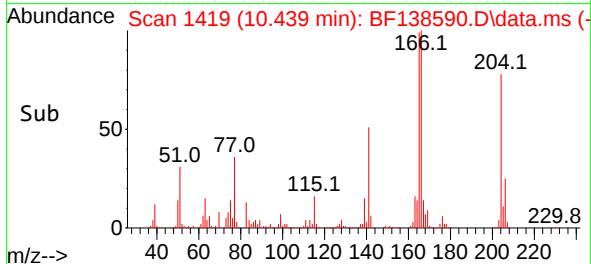
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



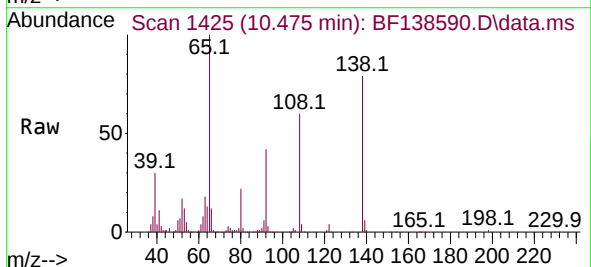
Tgt Ion:204 Resp: 259930
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 65.4 47.7 71.5

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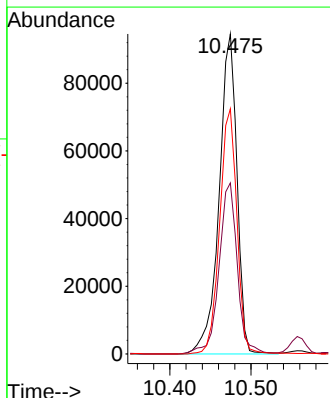
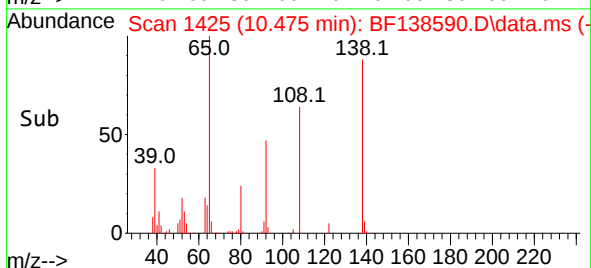
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

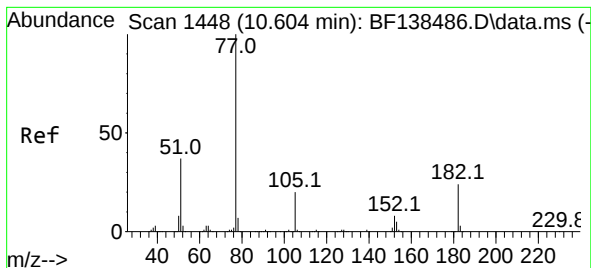


#62
4-Nitroaniline
Concen: 52.817 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



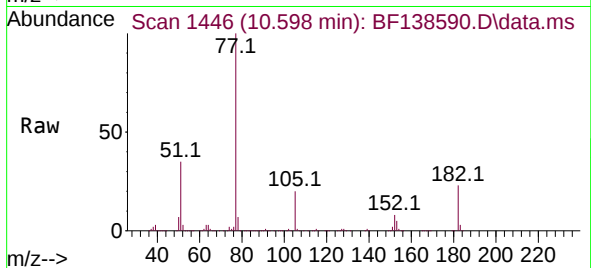
Tgt Ion:138 Resp: 144554
Ion Ratio Lower Upper
138 100
92 53.5 35.8 75.8
108 76.6 59.8 99.8





#63
Azobenzene
Concen: 52.093 ng
RT: 10.598 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

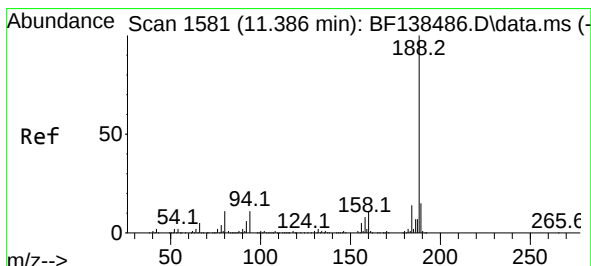
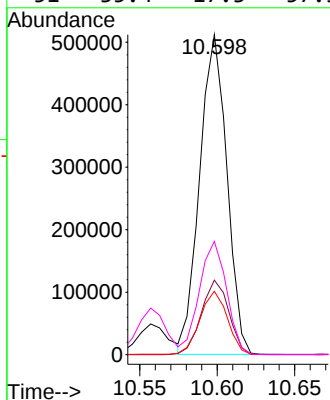
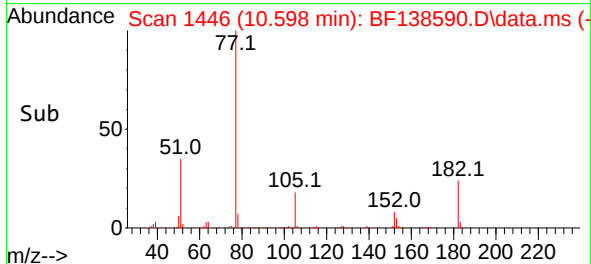
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



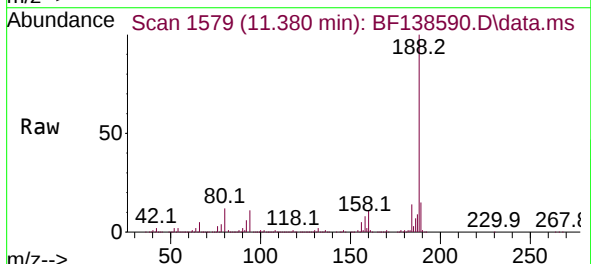
Tgt Ion: 77 Resp: 62489
Ion Ratio Lower Upper
77 100
182 23.3 3.8 43.8
105 19.8 0.0 39.8
51 35.4 17.3 57.3

Manual Integrations
APPROVED

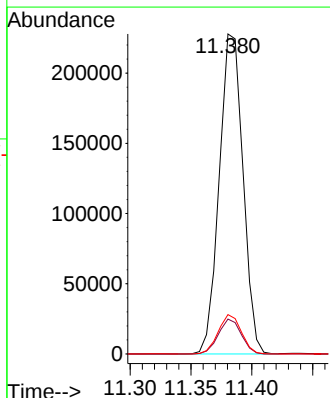
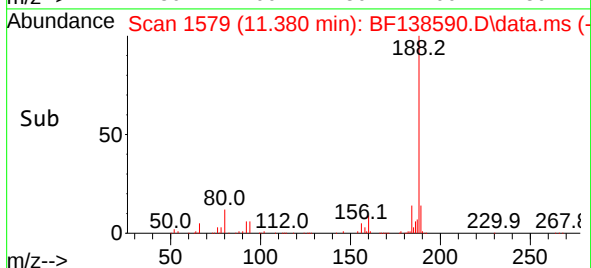
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

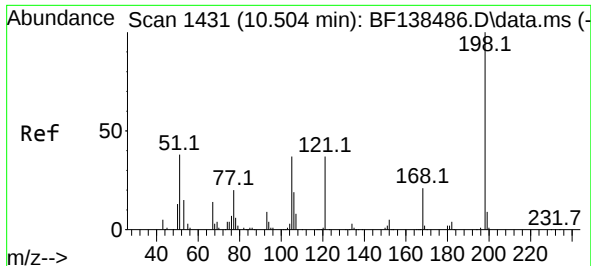


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



Tgt Ion:188 Resp: 309299
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 12.3 9.0 13.4





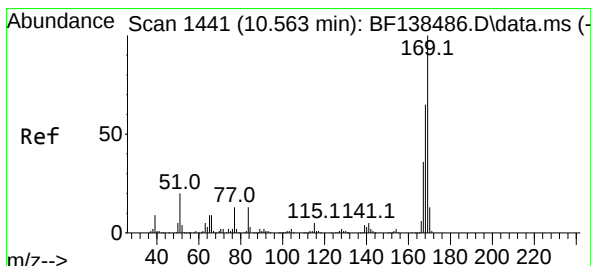
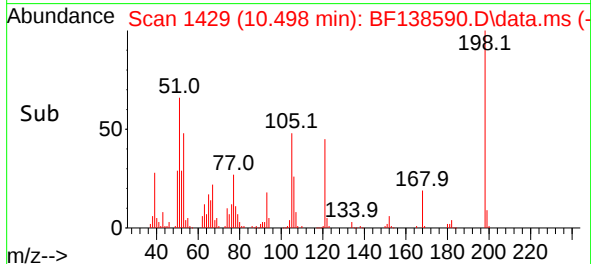
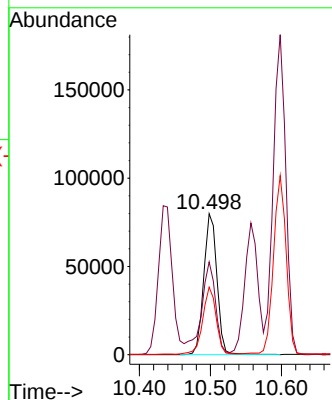
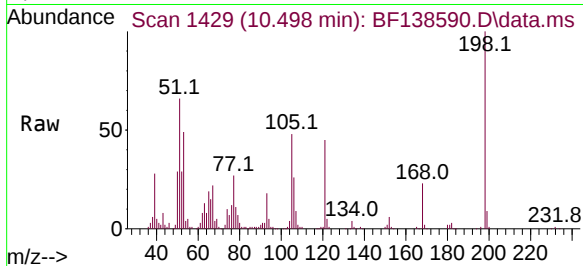
#65
4,6-Dinitro-2-methylphenol
Concen: 57.947 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS

Tgt Ion:198 Resp: 103488
Ion Ratio Lower Upper
198 100
51 65.8 27.2 67.2
105 47.9 18.5 58.5

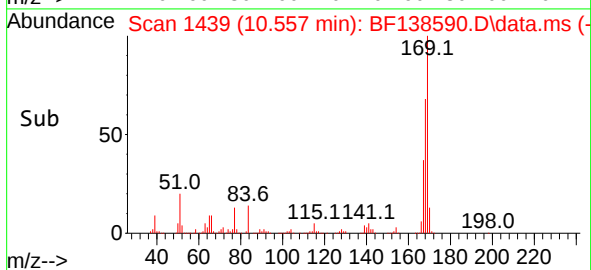
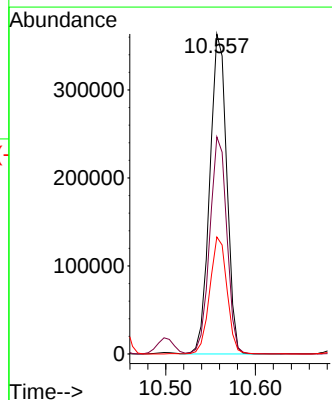
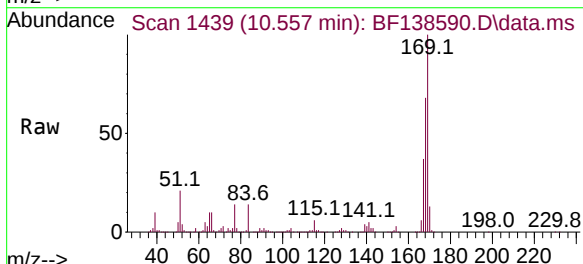
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 51.432 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

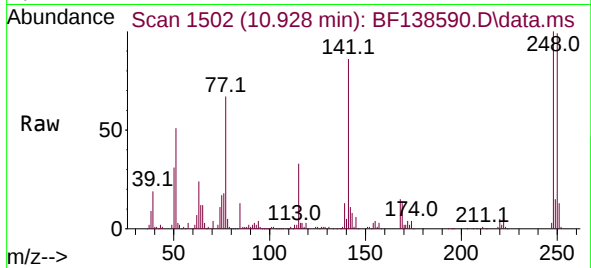
Tgt Ion:169 Resp: 476607
Ion Ratio Lower Upper
169 100
168 67.8 51.7 77.5
167 36.5 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 47.831 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

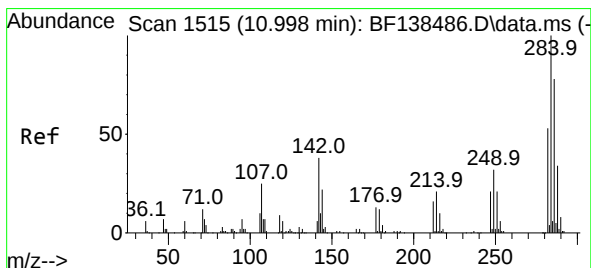
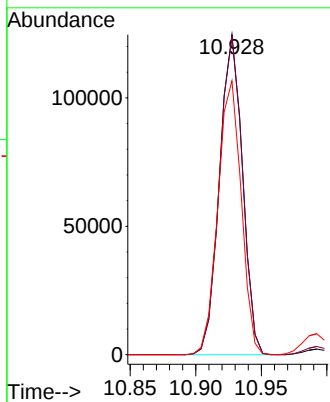
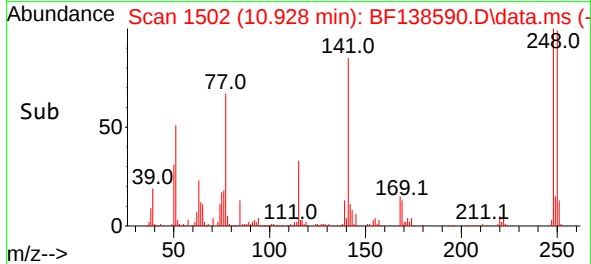
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



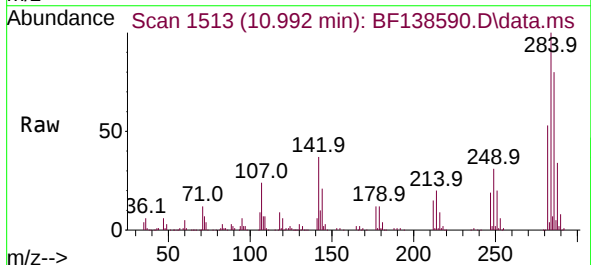
Tgt Ion:248 Resp: 15205
Ion Ratio Lower Upper
248 100
250 99.5 77.9 116.9
141 85.6 67.7 101.5

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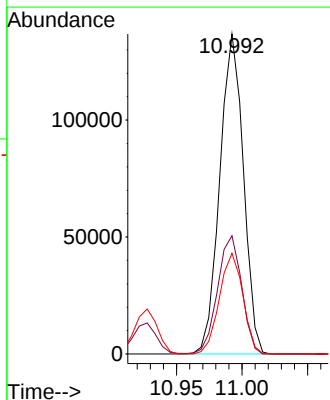
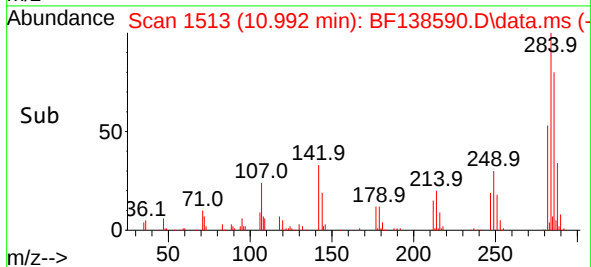
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

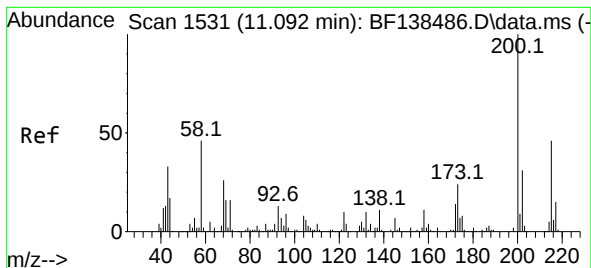


#68
Hexachlorobenzene
Concen: 48.415 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



Tgt Ion:284 Resp: 170983
Ion Ratio Lower Upper
284 100
142 37.0 30.5 45.7
249 31.5 25.9 38.9





#69

Atrazine

Concen: 47.711 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

Tgt Ion:200 Resp: 14658

Ion Ratio Lower Upper

200 100

173 25.1 4.1 44.1

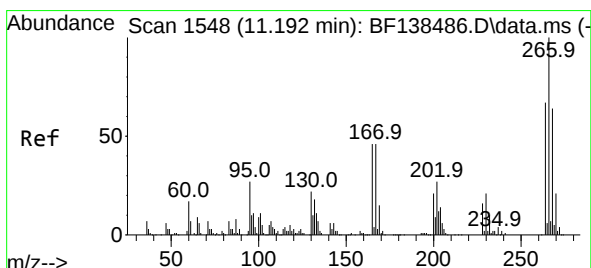
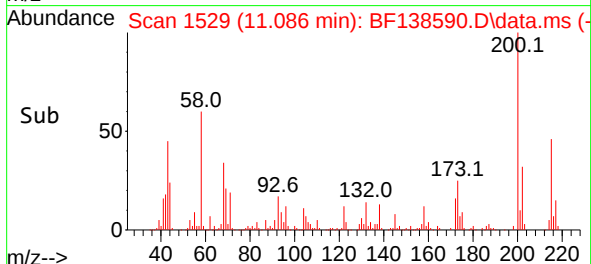
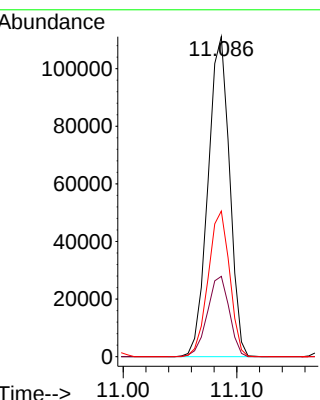
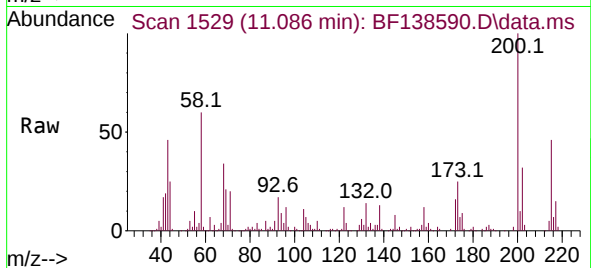
215 45.5 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#70

Pentachlorophenol

Concen: 89.484 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

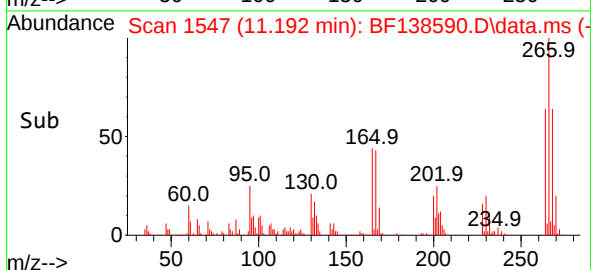
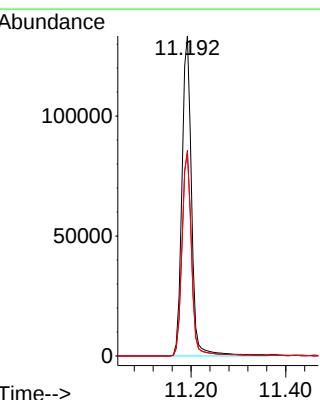
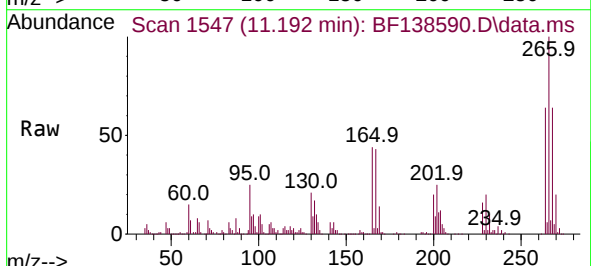
Tgt Ion:266 Resp: 187001

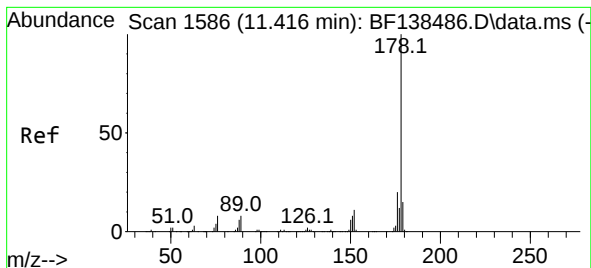
Ion Ratio Lower Upper

266 100

268 64.2 50.9 76.3

264 63.5 53.5 80.3





#71

Phenanthrene

Concen: 51.938 ng

RT: 11.410 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

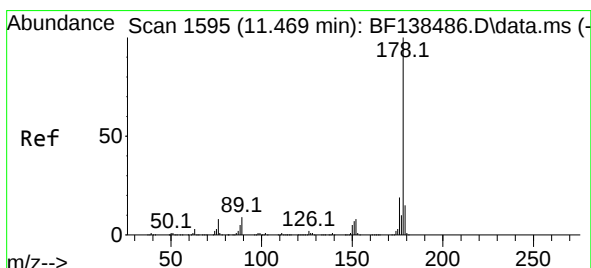
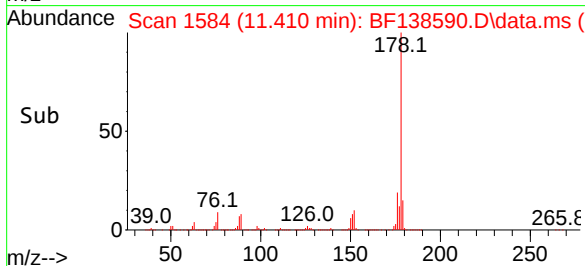
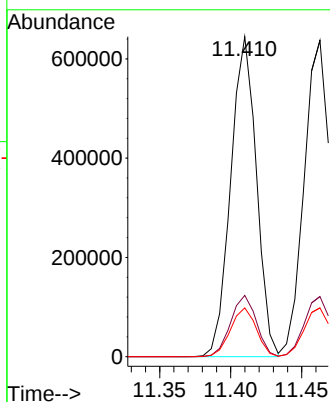
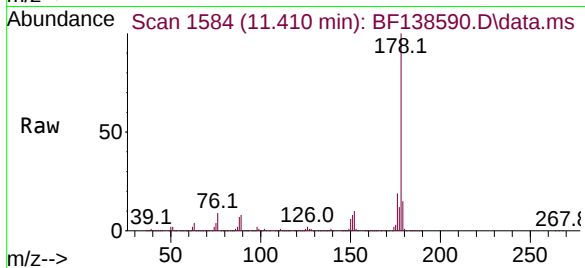
WC-CTW2-BL-02MS

Tgt Ion:178 Resp: 81159
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 15.3 12.2 18.2

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 52.584 ng

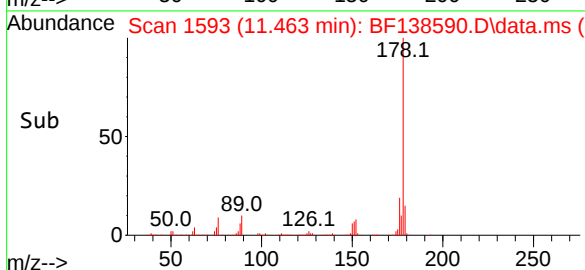
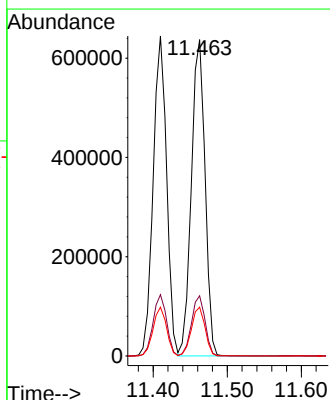
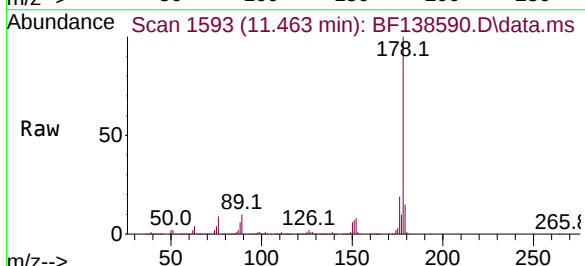
RT: 11.463 min Scan# 1593

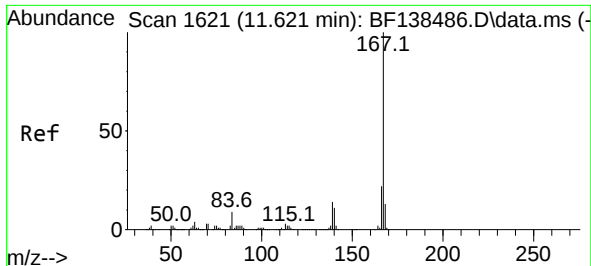
Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

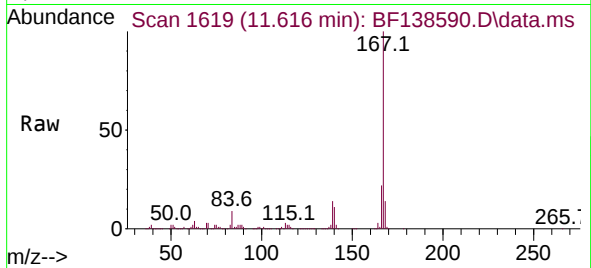
Tgt Ion:178 Resp: 815648
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.8 22.2
 179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 50.788 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138590.D
 Acq: 19 Jul 2024 15:28

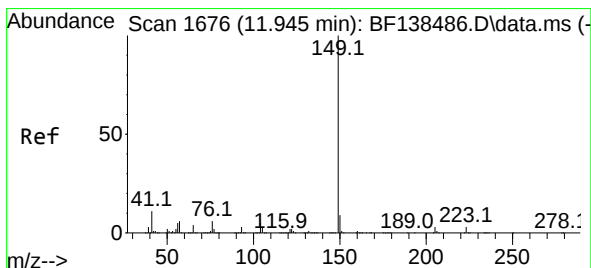
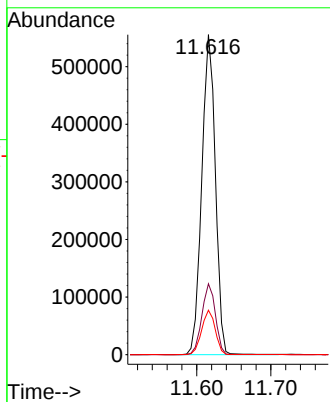
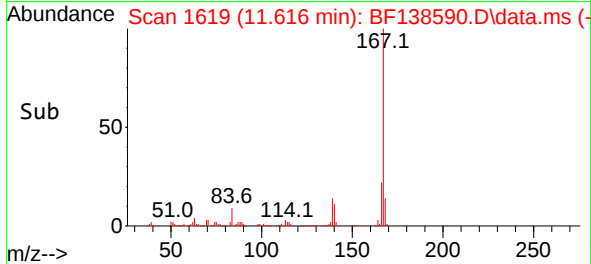
Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02MS



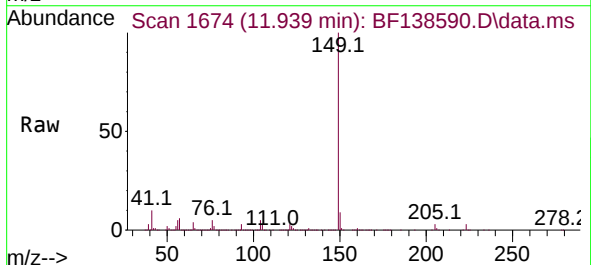
Tgt Ion:167 Resp: 707969
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.9 11.0 16.4

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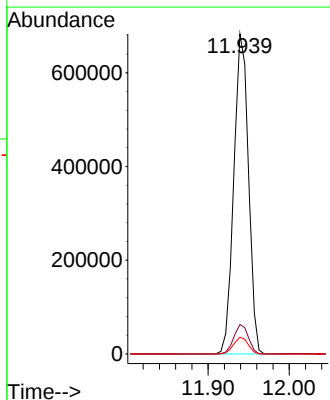
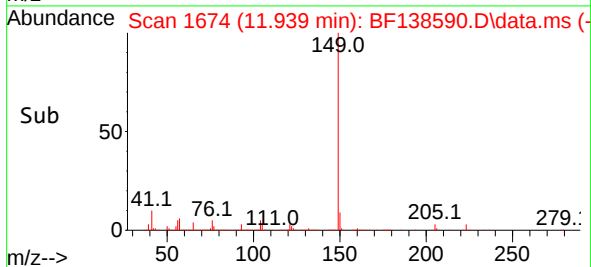
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

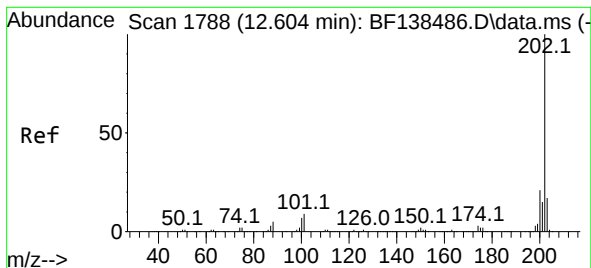


#74
 Di-n-butylphthalate
 Concen: 53.159 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138590.D
 Acq: 19 Jul 2024 15:28



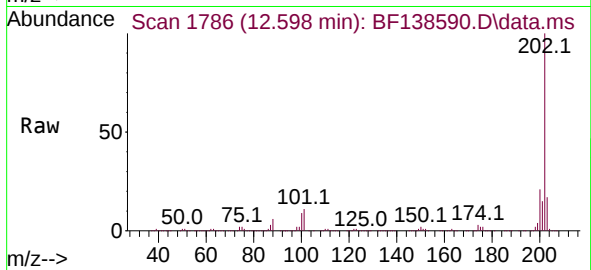
Tgt Ion:149 Resp: 854145
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 47.617 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

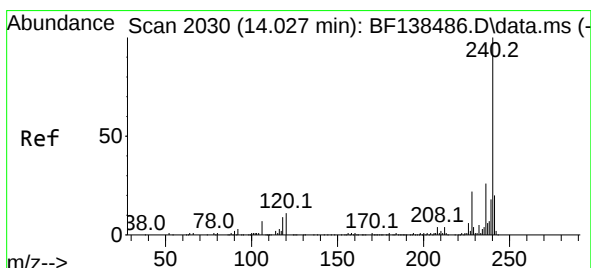
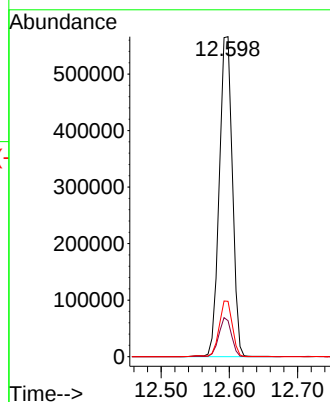
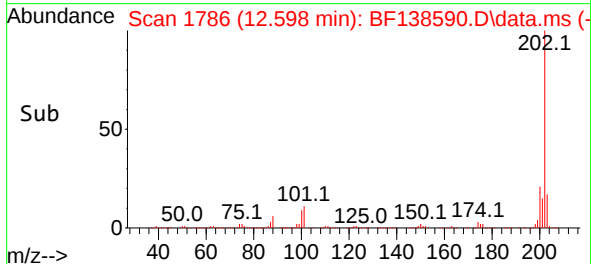
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:202 Resp: 759244
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.2
203 17.3 0.0 37.3

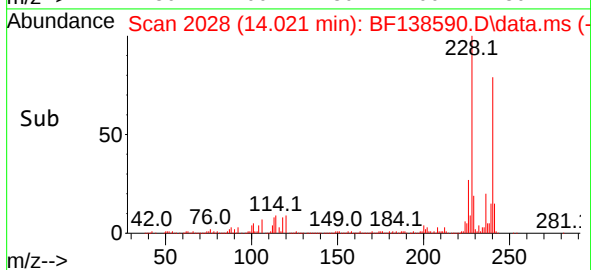
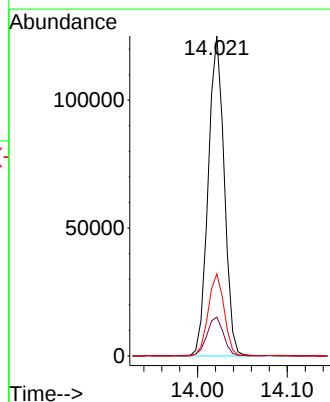
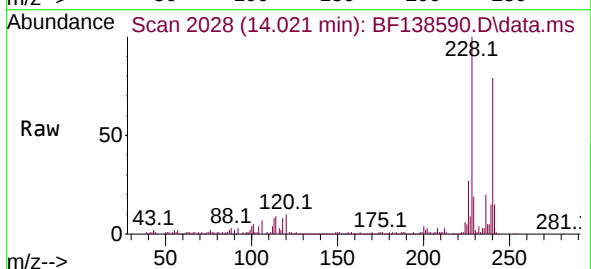
Manual Integrations
APPROVED

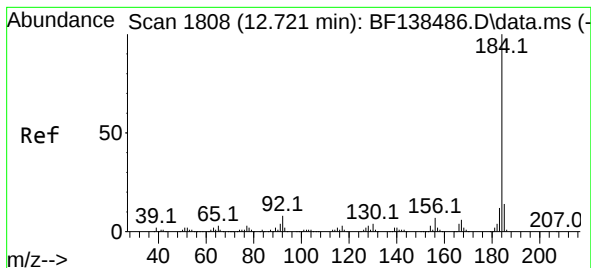
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Tgt Ion:240 Resp: 154688
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.7 21.0 31.6





#77

Benzidine

Concen: 19.524 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.005 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

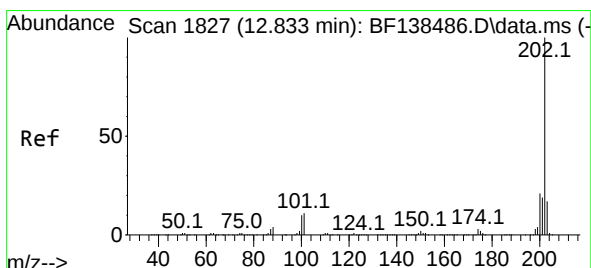
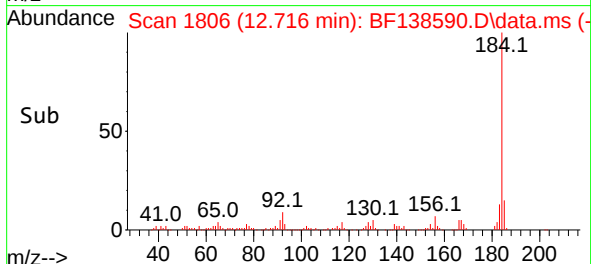
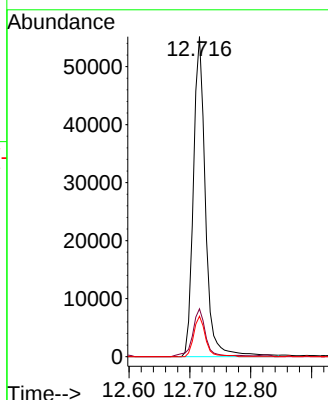
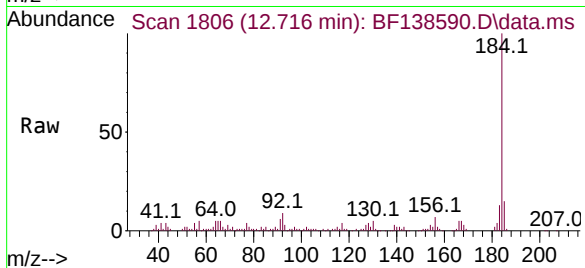
Tgt Ion:184	Resp:	76199
Ion Ratio	Lower	Upper
184	100	
185	14.9	11.3 16.9
183	12.6	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#78

Pyrene

Concen: 47.572 ng

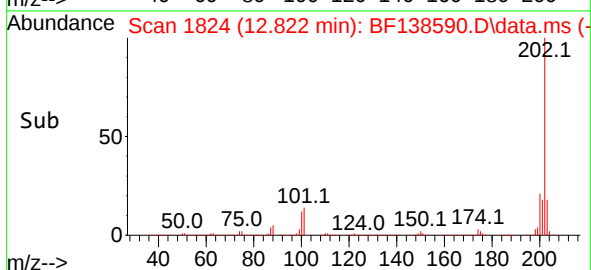
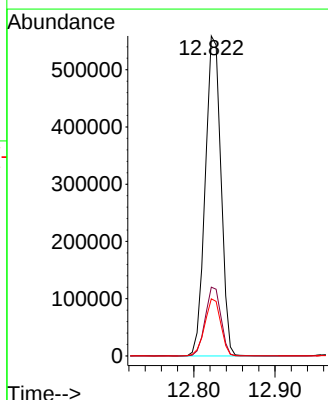
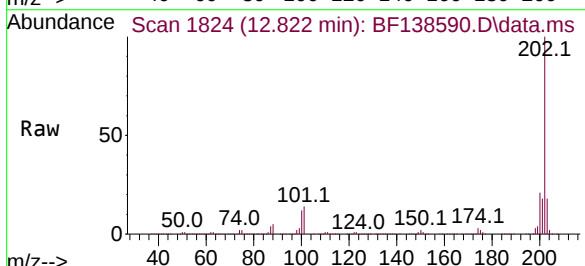
RT: 12.822 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

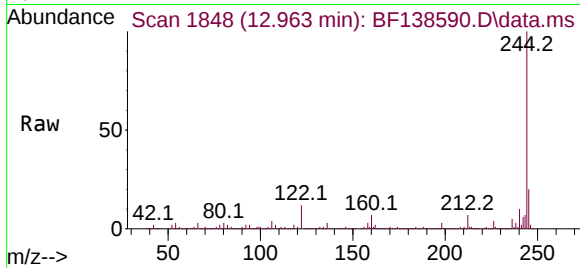
Tgt Ion:202	Resp:	747016
Ion Ratio	Lower	Upper
202	100	
200	21.5	17.0 25.6
203	17.9	13.7 20.5





#79
 Terphenyl-d14
 Concen: 79.460 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138590.D
 Acq: 19 Jul 2024 15:28

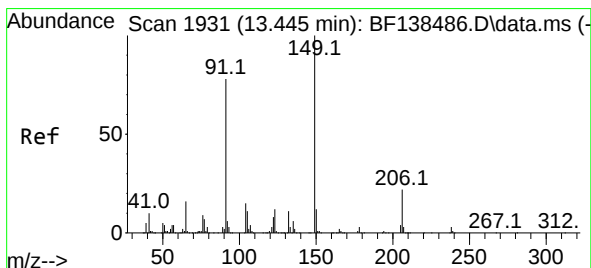
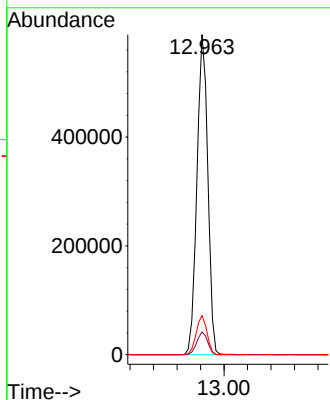
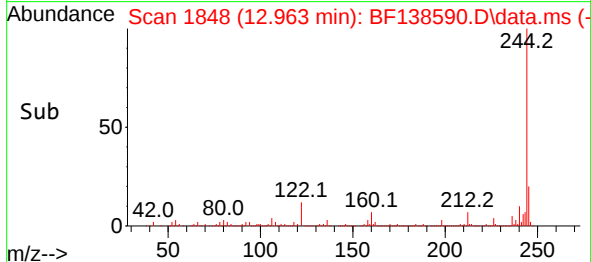
Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02MS



Tgt Ion:244 Resp: 754488
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.2 7.8 11.8

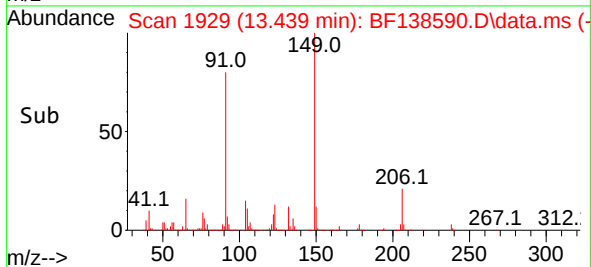
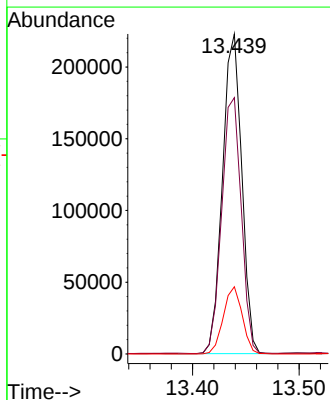
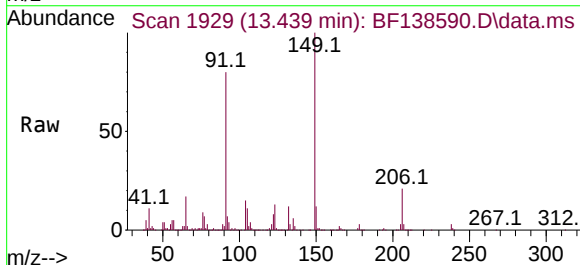
Manual Integrations
 APPROVED

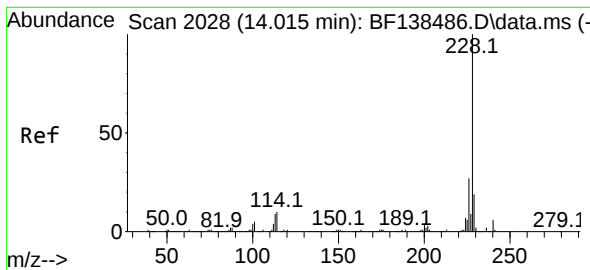
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#80
 Butylbenzylphthalate
 Concen: 59.103 ng
 RT: 13.439 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF138590.D
 Acq: 19 Jul 2024 15:28

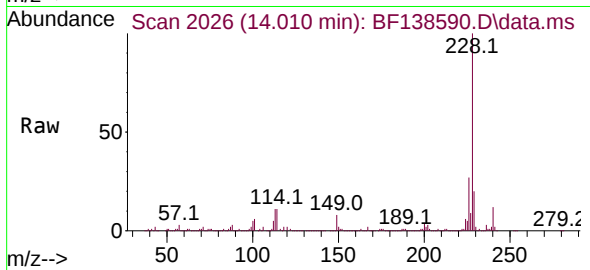
Tgt Ion:149 Resp: 279185
 Ion Ratio Lower Upper
 149 100
 91 80.1 62.1 93.1
 206 21.0 18.0 27.0





#81
Benzo(a)anthracene
Concen: 52.355 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

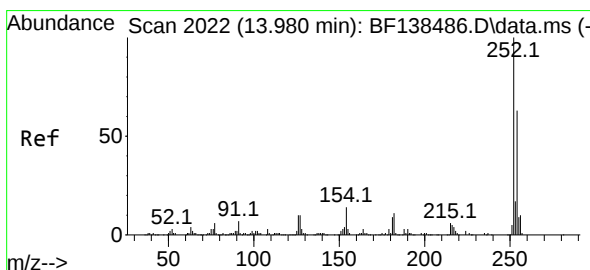
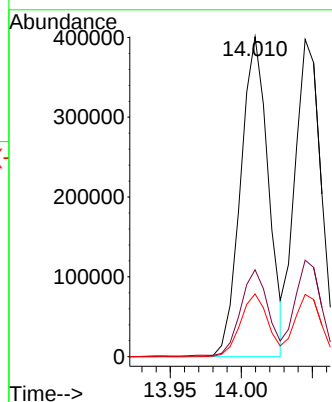
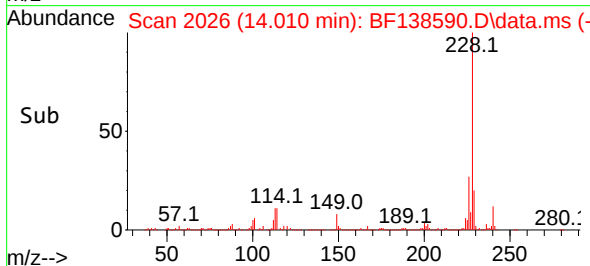
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



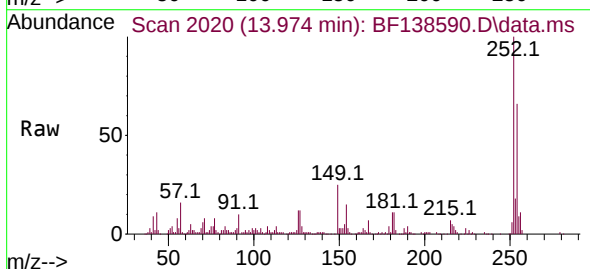
Tgt Ion:228 Resp: 543420
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.6 15.5 23.3

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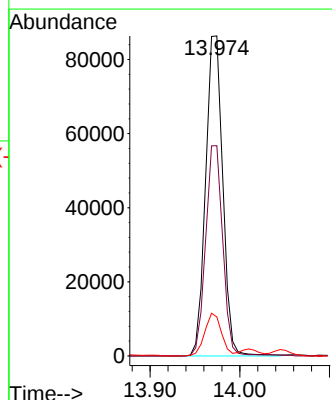
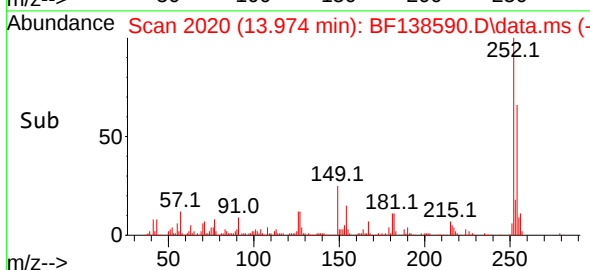
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

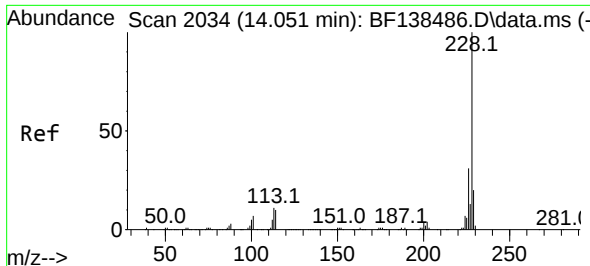


#82
3,3'-Dichlorobenzidine
Concen: 42.894 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28



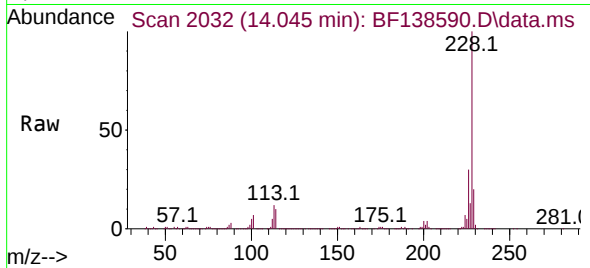
Tgt Ion:252 Resp: 114723
Ion Ratio Lower Upper
252 100
254 65.7 50.3 75.5
126 12.2 8.1 12.1#





#83
Chrysene
Concen: 51.493 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

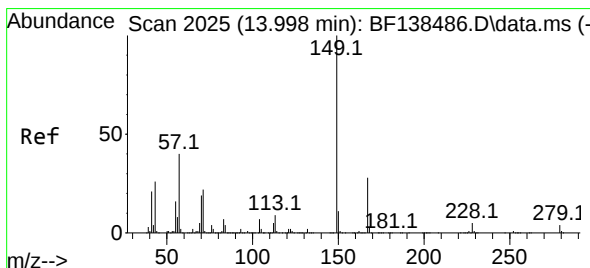
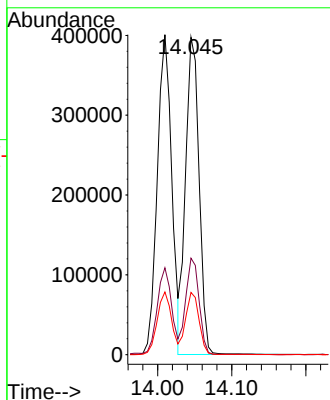
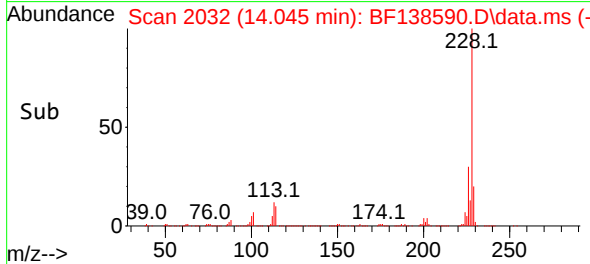
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS



Tgt Ion:228 Resp: 505614
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.6 16.0 24.0

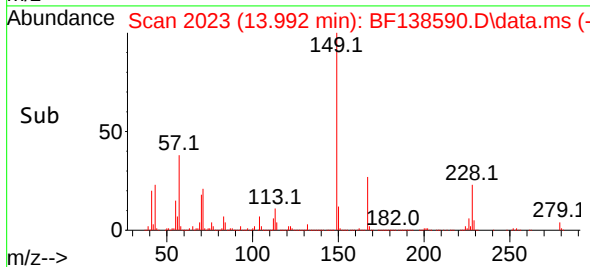
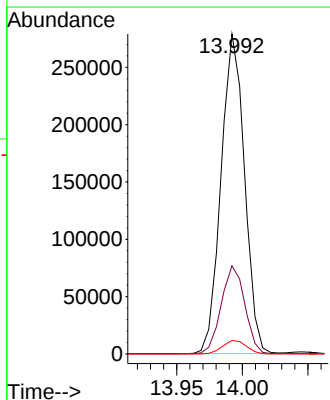
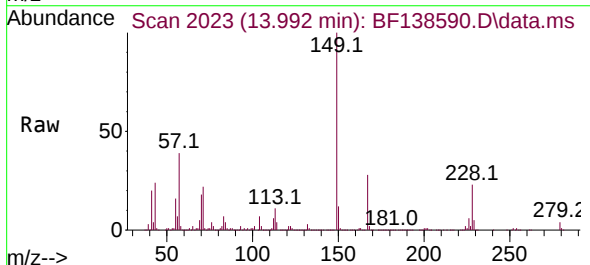
Manual Integrations
APPROVED

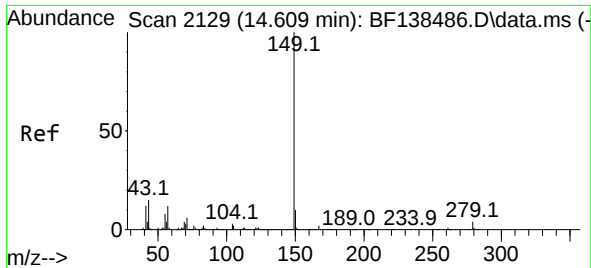
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.835 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Tgt Ion:149 Resp: 346786
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.2 3.0 4.6





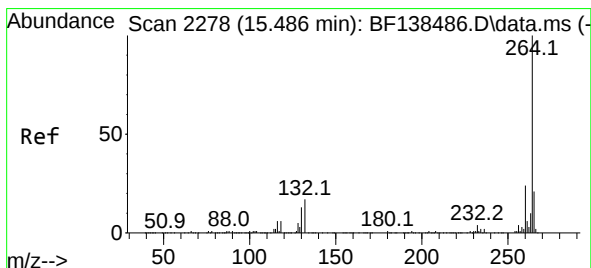
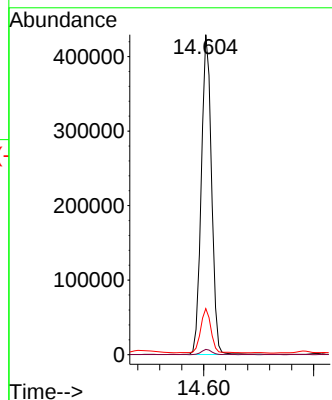
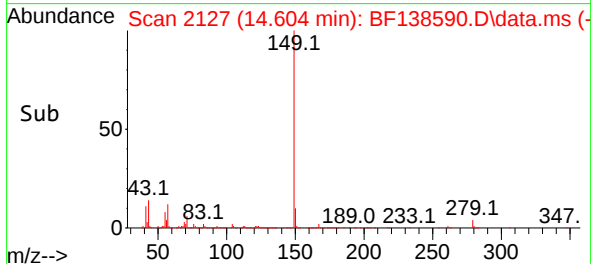
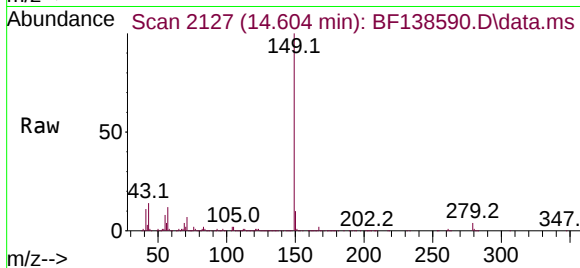
#85
Di-n-octyl phthalate
Concen: 69.639 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS

Tgt Ion:149 Resp: 55423
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 13.9 10.7 16.1

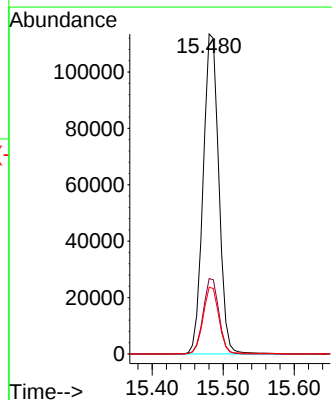
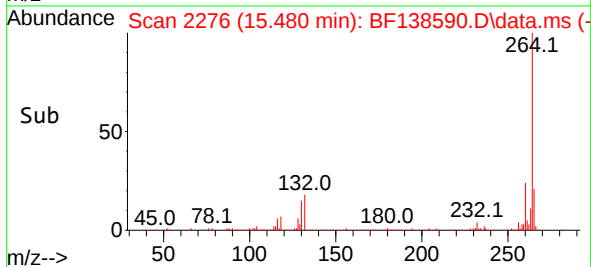
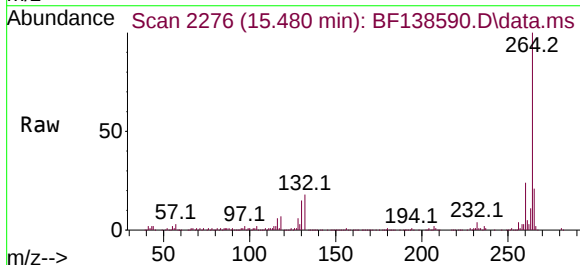
Manual Integrations
APPROVED

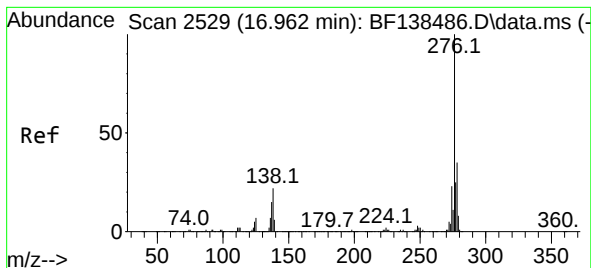
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Tgt Ion:264 Resp: 174593
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.522 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

Tgt Ion:276 Resp: 604220

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

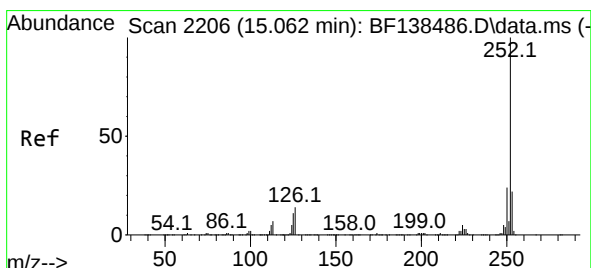
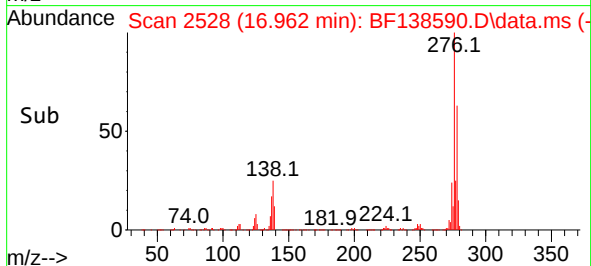
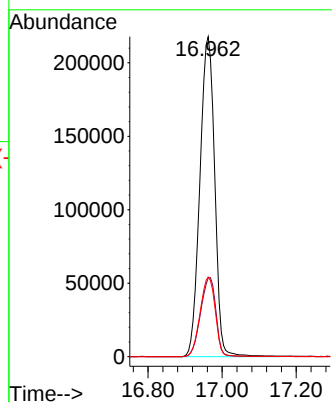
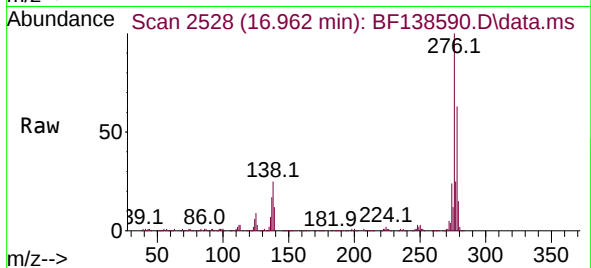
277 25.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#88

Benzo(b)fluoranthene

Concen: 54.738 ng

RT: 15.057 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

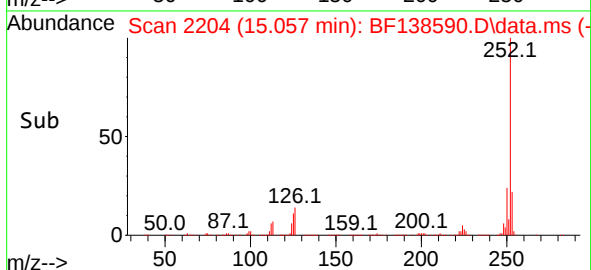
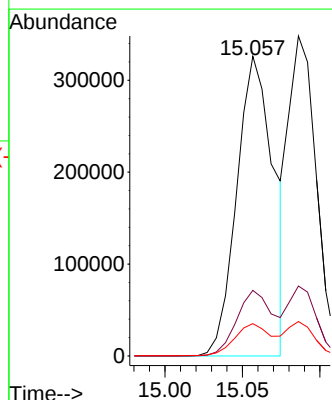
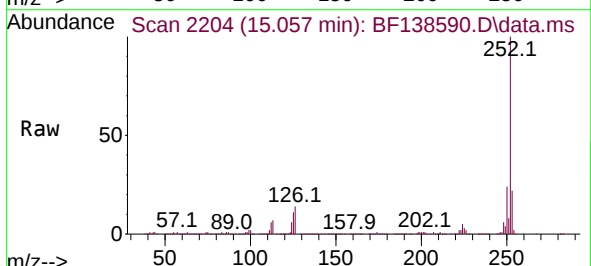
Tgt Ion:252 Resp: 538213

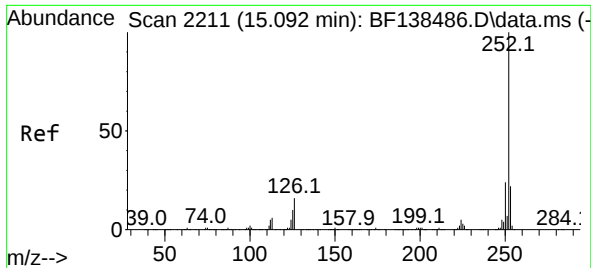
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.8 8.6 13.0





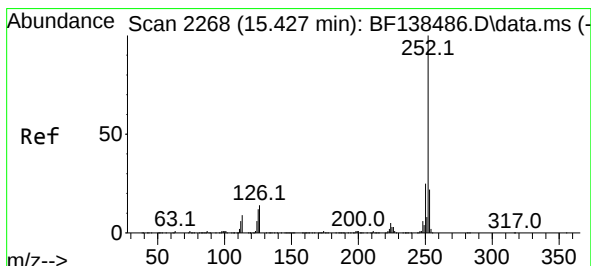
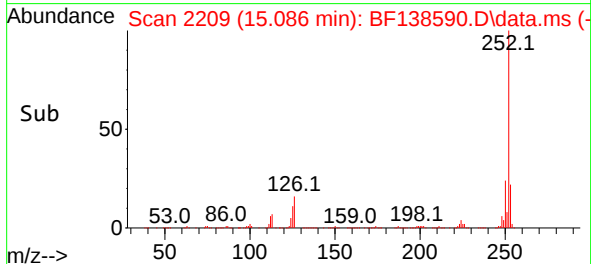
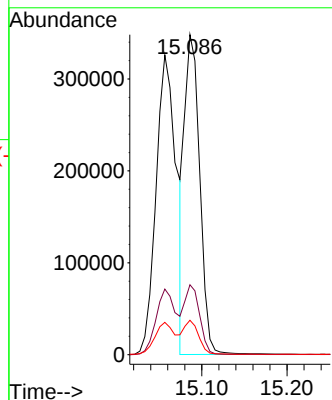
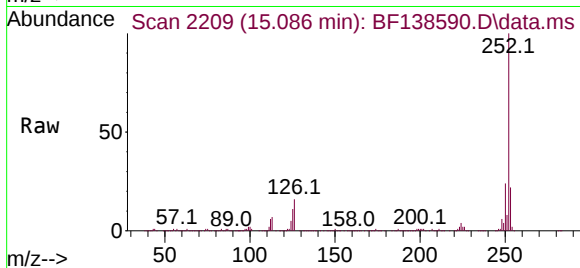
#89
Benzo(k)fluoranthene
Concen: 45.208 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MS

Tgt Ion:252 Resp: 43352
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.8 8.1 12.1

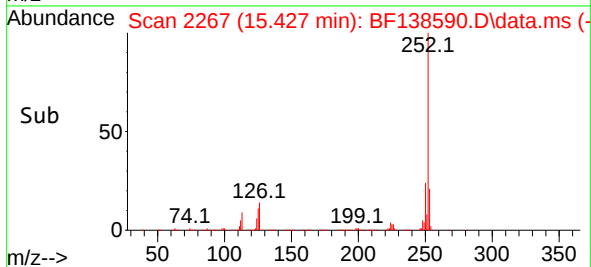
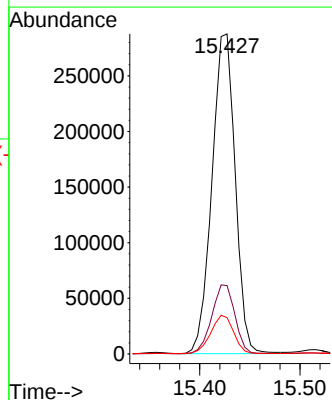
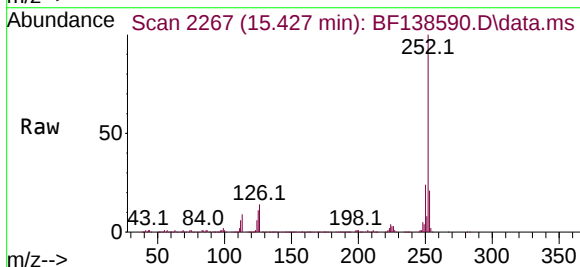
Manual Integrations
APPROVED

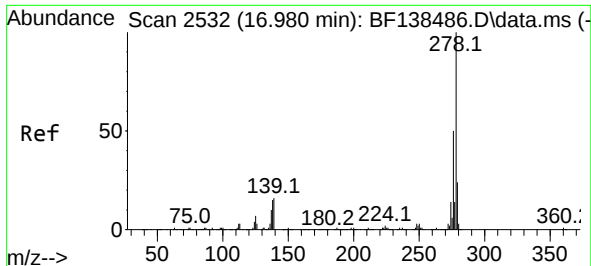
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#90
Benzo(a)pyrene
Concen: 53.684 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF138590.D
Acq: 19 Jul 2024 15:28

Tgt Ion:252 Resp: 463692
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 11.3 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 49.975 ng

RT: 16.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MS

Tgt Ion: 278 Resp: 479414

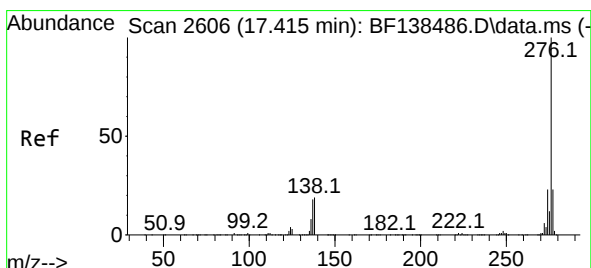
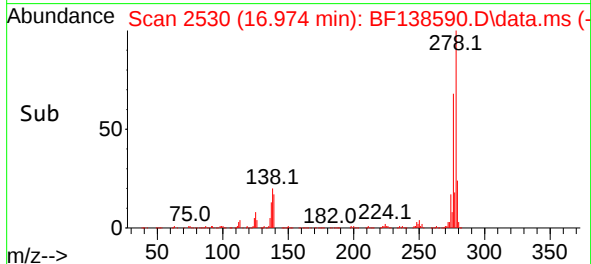
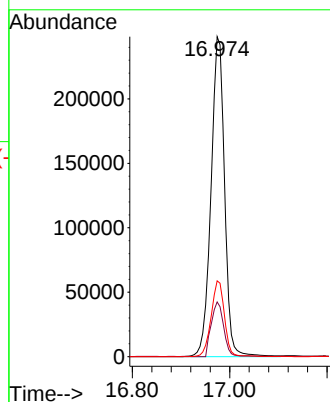
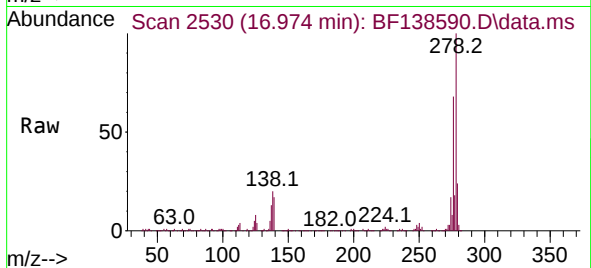
Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.7	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#92

Benzo(g,h,i)perylene

Concen: 46.222 ng

RT: 17.404 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF138590.D

Acq: 19 Jul 2024 15:28

Tgt Ion: 276 Resp: 470196

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.0	27.0
138	22.6	15.5	23.3

