

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138586.D
 Acq On : 19 Jul 2024 13:28
 Operator : RC/JU
 Sample : P3246-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-01MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 14:05:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	71628	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	293898	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	161564	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	291130	20.000	ng	0.00
76) Chrysene-d12	14.021	240	151731	20.000	ng	0.00
86) Perylene-d12	15.480	264	166878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	601749	133.052	ng	0.01
7) Phenol-d6	6.504	99	777660	129.255	ng	0.00
23) Nitrobenzene-d5	7.428	82	568472	94.967	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	223323	147.898	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	935113	90.459	ng	-0.01
79) Terphenyl-d14	12.963	244	1014841	108.962	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	86905	43.386	ng	# 80
3) Pyridine	3.540	79	183632	37.175	ng	99
4) n-Nitrosodimethylamine	3.475	42	166182	51.679	ng	91
6) Aniline	6.528	93	154528	27.421	ng	# 52
8) 2-Chlorophenol	6.651	128	261749	54.733	ng	99
9) Benzaldehyde	6.416	77	6645	2.063	ng	97
10) Phenol	6.516	94	311164	48.725	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	258783	53.822	ng	99
12) 1,3-Dichlorobenzene	6.804	146	251080	46.708	ng	99
13) 1,4-Dichlorobenzene	6.881	146	257074	47.094	ng	99
14) 1,2-Dichlorobenzene	7.028	146	244201	48.033	ng	97
15) Benzyl Alcohol	7.004	79	262774	58.197	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	471799	49.898	ng	84
17) 2-Methylphenol	7.122	107	215564	55.000	ng	# 92
18) Hexachloroethane	7.369	117	92457	46.073	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	199809	53.747	ng	97
20) 3+4-Methylphenols	7.275	107	270509	54.809	ng	90
22) Acetophenone	7.269	105	339103	47.507	ng	98
24) Nitrobenzene	7.445	77	303774	49.938	ng	98
25) Isophorone	7.681	82	551661	53.665	ng	99
26) 2-Nitrophenol	7.757	139	139122	53.360	ng	95
27) 2,4-Dimethylphenol	7.798	122	188680	58.881	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	323894	52.721	ng	98
29) 2,4-Dichlorophenol	8.004	162	219350	52.713	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	220503	45.487	ng	98
31) Naphthalene	8.163	128	761126	49.795	ng	100
32) Benzoic acid	7.928	122	146680	47.993	ng	94
33) 4-Chloroaniline	8.210	127	77481	14.447	ng	99
34) Hexachlorobutadiene	8.275	225	122003	40.871	ng	98
35) Caprolactam	8.592	113	62238m	46.350	ng	
36) 4-Chloro-3-methylphenol	8.704	107	256087	54.971	ng	99
37) 2-Methylnaphthalene	8.851	142	501809	51.016	ng	99
38) 1-Methylnaphthalene	8.951	142	467236	48.671	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	202244	44.914	ng	98
41) Hexachlorocyclopentadiene	9.004	237	170606	116.729	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	152464	53.081	ng	98

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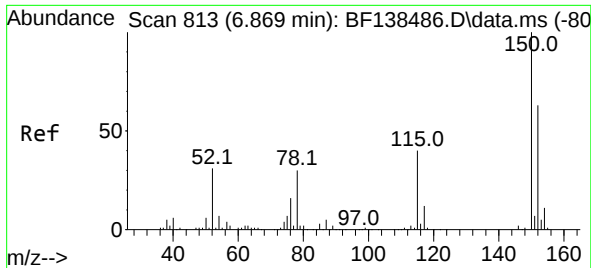
Manual Integrations
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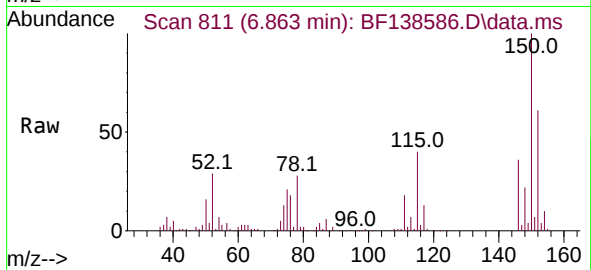
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	162428	51.415	ng	95
46) 1,1'-Biphenyl	9.316	154	593091	48.439	ng	99
47) 2-Chloronaphthalene	9.345	162	470316	50.846	ng	100
48) 2-Nitroaniline	9.445	65	187274	58.425	ng	98
49) Acenaphthylene	9.763	152	756445	57.601	ng	100
50) Dimethylphthalate	9.622	163	585483	56.043	ng	100
51) 2,6-Dinitrotoluene	9.686	165	129295	53.752	ng	90
52) Acenaphthene	9.933	154	468587	53.678	ng	99
53) 3-Nitroaniline	9.851	138	42855	17.383	ng	92
54) 2,4-Dinitrophenol	9.963	184	145620	110.886	ng	95
55) Dibenzofuran	10.104	168	681350	53.811	ng	100
56) 4-Nitrophenol	10.028	139	188197	103.456	ng	96
57) 2,4-Dinitrotoluene	10.092	165	175897	56.517	ng	93
58) Fluorene	10.445	166	545324	54.430	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	139154	55.812	ng	98
60) Diethylphthalate	10.322	149	564213	56.022	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	255951	50.876	ng	93
62) 4-Nitroaniline	10.469	138	130944	53.003	ng	100
63) Azobenzene	10.598	77	616021	56.891	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	103347	61.479	ng	79
66) n-Nitrosodiphenylamine	10.557	169	476855	54.670	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	155913	52.105	ng	98
68) Hexachlorobenzene	10.992	284	171208	51.504	ng	96
69) Atrazine	11.080	200	118029	40.814	ng	98
70) Pentachlorophenol	11.192	266	199032	101.185	ng	98
71) Phenanthrene	11.410	178	820787	55.805	ng	100
72) Anthracene	11.463	178	828410	56.740	ng	100
73) Carbazole	11.616	167	725290	55.278	ng	99
74) Di-n-butylphthalate	11.939	149	877473	58.019	ng	100
75) Fluoranthene	12.592	202	801708	53.418	ng	97
77) Benzidine	12.716	184	8641	2.257	ng	# 93
78) Pyrene	12.821	202	808509	52.491	ng	99
80) Butylbenzylphthalate	13.439	149	306999	66.257	ng	99
81) Benzo(a)anthracene	14.010	228	587942	57.748	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	90798	34.610	ng	# 96
83) Chrysene	14.045	228	535052	55.553	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	385193	77.948	ng	99
85) Di-n-octyl phthalate	14.604	149	566098	72.516	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	644960	57.538	ng	99
88) Benzo(b)fluoranthene	15.057	252	507080	53.956	ng	99
89) Benzo(k)fluoranthene	15.086	252	510378	55.683	ng	99
90) Benzo(a)pyrene	15.421	252	475734	57.624	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	516723	56.354	ng	99
92) Benzo(g,h,i)perylene	17.404	276	498254	51.245	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

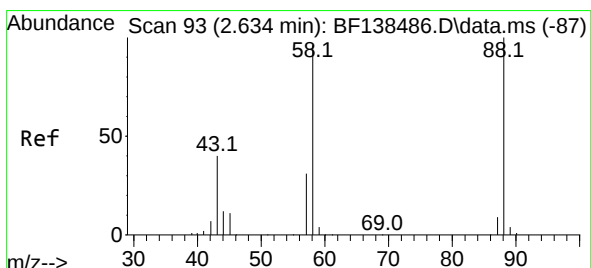
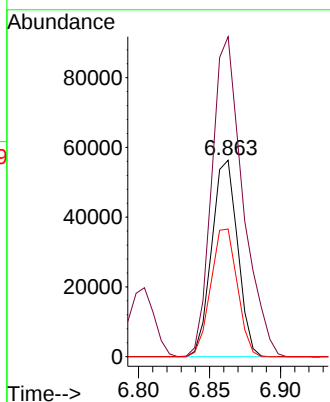
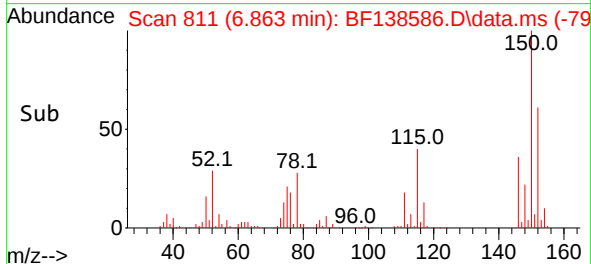
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:152 Resp: 71628
Ion Ratio Lower Upper
152 100
150 162.8 126.2 189.4
115 65.0 50.3 75.5

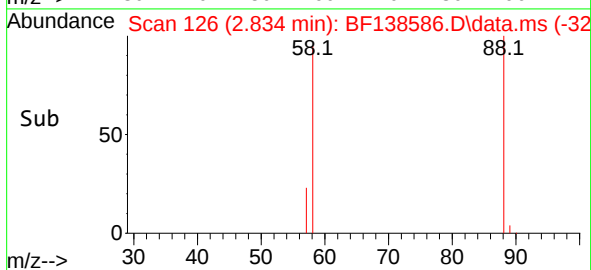
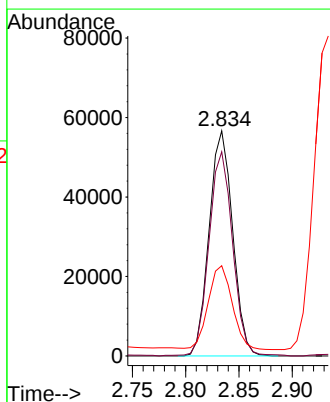
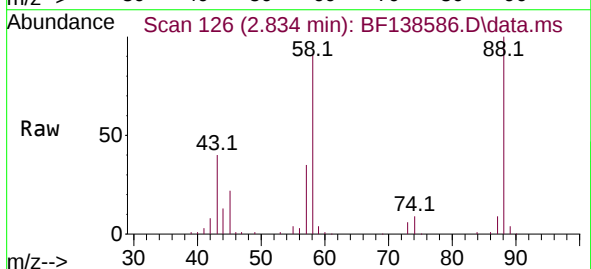
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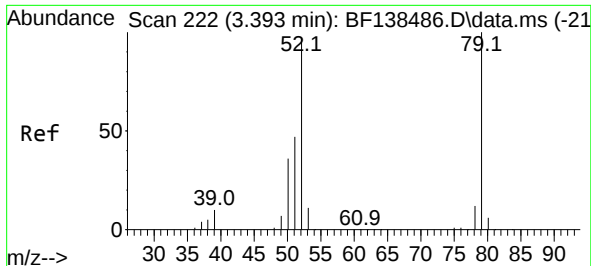
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#2
1,4-Dioxane
Concen: 43.386 ng
RT: 2.834 min Scan# 126
Delta R.T. 0.200 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion: 88 Resp: 86905
Ion Ratio Lower Upper
88 100
58 91.7 74.6 112.0
43 0.0 31.8 47.6#





#3

Pyridine

Concen: 37.175 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.147 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

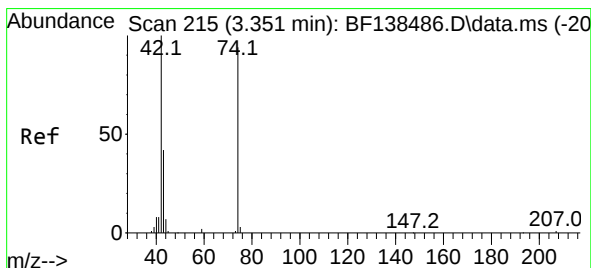
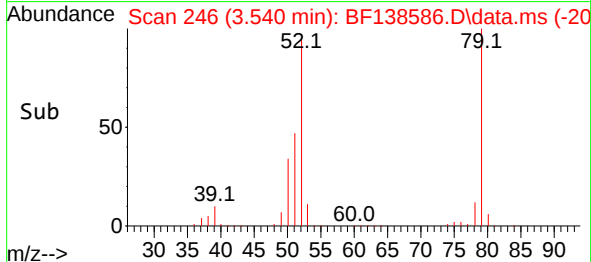
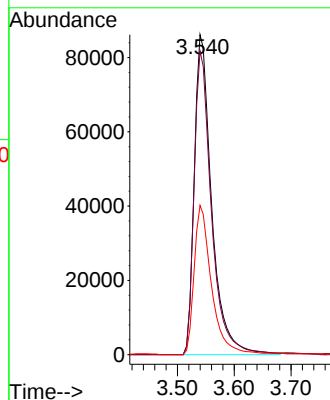
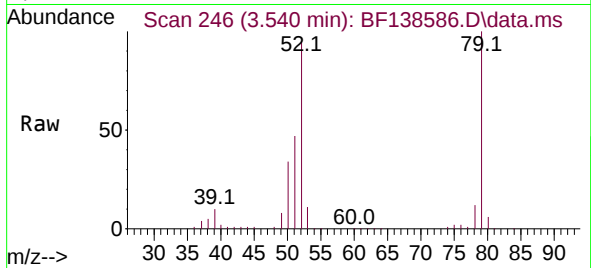
WC-CTW2-BL-01MSD

Tgt Ion: 79 Resp: 18363

Ion	Ratio	Lower	Upper
79	100		
52	94.9	77.4	116.2
51	46.7	37.4	56.0

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#4

n-Nitrosodimethylamine

Concen: 51.679 ng

RT: 3.475 min Scan# 235

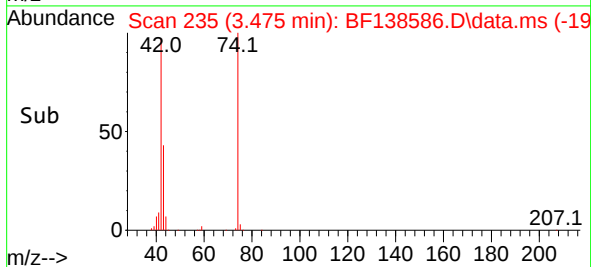
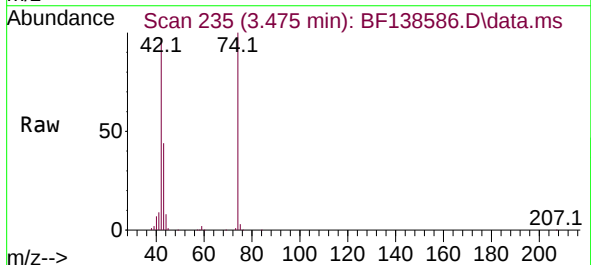
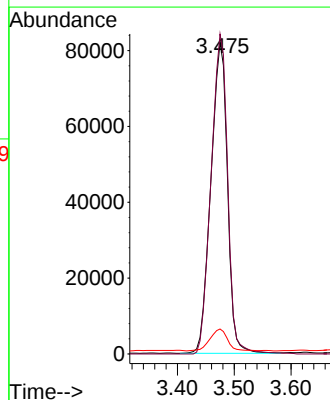
Delta R.T. 0.124 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Tgt Ion: 42 Resp: 166182

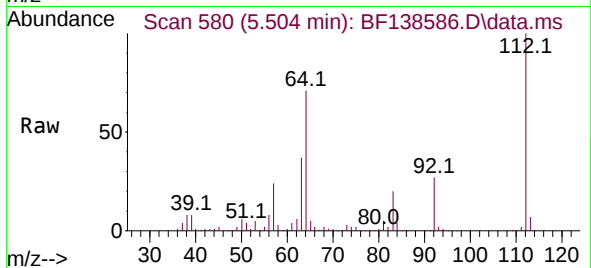
Ion	Ratio	Lower	Upper
42	100		
74	102.7	75.0	112.6
44	8.0	5.4	8.2





#5
2-Fluorophenol
Concen: 133.052 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

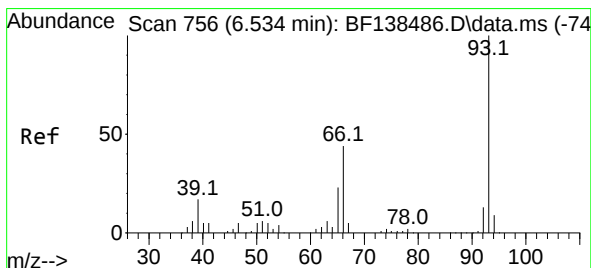
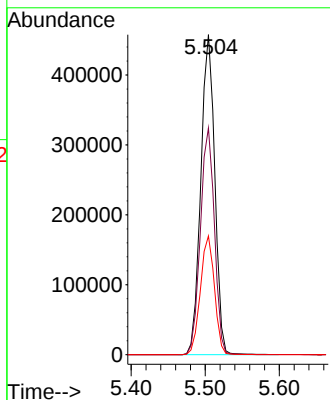
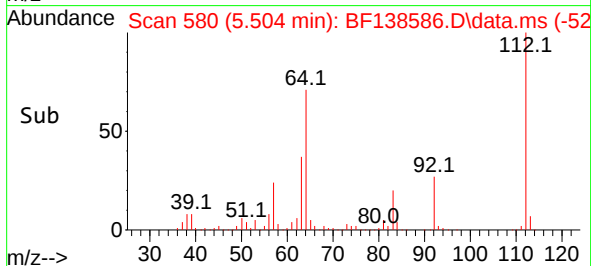
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:112 Resp: 601749
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 37.1 29.0 43.6

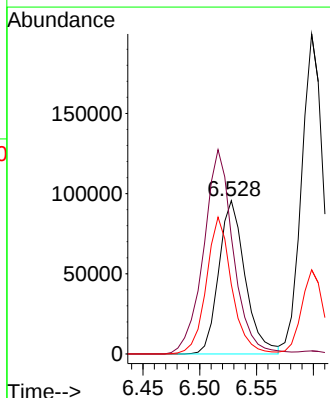
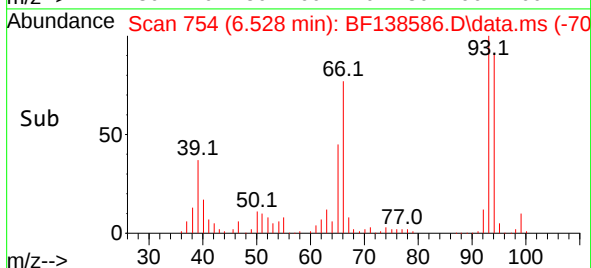
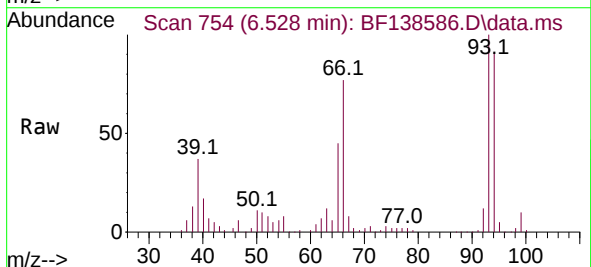
Manual Integrations
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Supervised By :mohammad ahmed 07/22/2024



#6
Aniline
Concen: 27.421 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

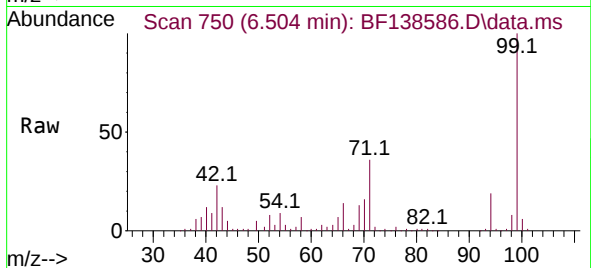
Tgt Ion: 93 Resp: 154528
Ion Ratio Lower Upper
93 100
66 76.5 35.4 53.0#
65 45.3 18.6 27.8#





#7
Phenol-d6
Concen: 129.255 ng
RT: 6.504 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

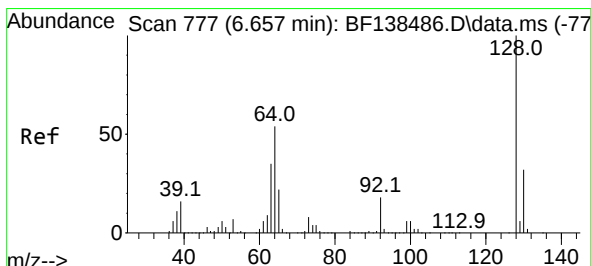
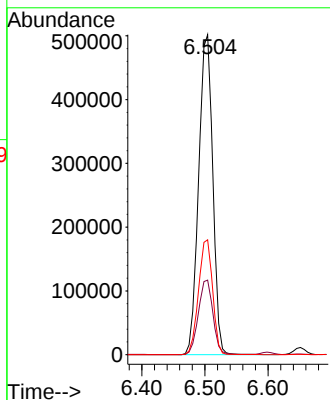
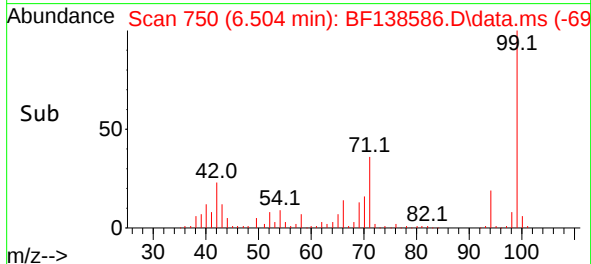
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion: 99 Resp: 777660
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 35.9 29.9 44.9

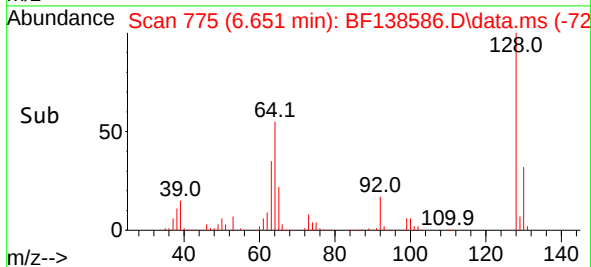
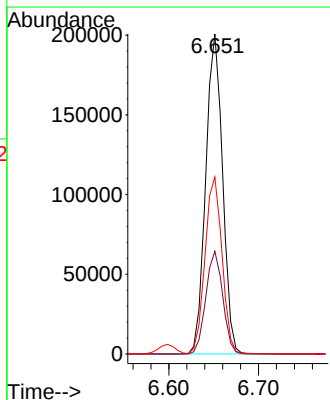
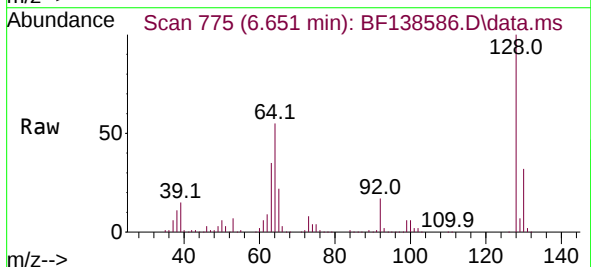
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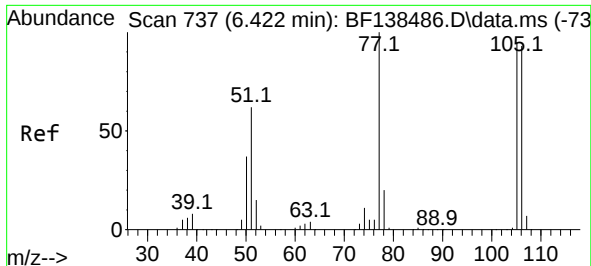
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#8
2-Chlorophenol
Concen: 54.733 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:128 Resp: 261749
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 55.3 34.4 74.4





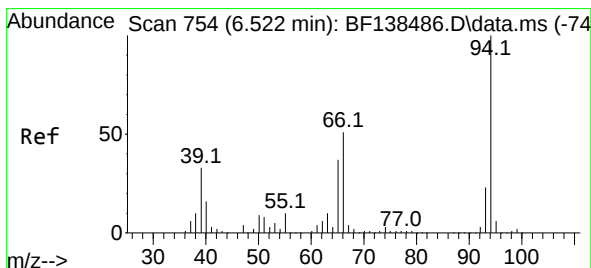
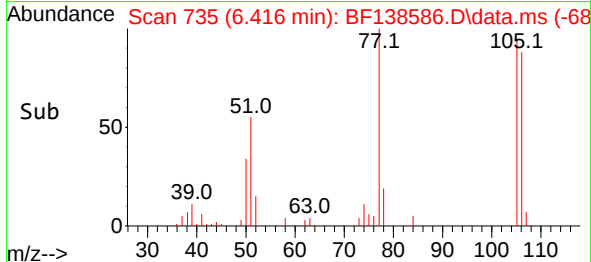
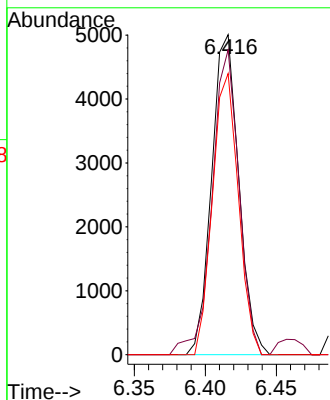
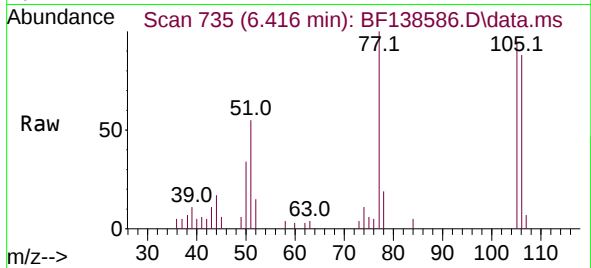
#9
Benzaldehyde
Concen: 2.063 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD

Tgt Ion: 77 Resp: 664
Ion Ratio Lower Upper
77 100
105 95.3 75.1 115.1
106 87.9 73.2 113.2

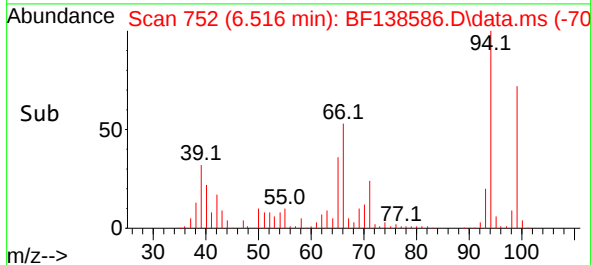
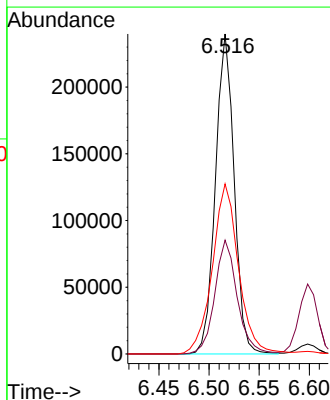
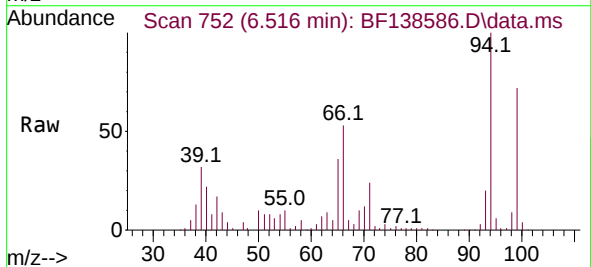
Manual Integrations
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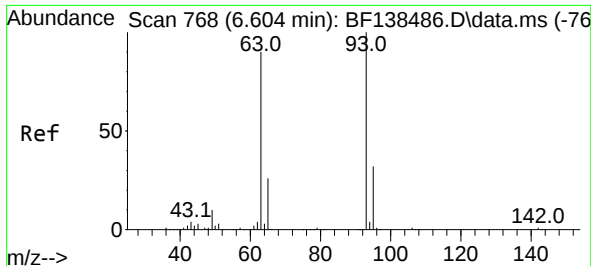
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Phenol
Concen: 48.725 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion: 94 Resp: 311164
Ion Ratio Lower Upper
94 100
65 35.6 16.7 56.7
66 53.1 31.2 71.2





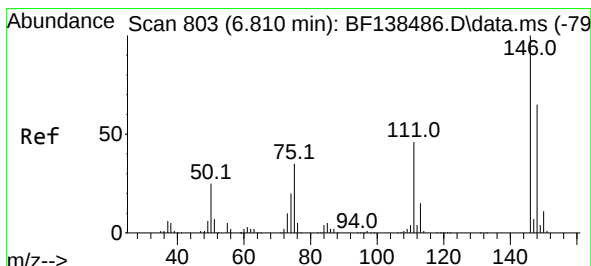
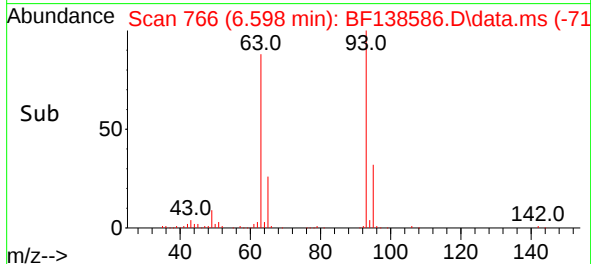
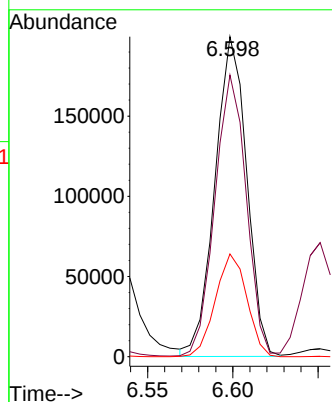
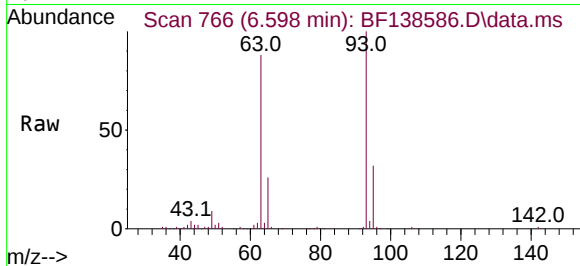
#11
bis(2-Chloroethyl)ether
Concen: 53.822 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD

Tgt Ion: 93 Resp: 25878
Ion Ratio Lower Upper
93 100
63 88.0 68.8 108.8
95 32.1 11.8 51.8

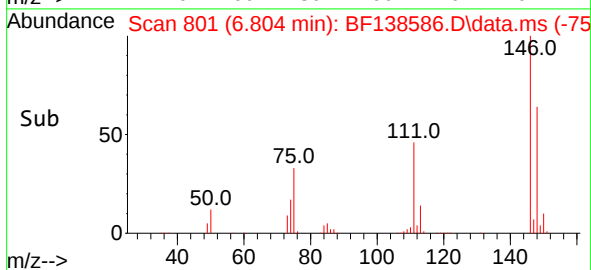
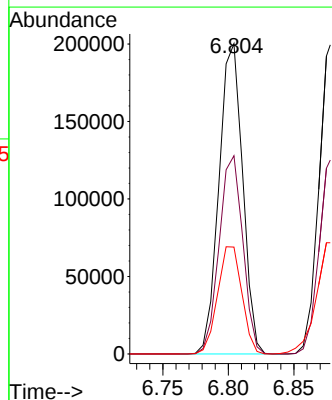
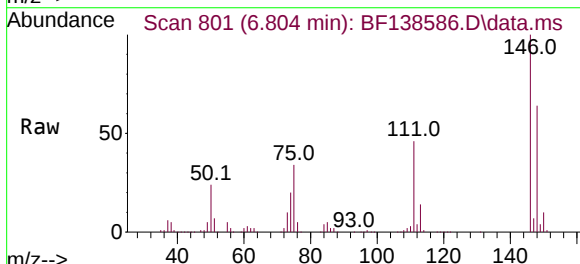
Manual Integrations
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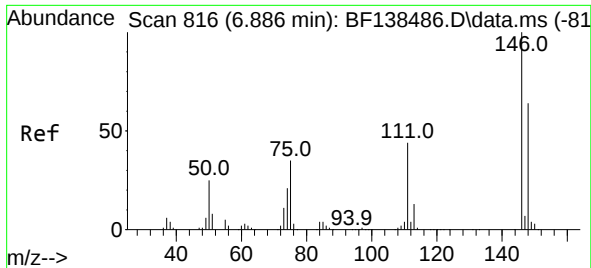
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
1,3-Dichlorobenzene
Concen: 46.708 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:146 Resp: 251080
Ion Ratio Lower Upper
146 100
148 63.9 52.4 78.6
75 34.5 27.8 41.8





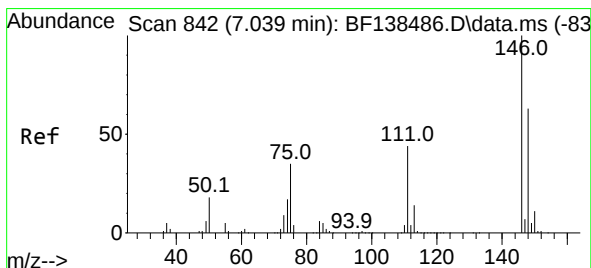
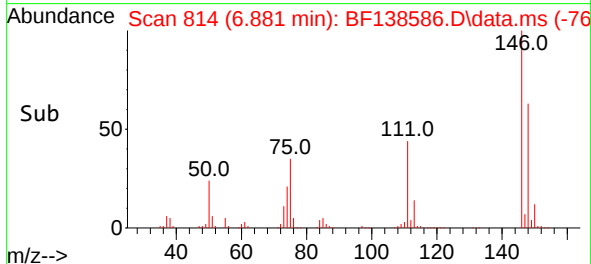
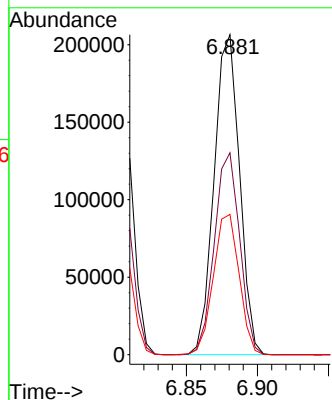
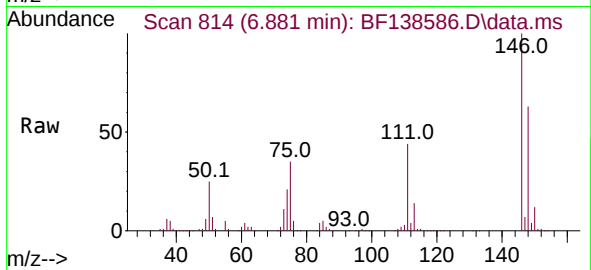
#13
1,4-Dichlorobenzene
Concen: 47.094 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD

Tgt Ion:146 Resp: 257074
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
111 43.8 34.9 52.3

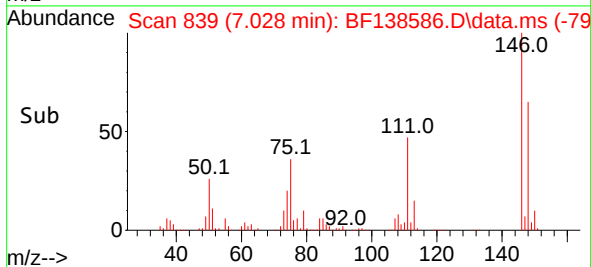
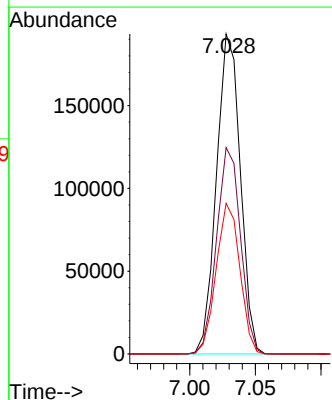
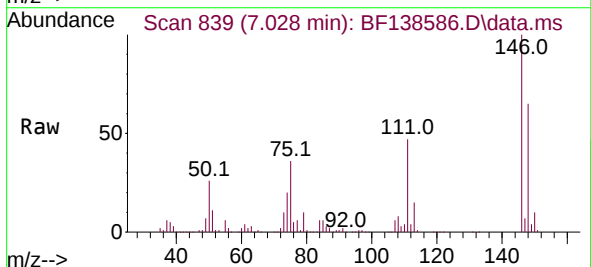
Manual Integrations
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#14
1,2-Dichlorobenzene
Concen: 48.033 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

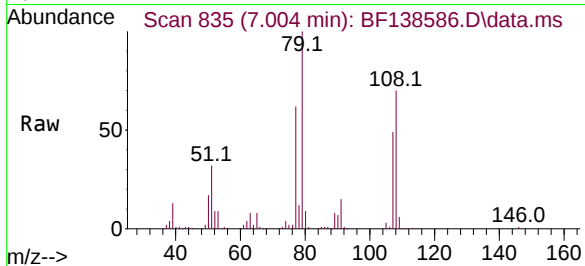
Tgt Ion:146 Resp: 244201
Ion Ratio Lower Upper
146 100
148 64.5 50.1 75.1
111 47.0 35.5 53.3





#15
Benzyl Alcohol
Concen: 58.197 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

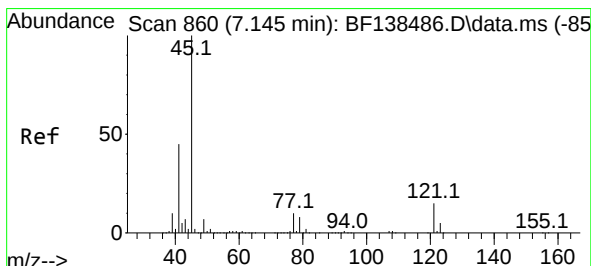
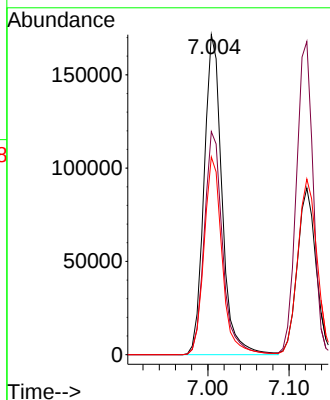
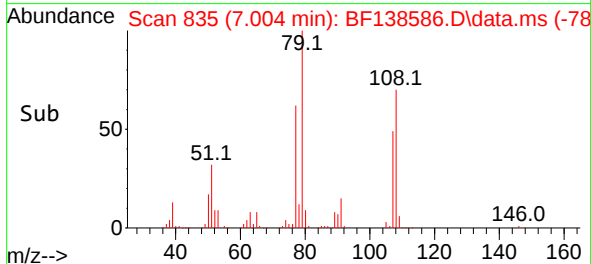
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



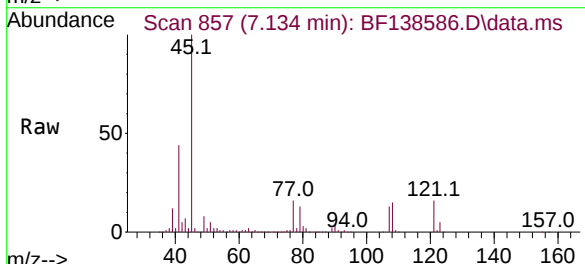
Tgt Ion: 79 Resp: 262774
Ion Ratio Lower Upper
79 100
108 69.7 54.3 81.5
77 61.8 50.0 75.0

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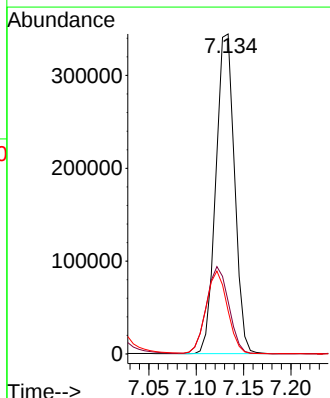
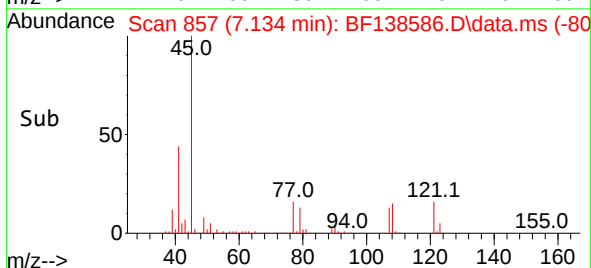
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

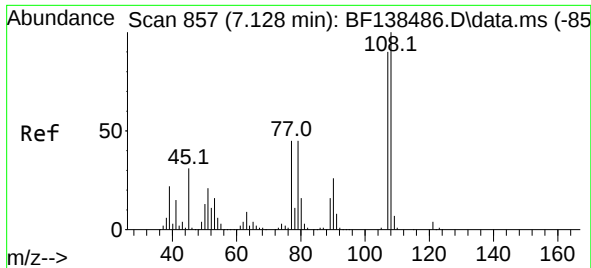


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.898 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28



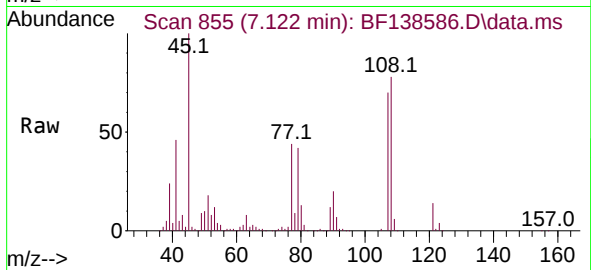
Tgt Ion: 45 Resp: 471799
Ion Ratio Lower Upper
45 100
77 16.4 0.0 30.4
79 13.5 0.0 28.1





#17
2-Methylphenol
Concen: 55.000 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

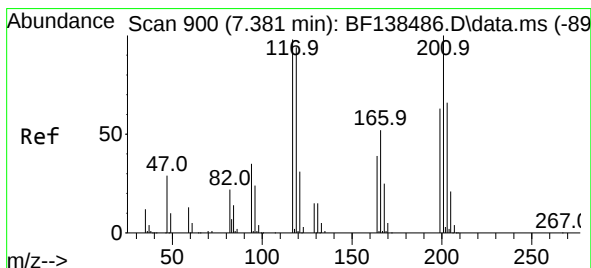
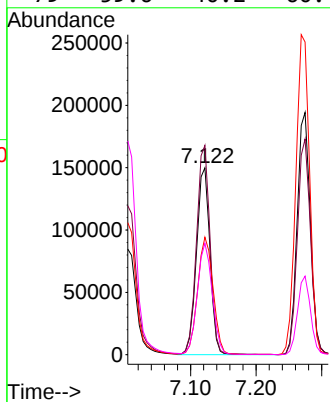
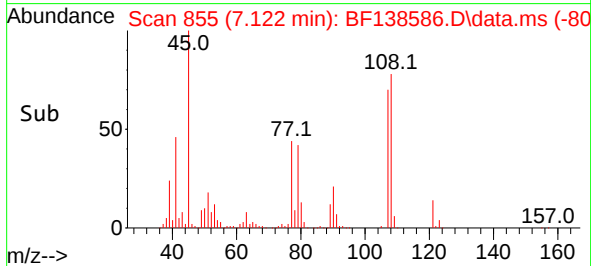
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:107 Resp: 21556
Ion Ratio Lower Upper
107 100
108 112.0 89.0 133.4
77 62.8 40.3 60.5
79 59.6 40.2 60.4

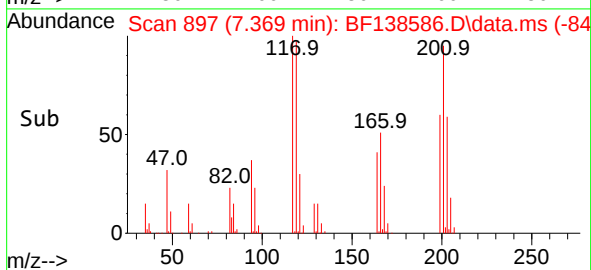
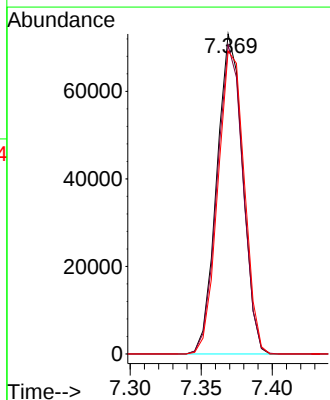
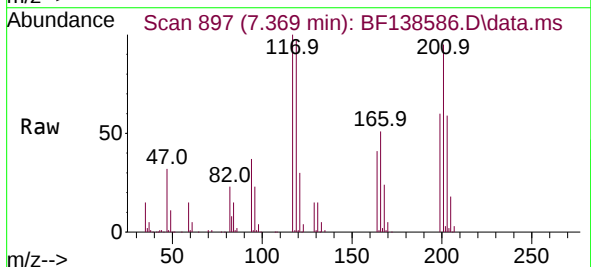
Manual Integrations
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#18
Hexachloroethane
Concen: 46.073 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

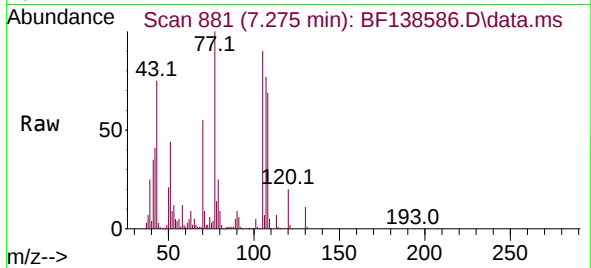
Tgt Ion:117 Resp: 92457
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8
201 94.7 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 53.747 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

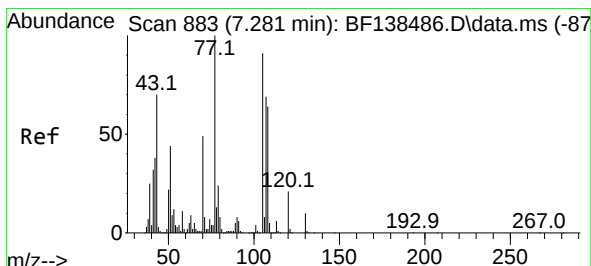
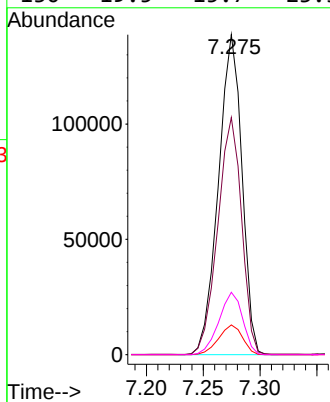
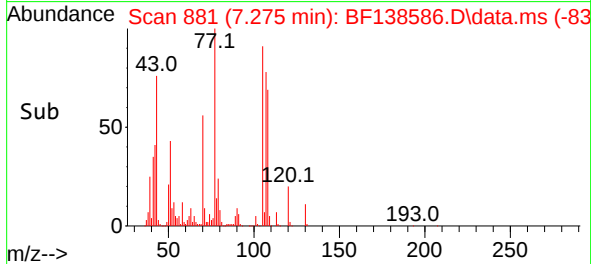
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion: 70 Resp: 199809
Ion Ratio Lower Upper
70 100
42 74.1 62.4 93.6
101 9.3 7.2 10.8
130 19.5 15.7 23.5

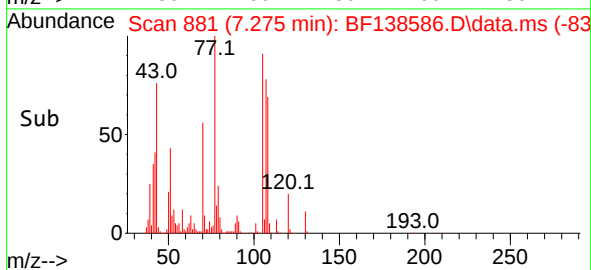
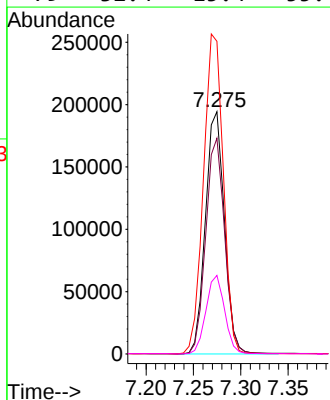
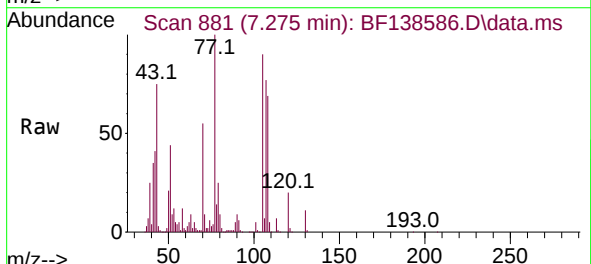
Manual Integrations
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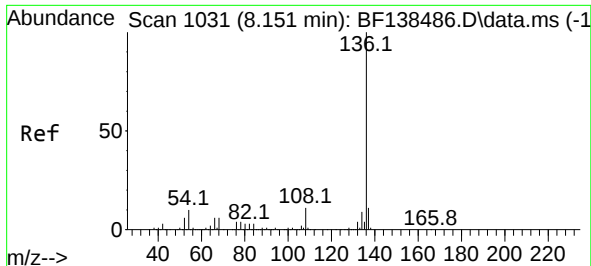
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
3+4-Methylphenols
Concen: 54.809 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

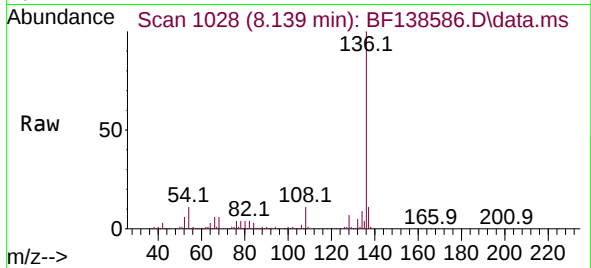
Tgt Ion:107 Resp: 270509
Ion Ratio Lower Upper
107 100
108 89.0 73.7 113.7
77 129.1 126.0 166.0
79 32.4 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

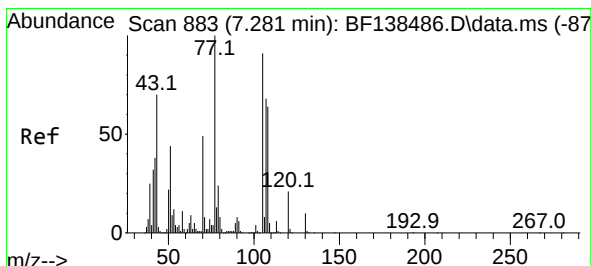
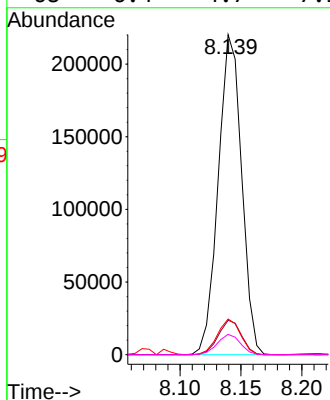
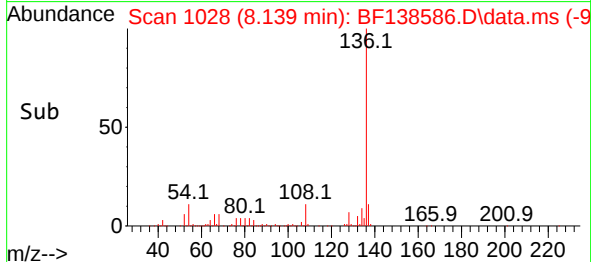
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:136 Resp: 293898
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.2 8.1 12.1
68 6.4 4.7 7.1

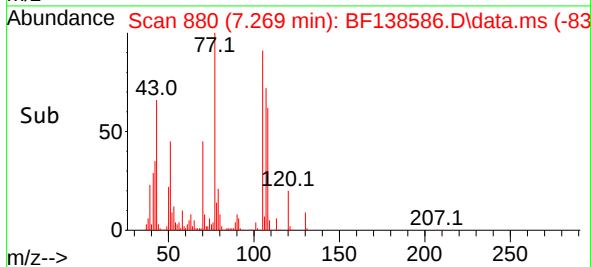
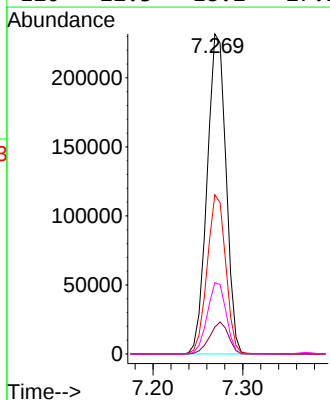
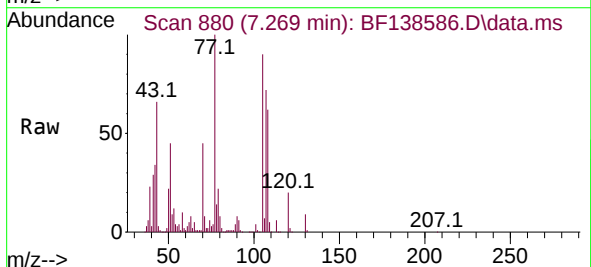
Manual Integrations
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Acetophenone
Concen: 47.507 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:105 Resp: 339103
Ion Ratio Lower Upper
105 100
71 8.4 7.4 11.2
51 49.8 38.7 58.1
120 22.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 94.967 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

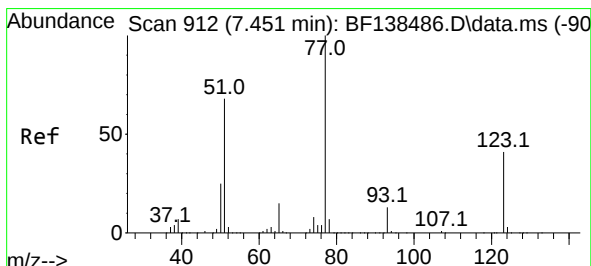
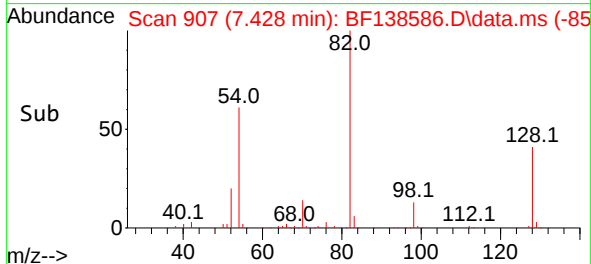
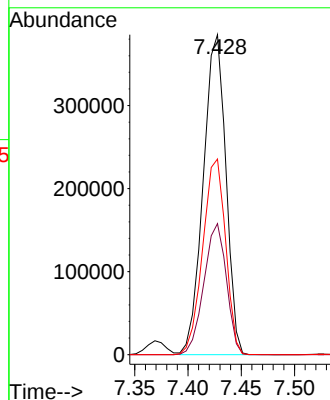
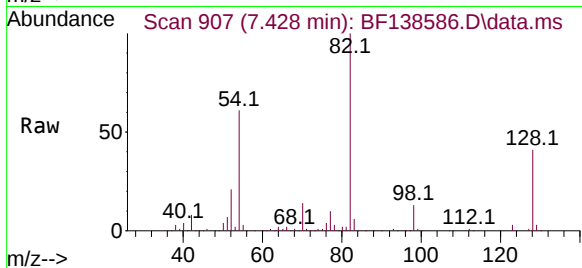
WC-CTW2-BL-01MSD

Tgt Ion: 82 Resp: 568472
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.3 48.5
 54 61.2 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: 49.938 ng

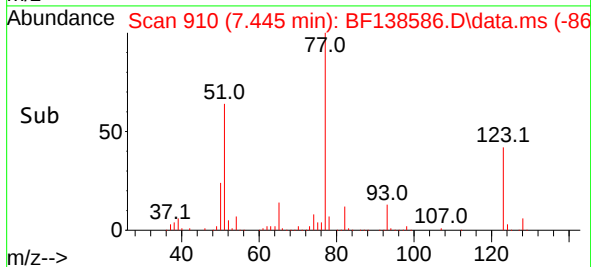
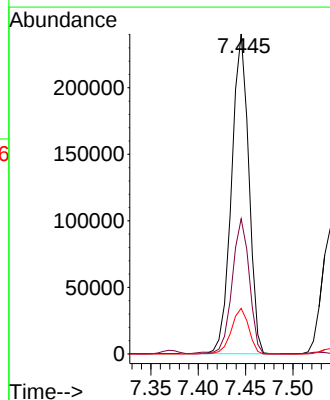
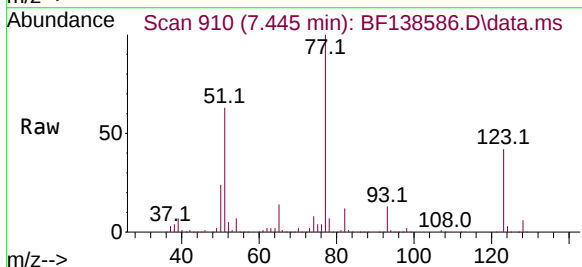
RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

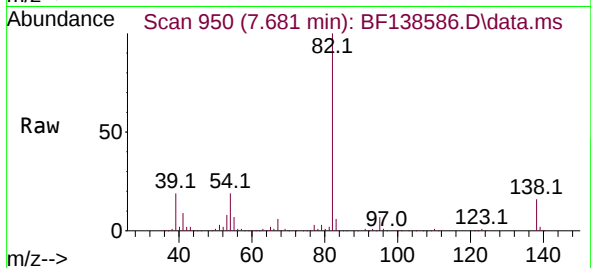
Tgt Ion: 77 Resp: 303774
 Ion Ratio Lower Upper
 77 100
 123 42.2 32.4 48.6
 65 14.3 11.8 17.8





#25
Isophorone
Concen: 53.665 ng
RT: 7.681 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

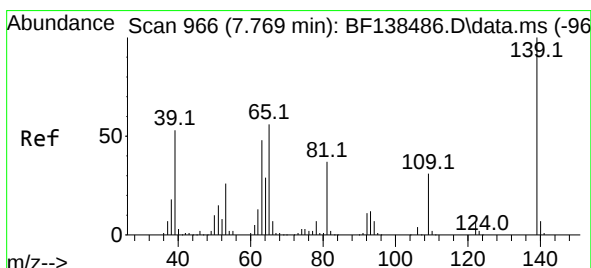
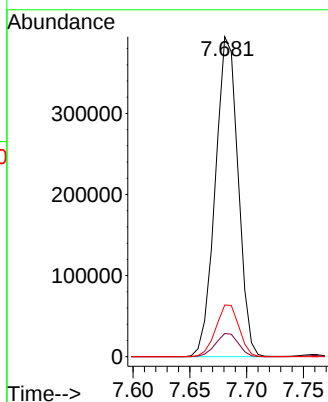
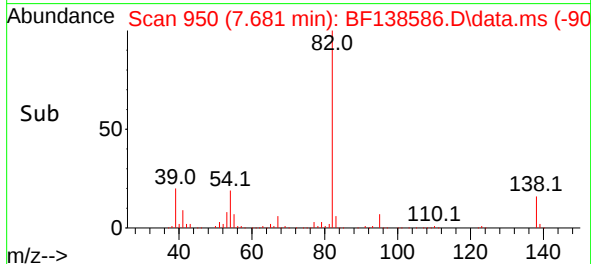
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



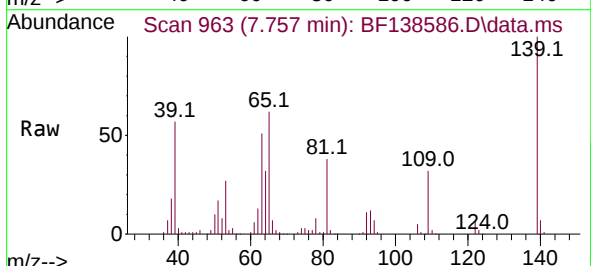
Tgt Ion: 82 Resp: 55166
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.2 12.8 19.2

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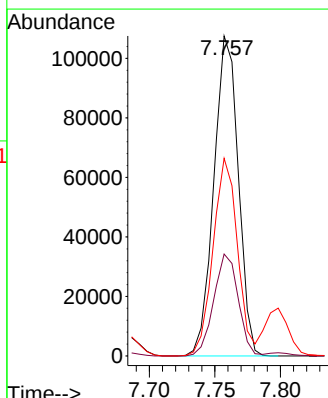
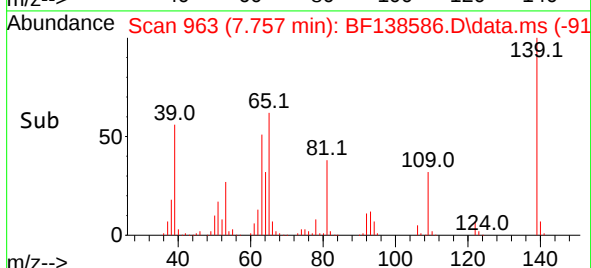
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

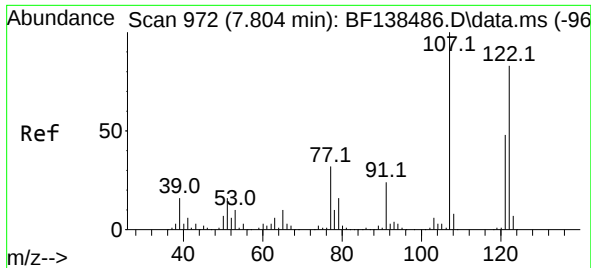


#26
2-Nitrophenol
Concen: 53.360 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28



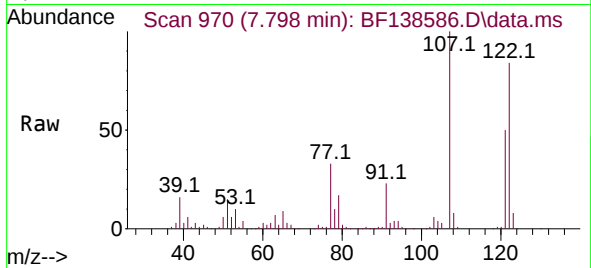
Tgt Ion:139 Resp: 139122
Ion Ratio Lower Upper
139 100
109 31.8 24.8 37.2
65 61.7 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 58.881 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

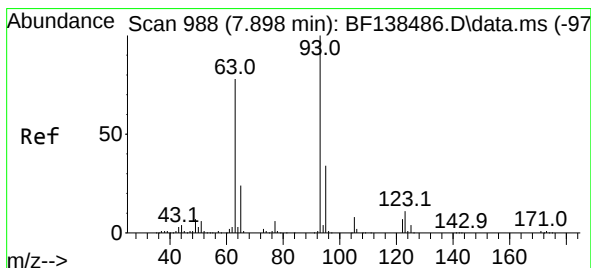
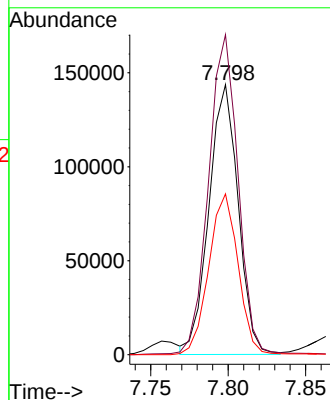
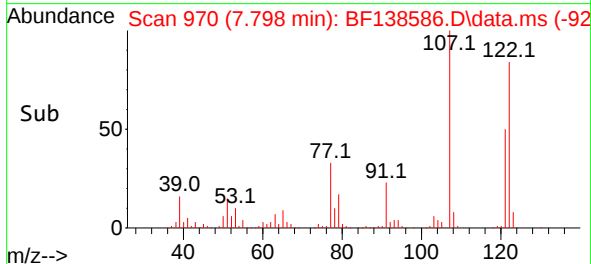
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:122 Resp: 188680
Ion Ratio Lower Upper
122 100
107 118.5 96.3 144.5
121 59.5 46.7 70.1

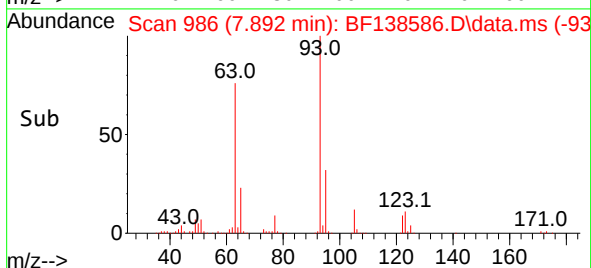
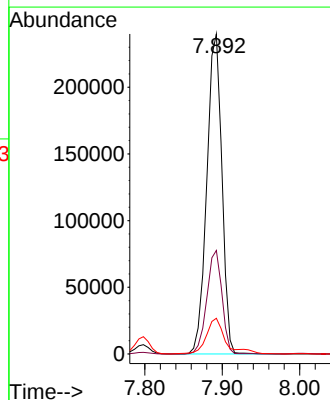
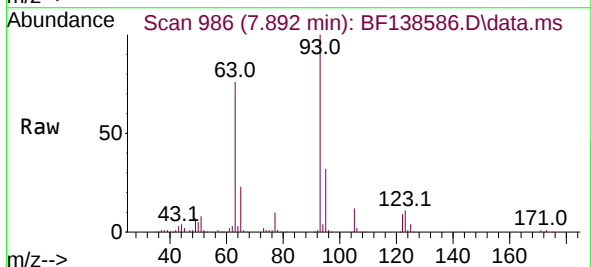
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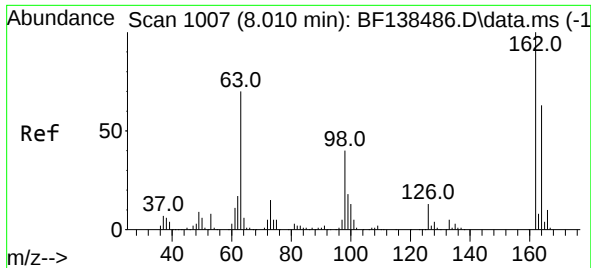
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 52.721 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion: 93 Resp: 323894
Ion Ratio Lower Upper
93 100
95 32.4 27.0 40.6
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.713 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion:162 Resp: 219350

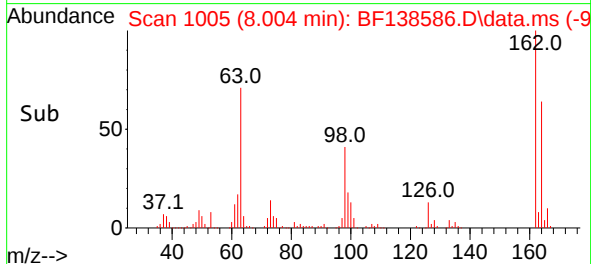
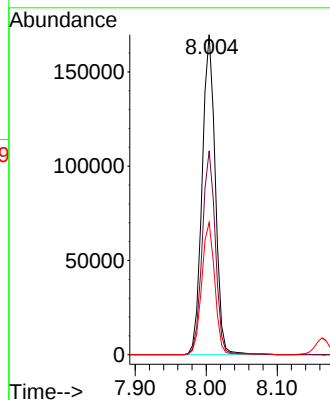
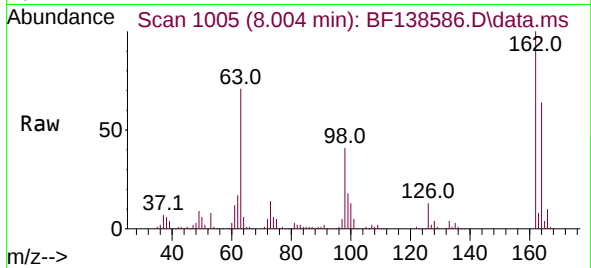
Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.6	82.6
98	41.3	20.1	60.1

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: 45.487 ng

RT: 8.081 min Scan# 1018

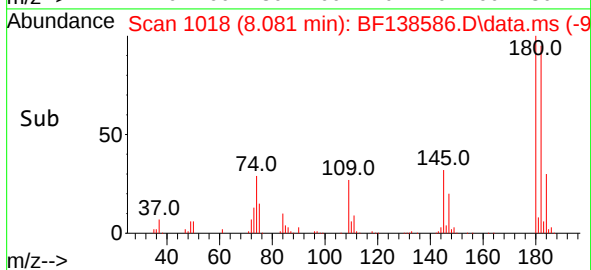
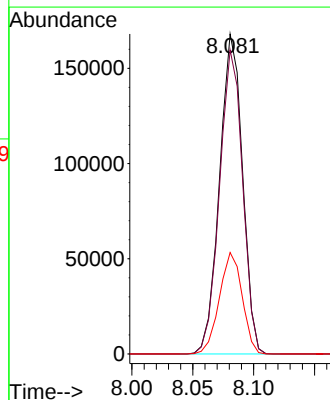
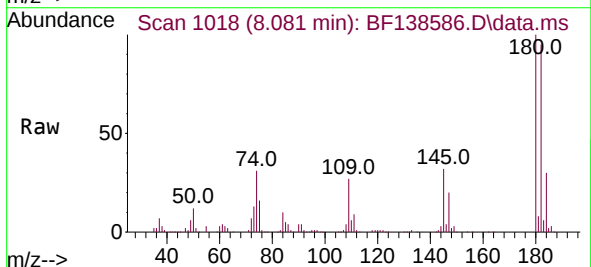
Delta R.T. -0.012 min

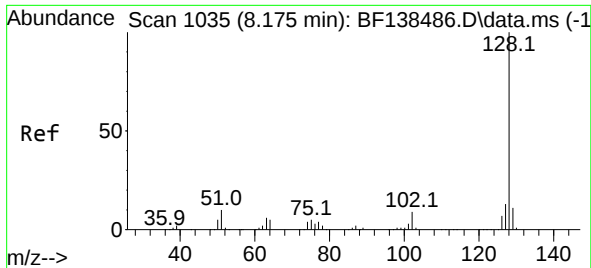
Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Tgt Ion:180 Resp: 220503

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
145	31.7	23.9	35.9





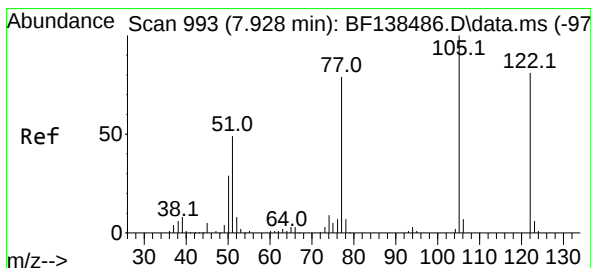
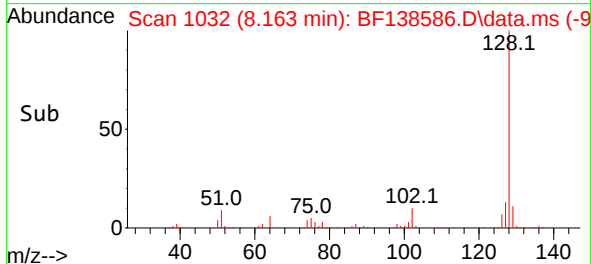
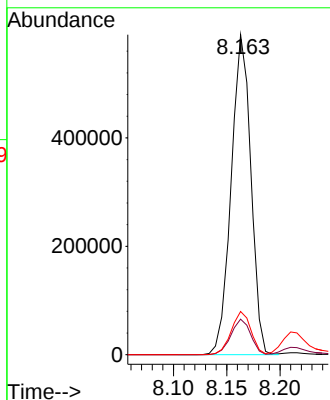
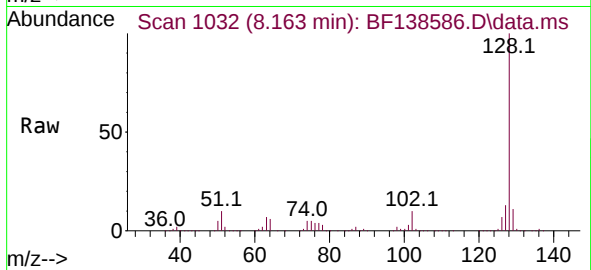
#31
Naphthalene
Concen: 49.795 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD

Tgt Ion:128 Resp: 761120
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1

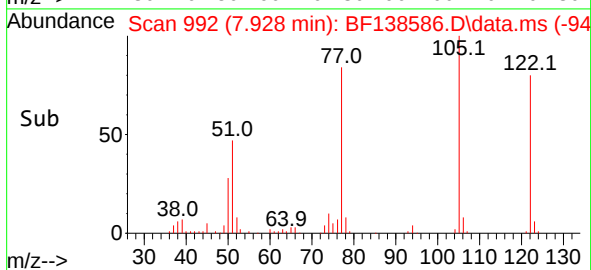
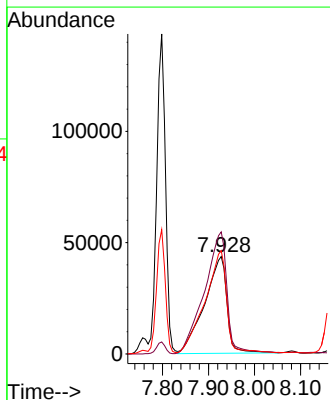
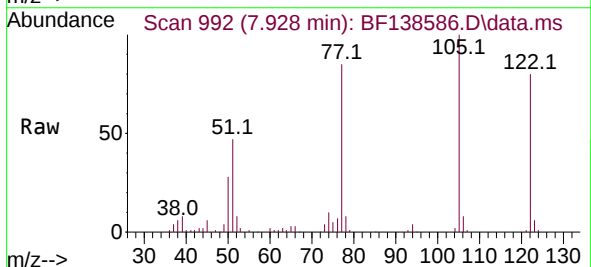
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 47.993 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:122 Resp: 146680
Ion Ratio Lower Upper
122 100
105 125.2 101.5 141.5
77 106.0 77.3 117.3





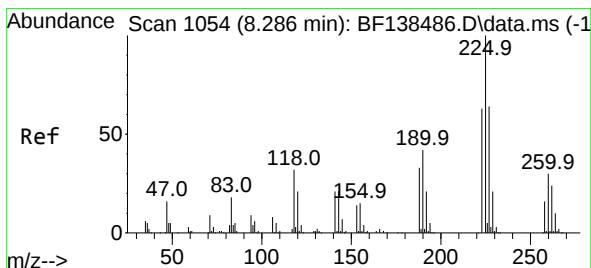
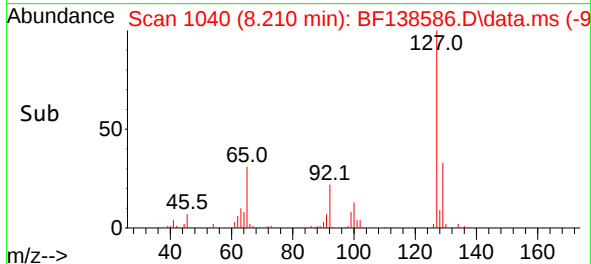
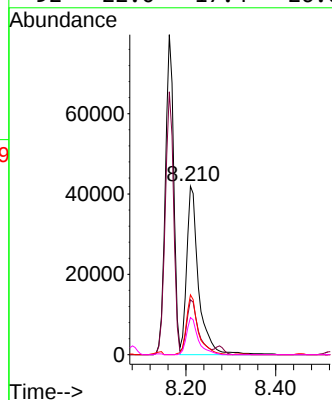
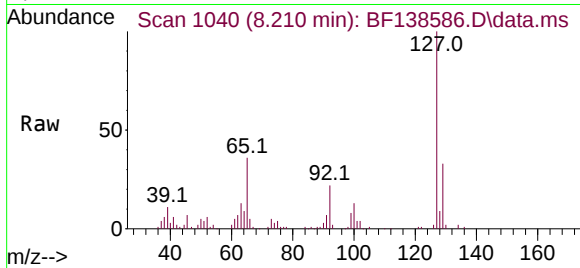
#33
4-Chloroaniline
Concen: 14.447 ng
RT: 8.210 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD

Tgt Ion:127	Resp:	7748
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.6 38.4
65	35.6	29.6 44.4
92	22.0	17.4 26.0

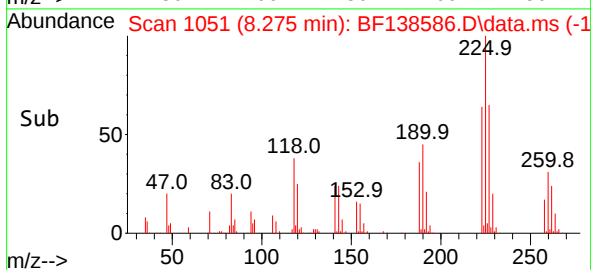
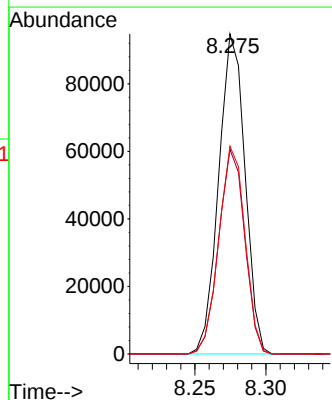
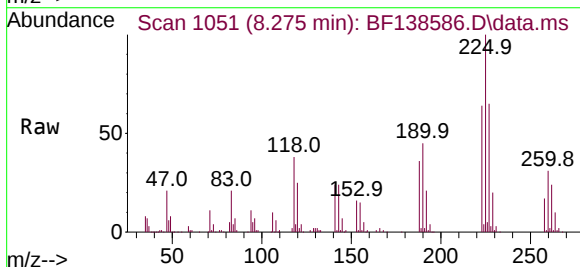
Manual Integrations
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Supervised By :mohammad ahmed 07/22/2024



#34
Hexachlorobutadiene
Concen: 40.871 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

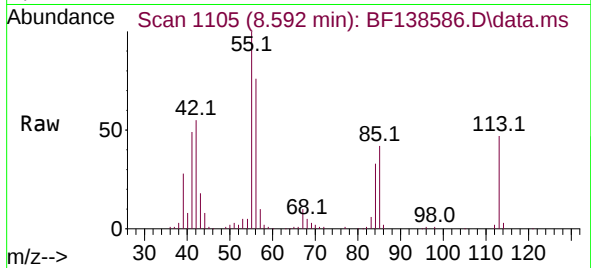
Tgt Ion:225	Resp:	122003
Ion Ratio	Lower	Upper
225	100	
223	63.9	50.0 75.0
227	64.9	51.0 76.6





#35
Caprolactam
Concen: 46.350 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

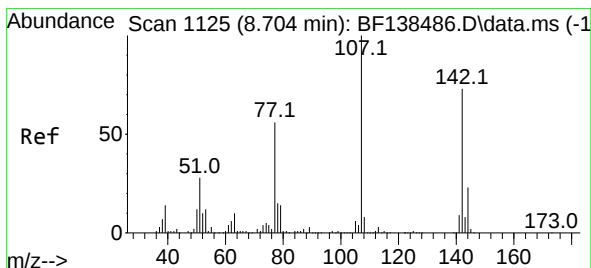
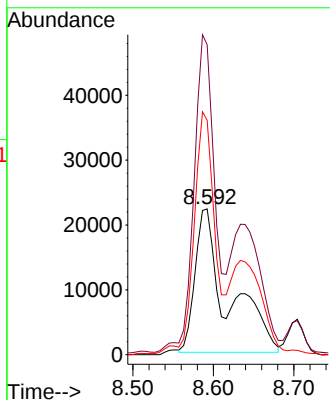
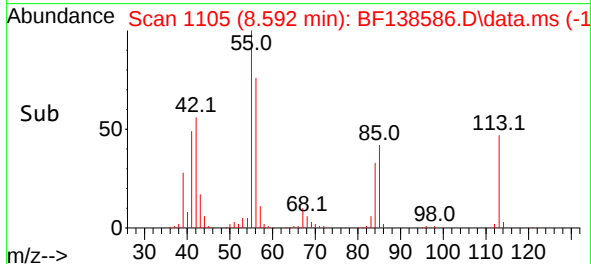
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:113 Resp: 62238
Ion Ratio Lower Upper
113 100
55 212.7 192.5 232.5
56 160.9 145.3 185.3

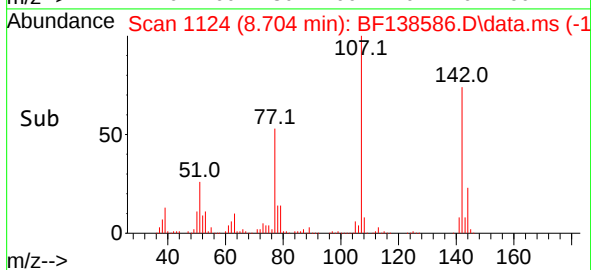
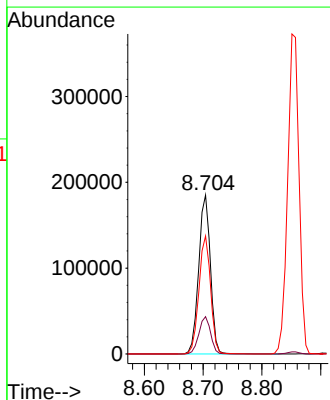
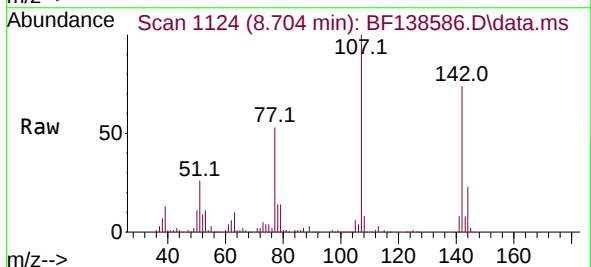
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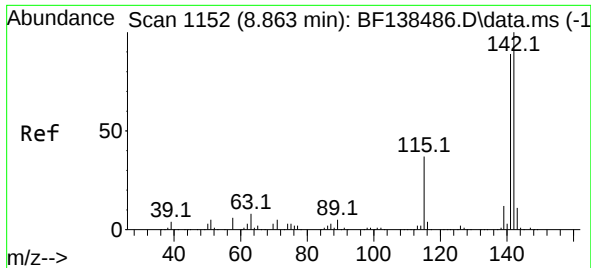
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#36
4-Chloro-3-methylphenol
Concen: 54.971 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:107 Resp: 256087
Ion Ratio Lower Upper
107 100
144 23.4 18.6 27.8
142 74.2 58.6 88.0





#37

2-Methylnaphthalene

Concen: 51.016 ng

RT: 8.851 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion:142 Resp: 501809

Ion Ratio Lower Upper

142 100

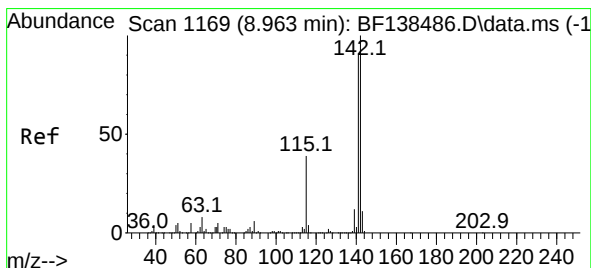
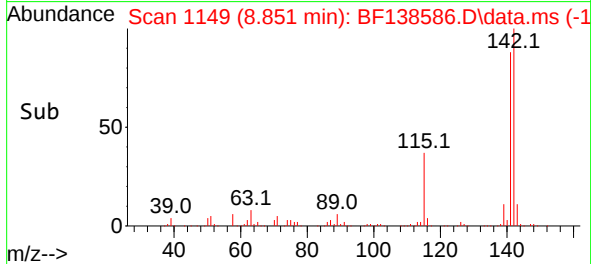
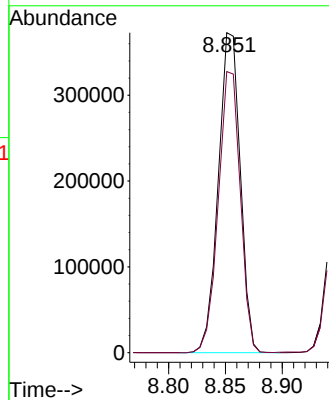
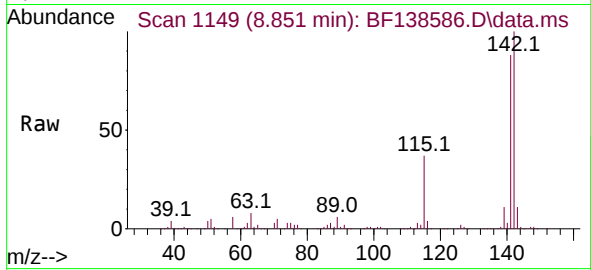
141 87.9 71.4 107.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#38

1-Methylnaphthalene

Concen: 48.671 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF138586.D

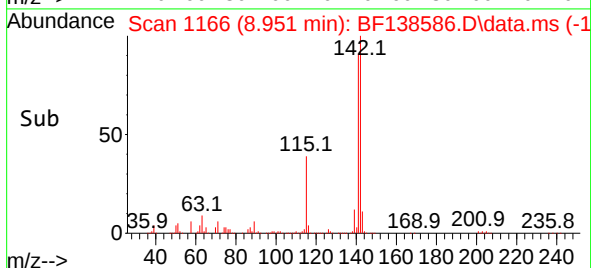
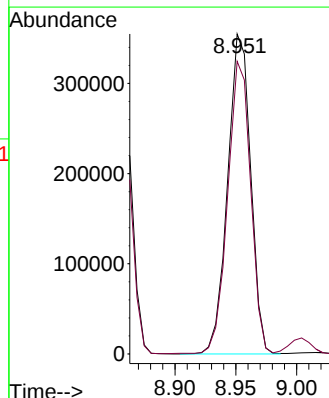
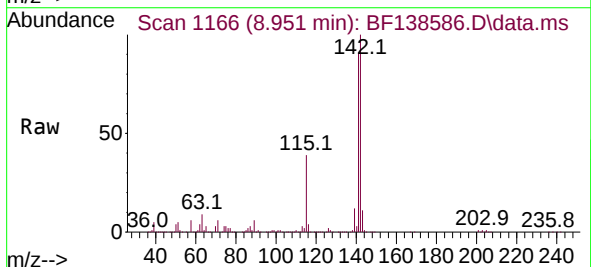
Acq: 19 Jul 2024 13:28

Tgt Ion:142 Resp: 467236

Ion Ratio Lower Upper

142 100

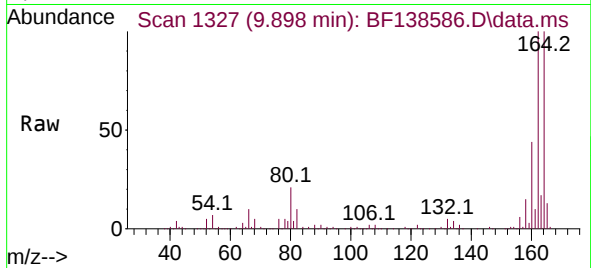
141 91.5 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

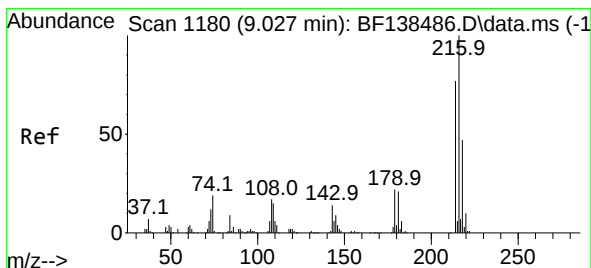
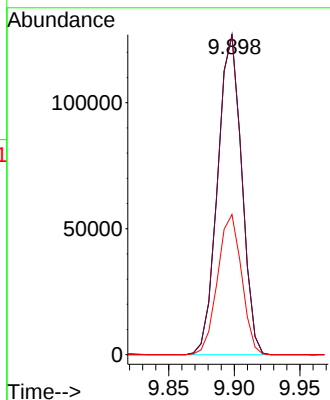
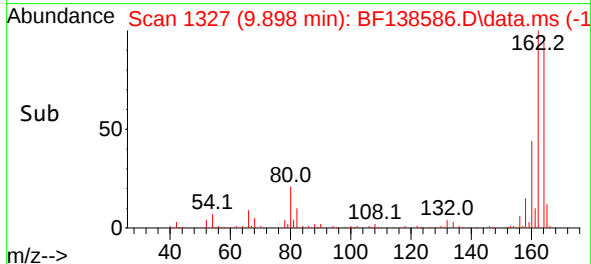
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:164 Resp: 161564
Ion Ratio Lower Upper
164 100
162 99.5 79.0 118.6
160 43.8 34.4 51.6

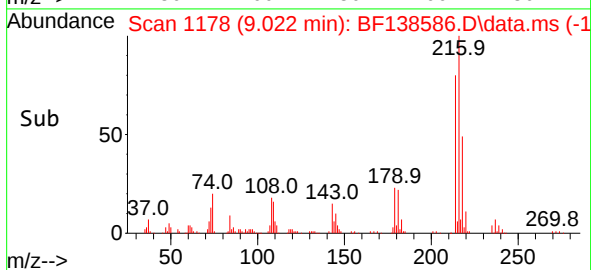
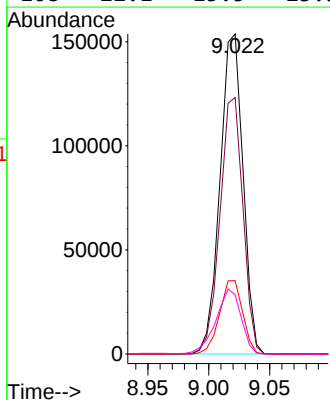
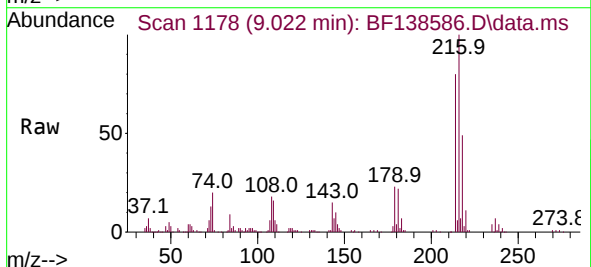
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Supervised By :mohammad ahmed 07/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.914 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

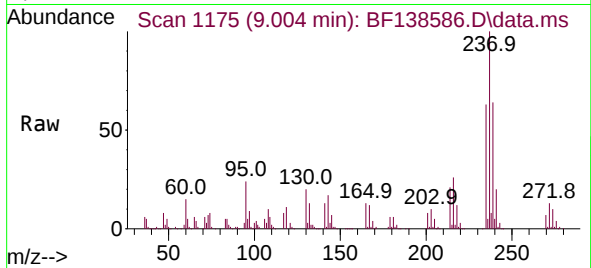
Tgt Ion:216 Resp: 202244
Ion Ratio Lower Upper
216 100
214 80.0 62.8 94.2
179 23.0 17.7 26.5
108 22.1 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 116.729 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

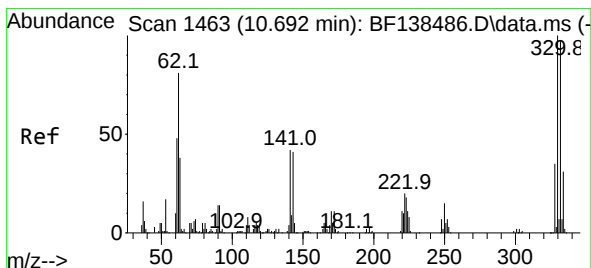
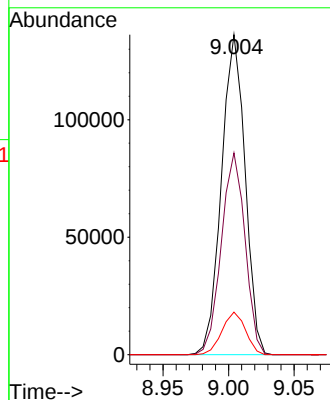
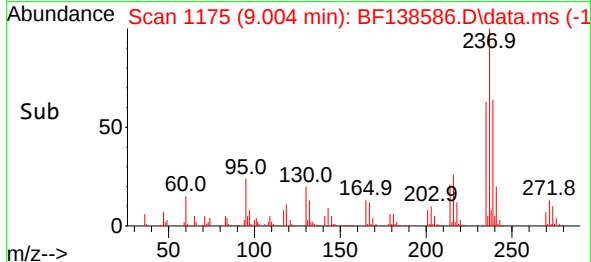
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



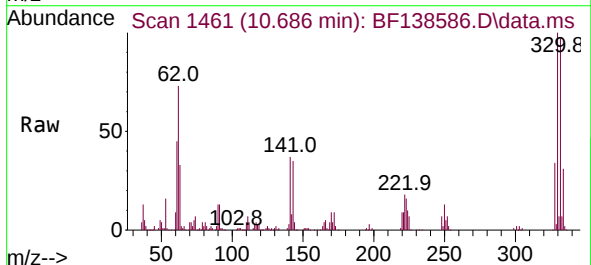
Tgt Ion:237 Resp: 170600
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.3 0.0 32.3

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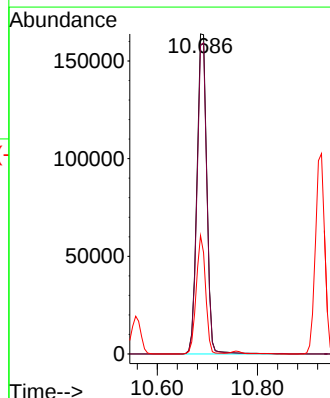
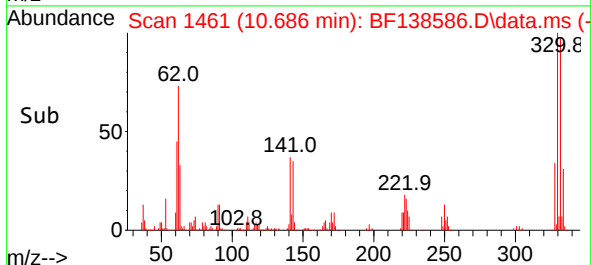
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

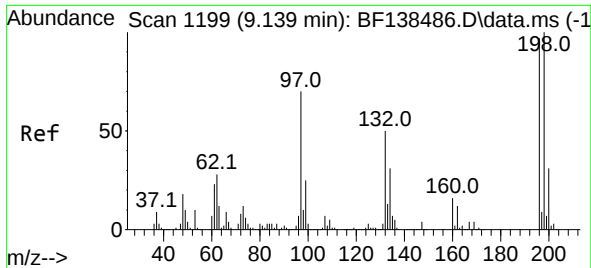


#42
2,4,6-Tribromophenol
Concen: 147.898 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28



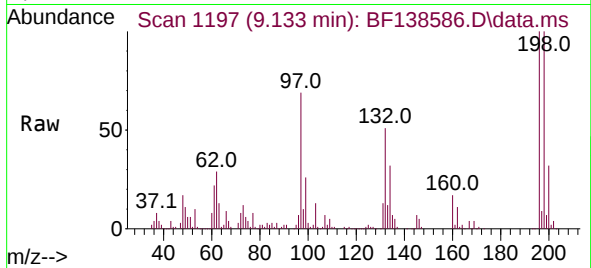
Tgt Ion:330 Resp: 223323
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 35.0 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 53.081 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

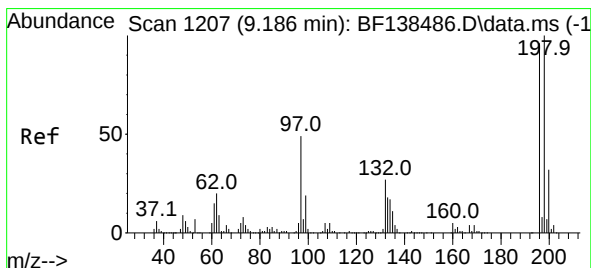
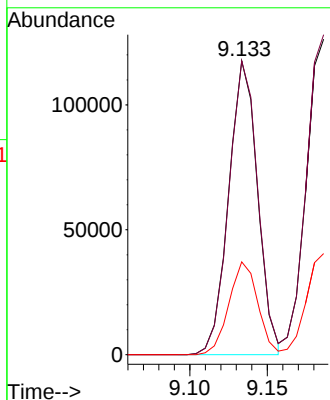
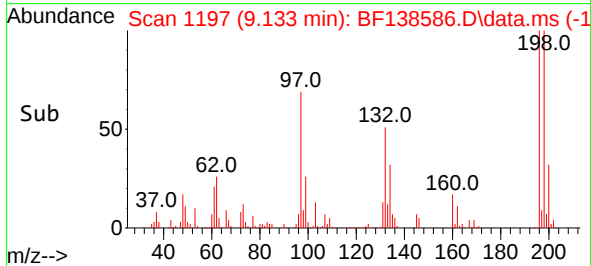
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



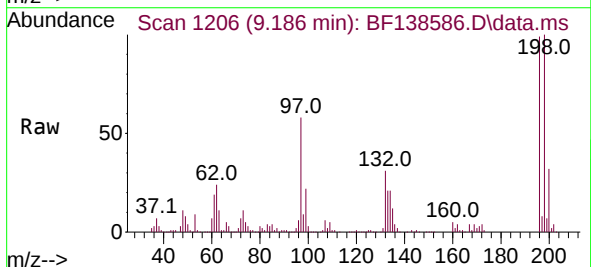
Tgt Ion:196 Resp: 152464
Ion Ratio Lower Upper
196 100
198 100.0 82.3 123.5
200 31.6 25.8 38.6

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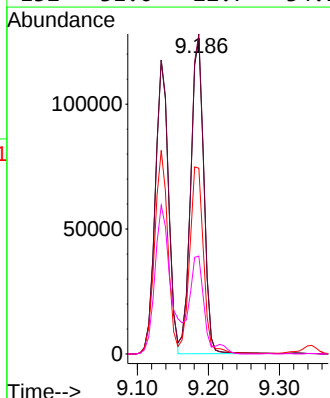
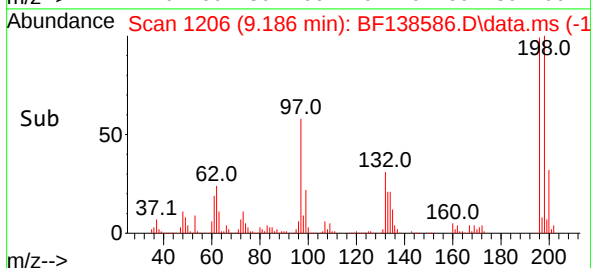
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

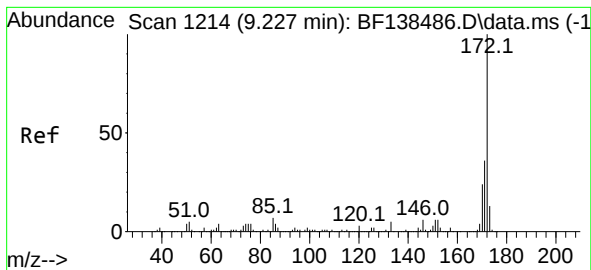


#44
2,4,5-Trichlorophenol
Concen: 51.415 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28



Tgt Ion:196 Resp: 162428
Ion Ratio Lower Upper
196 100
198 101.4 82.8 124.2
97 58.9 41.0 61.4
132 31.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 90.459 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

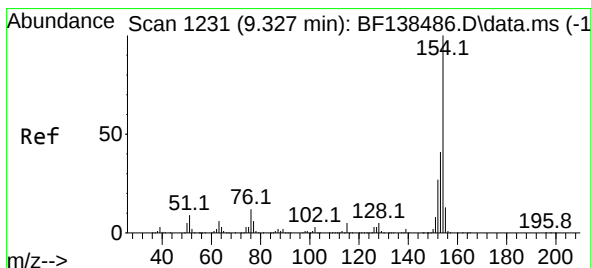
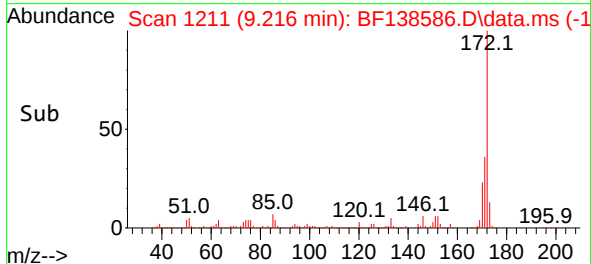
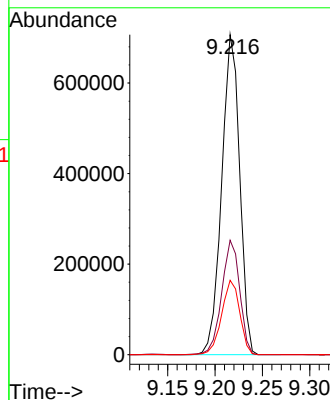
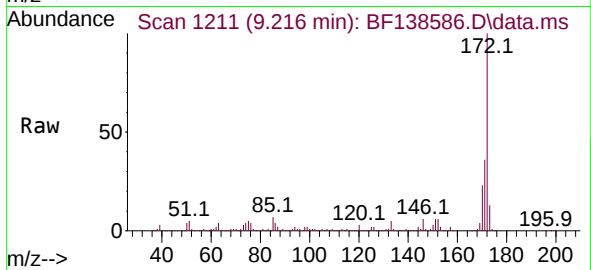
Tgt Ion:172 Resp: 935111
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#46

1,1'-Biphenyl

Concen: 48.439 ng

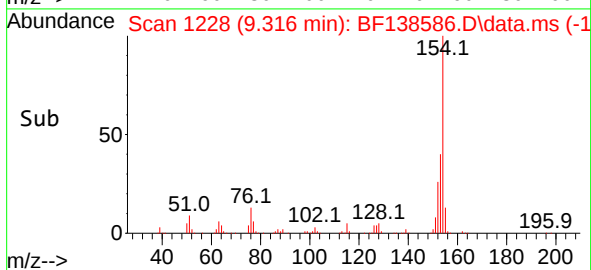
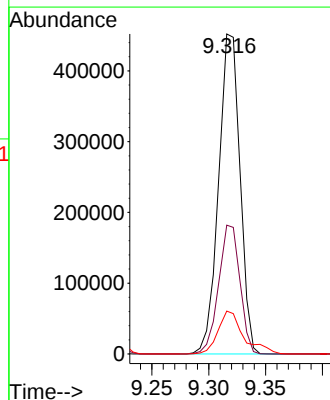
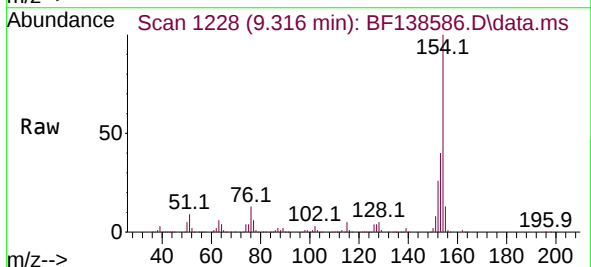
RT: 9.316 min Scan# 1228

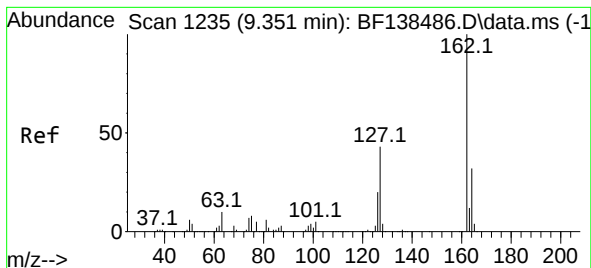
Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Tgt Ion:154 Resp: 593091
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.7 60.7
 76 13.4 0.0 32.2





#47

2-Chloronaphthalene

Concen: 50.846 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion:162 Resp: 470310

Ion Ratio Lower Upper

162 100

127 43.4 34.8 52.2

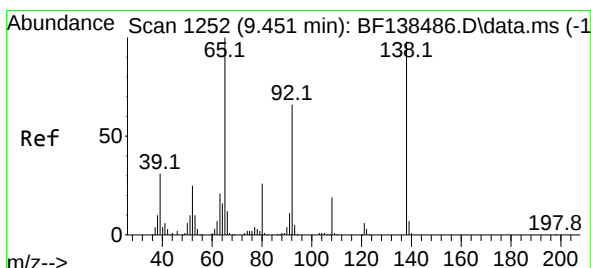
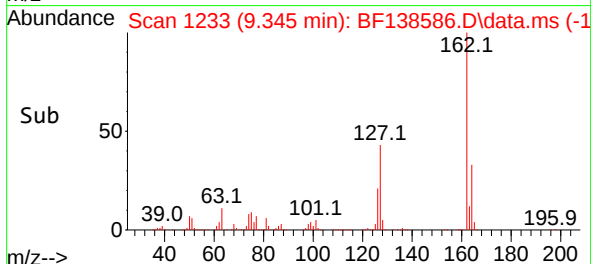
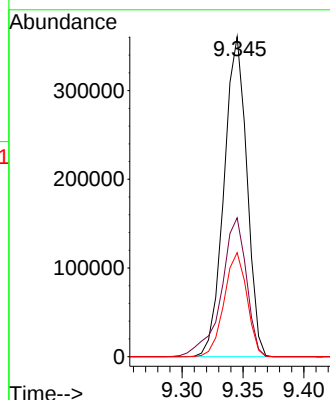
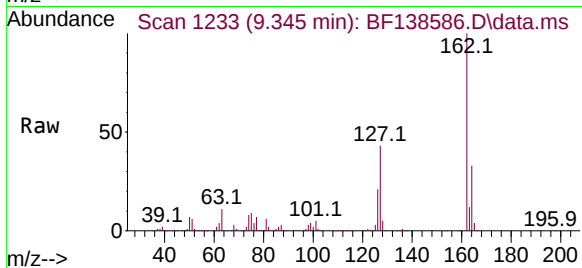
164 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#48

2-Nitroaniline

Concen: 58.425 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

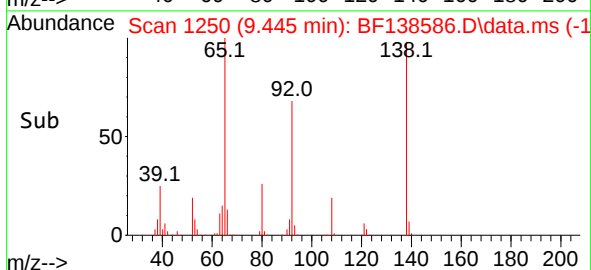
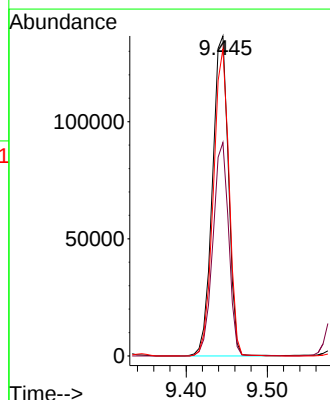
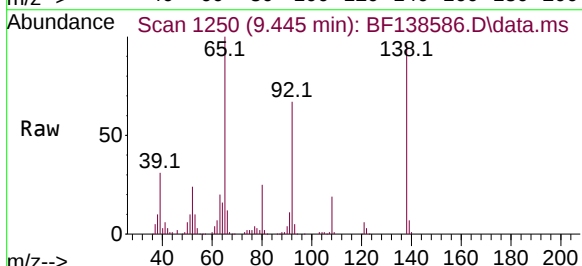
Tgt Ion: 65 Resp: 187274

Ion Ratio Lower Upper

65 100

92 66.7 52.6 78.8

138 96.0 78.6 118.0





#49

Acenaphthylene

Concen: 57.601 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

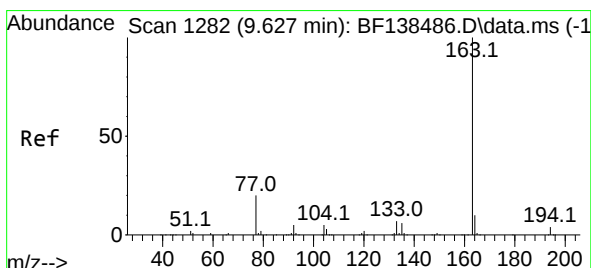
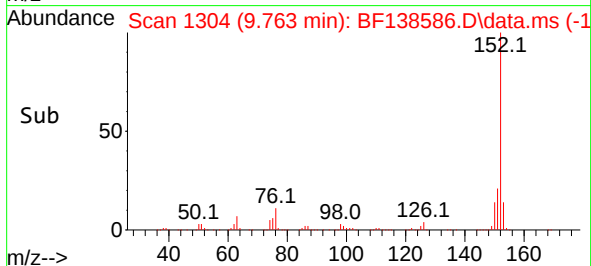
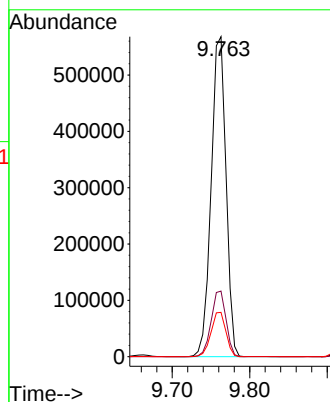
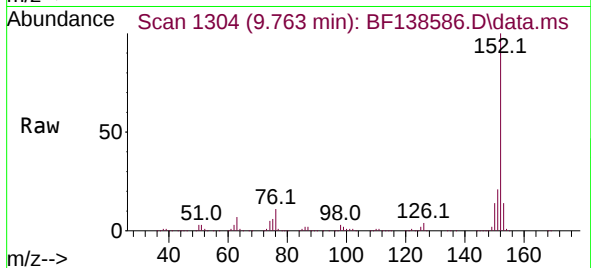
Tgt Ion:152 Resp: 756445
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.9 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#50

Dimethylphthalate

Concen: 56.043 ng

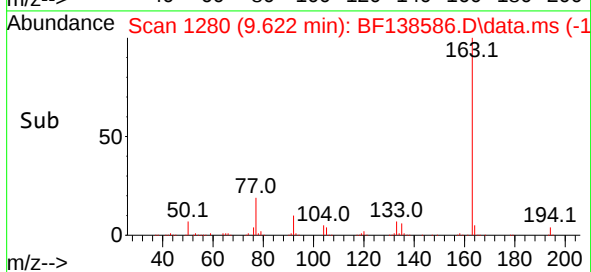
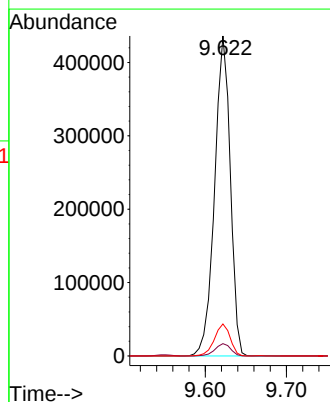
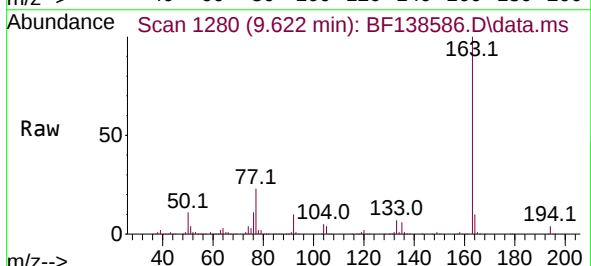
RT: 9.622 min Scan# 1280

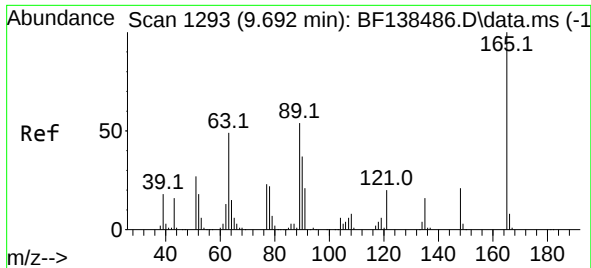
Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

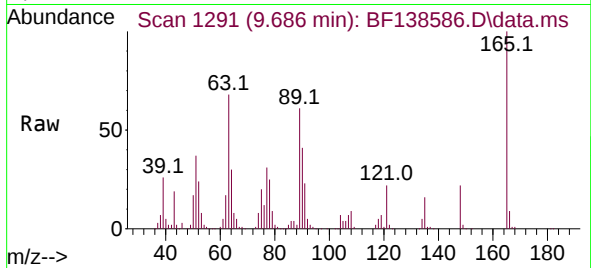
Tgt Ion:163 Resp: 585483
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 53.752 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

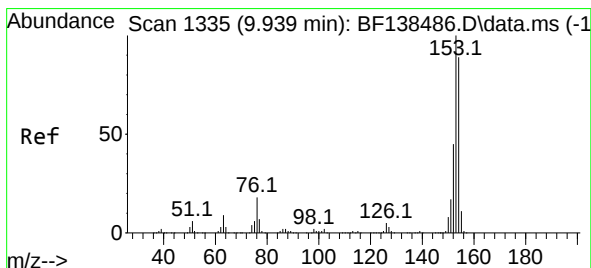
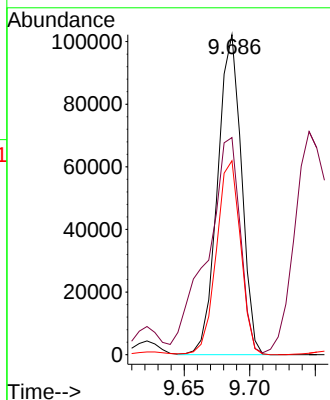
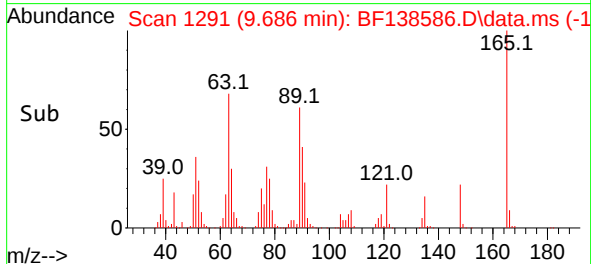
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:165 Resp: 129295
Ion Ratio Lower Upper
165 100
63 67.9 48.1 72.1
89 60.6 43.0 64.6

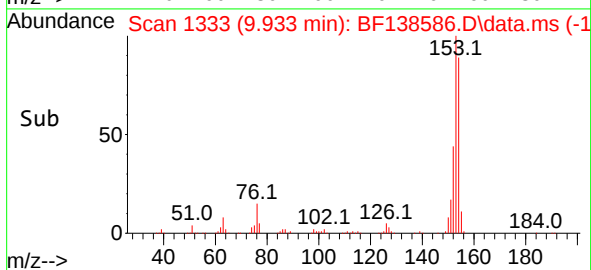
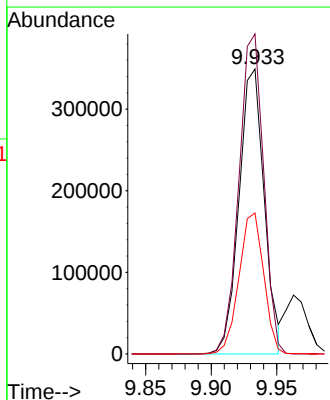
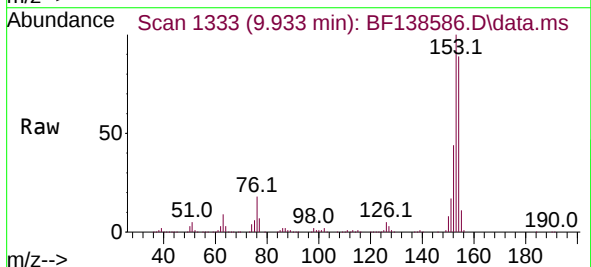
Manual Integrations
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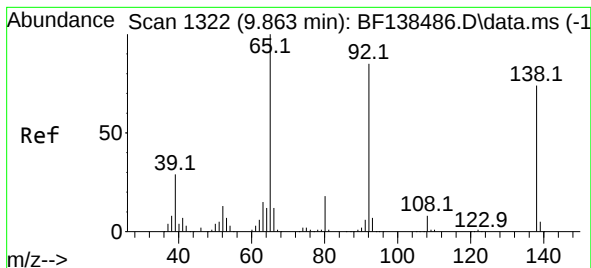
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#52
Acenaphthene
Concen: 53.678 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:154 Resp: 468587
Ion Ratio Lower Upper
154 100
153 112.3 90.4 135.6
152 49.4 41.1 61.7





#53

3-Nitroaniline

Concen: 17.383 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

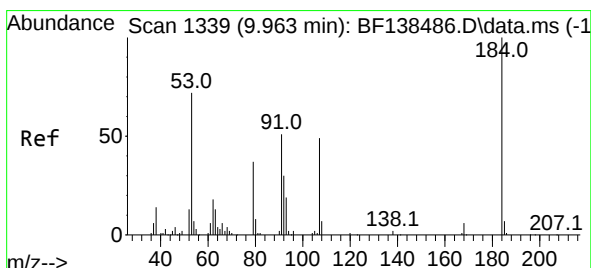
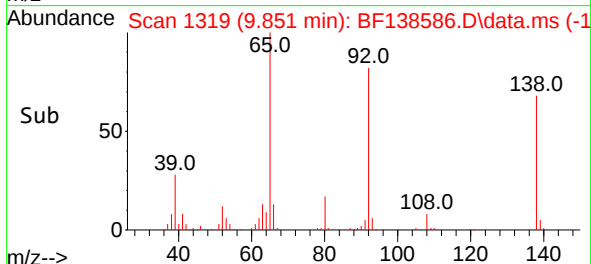
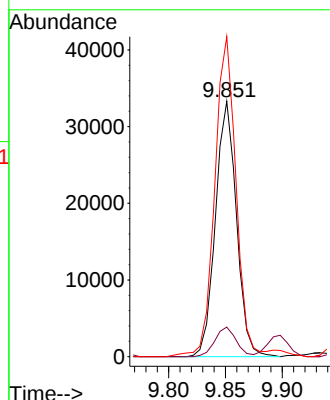
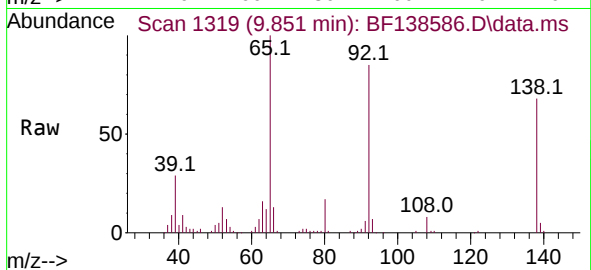
WC-CTW2-BL-01MSD

Tgt Ion:138 Resp: 4285

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.3	12.5
92	125.3	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: 110.886 ng

RT: 9.963 min Scan# 1338

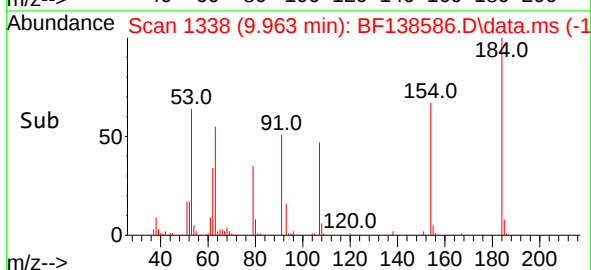
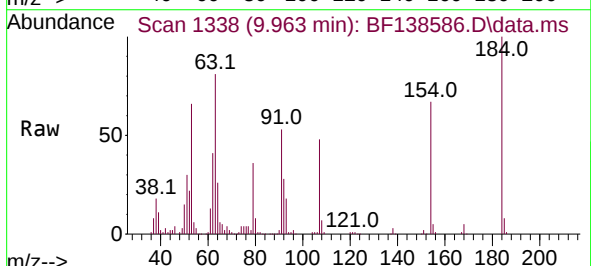
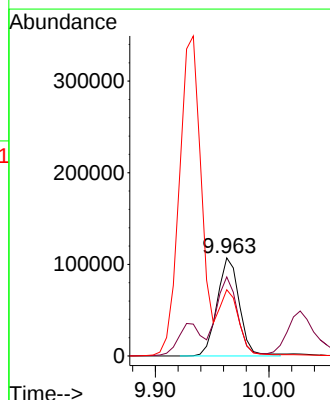
Delta R.T. -0.000 min

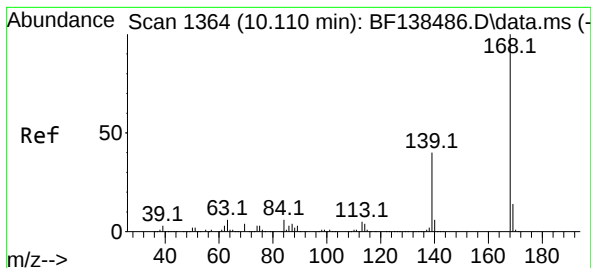
Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Tgt Ion:184 Resp: 145620

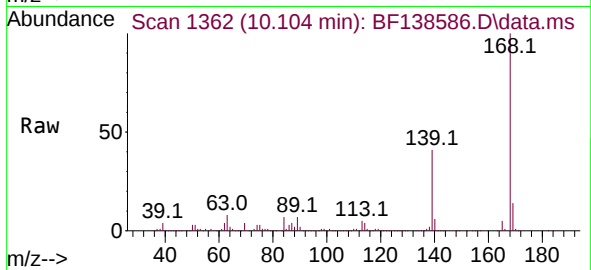
Ion	Ratio	Lower	Upper
184	100		
63	80.5	70.6	106.0
154	67.4	53.8	80.6





#55
Dibenzenofuran
Concen: 53.811 ng
RT: 10.104 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

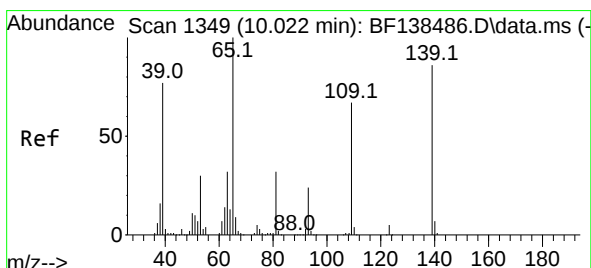
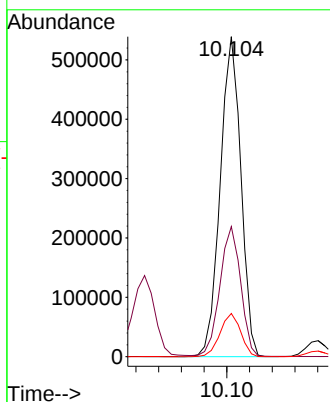
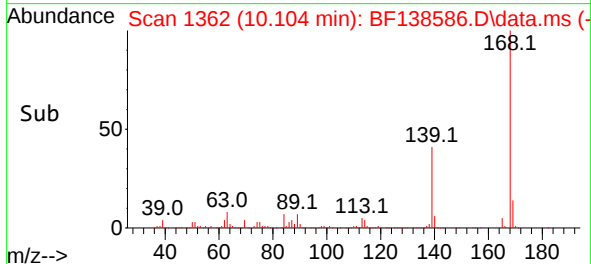
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:168 Resp: 681350
Ion Ratio Lower Upper
168 100
139 40.7 32.4 48.6
169 13.5 10.9 16.3

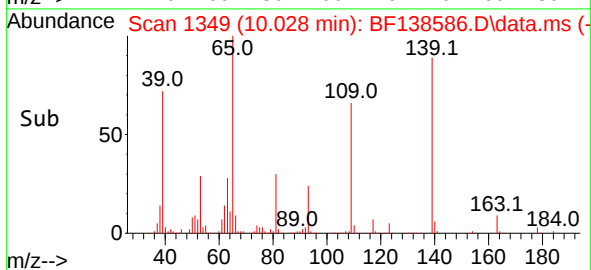
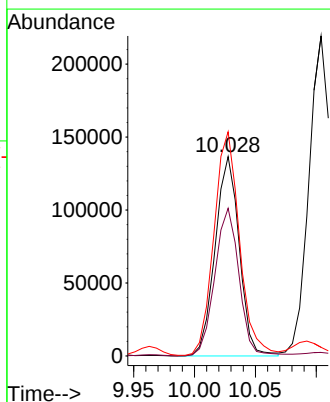
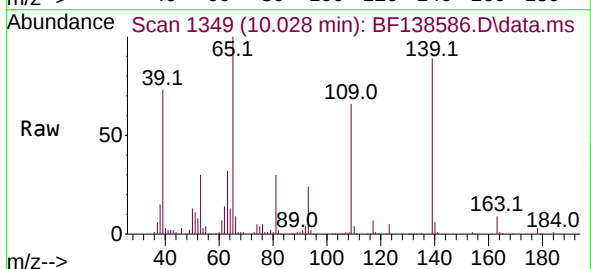
Manual Integrations
APPROVED

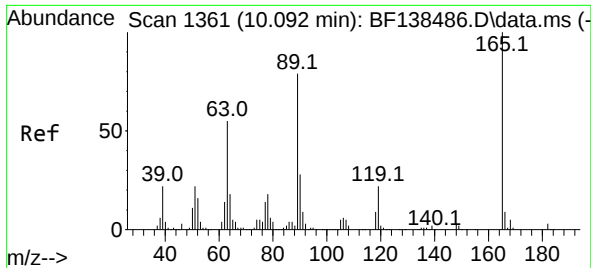
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#56
4-Nitrophenol
Concen: 103.456 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

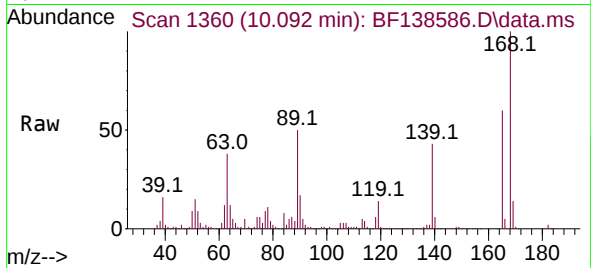
Tgt Ion:139 Resp: 188197
Ion Ratio Lower Upper
139 100
109 74.1 58.1 98.1
65 112.5 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 56.517 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

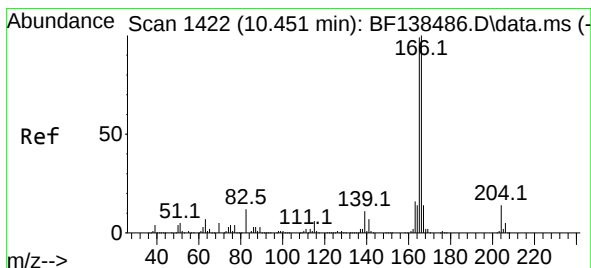
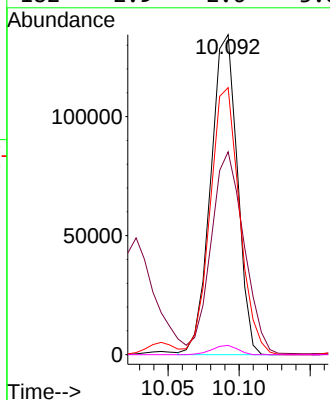
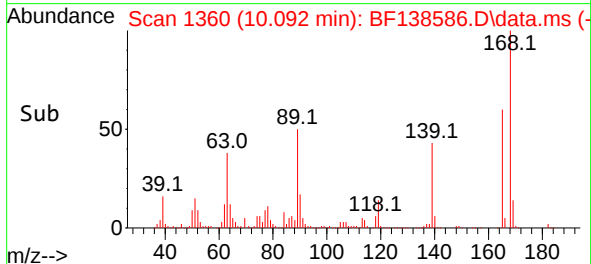
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:165 Resp: 17589
Ion Ratio Lower Upper
165 100
63 63.4 44.6 66.8
89 83.4 63.4 95.2
182 2.9 2.6 3.8

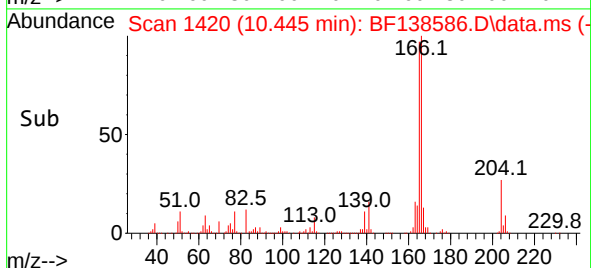
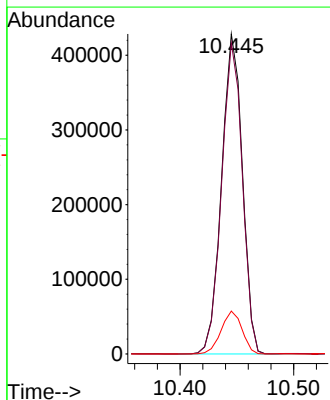
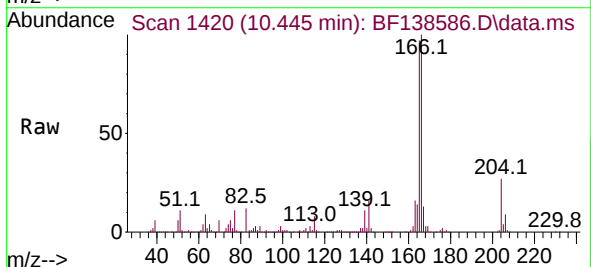
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 54.430 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

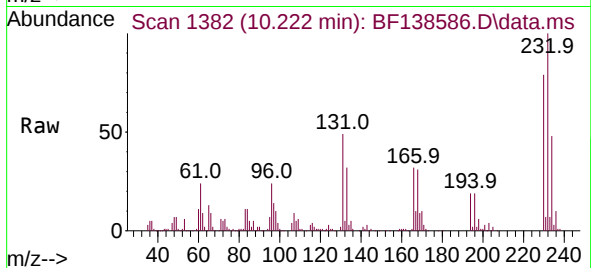
Tgt Ion:166 Resp: 545324
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.812 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

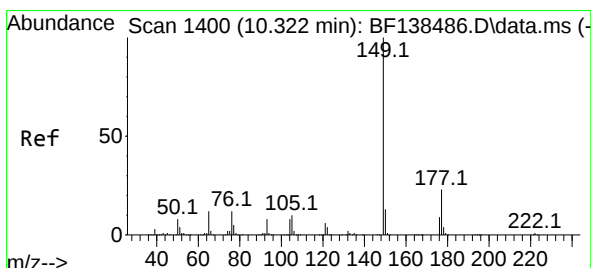
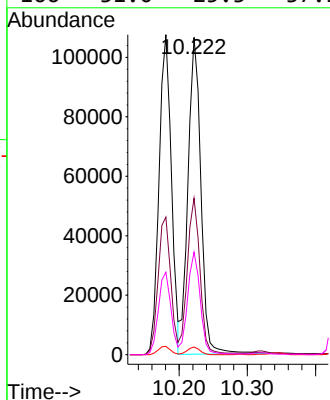
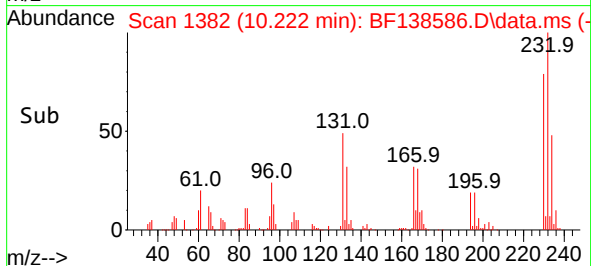
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:232 Resp: 139154
Ion Ratio Lower Upper
232 100
131 48.6 37.5 56.3
130 2.3 2.0 3.0
166 31.0 25.3 37.9

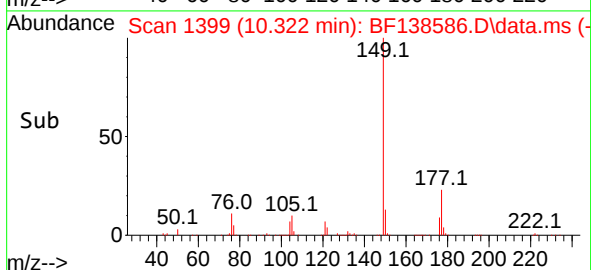
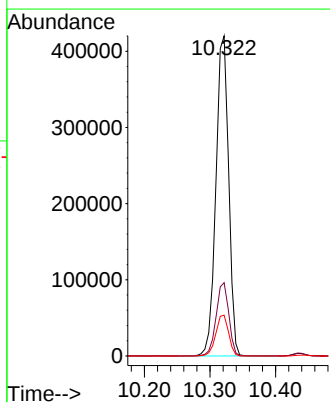
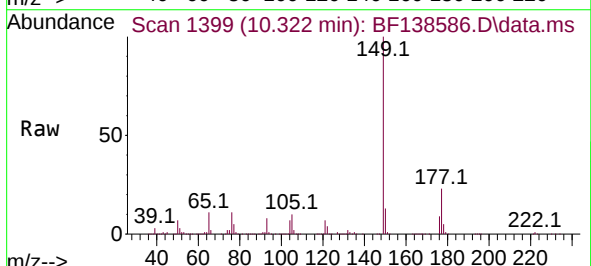
Manual Integrations
APPROVED

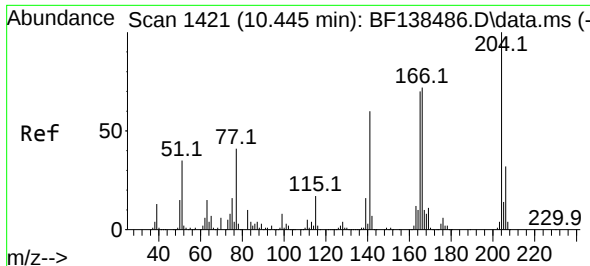
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#60
Diethylphthalate
Concen: 56.022 ng
RT: 10.322 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

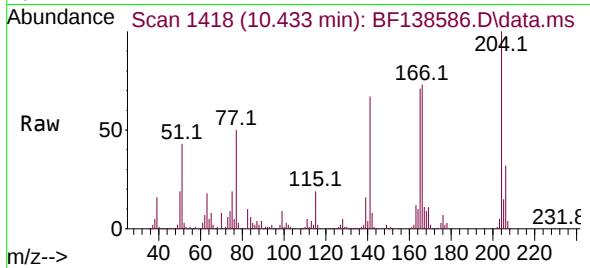
Tgt Ion:149 Resp: 564213
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 50.876 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

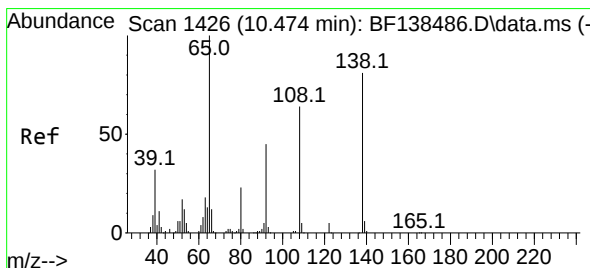
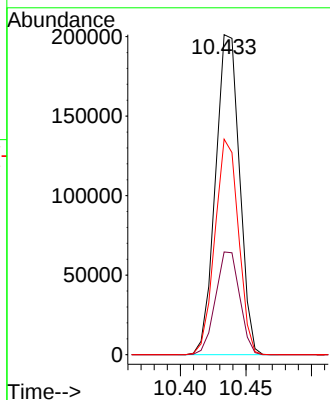
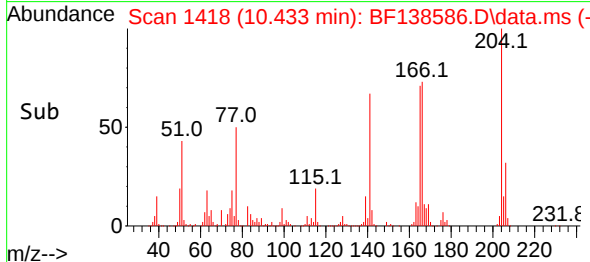
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:204 Resp: 25595
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 67.3 47.7 71.5

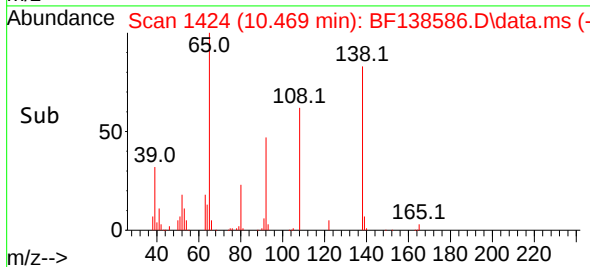
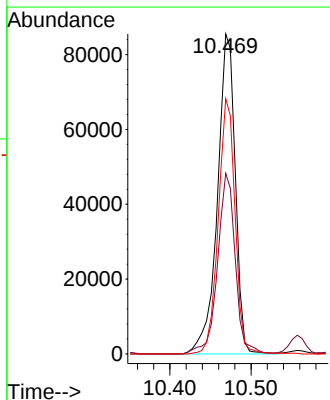
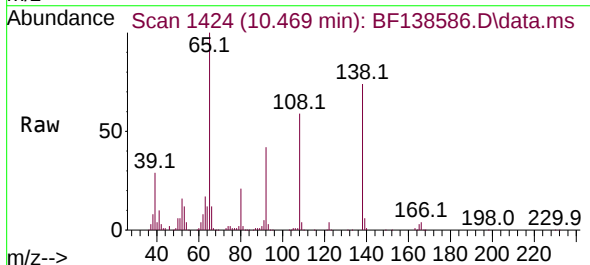
Manual Integrations
APPROVED

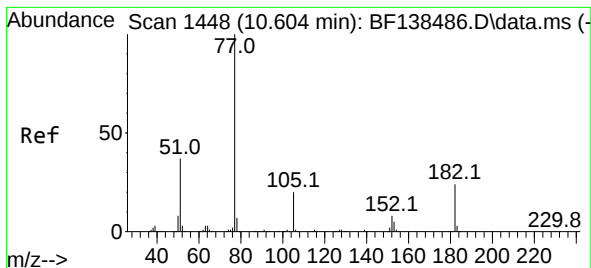
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#62
4-Nitroaniline
Concen: 53.003 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

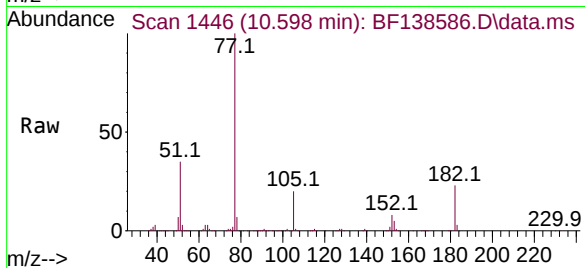
Tgt Ion:138 Resp: 130944
Ion Ratio Lower Upper
138 100
92 56.4 35.8 75.8
108 79.8 59.8 99.8





#63
Azobenzene
Concen: 56.891 ng
RT: 10.598 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

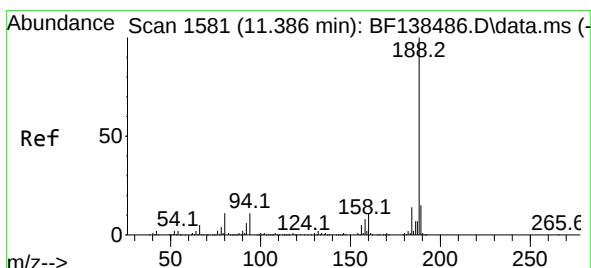
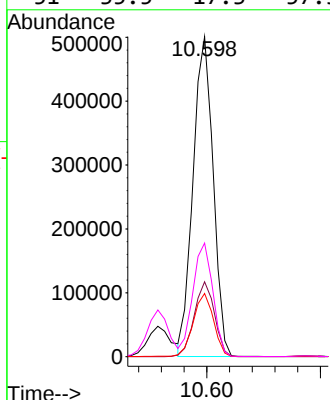
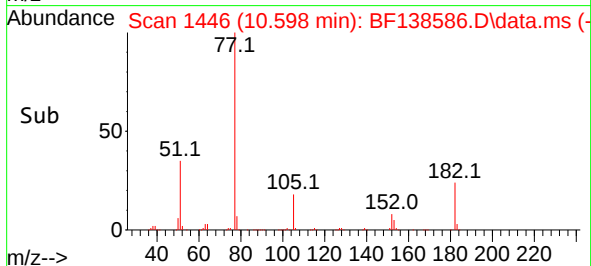
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



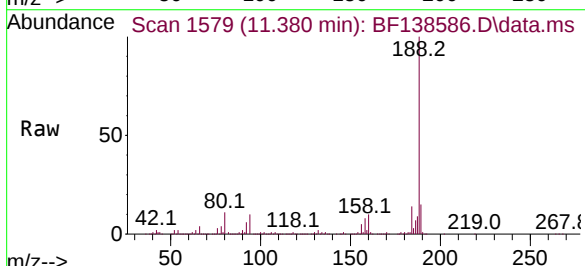
Tgt Ion: 77 Resp: 61602
Ion Ratio Lower Upper
77 100
182 23.4 3.8 43.8
105 19.7 0.0 39.8
51 35.5 17.3 57.3

Manual Integrations
APPROVED

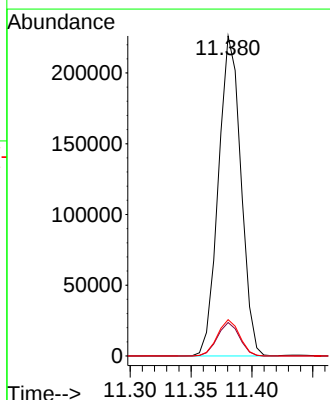
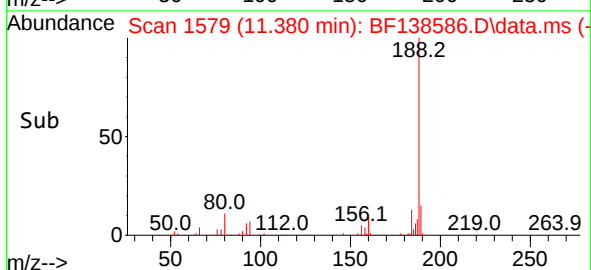
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28



Tgt Ion:188 Resp: 291130
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.3 9.0 13.4





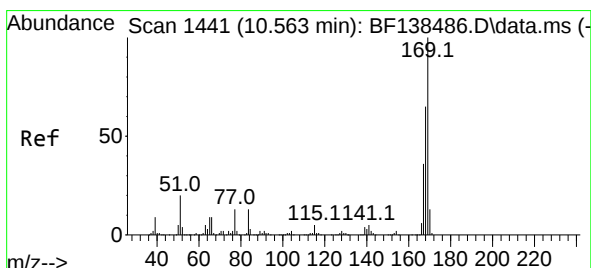
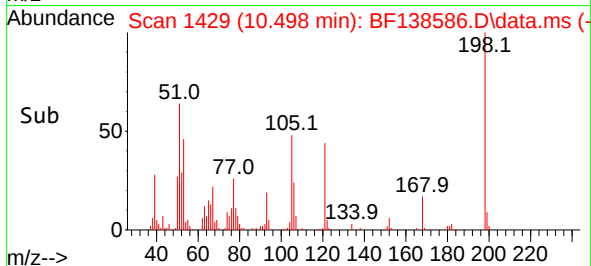
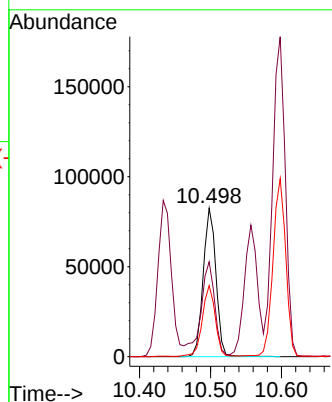
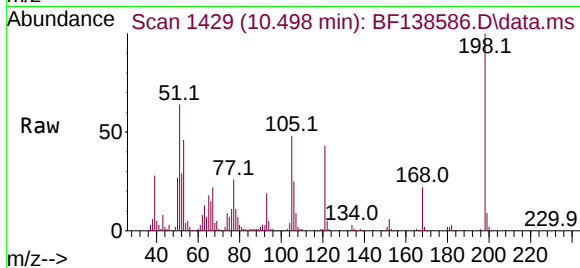
#65
4,6-Dinitro-2-methylphenol
Concen: 61.479 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD

Tgt Ion:198 Resp: 10334
Ion Ratio Lower Upper
198 100
51 63.9 27.2 67.2
105 47.8 18.5 58.5

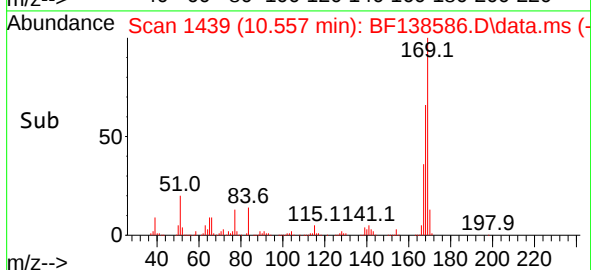
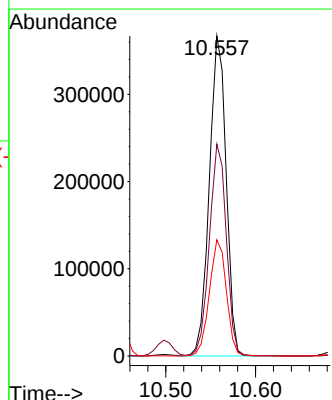
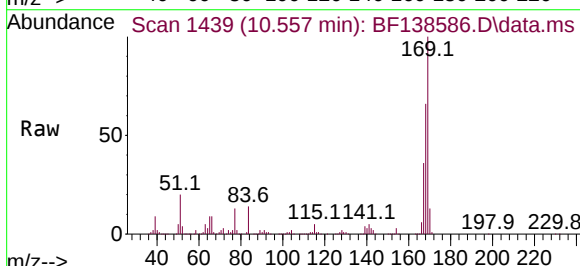
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 54.670 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

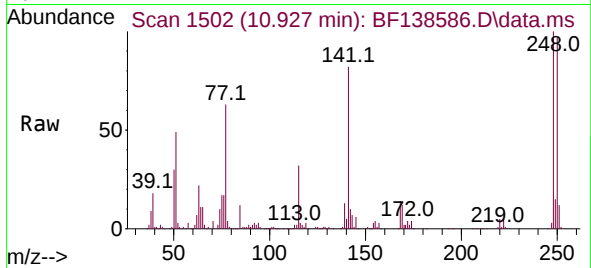
Tgt Ion:169 Resp: 476855
Ion Ratio Lower Upper
169 100
168 66.2 51.7 77.5
167 36.3 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 52.105 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

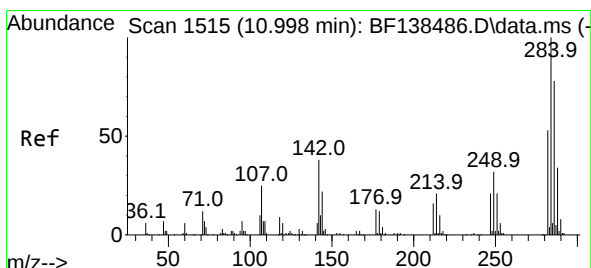
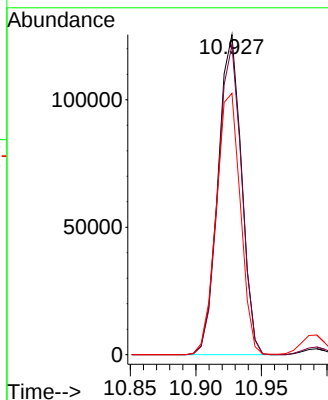
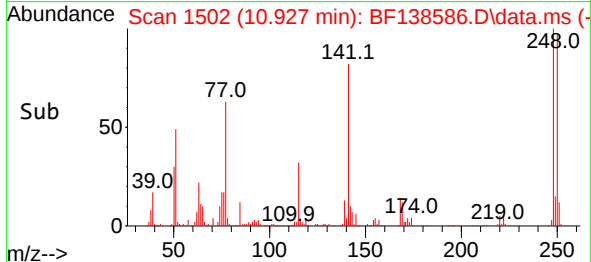
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



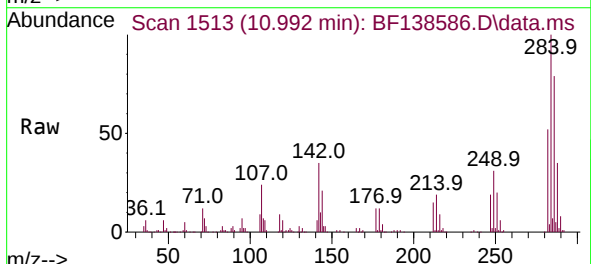
Tgt Ion:248 Resp: 15591
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 81.7 67.7 101.5

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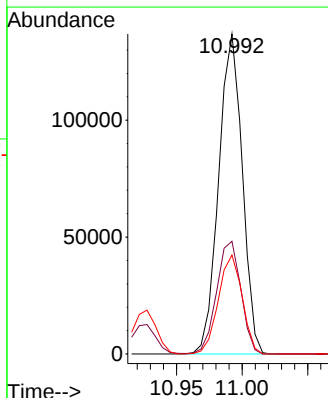
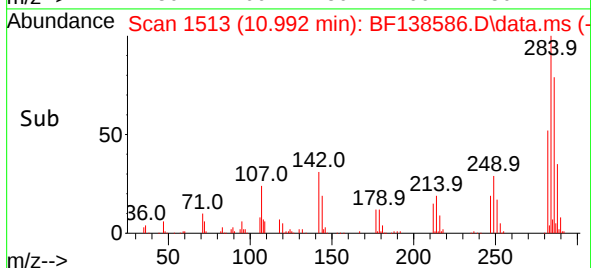
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#68
Hexachlorobenzene
Concen: 51.504 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28



Tgt Ion:284 Resp: 171208
Ion Ratio Lower Upper
284 100
142 35.2 30.5 45.7
249 30.9 25.9 38.9





#69

Atrazine

Concen: 40.814 ng

RT: 11.080 min Scan# 11029

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion:200 Resp: 118029

Ion Ratio Lower Upper

200 100

173 26.6 4.1 44.1

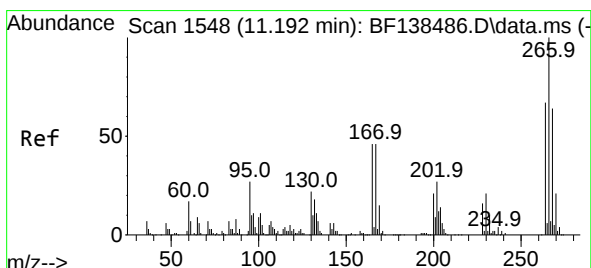
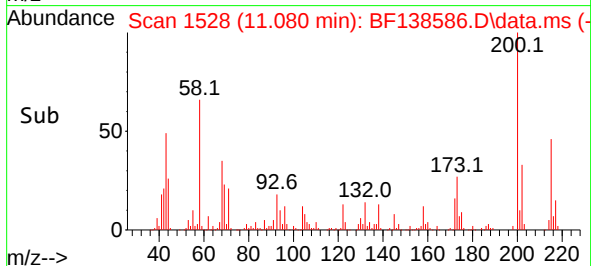
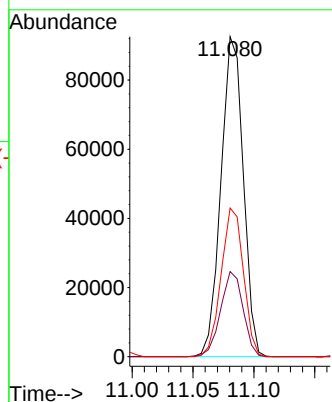
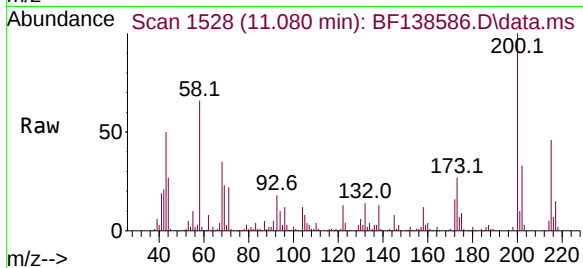
215 46.5 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#70

Pentachlorophenol

Concen: 101.185 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

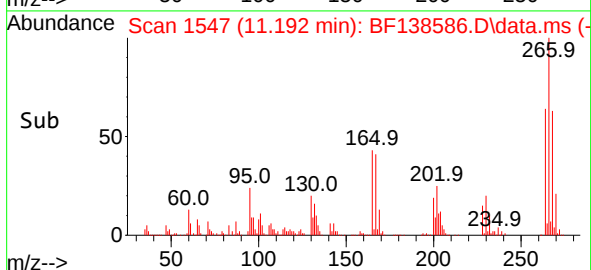
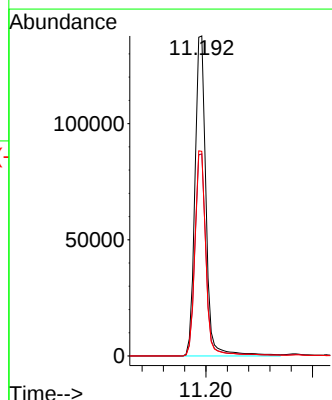
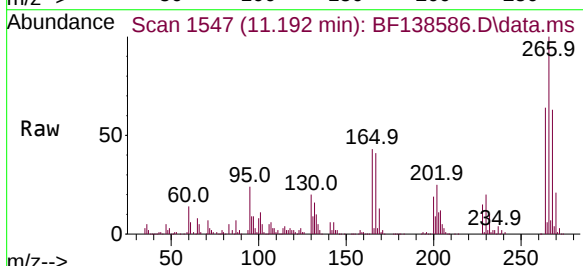
Tgt Ion:266 Resp: 199032

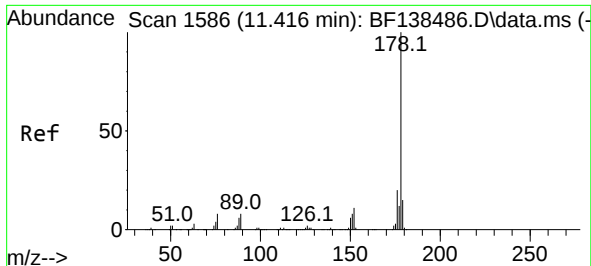
Ion Ratio Lower Upper

266 100

268 63.2 50.9 76.3

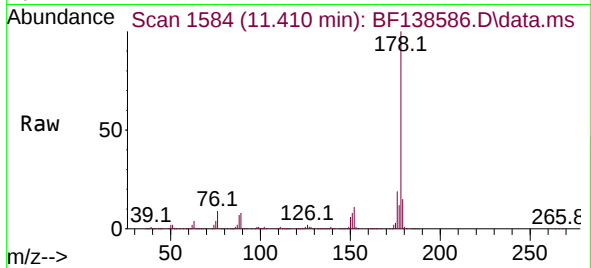
264 64.0 53.5 80.3





#71
Phenanthrene
Concen: 55.805 ng
RT: 11.410 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

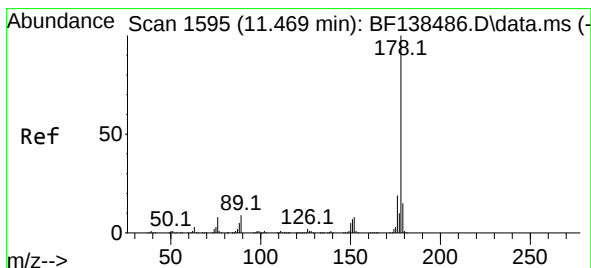
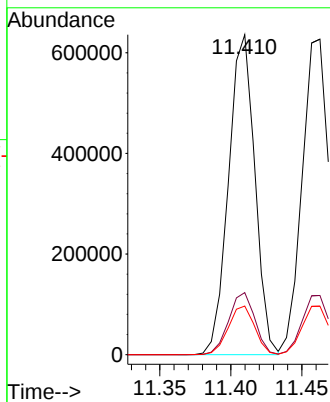
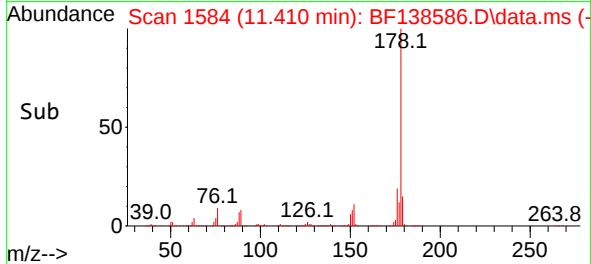
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:178 Resp: 82078
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.2 12.2 18.2

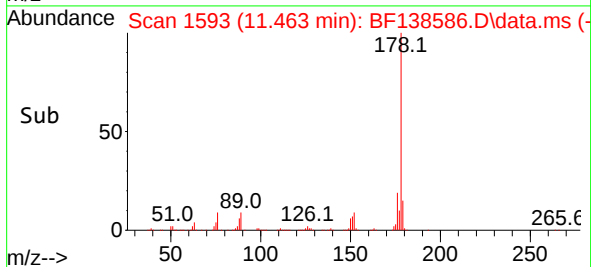
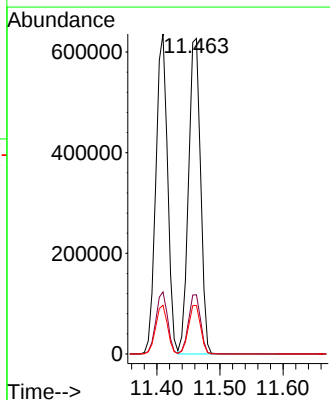
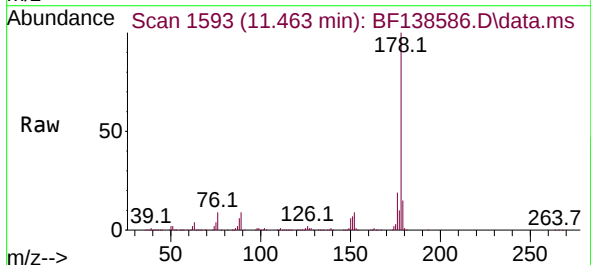
Manual Integrations
APPROVED

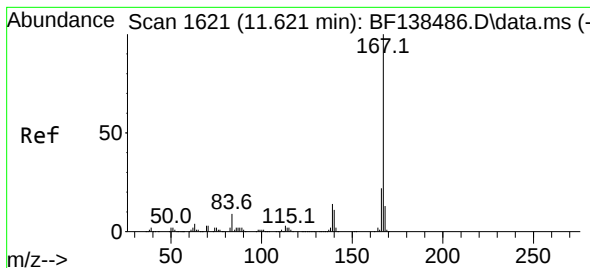
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#72
Anthracene
Concen: 56.740 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:178 Resp: 828410
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 12.2 18.4





#73

Carbazole

Concen: 55.278 ng

RT: 11.616 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

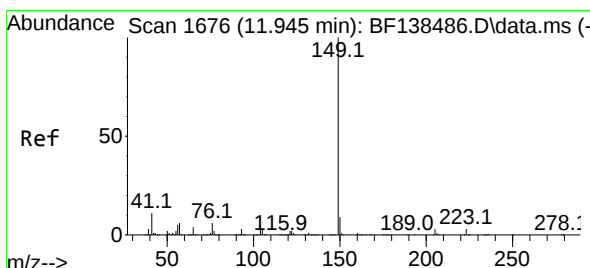
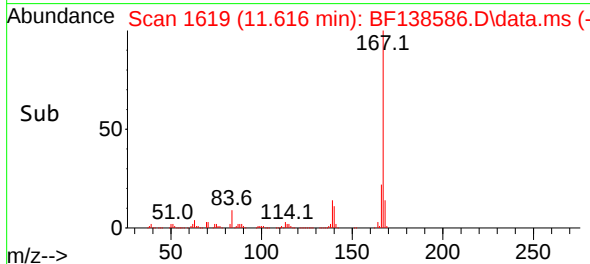
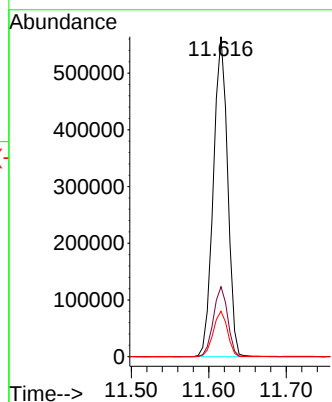
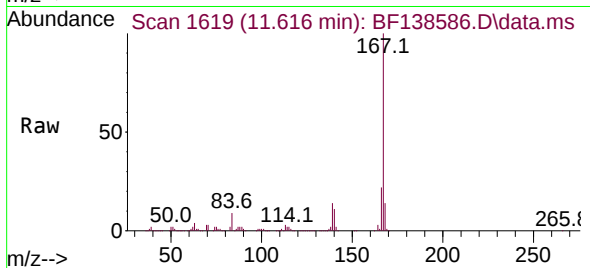
Tgt Ion:167	Resp: 725290
Ion Ratio	Lower Upper
167 100	
166 21.9	17.8 26.6
139 14.2	11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#74

Di-n-butylphthalate

Concen: 58.019 ng

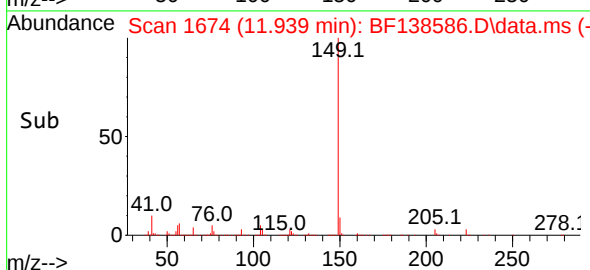
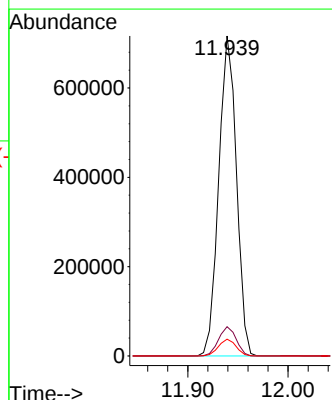
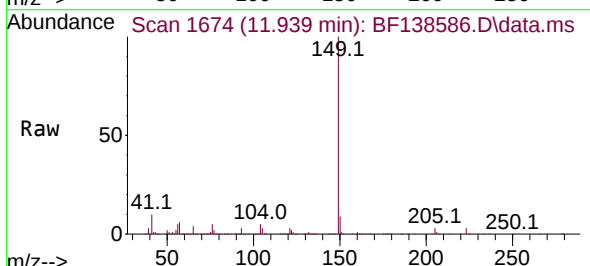
RT: 11.939 min Scan# 1674

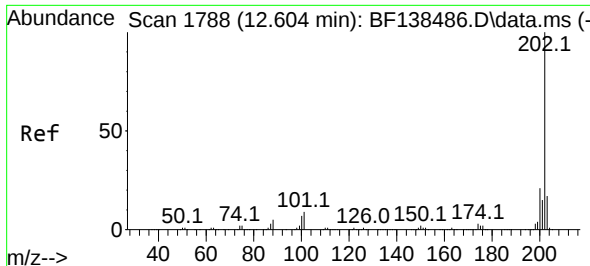
Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

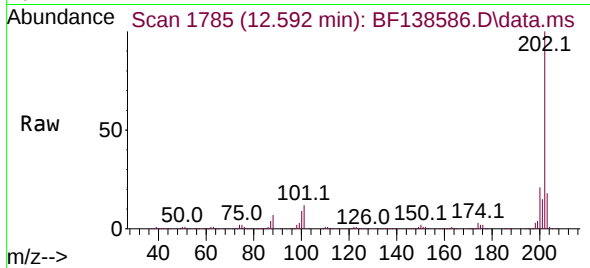
Tgt Ion:149	Resp: 877473
Ion Ratio	Lower Upper
149 100	
150 9.1	7.4 11.0
104 5.2	4.4 6.6





#75
Fluoranthene
Concen: 53.418 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

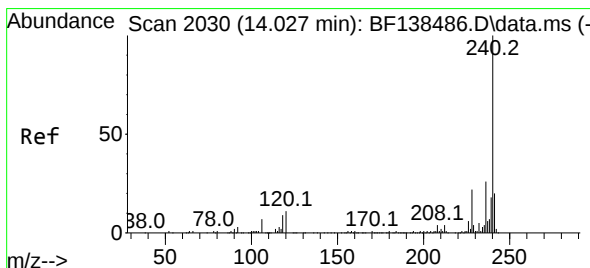
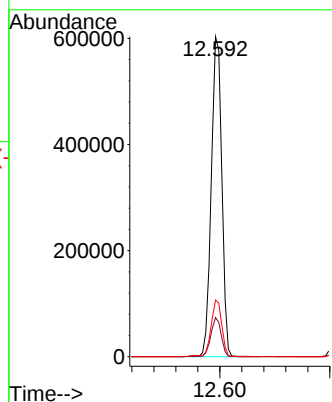
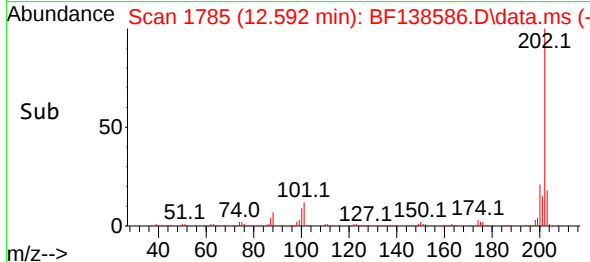
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



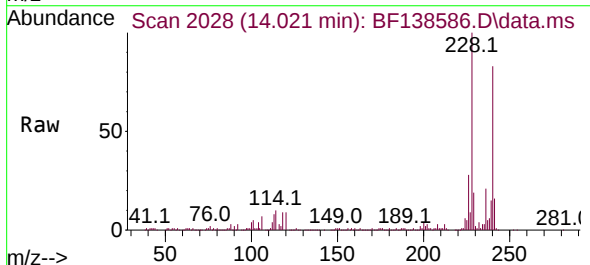
Tgt Ion:202 Resp: 801708
Ion Ratio Lower Upper
202 100
101 12.2 0.0 29.2
203 17.7 0.0 37.3

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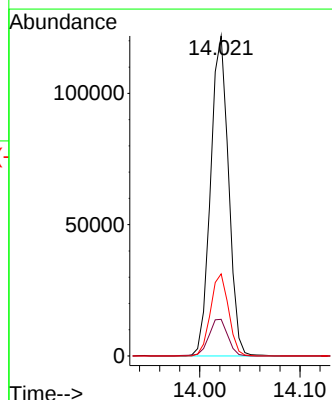
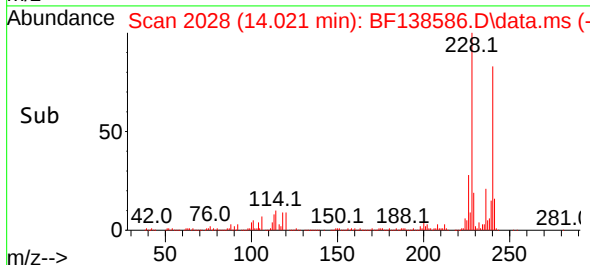
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

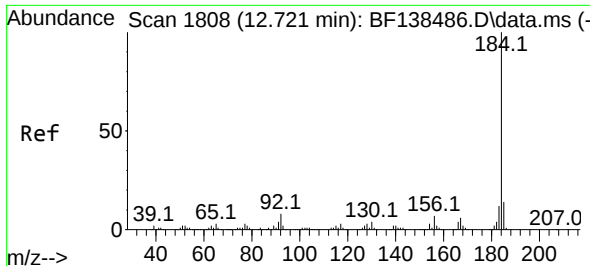


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28



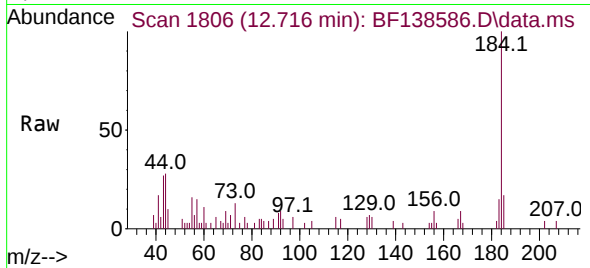
Tgt Ion:240 Resp: 151731
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.7 21.0 31.6





#77
Benzidine
Concen: 2.257 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

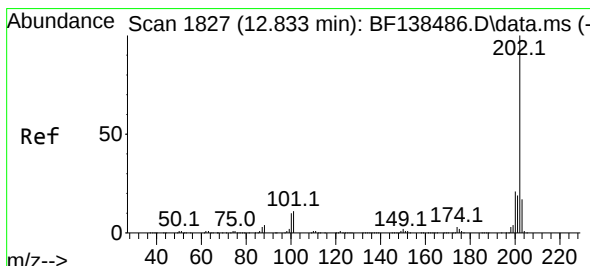
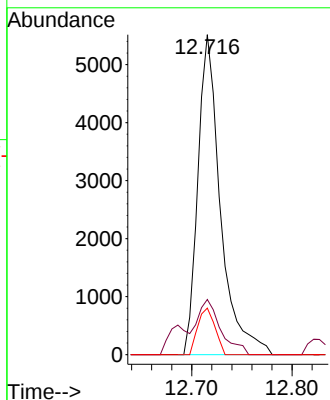
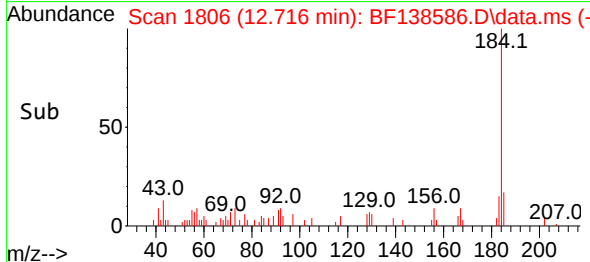
Instrument : BNA_F
ClientSampleId : WC-CTW2-BL-01MSD



Tgt Ion:184 Resp: 864
Ion Ratio Lower Upper
184 100
185 17.3 11.3 16.9
183 14.5 9.5 14.3

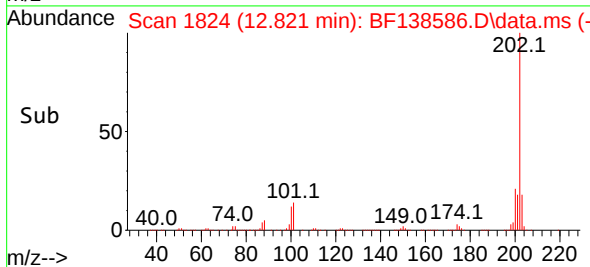
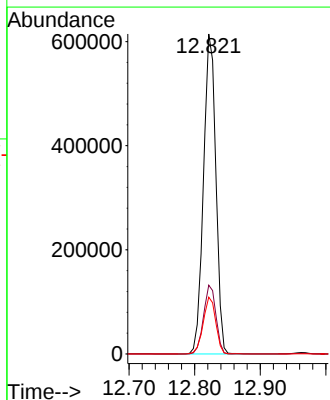
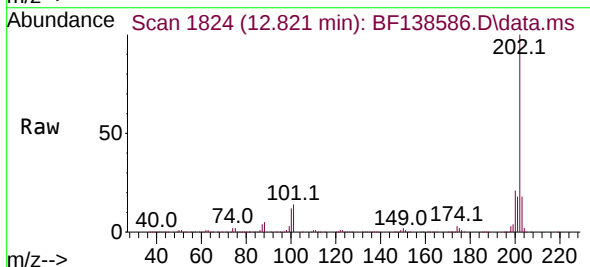
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 52.491 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

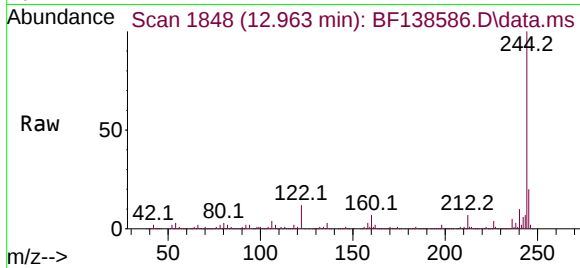
Tgt Ion:202 Resp: 808509
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.8 13.7 20.5





#79
 Terphenyl-d14
 Concen: 108.962 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138586.D
 Acq: 19 Jul 2024 13:28

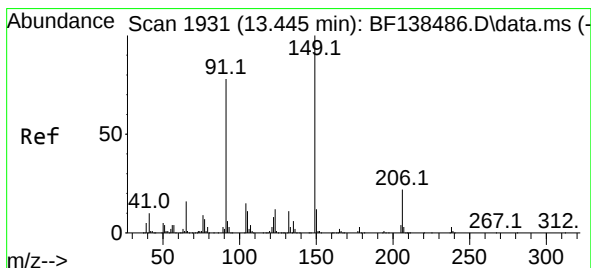
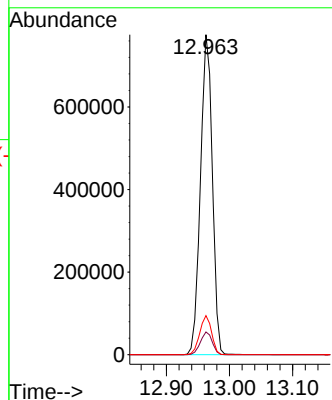
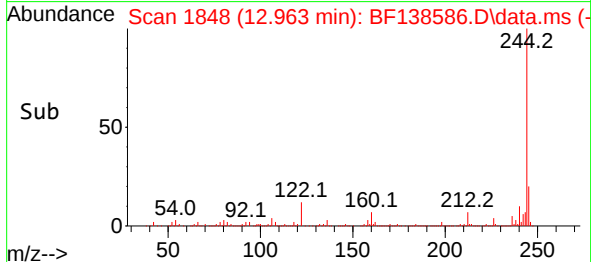
Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-01MSD



Tgt Ion:244 Resp: 101484
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.2 7.8 11.8

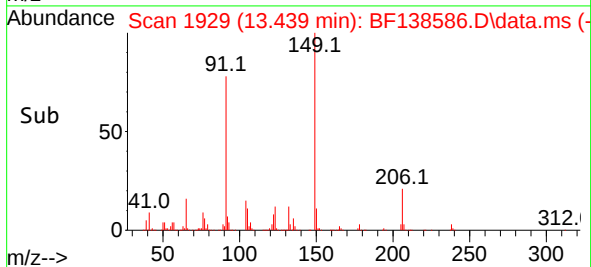
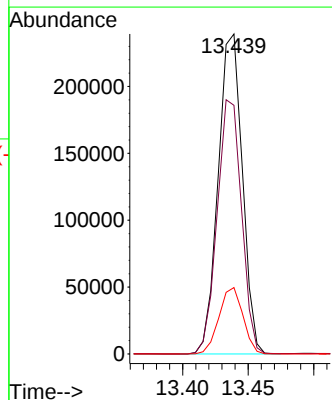
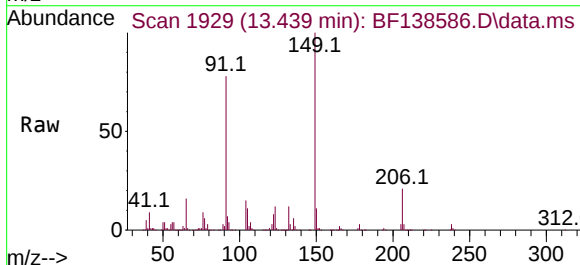
Manual Integrations
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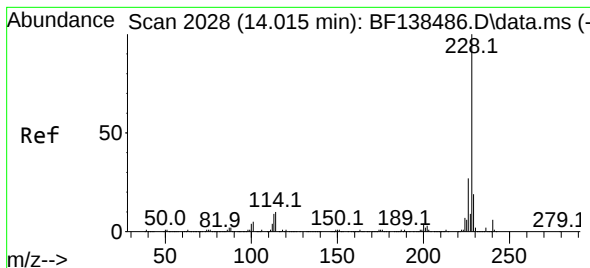
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#80
 Butylbenzylphthalate
 Concen: 66.257 ng
 RT: 13.439 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF138586.D
 Acq: 19 Jul 2024 13:28

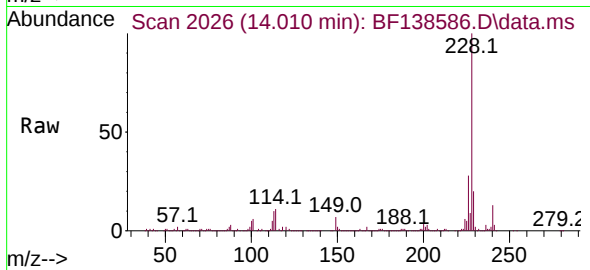
Tgt Ion:149 Resp: 306999
 Ion Ratio Lower Upper
 149 100
 91 77.7 62.1 93.1
 206 20.7 18.0 27.0





#81
Benzo(a)anthracene
Concen: 57.748 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

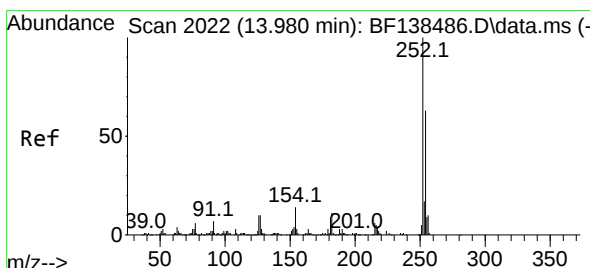
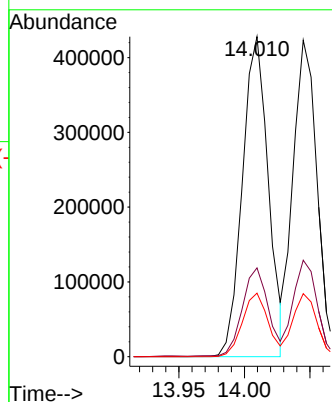
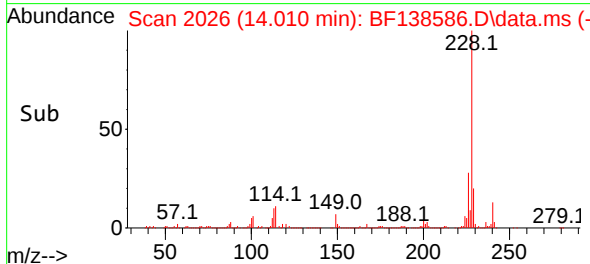
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:228 Resp: 58794
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 19.9 15.5 23.3

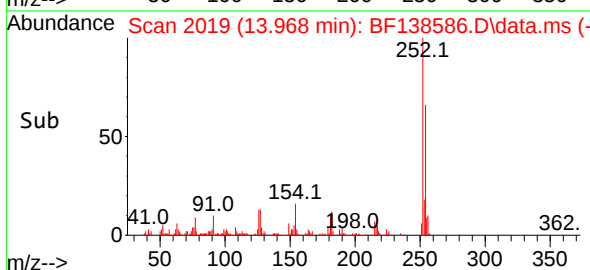
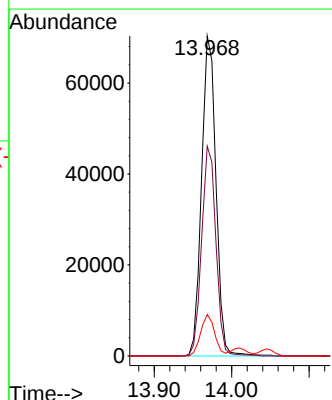
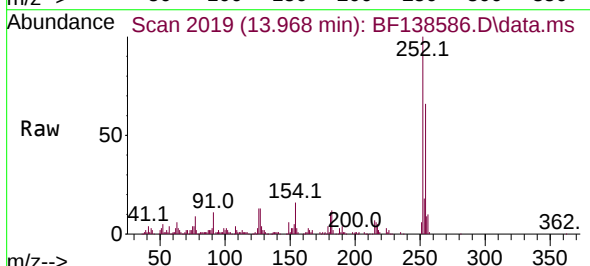
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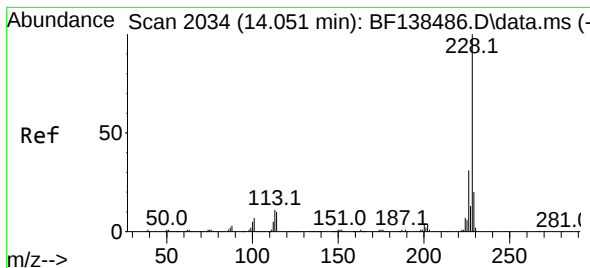
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.610 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:252 Resp: 90798
Ion Ratio Lower Upper
252 100
254 65.5 50.3 75.5
126 13.0 8.1 12.1#





#83

Chrysene

Concen: 55.553 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

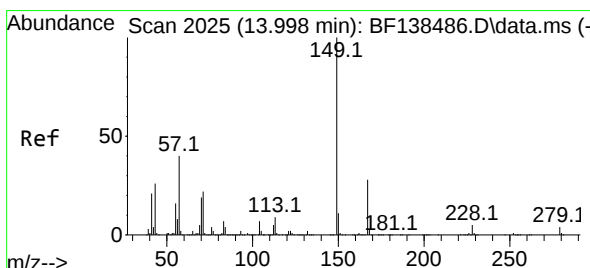
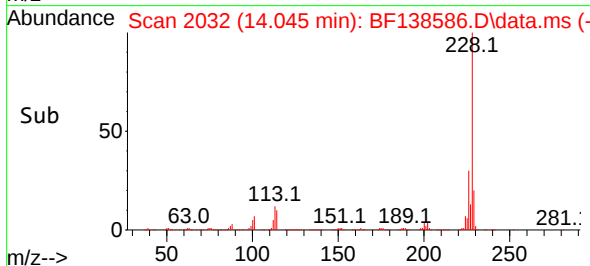
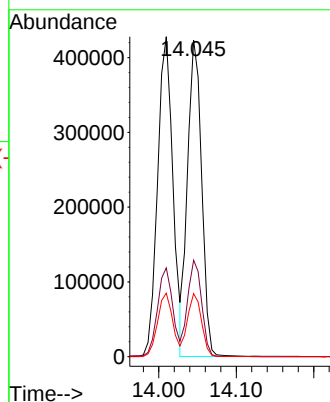
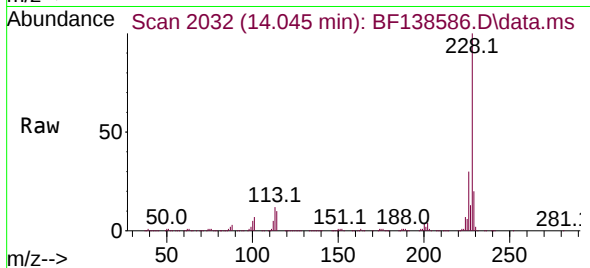
ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion:228 Resp: 535052
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.9 16.0 24.0

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.948 ng

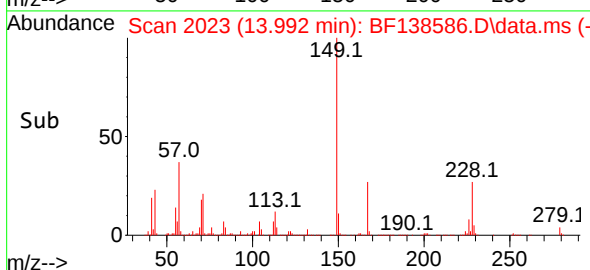
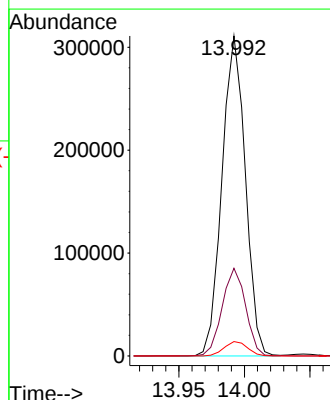
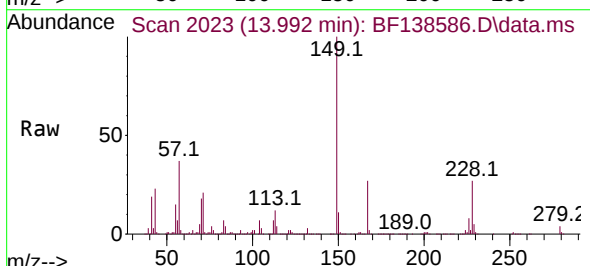
RT: 13.992 min Scan# 2023

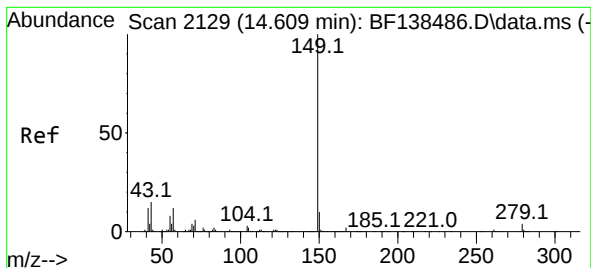
Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

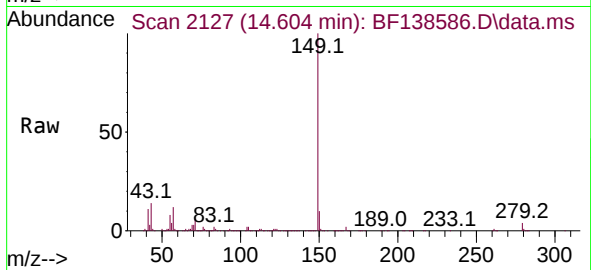
Tgt Ion:149 Resp: 385193
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.5 33.7
 279 4.5 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 72.516 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

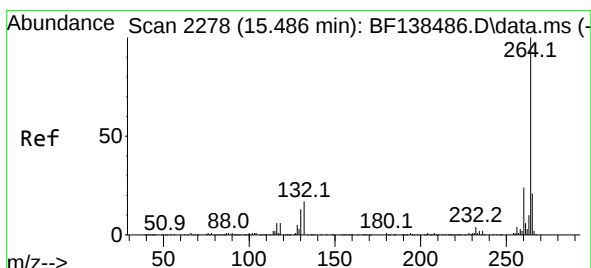
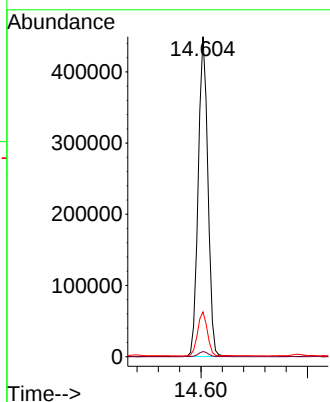
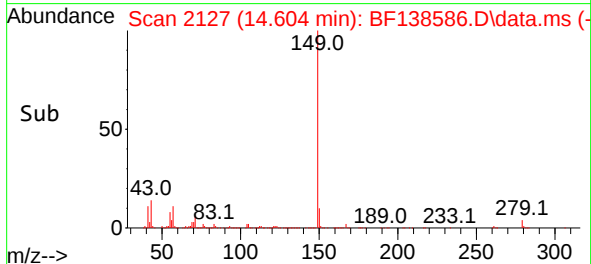
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:149 Resp: 566098
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 13.8 10.7 16.1

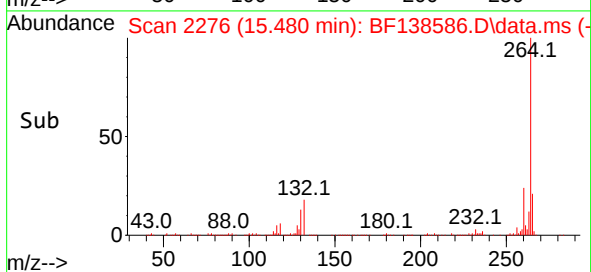
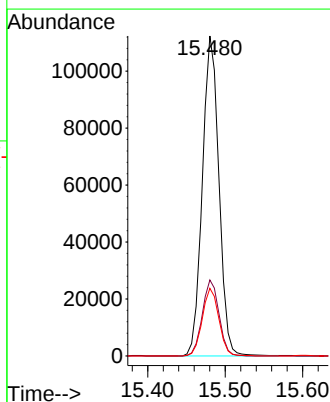
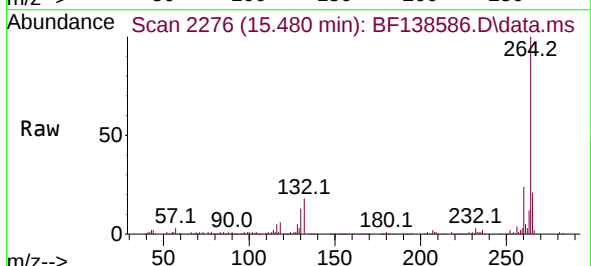
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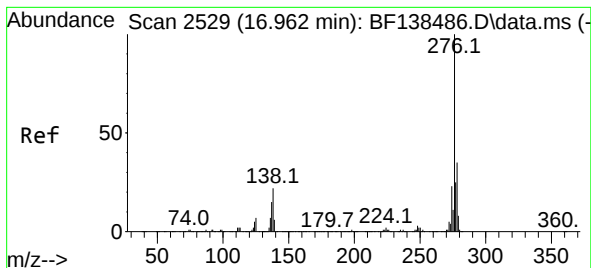
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:264 Resp: 166878
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.538 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion:276 Resp: 644960

Ion Ratio Lower Upper

276 100

138 25.8 19.6 29.4

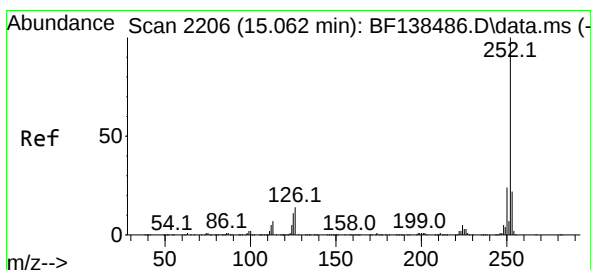
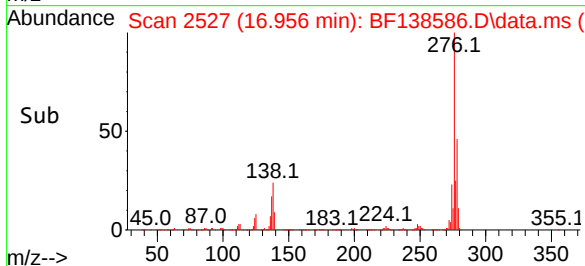
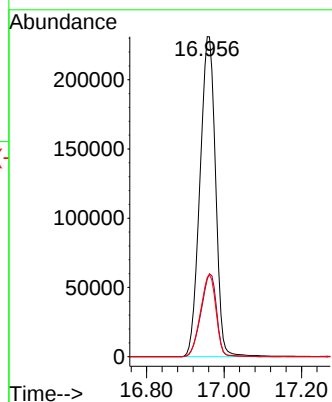
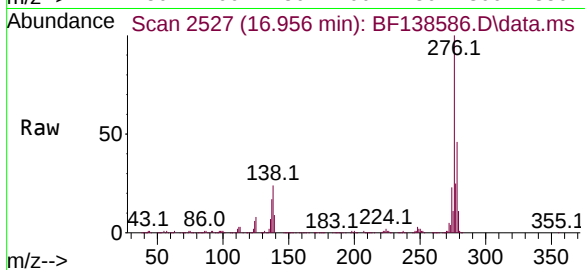
277 25.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#88

Benzo(b)fluoranthene

Concen: 53.956 ng

RT: 15.057 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

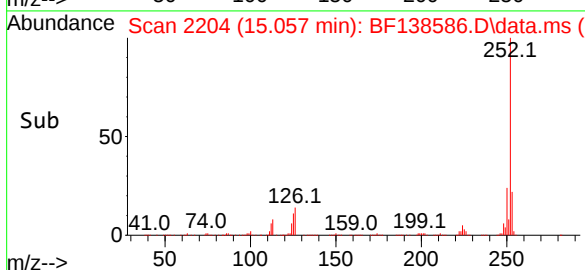
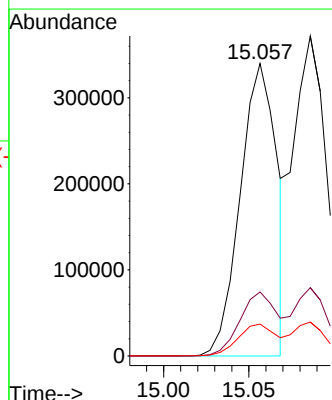
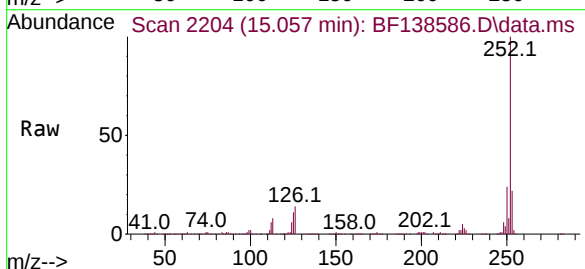
Tgt Ion:252 Resp: 507080

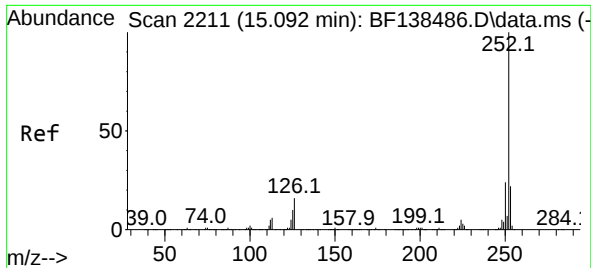
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

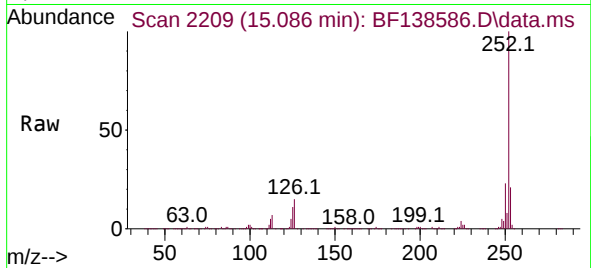
125 10.9 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 55.683 ng
RT: 15.086 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

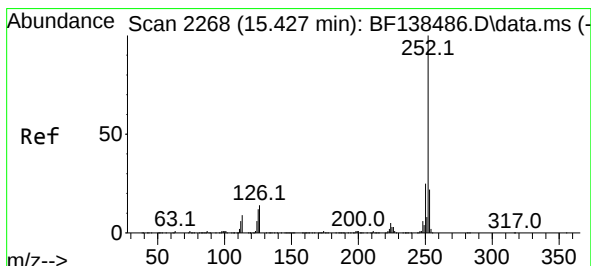
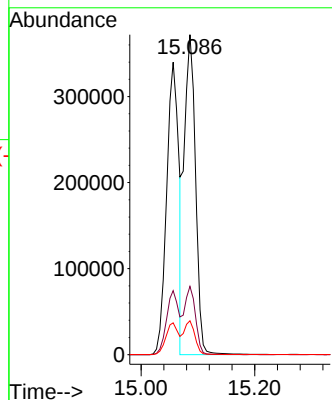
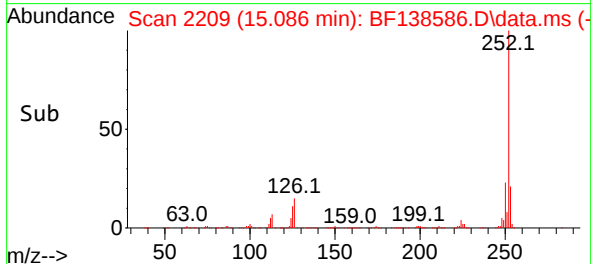
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD



Tgt Ion:252 Resp: 510378
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 10.6 8.1 12.1

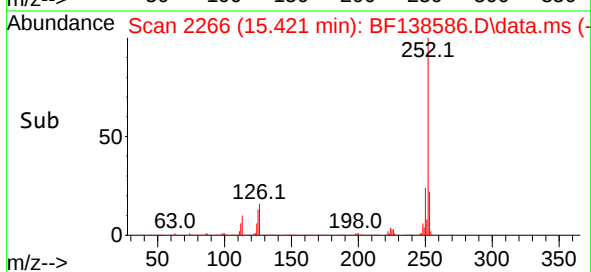
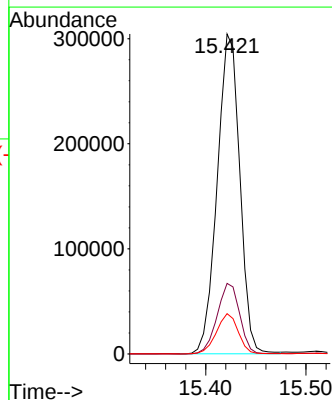
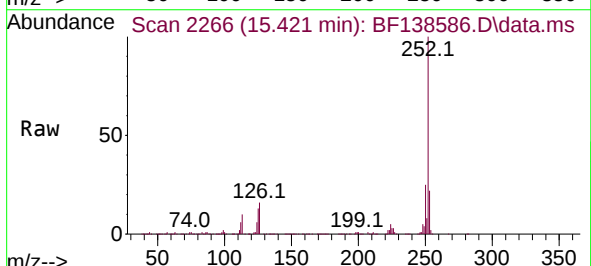
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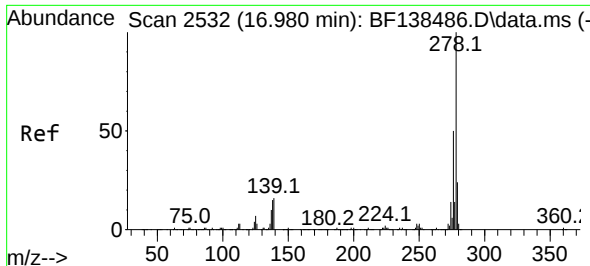
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#90
Benzo(a)pyrene
Concen: 57.624 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF138586.D
Acq: 19 Jul 2024 13:28

Tgt Ion:252 Resp: 475734
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 12.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 56.354 ng

RT: 16.974 min Scan# 2532

Delta R.T. -0.006 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01MSD

Tgt Ion:278 Resp: 51672

Ion Ratio Lower Upper

278 100

139 16.7 12.8 19.2

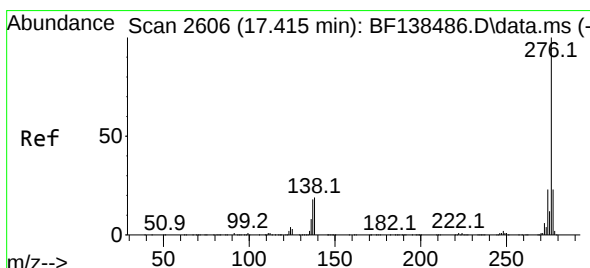
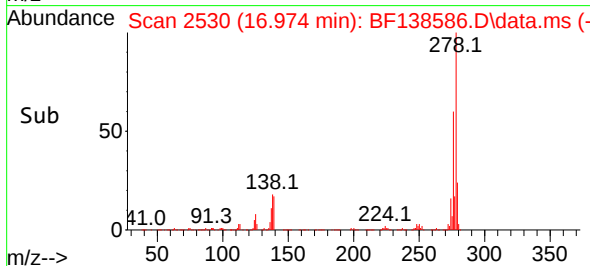
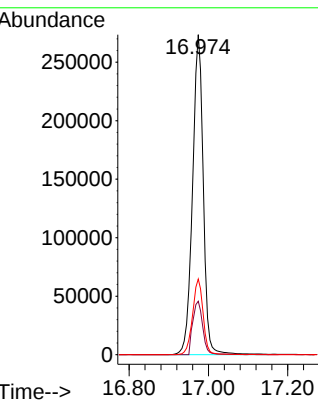
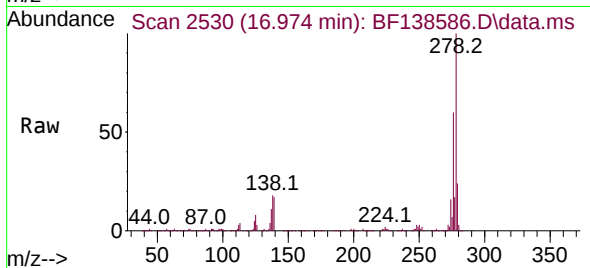
279 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#92

Benzo(g,h,i)perylene

Concen: 51.245 ng

RT: 17.404 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF138586.D

Acq: 19 Jul 2024 13:28

Tgt Ion:276 Resp: 498254

Ion Ratio Lower Upper

276 100

277 23.8 18.0 27.0

138 23.0 15.5 23.3

