

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138591.D
 Acq On : 19 Jul 2024 15:59
 Operator : RC/JU
 Sample : P3246-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 16:28:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	78900	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	331750	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	179702	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	316038	20.000	ng	0.00
76) Chrysene-d12	14.021	240	155523	20.000	ng	0.00
86) Perylene-d12	15.486	264	181335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	571447	114.706	ng	0.00
7) Phenol-d6	6.498	99	775004	116.941	ng	0.00
23) Nitrobenzene-d5	7.428	82	489494	72.443	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	191130	113.802	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	818779	71.211	ng	-0.01
79) Terphenyl-d14	12.963	244	753369	78.916	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	98173	44.494	ng	99
3) Pyridine	3.463	79	232450	42.720	ng	97
4) n-Nitrosodimethylamine	3.416	42	188297	53.160	ng	91
6) Aniline	6.522	93	253921	40.906	ng	# 41
8) 2-Chlorophenol	6.645	128	287281	54.536	ng	97
9) Benzaldehyde	6.410	77	28055	7.909	ng	92
10) Phenol	6.516	94	379215	53.908	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	282908	53.416	ng	98
12) 1,3-Dichlorobenzene	6.798	146	291309	49.197	ng	97
13) 1,4-Dichlorobenzene	6.875	146	294419	48.965	ng	98
14) 1,2-Dichlorobenzene	7.028	146	277502	49.552	ng	95
15) Benzyl Alcohol	7.004	79	276598	55.613	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	522589	50.175	ng	67
17) 2-Methylphenol	7.116	107	231359	53.590	ng	96
18) Hexachloroethane	7.369	117	109938	49.735	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	218461	53.348	ng	95
20) 3+4-Methylphenols	7.275	107	290188	53.377	ng	90
22) Acetophenone	7.269	105	363696	45.139	ng	97
24) Nitrobenzene	7.445	77	329402	47.972	ng	97
25) Isophorone	7.681	82	591759	50.997	ng	100
26) 2-Nitrophenol	7.757	139	155806	52.941	ng	96
27) 2,4-Dimethylphenol	7.798	122	197924	54.719	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	350866	50.595	ng	98
29) 2,4-Dichlorophenol	8.004	162	232256	49.446	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	246067	44.969	ng	97
31) Naphthalene	8.163	128	845060	48.979	ng	99
32) Benzoic acid	7.934	122	151921	44.036	ng	94
33) 4-Chloroaniline	8.216	127	158903	26.249	ng	97
34) Hexachlorobutadiene	8.275	225	141581	42.018	ng	99
35) Caprolactam	8.592	113	77928m	51.414	ng	
36) 4-Chloro-3-methylphenol	8.704	107	271337	51.599	ng	99
37) 2-Methylnaphthalene	8.857	142	538712	48.519	ng	99
38) 1-Methylnaphthalene	8.957	142	496549	45.823	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	217054	43.338	ng	97
41) Hexachlorocyclopentadiene	9.004	237	188877	116.186	ng	100
43) 2,4,6-Trichlorophenol	9.134	196	158996	49.768	ng	97

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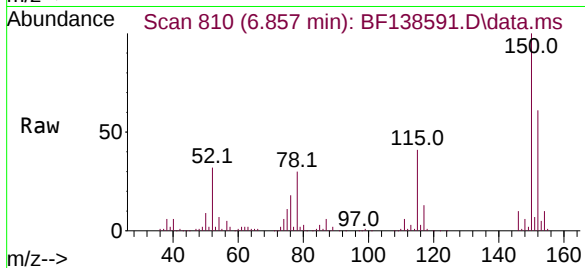
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	170022	48.386	ng	95
46) 1,1'-Biphenyl	9.322	154	625155	45.904	ng	99
47) 2-Chloronaphthalene	9.345	162	494952	48.108	ng	99
48) 2-Nitroaniline	9.445	65	194328	54.507	ng	97
49) Acenaphthylene	9.763	152	795078	54.432	ng	100
50) Dimethylphthalate	9.622	163	597993	51.463	ng	100
51) 2,6-Dinitrotoluene	9.686	165	132952	49.693	ng	89
52) Acenaphthene	9.933	154	500818	51.580	ng	100
53) 3-Nitroaniline	9.857	138	106476	38.829	ng	92
54) 2,4-Dinitrophenol	9.963	184	142658	98.223	ng	98
55) Dibenzofuran	10.104	168	708565	50.312	ng	99
56) 4-Nitrophenol	10.028	139	205612	101.621	ng	99
57) 2,4-Dinitrotoluene	10.092	165	182419	52.697	ng	97
58) Fluorene	10.445	166	559455	50.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	139384	50.262	ng	98
60) Diethylphthalate	10.322	149	579570	51.738	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	266493	47.625	ng	96
62) 4-Nitroaniline	10.475	138	145599	52.987	ng	98
63) Azobenzene	10.598	77	636959	52.887	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	107679	59.008	ng	80
66) n-Nitrosodiphenylamine	10.557	169	487456	51.481	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	160388	49.376	ng	97
68) Hexachlorobenzene	10.992	284	172732	47.867	ng	97
69) Atrazine	11.086	200	149281	47.552	ng	97
70) Pentachlorophenol	11.192	266	193864	90.790	ng	96
71) Phenanthrene	11.410	178	817386	51.194	ng	100
72) Anthracene	11.463	178	818273	51.628	ng	99
73) Carbazole	11.616	167	717481	50.373	ng	99
74) Di-n-butylphthalate	11.939	149	869674	52.971	ng	100
75) Fluoranthene	12.598	202	756064	46.407	ng	98
77) Benzidine	12.716	184	83760	21.347	ng	99
78) Pyrene	12.827	202	751179	47.580	ng	100
80) Butylbenzylphthalate	13.439	149	278890	58.723	ng	98
81) Benzo(a)anthracene	14.010	228	546735	52.391	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	123486	45.923	ng	97
83) Chrysene	14.051	228	505095	51.164	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	353562	69.803	ng	98
85) Di-n-octyl phthalate	14.604	149	559227	69.889	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	625449	51.349	ng	98
88) Benzo(b)fluoranthene	15.057	252	541744	53.048	ng	99
89) Benzo(k)fluoranthene	15.086	252	460952	46.281	ng	99
90) Benzo(a)pyrene	15.427	252	484323	53.987	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	500752	50.258	ng	99
92) Benzo(g,h,i)perylene	17.409	276	479000	45.337	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 813
 Delta R.T. -0.012 min
 Lab File: BF138591.D
 Acq: 19 Jul 2024 15:59

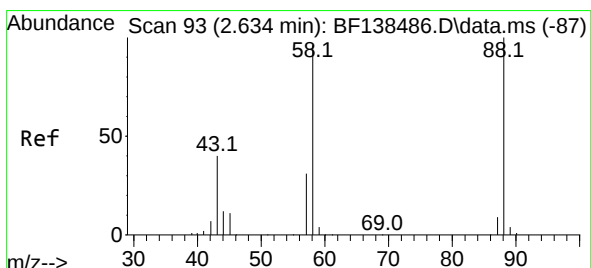
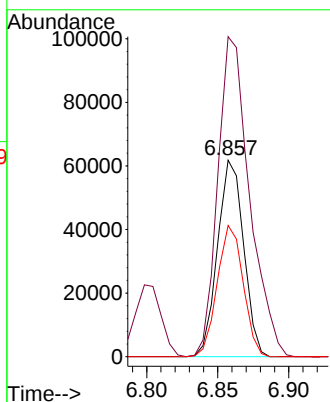
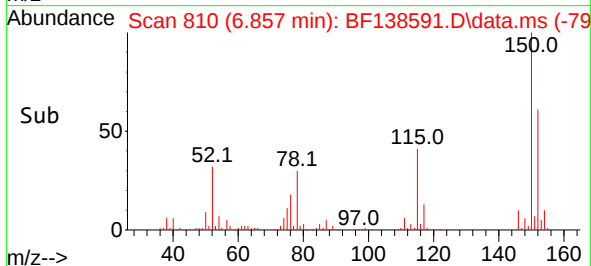
Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02MSD



Tgt Ion:152 Resp: 78900
 Ion Ratio Lower Upper
 152 100
 150 162.9 126.2 189.4
 115 66.8 50.3 75.5

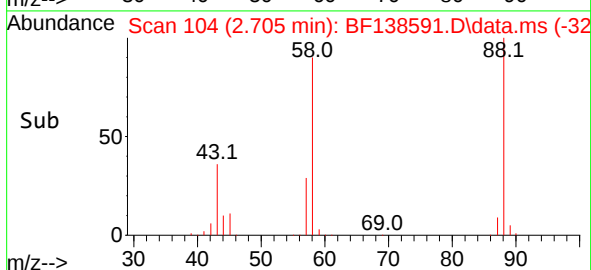
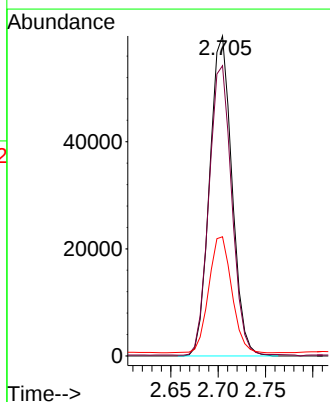
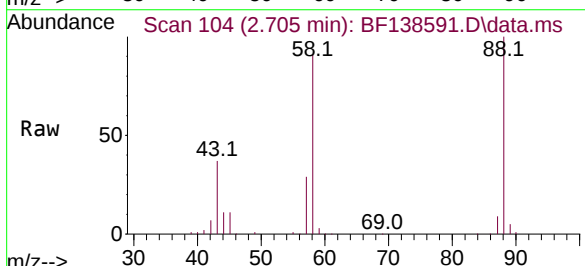
Manual Integrations
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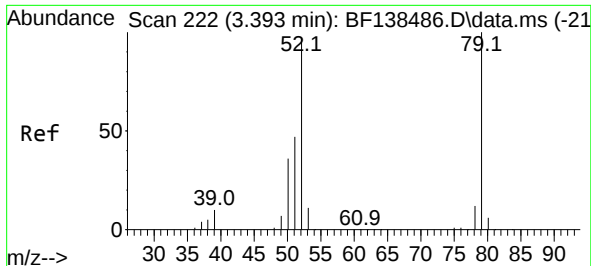
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#2
 1,4-Dioxane
 Concen: 44.494 ng
 RT: 2.705 min Scan# 104
 Delta R.T. 0.071 min
 Lab File: BF138591.D
 Acq: 19 Jul 2024 15:59

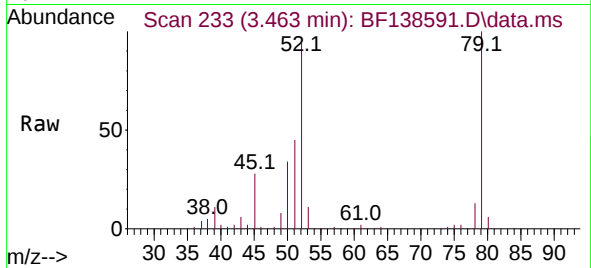
Tgt Ion: 88 Resp: 98173
 Ion Ratio Lower Upper
 88 100
 58 93.2 74.6 112.0
 43 37.2 31.8 47.6





#3
Pyridine
Concen: 42.720 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

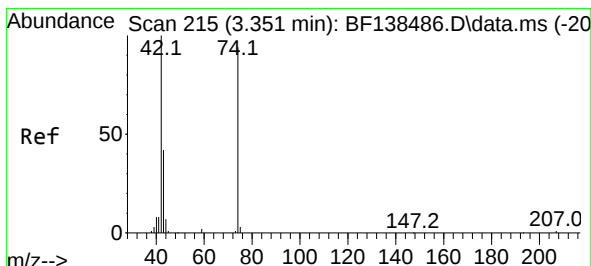
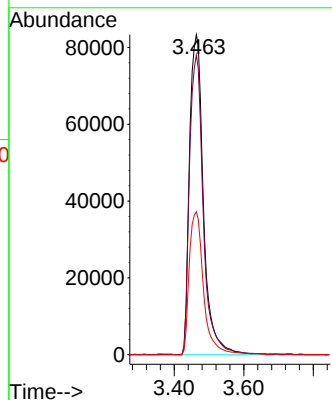
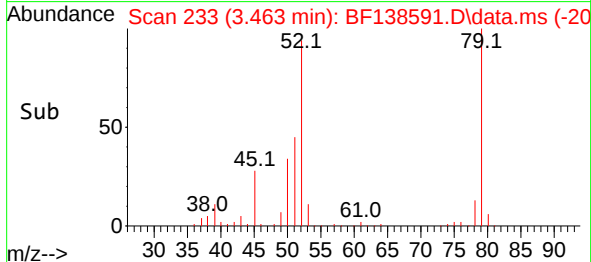
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



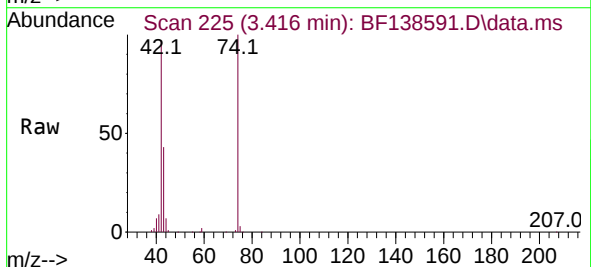
Tgt Ion: 79 Resp: 232450
Ion Ratio Lower Upper
79 100
52 93.6 77.4 116.2
51 44.6 37.4 56.0

Manual Integrations
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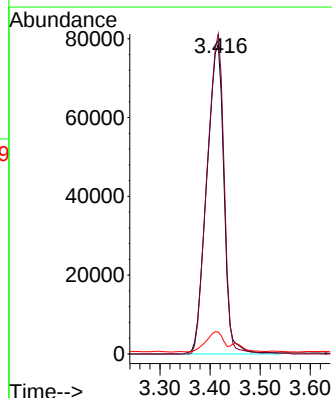
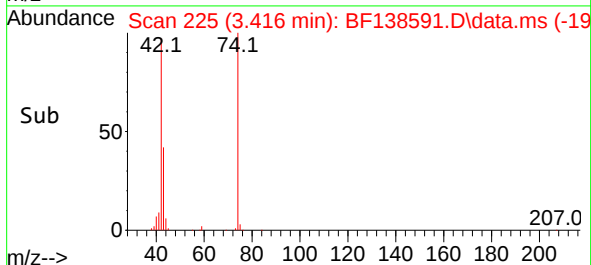
Reviewed By :Yogesh Patel 07/20/2024
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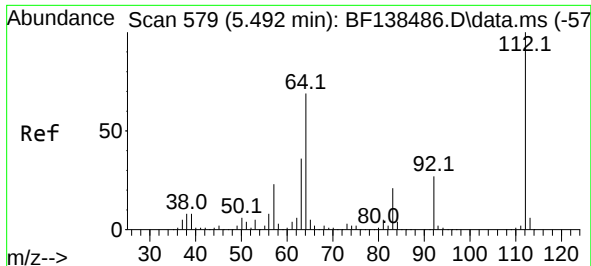


#4
n-Nitrosodimethylamine
Concen: 53.160 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.065 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



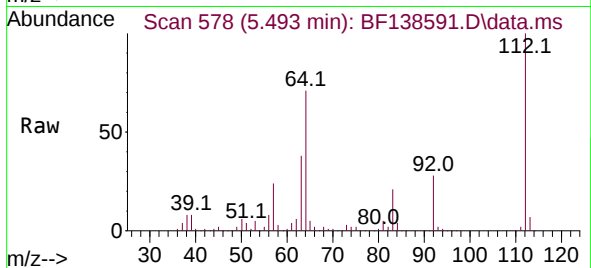
Tgt Ion: 42 Resp: 188297
Ion Ratio Lower Upper
42 100
74 103.4 75.0 112.6
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 114.706 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

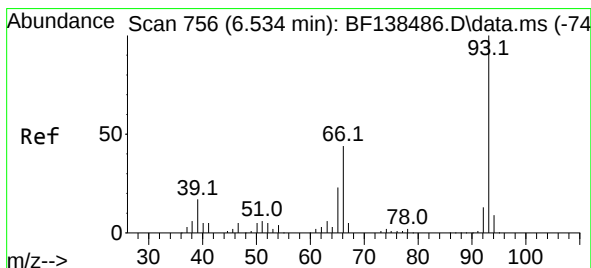
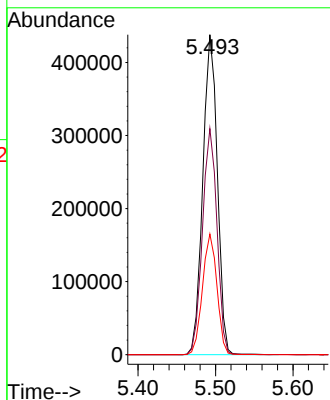
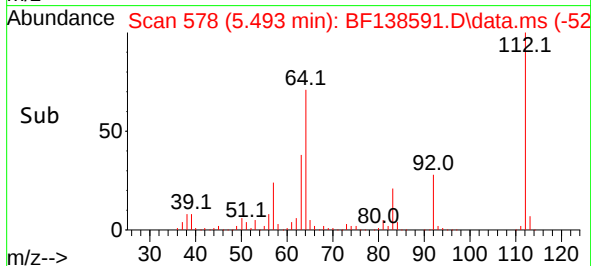
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion:112 Resp: 57144
Ion Ratio Lower Upper
112 100
64 70.6 55.1 82.7
63 37.7 29.0 43.6

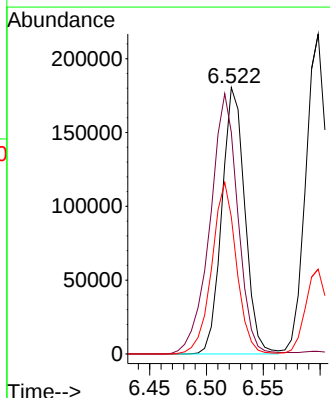
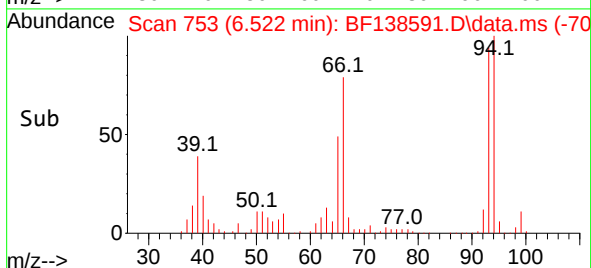
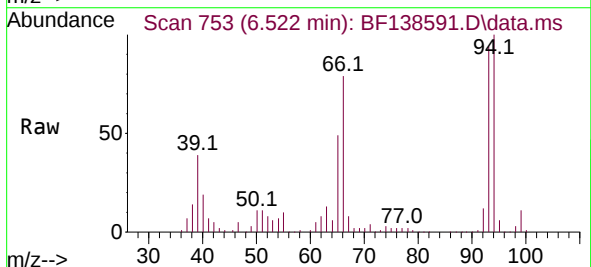
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#6
Aniline
Concen: 40.906 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

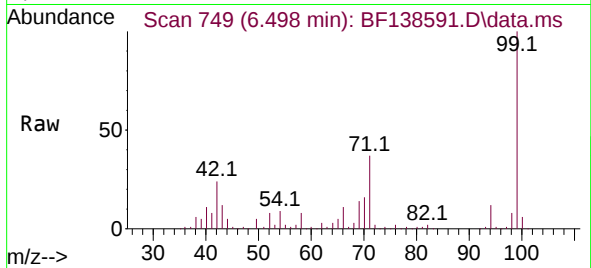
Tgt Ion: 93 Resp: 253921
Ion Ratio Lower Upper
93 100
66 83.2 35.4 53.0#
65 51.5 18.6 27.8#





#7
Phenol-d6
Concen: 116.941 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

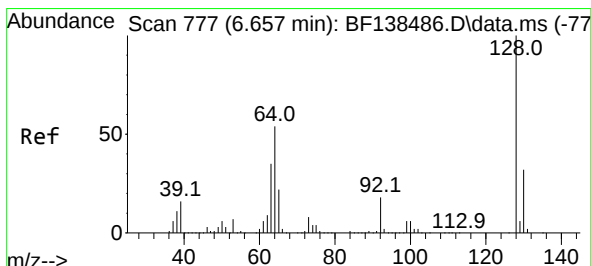
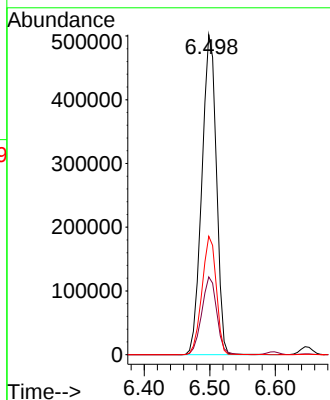
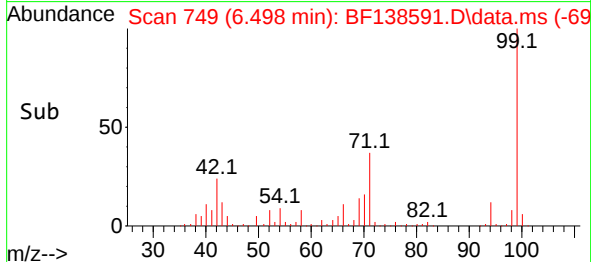
Instrument :
BNA_F
ClientSampleId :
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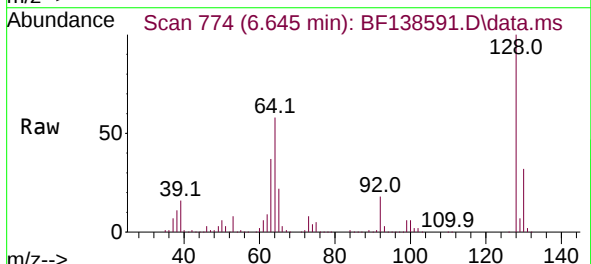
Tgt Ion: 99 Resp: 775004
Ion Ratio Lower Upper
99 100
42 24.3 19.7 29.5
71 37.0 29.9 44.9

Manual Integrations
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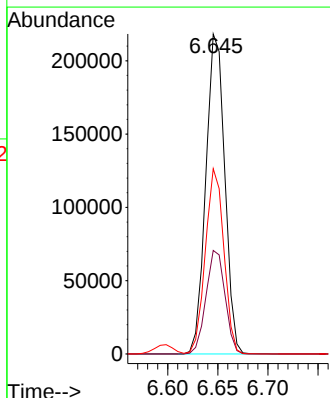
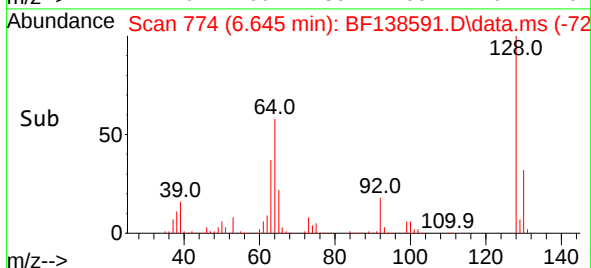
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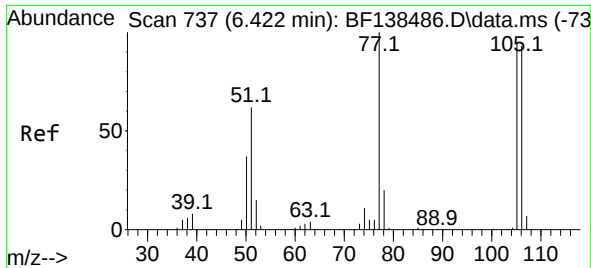


#8
2-Chlorophenol
Concen: 54.536 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



Tgt Ion:128 Resp: 287281
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 57.9 34.4 74.4





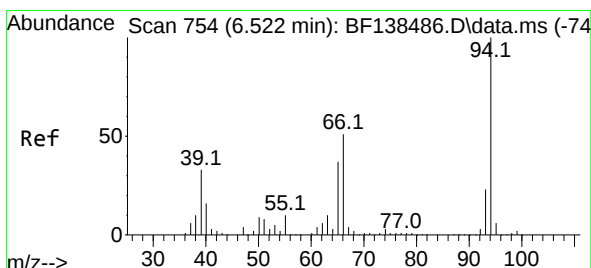
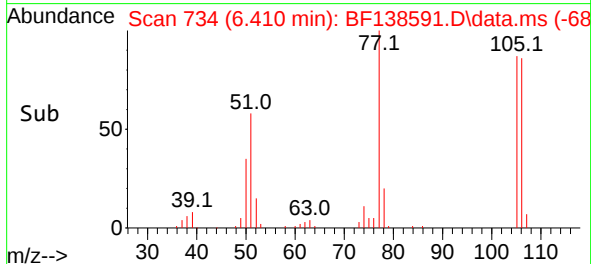
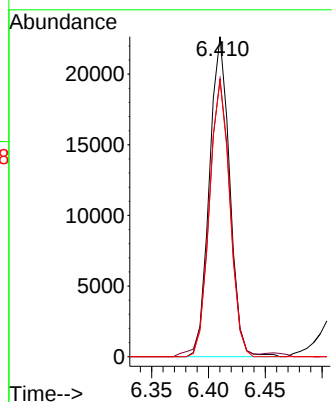
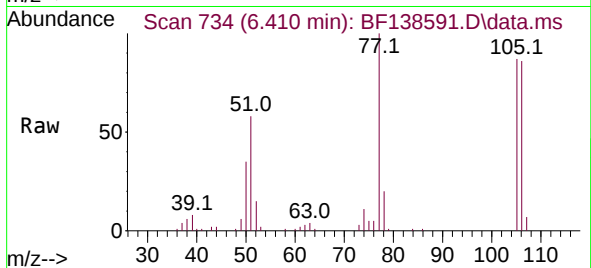
#9
Benzaldehyde
Concen: 7.909 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

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

Tgt Ion: 77 Resp: 2805
Ion Ratio Lower Upper
77 100
105 86.8 75.1 115.1
106 86.4 73.2 113.2

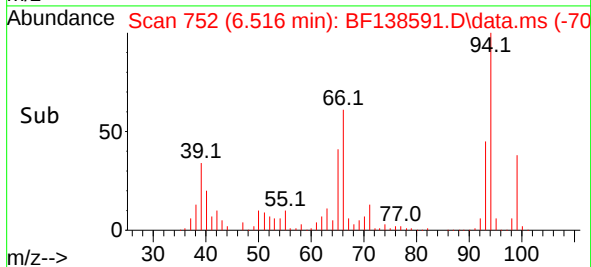
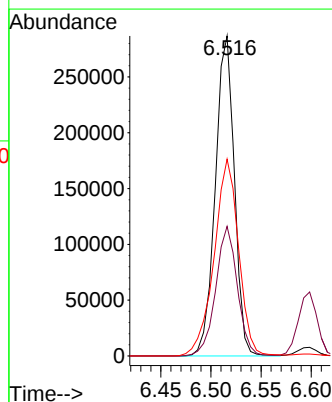
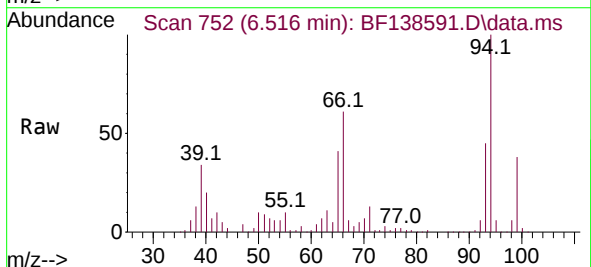
Manual Integrations
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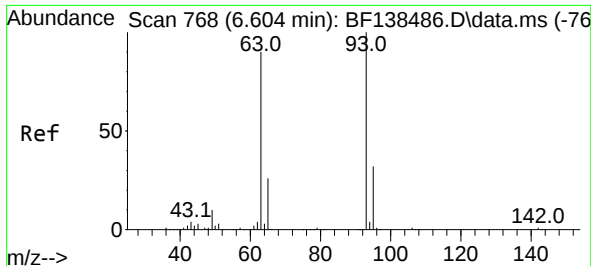
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Phenol
Concen: 53.908 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Tgt Ion: 94 Resp: 379215
Ion Ratio Lower Upper
94 100
65 40.5 16.7 56.7
66 61.5 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 53.416 ng

RT: 6.598 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion: 93 Resp: 282908

Ion Ratio Lower Upper

93 100

63 87.6 68.8 108.8

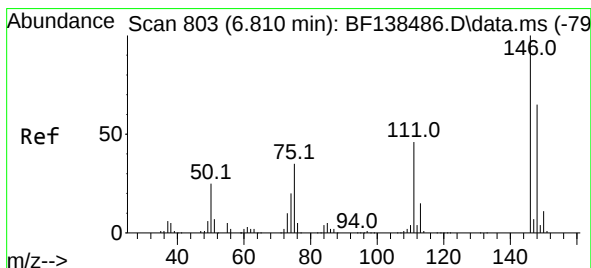
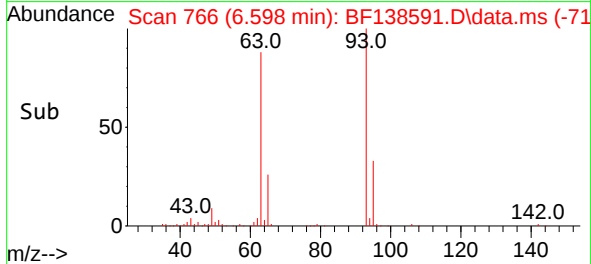
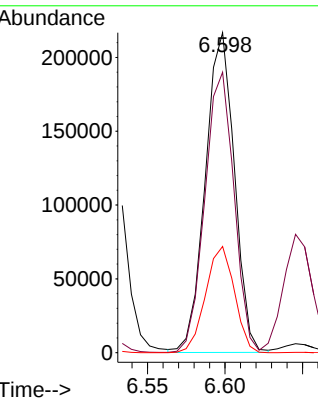
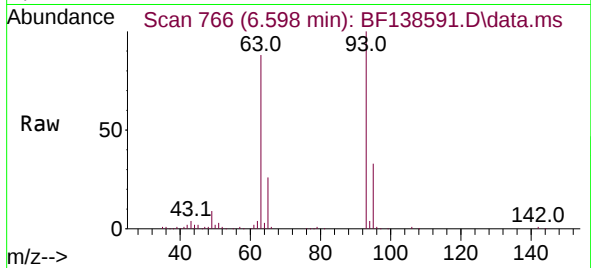
95 33.2 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#12

1,3-Dichlorobenzene

Concen: 49.197 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.012 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

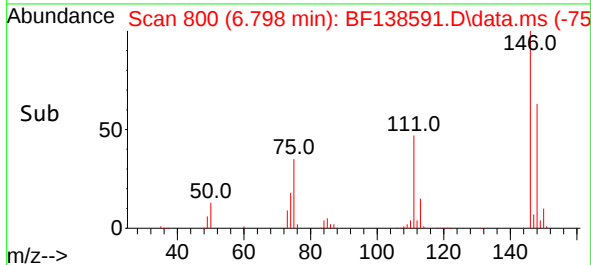
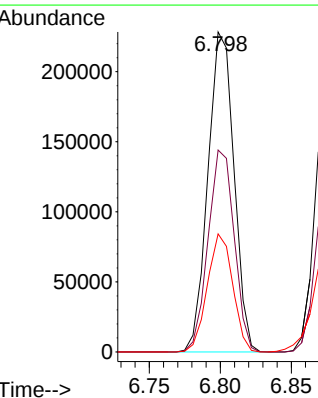
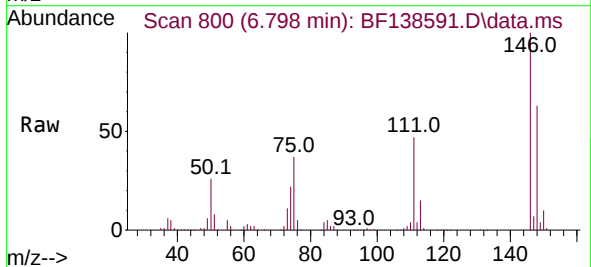
Tgt Ion:146 Resp: 291309

Ion Ratio Lower Upper

146 100

148 63.1 52.4 78.6

75 36.9 27.8 41.8





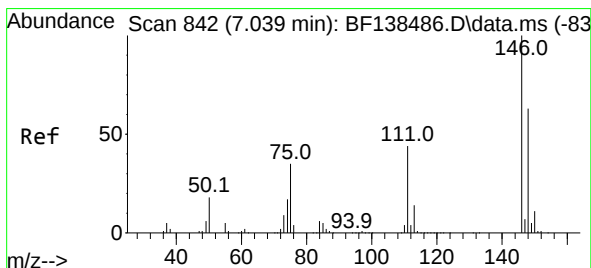
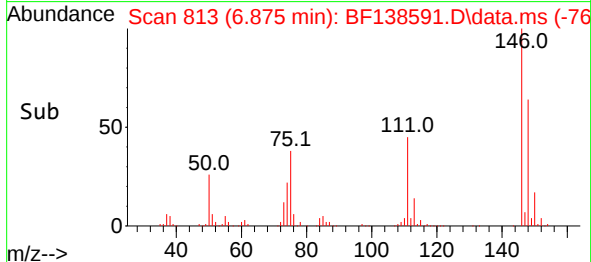
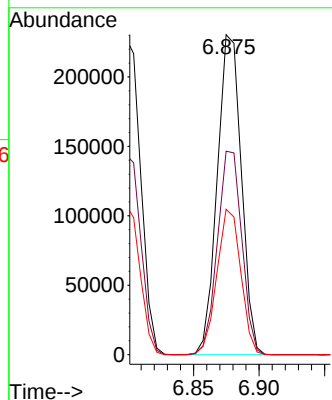
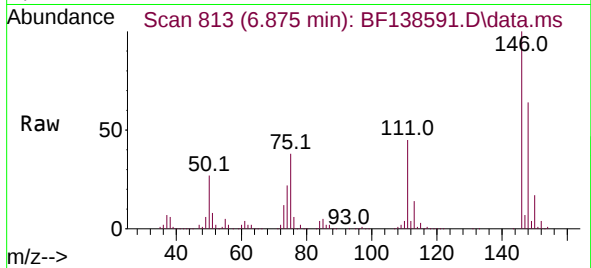
#13
1,4-Dichlorobenzene
Concen: 48.965 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

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

Tgt Ion:146 Resp: 294419
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 45.5 34.9 52.3

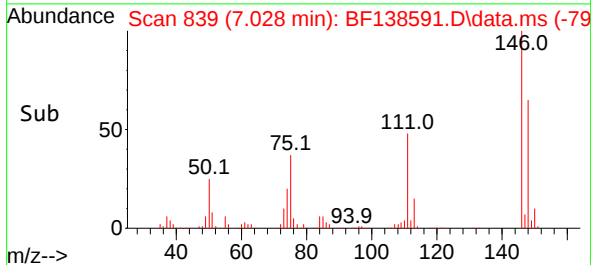
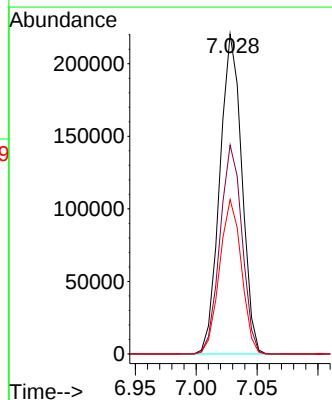
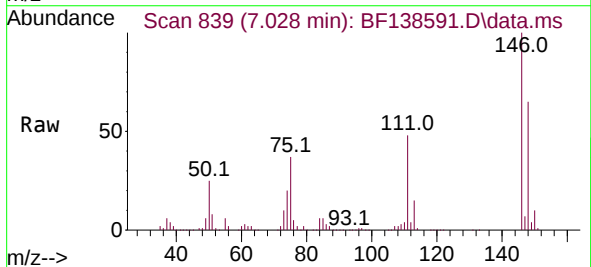
Manual Integrations
APPROVED

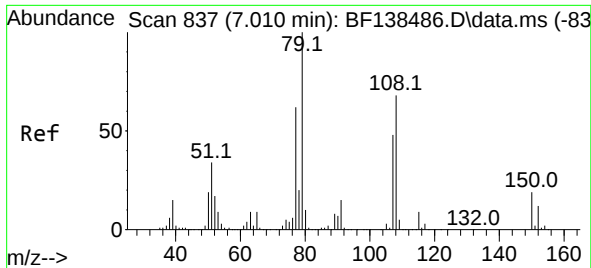
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#14
1,2-Dichlorobenzene
Concen: 49.552 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Tgt Ion:146 Resp: 277502
Ion Ratio Lower Upper
146 100
148 65.3 50.1 75.1
111 48.3 35.5 53.3





#15

Benzyl Alcohol

Concen: 55.613 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion: 79 Resp: 276598

Ion Ratio Lower Upper

79 100

108 70.8 54.3 81.5

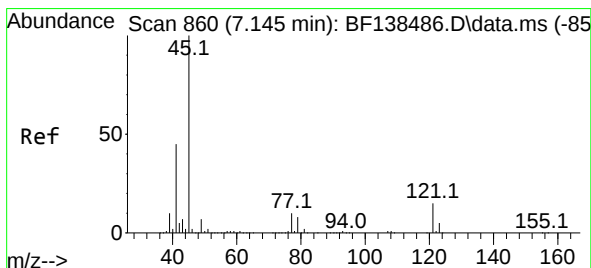
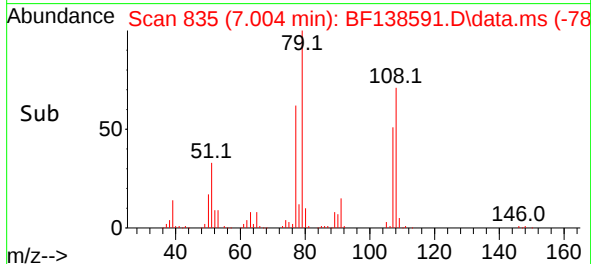
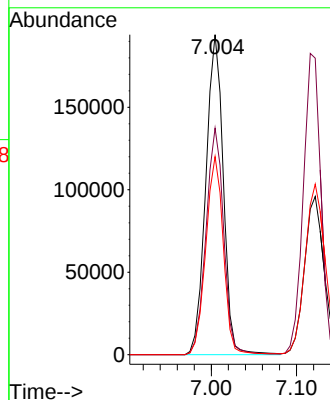
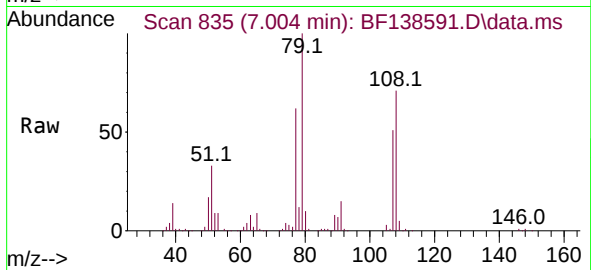
77 61.9 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.175 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.017 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

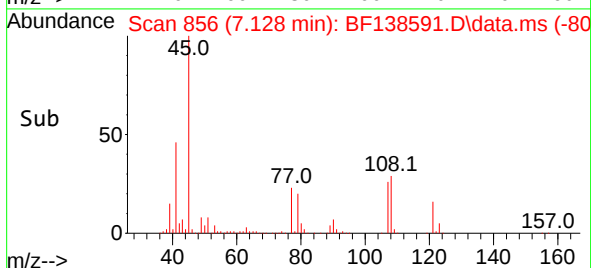
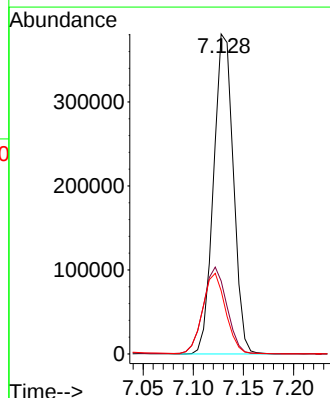
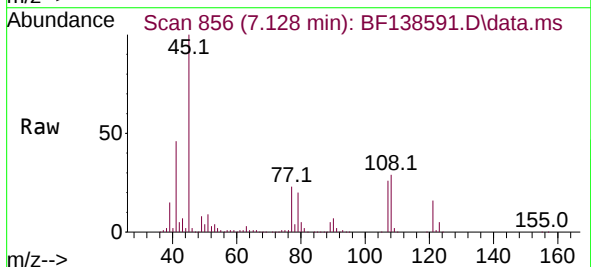
Tgt Ion: 45 Resp: 522589

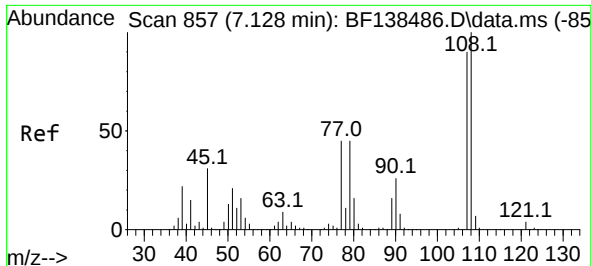
Ion Ratio Lower Upper

45 100

77 22.8 0.0 30.4

79 19.7 0.0 28.1





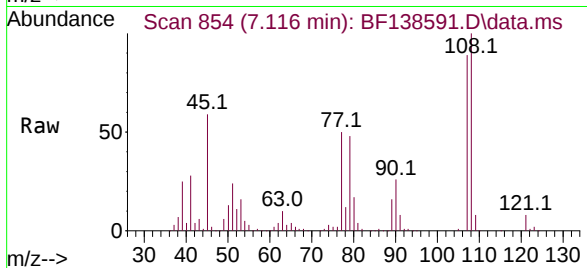
#17
2-Methylphenol
Concen: 53.590 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD



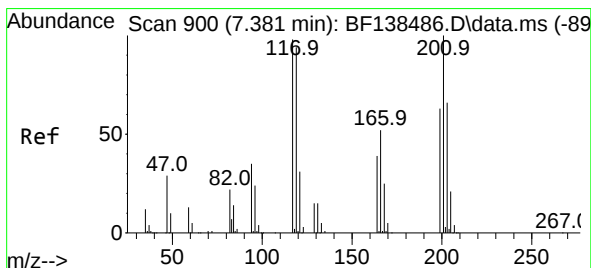
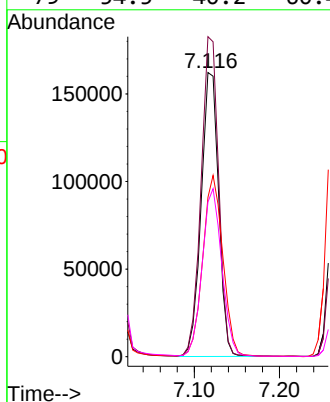
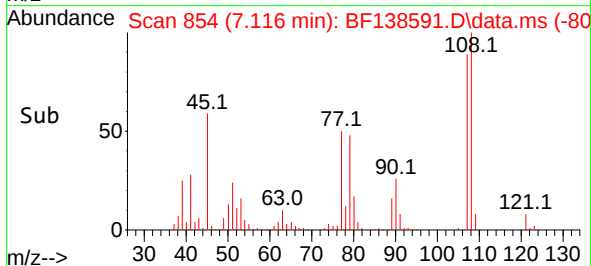
Tgt Ion:107 Resp: 231359
Ion Ratio Lower Upper
107 100
108 112.6 89.0 133.4
77 56.1 40.3 60.5
79 54.5 40.2 60.4

Manual Integrations

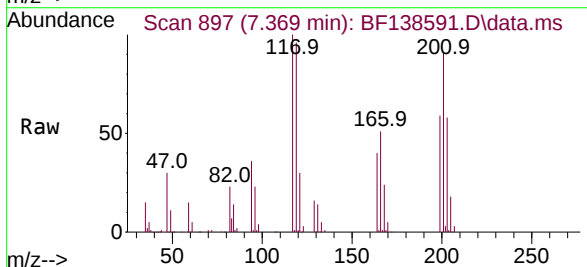
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

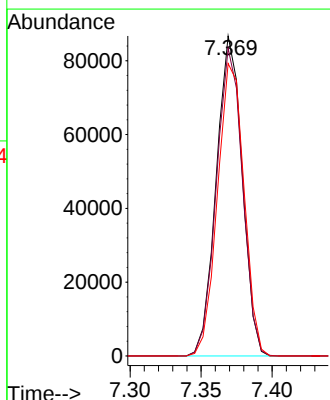
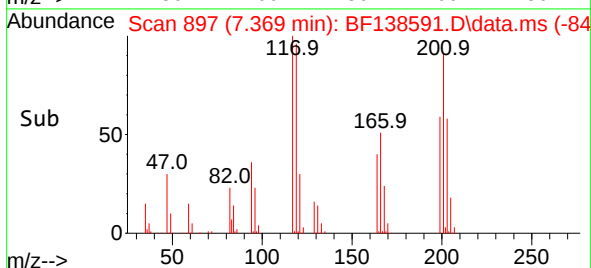
Supervised By :mohammad ahmed 07/22/2024

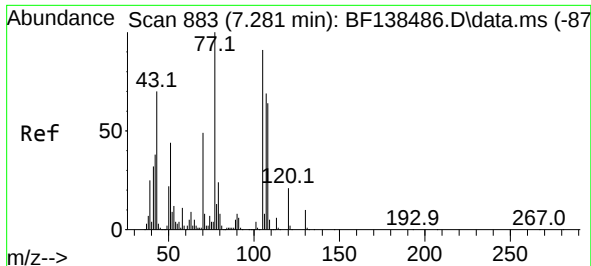


#18
Hexachloroethane
Concen: 49.735 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



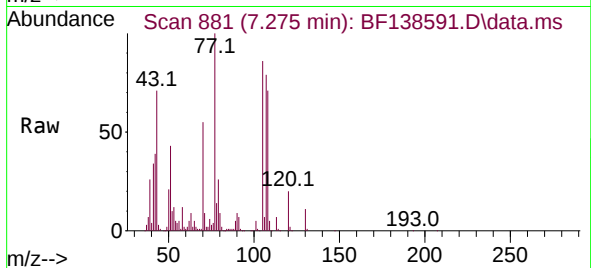
Tgt Ion:117 Resp: 109938
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 91.4 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 53.348 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

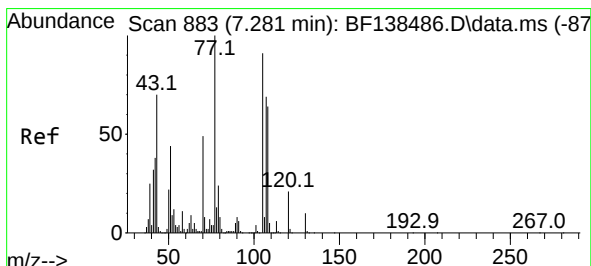
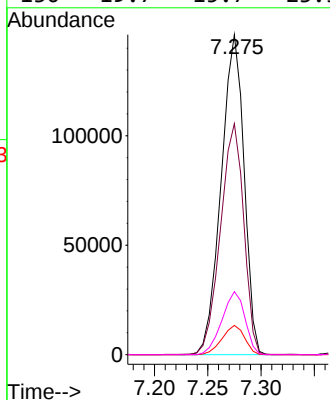
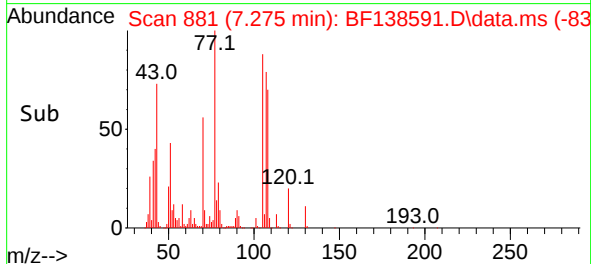
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion: 70 Resp: 21846
Ion Ratio Lower Upper
70 100
42 72.2 62.4 93.6
101 9.1 7.2 10.8
130 19.7 15.7 23.5

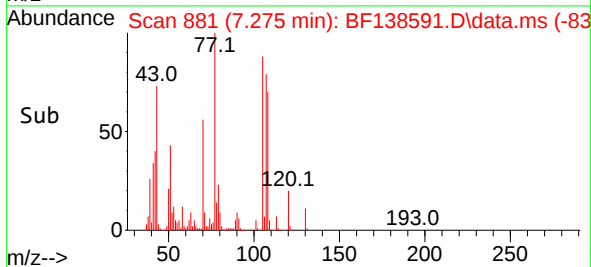
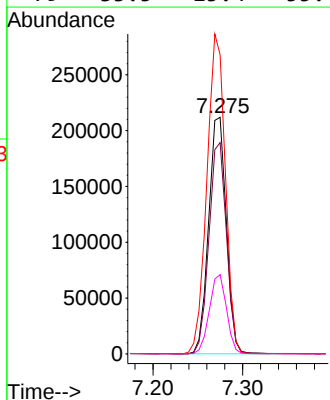
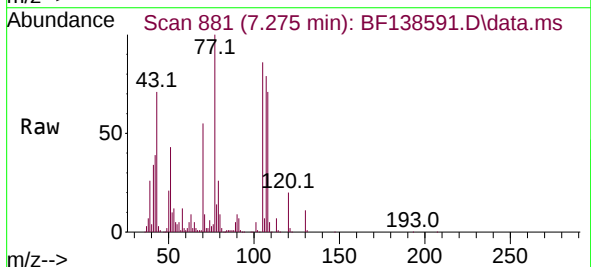
Manual Integrations
APPROVED

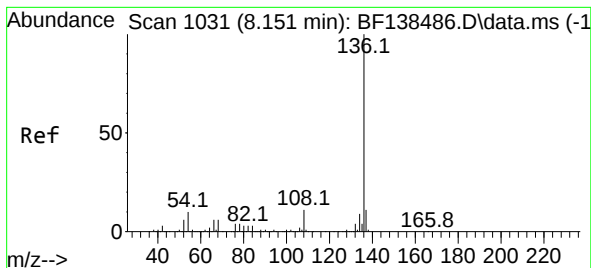
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
3+4-Methylphenols
Concen: 53.377 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Tgt Ion:107 Resp: 290188
Ion Ratio Lower Upper
107 100
108 89.3 73.7 113.7
77 126.5 126.0 166.0
79 33.5 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: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion:136 Resp: 331750

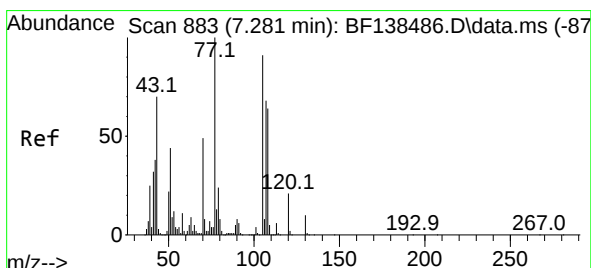
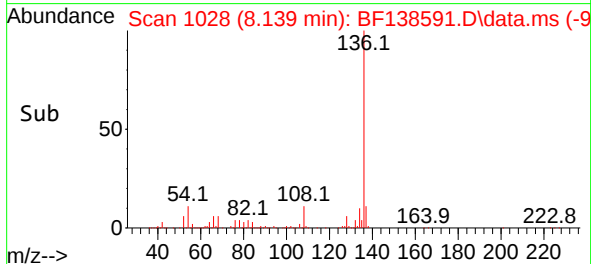
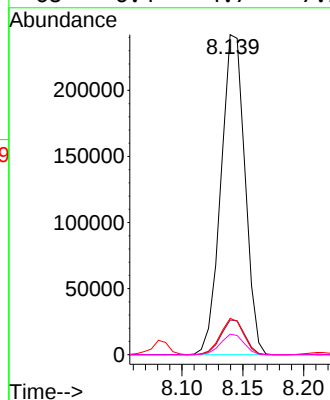
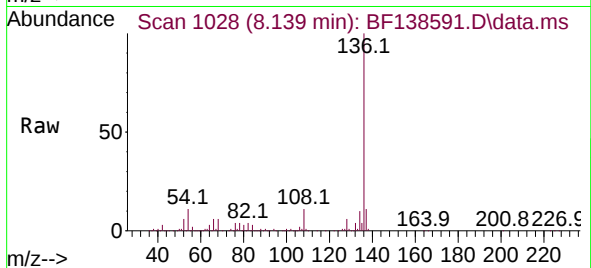
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.3	8.1	12.1
68	6.4	4.7	7.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#22

Acetophenone

Concen: 45.139 ng

RT: 7.269 min Scan# 880

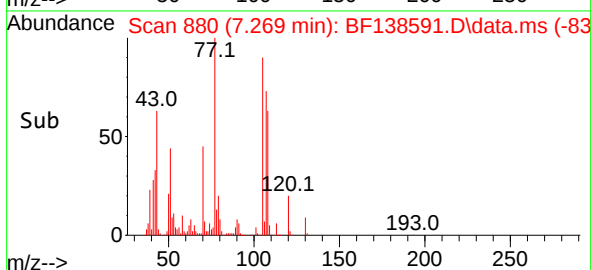
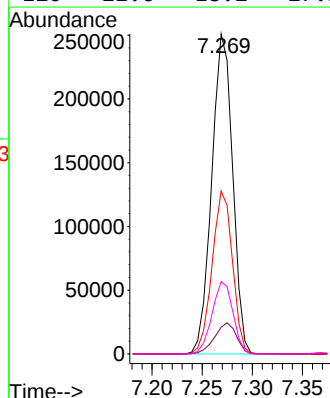
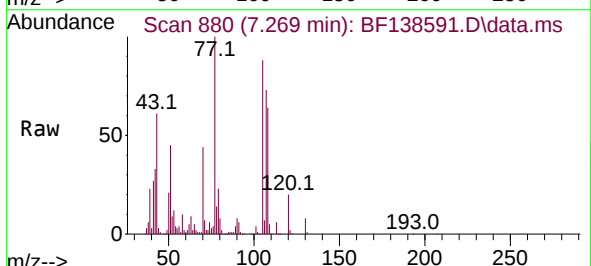
Delta R.T. -0.012 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Tgt Ion:105 Resp: 363696

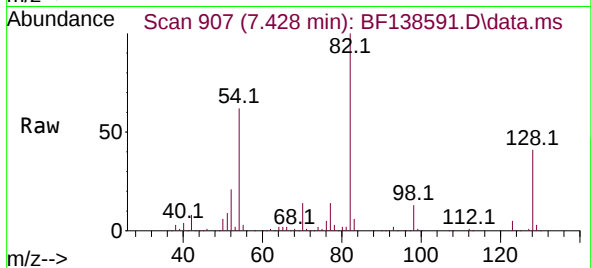
Ion	Ratio	Lower	Upper
105	100		
71	8.3	7.4	11.2
51	50.9	38.7	58.1
120	22.6	18.2	27.2





#23
Nitrobenzene-d5
Concen: 72.443 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

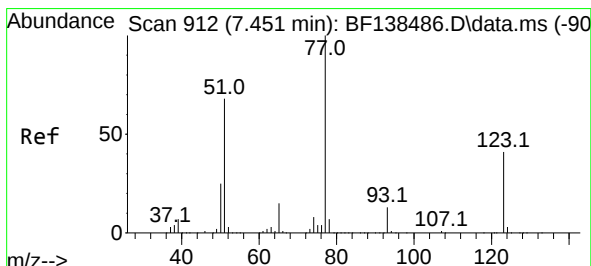
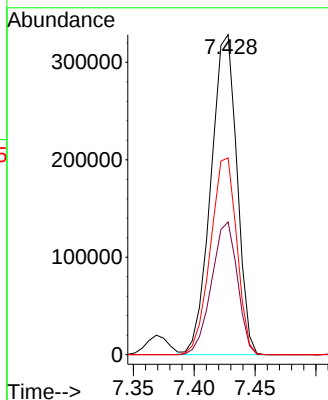
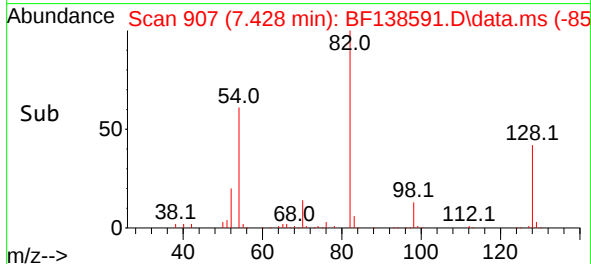
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion: 82 Resp: 489494
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 61.5 51.4 77.0

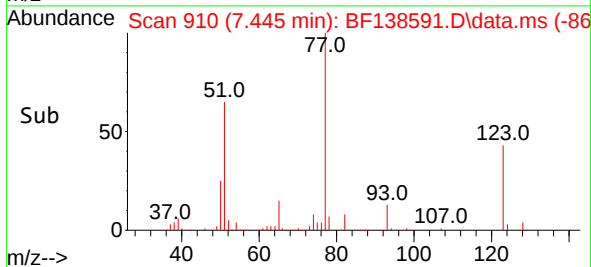
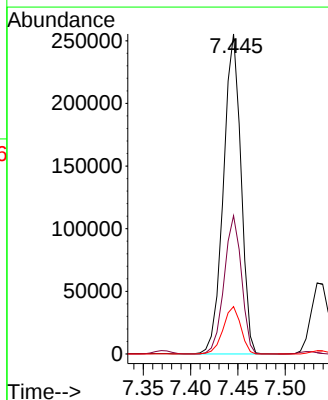
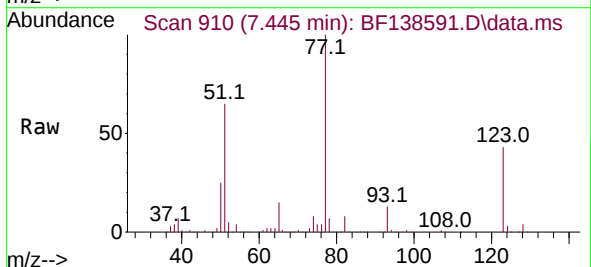
Manual Integrations
APPROVED

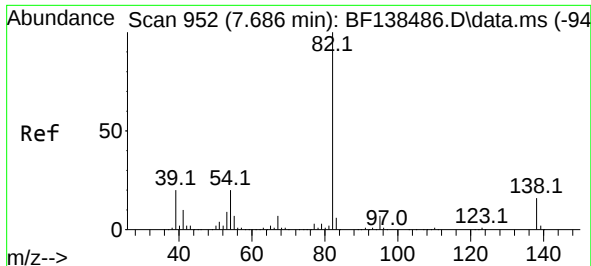
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#24
Nitrobenzene
Concen: 47.972 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

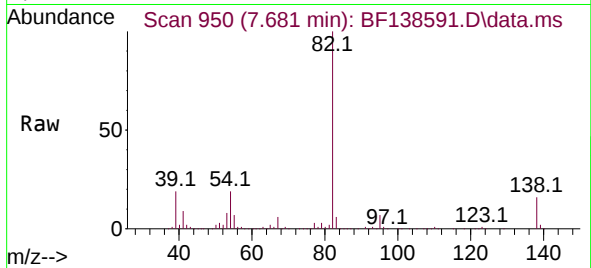
Tgt Ion: 77 Resp: 329402
Ion Ratio Lower Upper
77 100
123 43.2 32.4 48.6
65 14.8 11.8 17.8





#25
Isophorone
Concen: 50.997 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

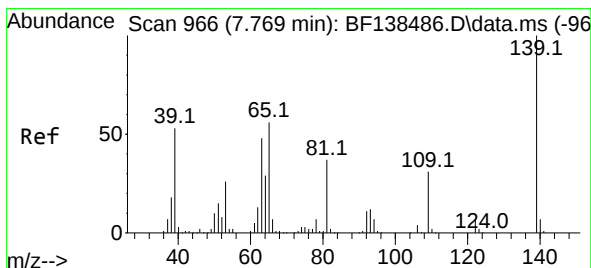
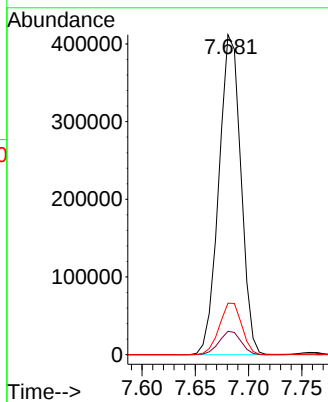
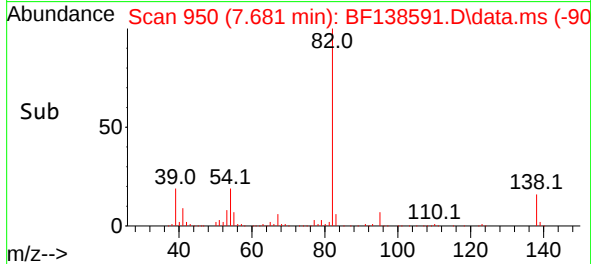
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



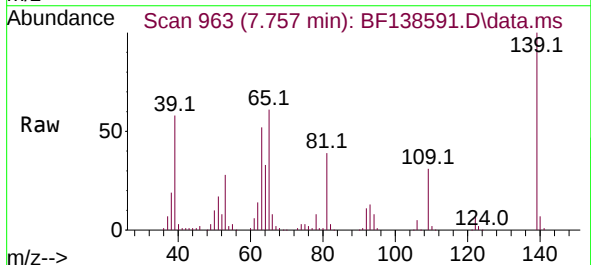
Tgt Ion: 82 Resp: 59175
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.1 12.8 19.2

Manual Integrations
APPROVED

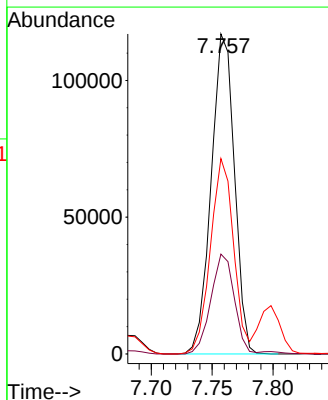
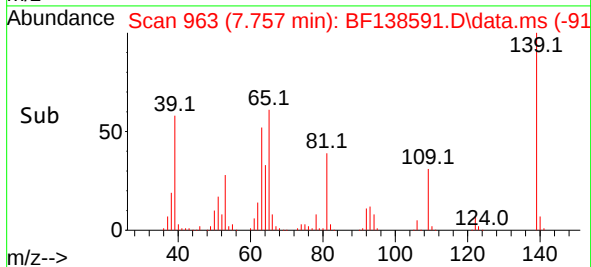
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

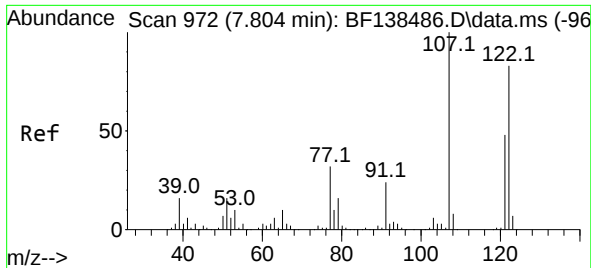


#26
2-Nitrophenol
Concen: 52.941 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



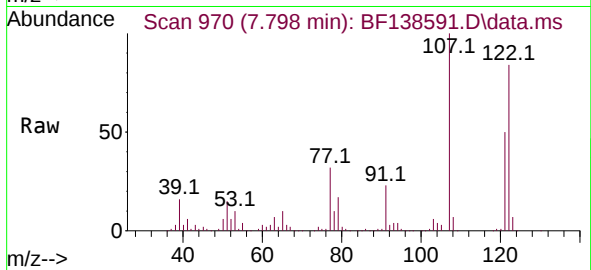
Tgt Ion:139 Resp: 155806
Ion Ratio Lower Upper
139 100
109 31.2 24.8 37.2
65 61.1 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 54.719 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

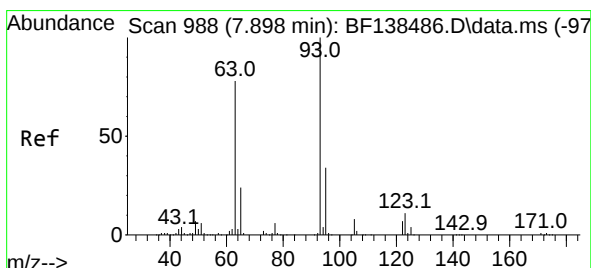
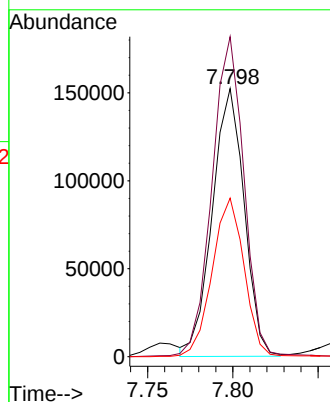
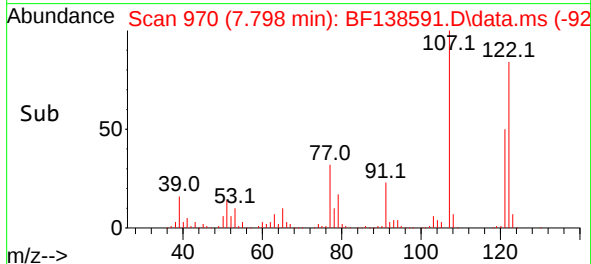
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion:122 Resp: 197924
Ion Ratio Lower Upper
122 100
107 119.4 96.3 144.5
121 59.1 46.7 70.1

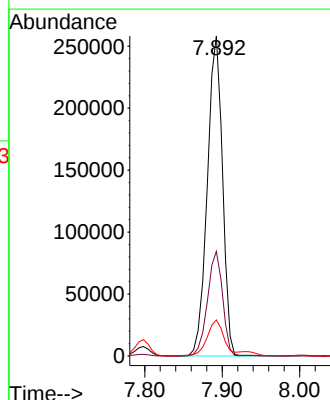
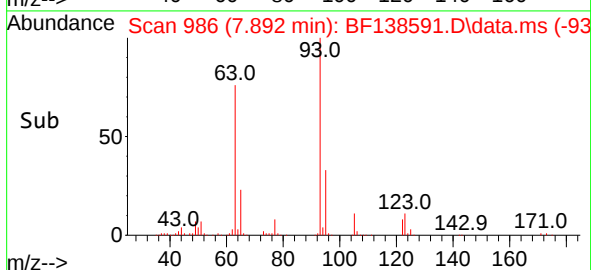
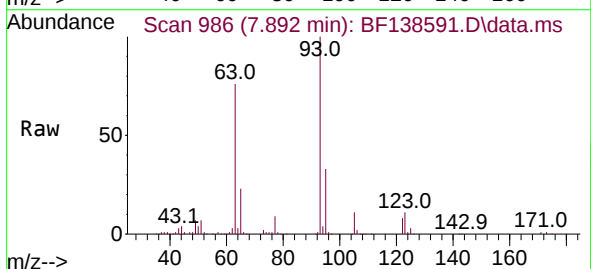
Manual Integrations
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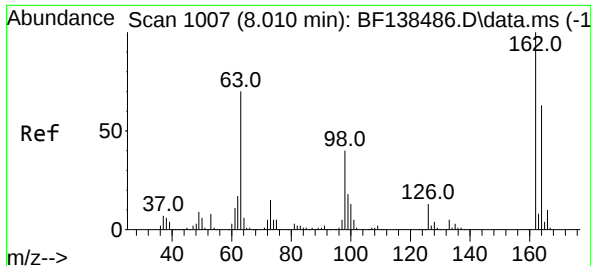
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.595 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Tgt Ion: 93 Resp: 350866
Ion Ratio Lower Upper
93 100
95 32.7 27.0 40.6
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.446 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

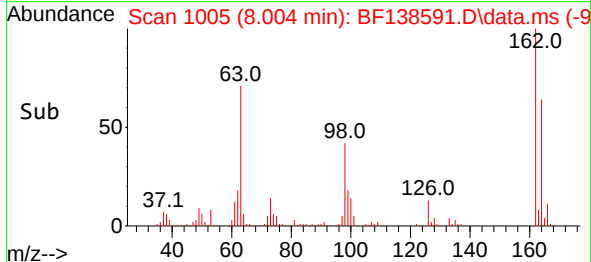
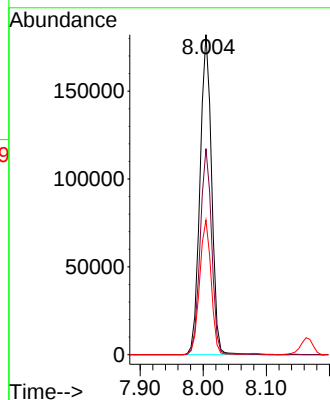
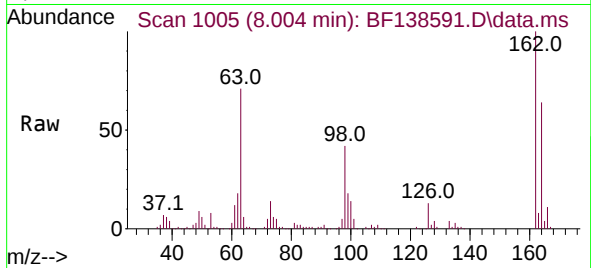
Tgt Ion:162 Resp: 232250
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.6 82.6
 98 42.0 20.1 60.1

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: 44.969 ng

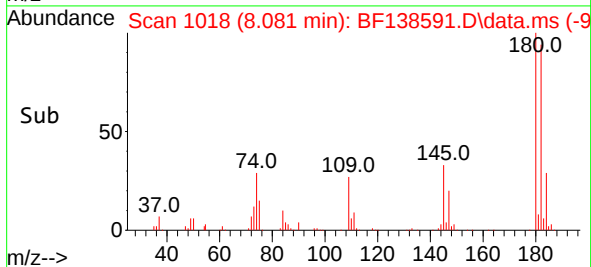
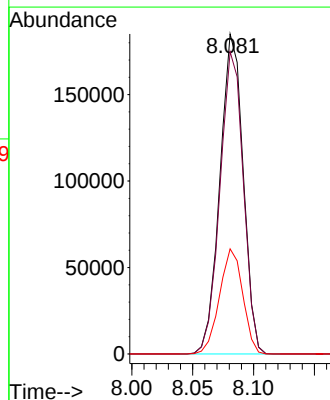
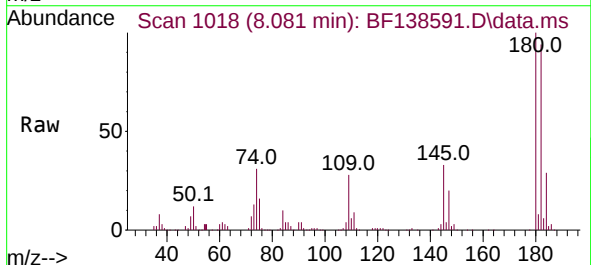
RT: 8.081 min Scan# 1018

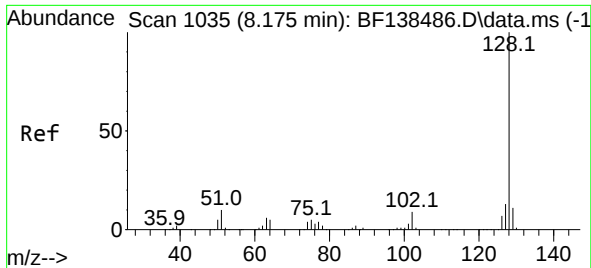
Delta R.T. -0.012 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Tgt Ion:180 Resp: 246067
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.9 115.3
 145 32.9 23.9 35.9





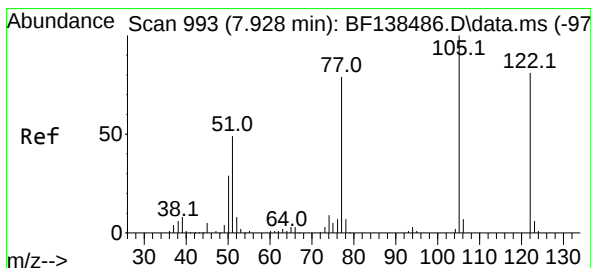
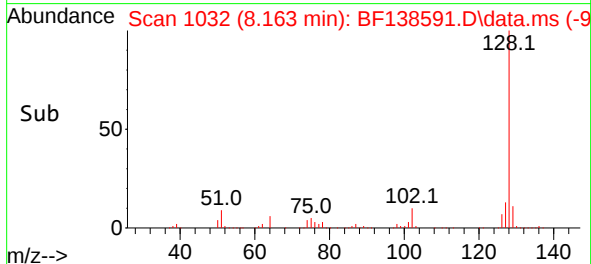
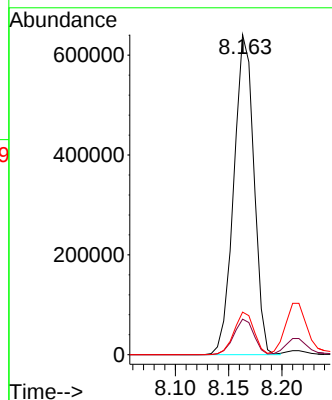
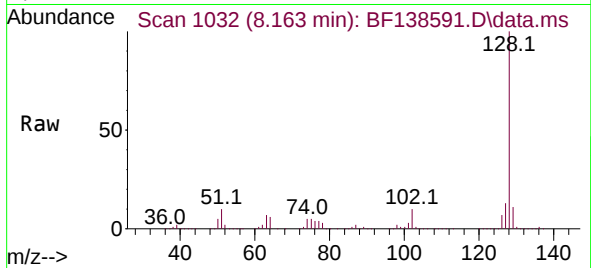
#31
Naphthalene
Concen: 48.979 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

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

Tgt Ion:128 Resp: 845060
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.7 16.1

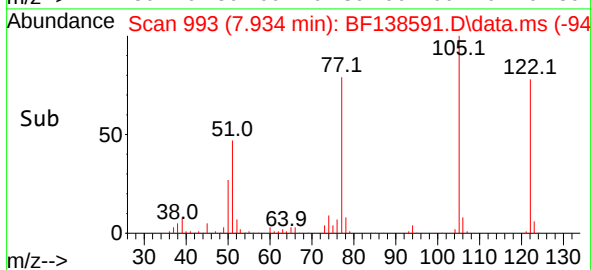
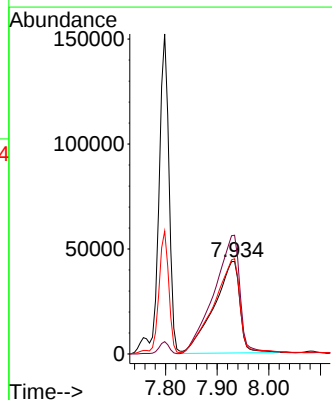
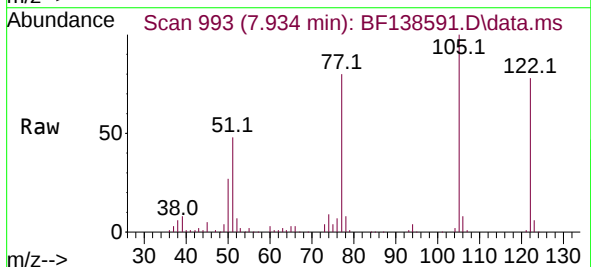
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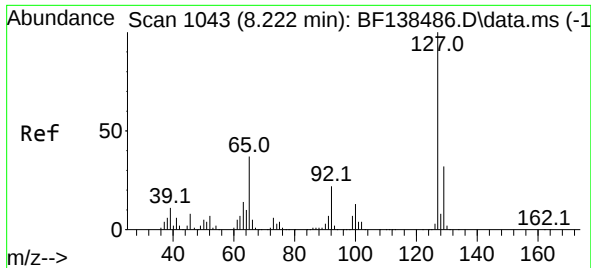
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#32
Benzoic acid
Concen: 44.036 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Tgt Ion:122 Resp: 151921
Ion Ratio Lower Upper
122 100
105 128.3 101.5 141.5
77 102.8 77.3 117.3





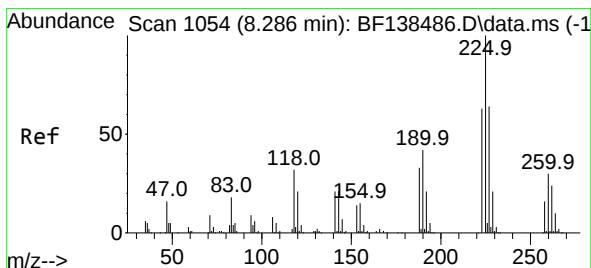
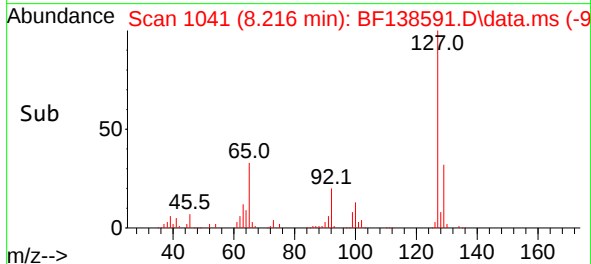
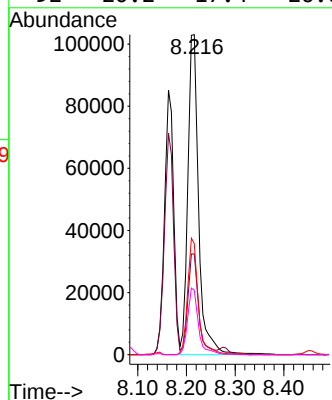
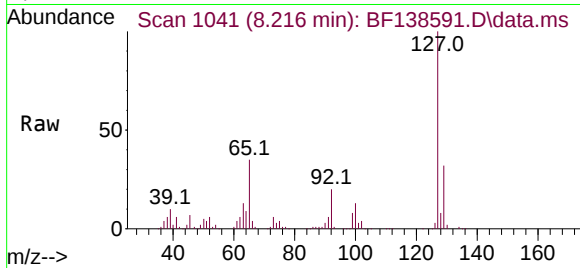
#33
4-Chloroaniline
Concen: 26.249 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

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

Tgt Ion:127 Resp: 15890
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4
65 34.7 29.6 44.4
92 20.2 17.4 26.0

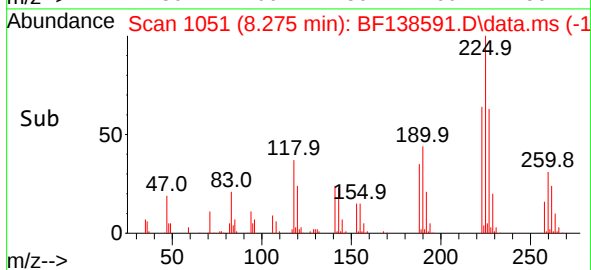
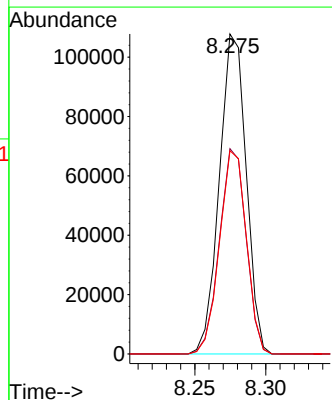
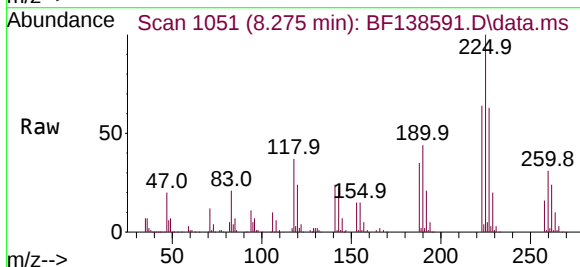
Manual Integrations
APPROVED

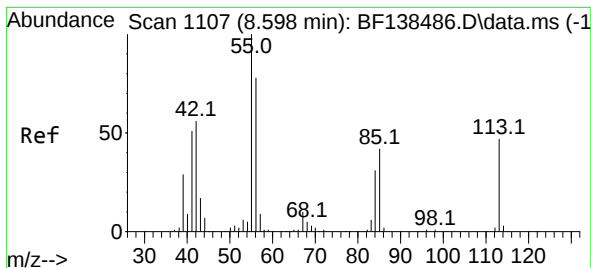
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#34
Hexachlorobutadiene
Concen: 42.018 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Tgt Ion:225 Resp: 141581
Ion Ratio Lower Upper
225 100
223 64.2 50.0 75.0
227 63.5 51.0 76.6





#35

Caprolactam

Concen: 51.414 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion:113 Resp: 77928

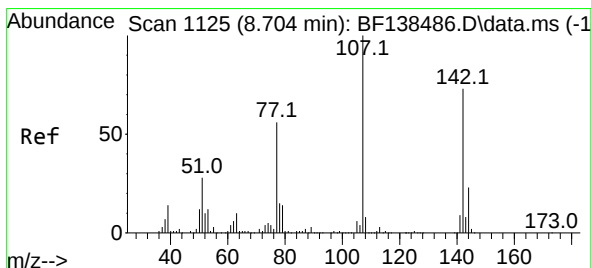
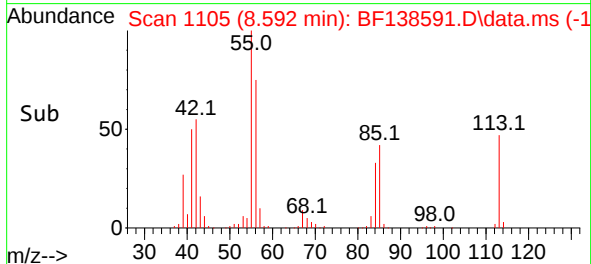
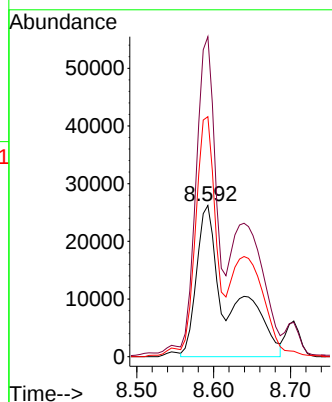
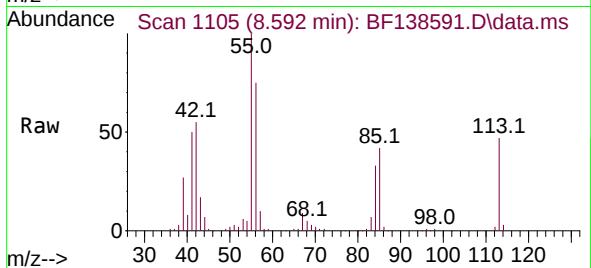
Ion	Ratio	Lower	Upper
113	100		
55	211.7	192.5	232.5
56	158.8	145.3	185.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#36

4-Chloro-3-methylphenol

Concen: 51.599 ng

RT: 8.704 min Scan# 1124

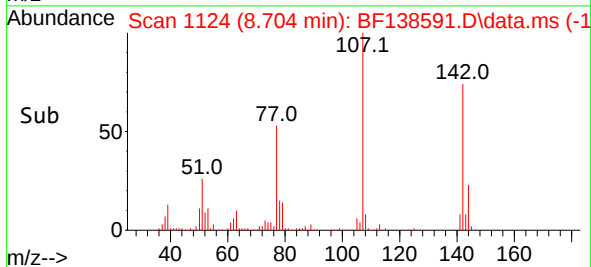
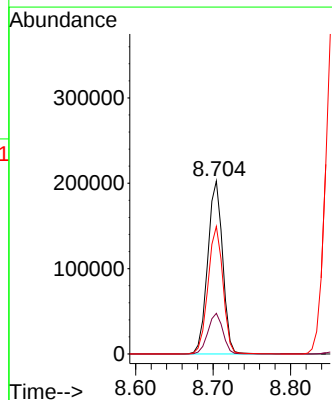
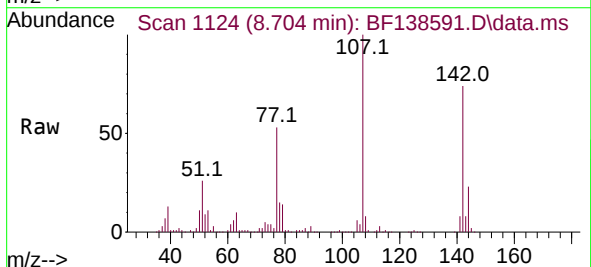
Delta R.T. 0.000 min

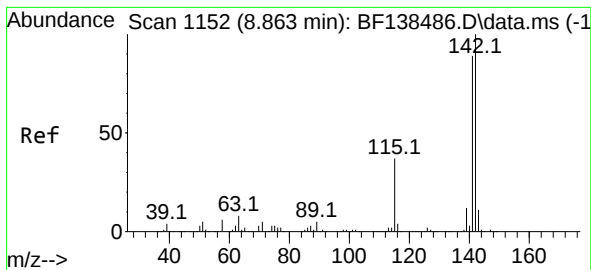
Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Tgt Ion:107 Resp: 271337

Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.6	27.8
142	73.8	58.6	88.0





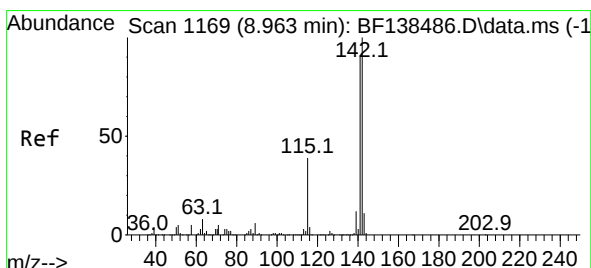
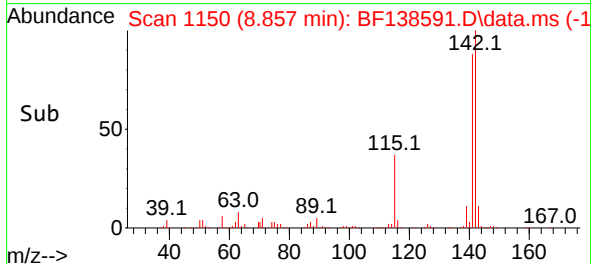
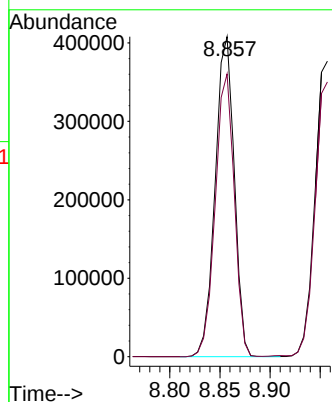
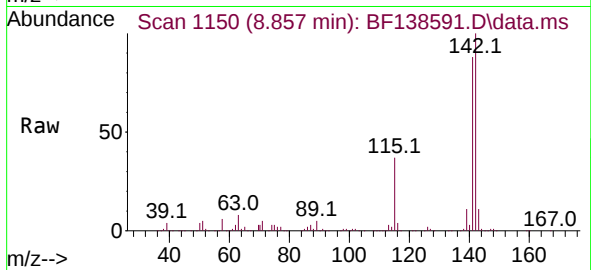
#37
2-Methylnaphthalene
Concen: 48.519 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

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

Tgt Ion:142 Resp: 538712
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0

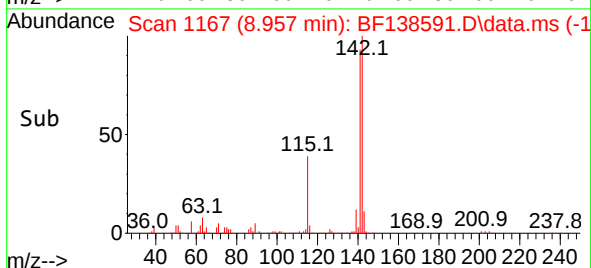
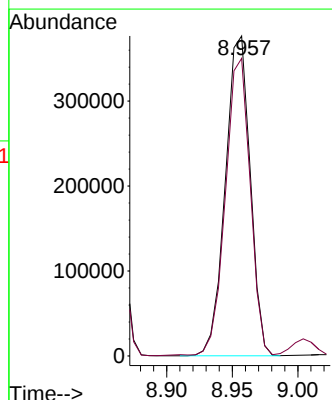
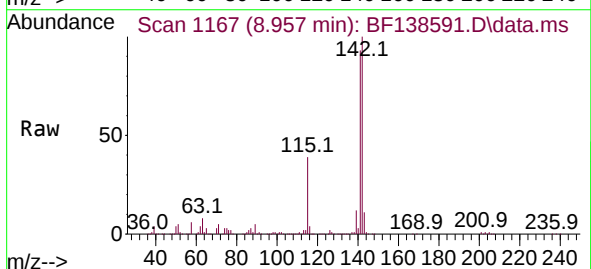
Manual Integrations
APPROVED

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



#38
1-Methylnaphthalene
Concen: 45.823 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

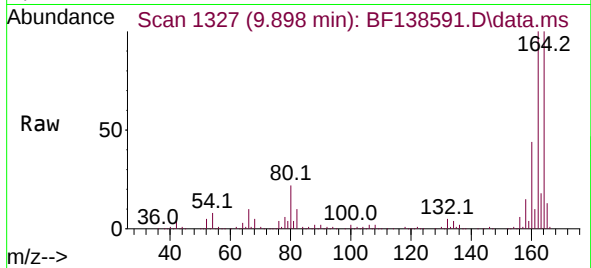
Tgt Ion:142 Resp: 496549
Ion Ratio Lower Upper
142 100
141 93.0 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

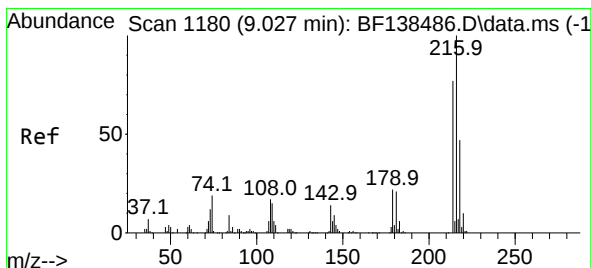
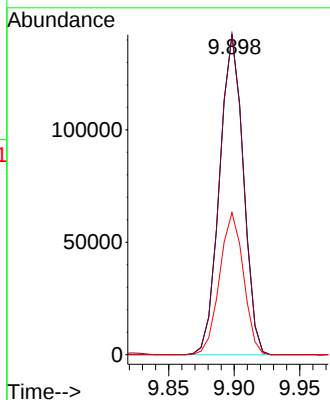
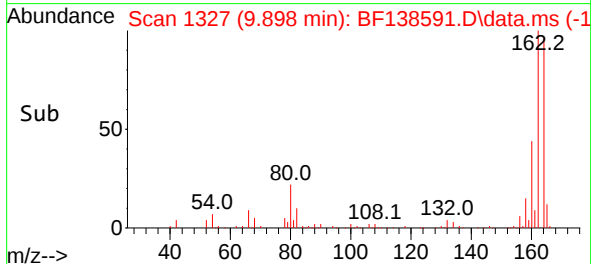
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



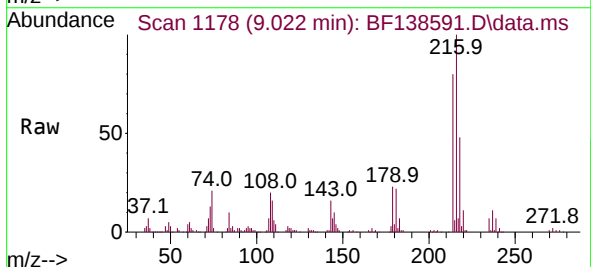
Tgt Ion:164 Resp: 179702
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 44.4 34.4 51.6

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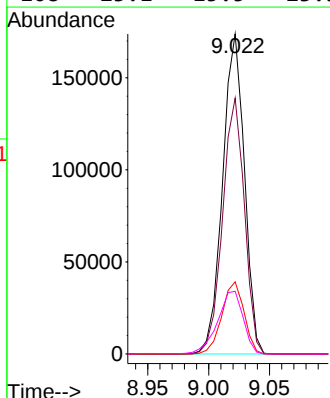
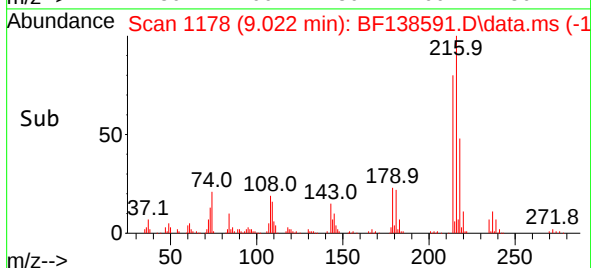
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.338 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



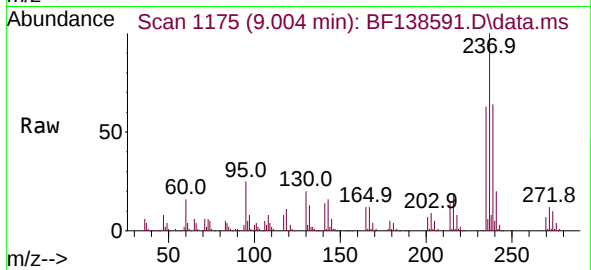
Tgt Ion:216 Resp: 217054
Ion Ratio Lower Upper
216 100
214 79.7 62.8 94.2
179 22.9 17.7 26.5
108 23.1 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 116.186 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

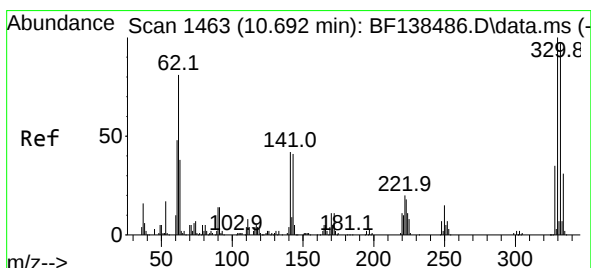
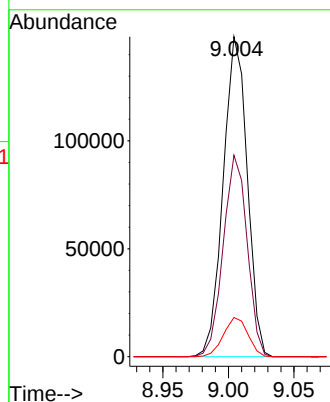
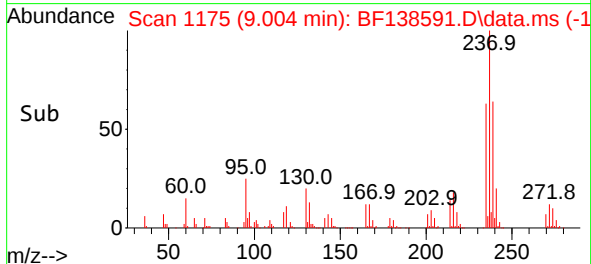
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



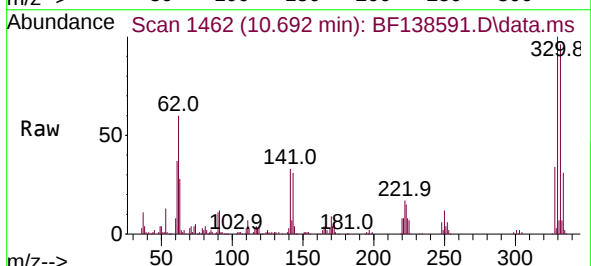
Tgt Ion: 237 Resp: 18887
Ion Ratio Lower Upper
237 100
235 62.9 43.3 83.3
272 12.2 0.0 32.3

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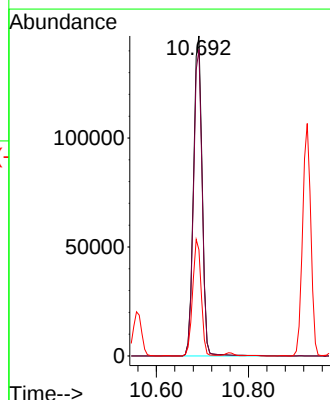
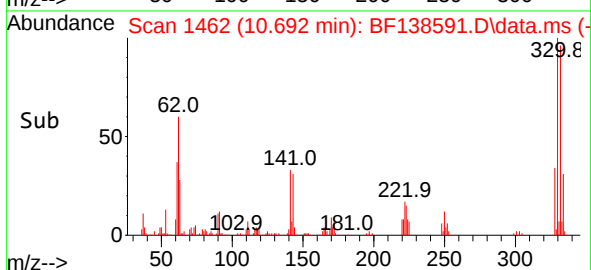
Reviewed By : Yogesh Patel 07/20/2024
Supervised By : mohammad ahmed 07/22/2024



#42
2,4,6-Tribromophenol
Concen: 113.802 ng
RT: 10.692 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



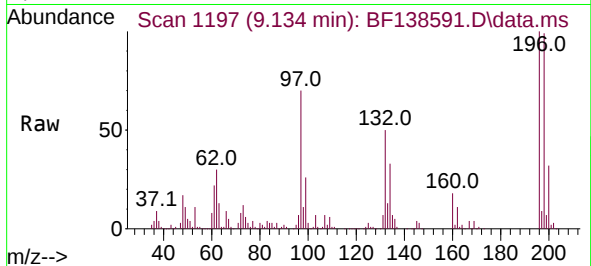
Tgt Ion: 330 Resp: 191130
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 35.9 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 49.768 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

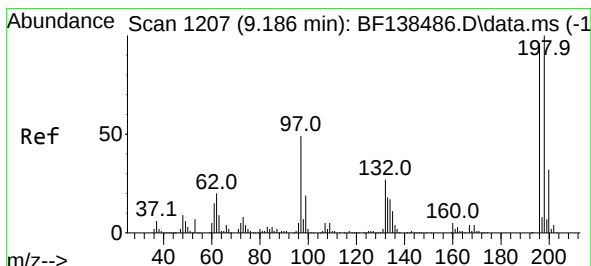
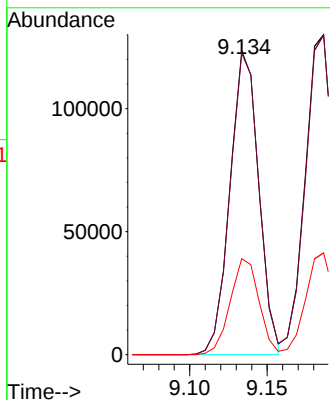
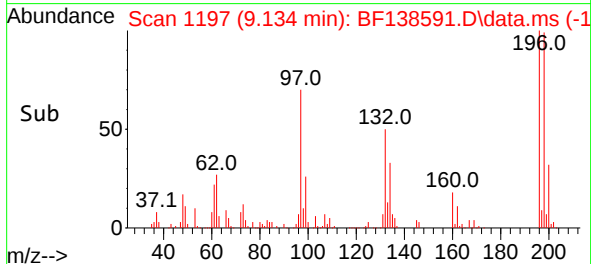
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



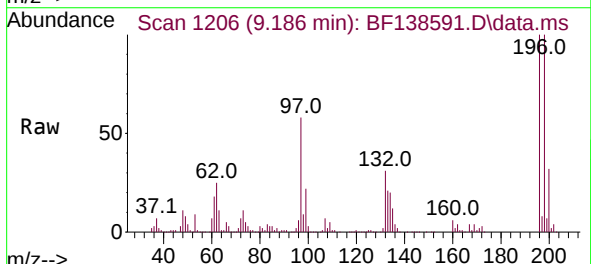
Tgt Ion:196 Resp: 158990
Ion Ratio Lower Upper
196 100
198 99.1 82.3 123.5
200 31.6 25.8 38.6

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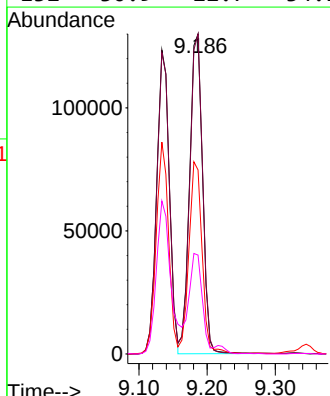
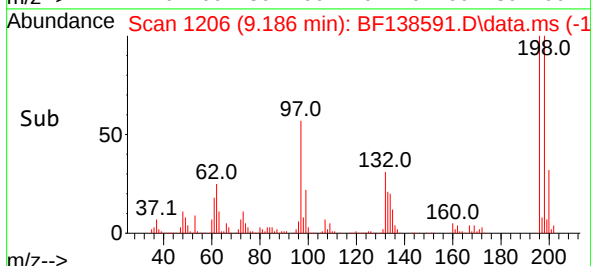
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

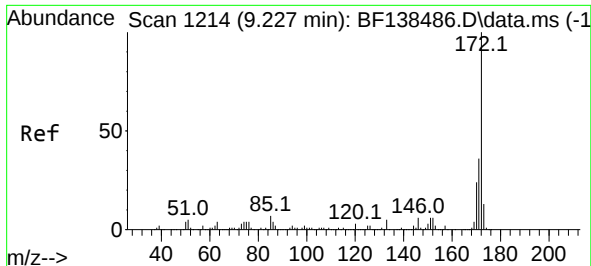


#44
2,4,5-Trichlorophenol
Concen: 48.386 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



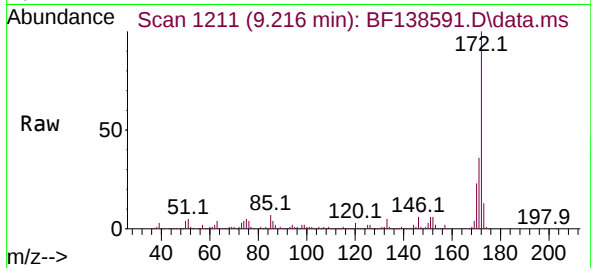
Tgt Ion:196 Resp: 170022
Ion Ratio Lower Upper
196 100
198 99.9 82.8 124.2
97 57.5 41.0 61.4
132 30.9 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 71.211 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

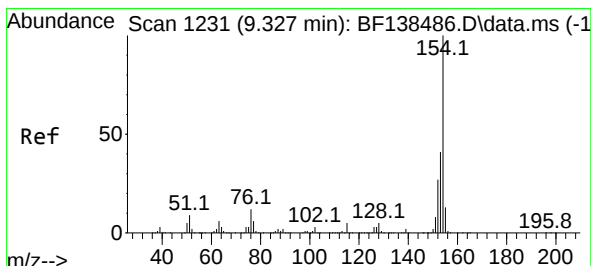
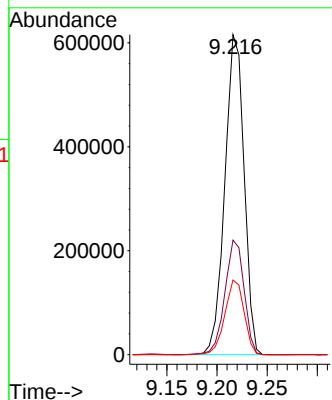
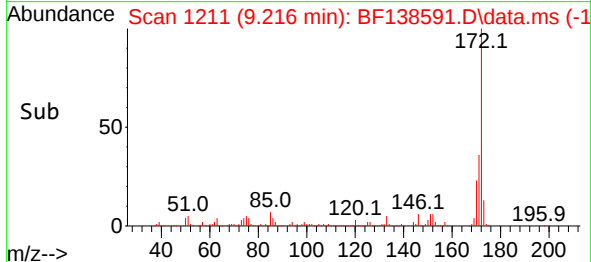
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



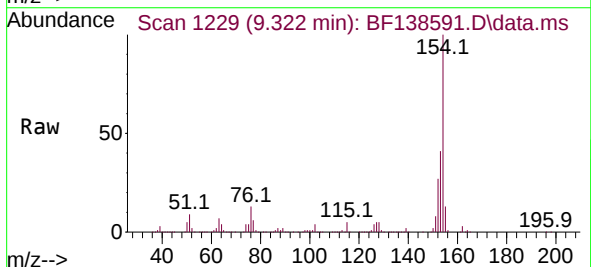
Tgt Ion:172 Resp: 818779
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.3 18.9 28.3

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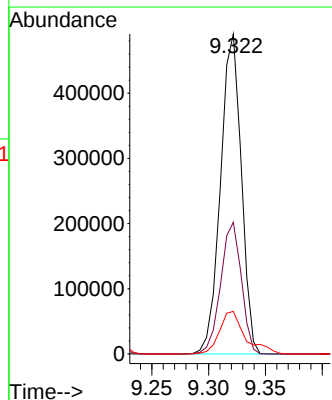
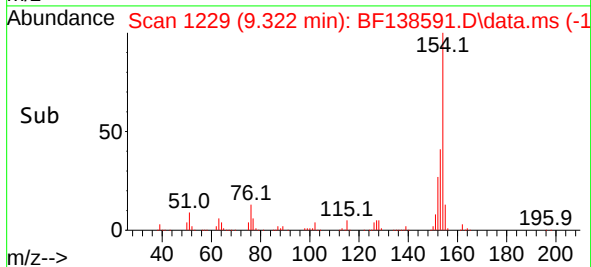
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

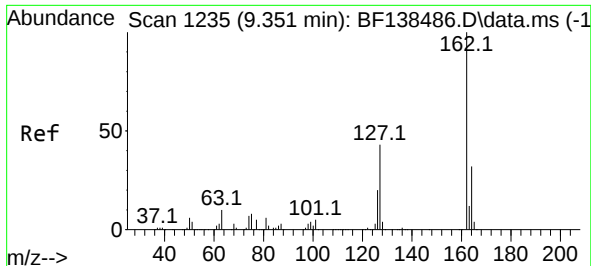


#46
1,1'-Biphenyl
Concen: 45.904 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



Tgt Ion:154 Resp: 625155
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 13.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 48.108 ng

RT: 9.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

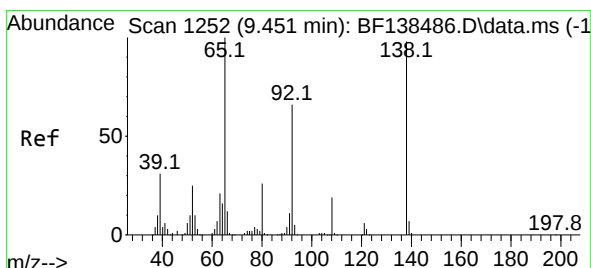
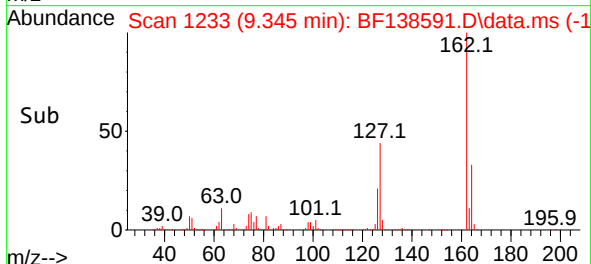
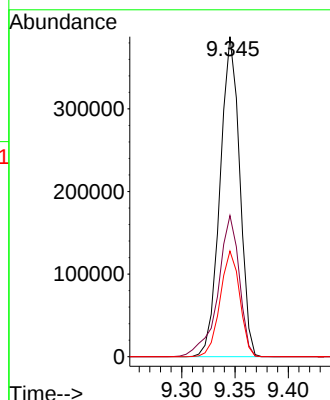
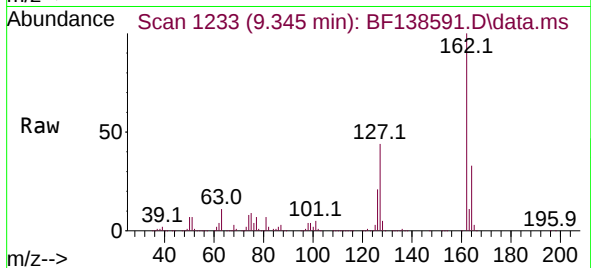
ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion:162 Resp: 494952
 Ion Ratio Lower Upper
 162 100
 127 44.1 34.8 52.2
 164 33.0 25.6 38.4

Manual Integrations
 APPROVED

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



#48

2-Nitroaniline

Concen: 54.507 ng

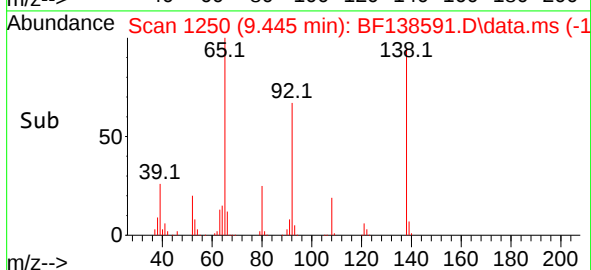
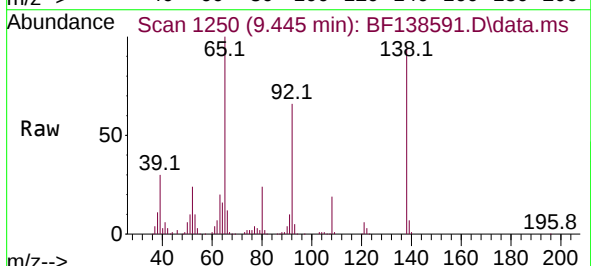
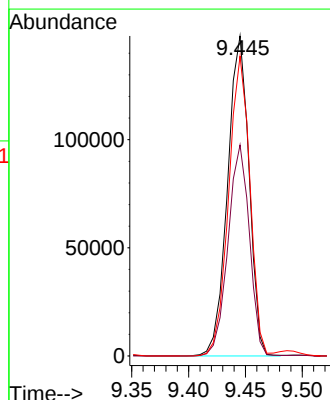
RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Tgt Ion: 65 Resp: 194328
 Ion Ratio Lower Upper
 65 100
 92 65.9 52.6 78.8
 138 93.7 78.6 118.0





#49

Acenaphthylene

Concen: 54.432 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion:152 Resp: 795078

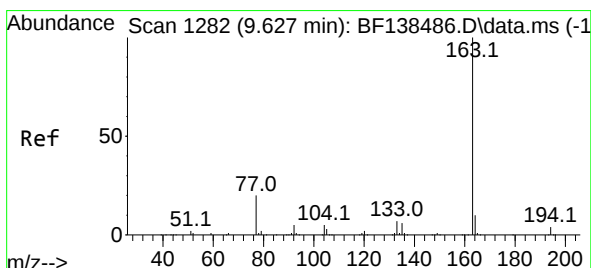
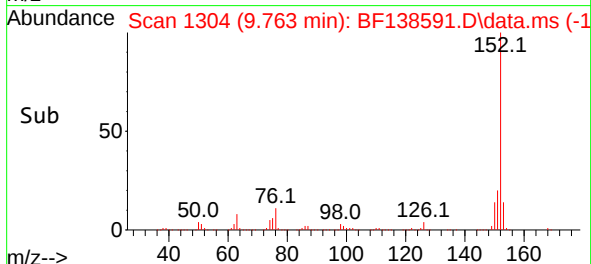
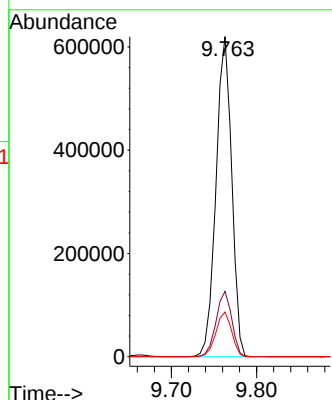
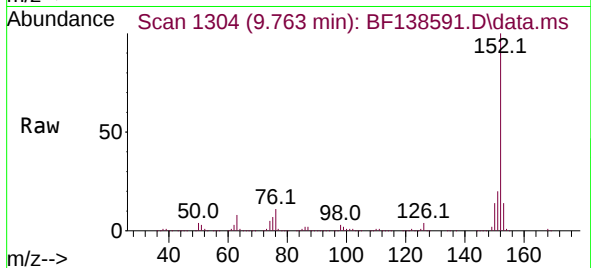
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.9	11.3	16.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#50

Dimethylphthalate

Concen: 51.463 ng

RT: 9.622 min Scan# 1280

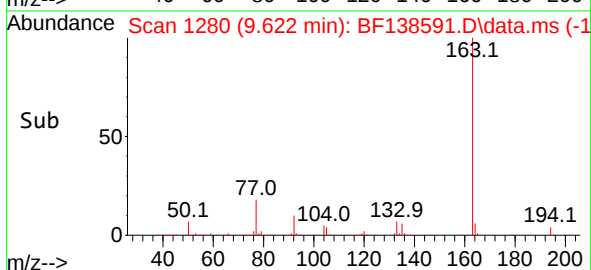
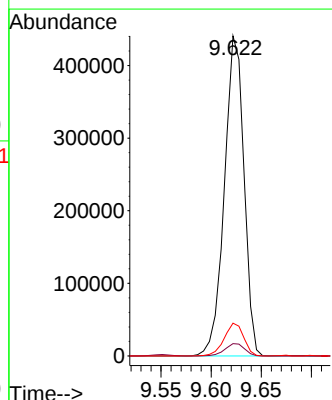
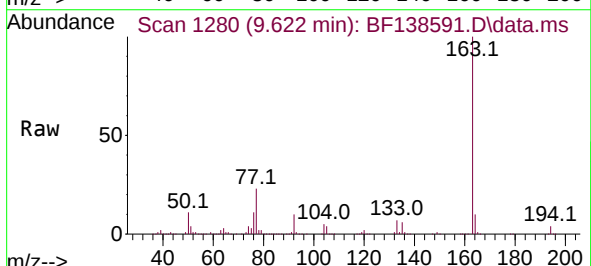
Delta R.T. -0.006 min

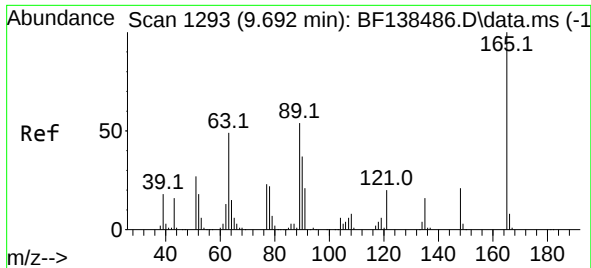
Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Tgt Ion:163 Resp: 597993

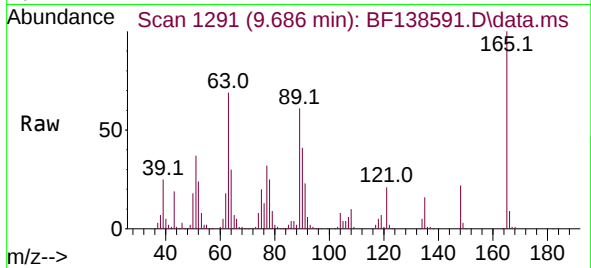
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.3	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 49.693 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

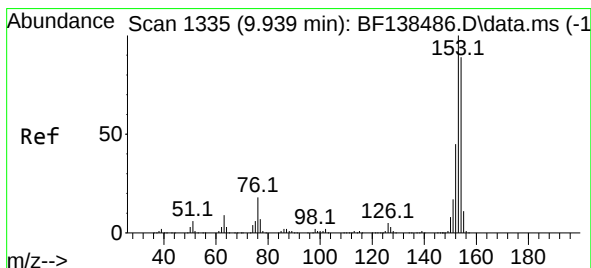
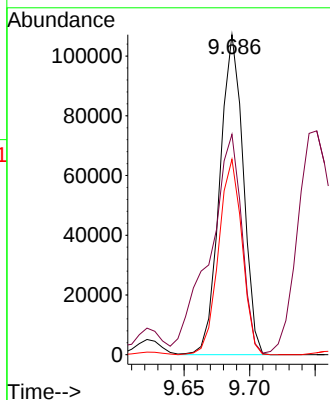
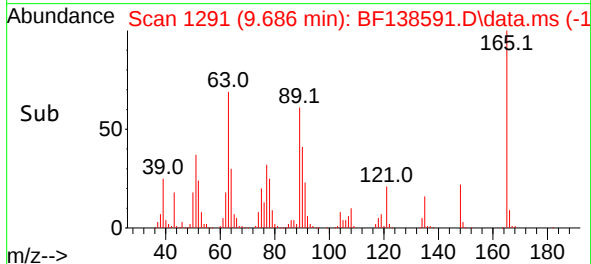
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion:165 Resp: 132952
Ion Ratio Lower Upper
165 100
63 68.8 48.1 72.1
89 61.0 43.0 64.6

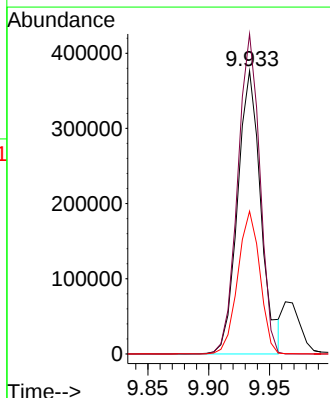
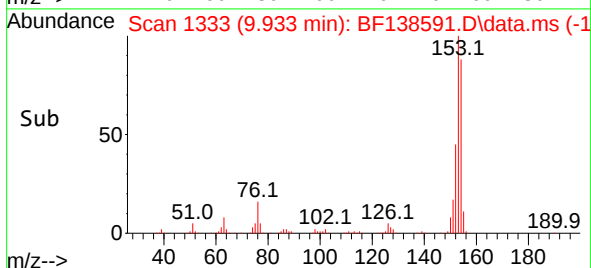
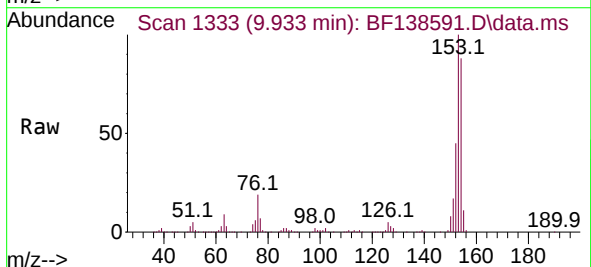
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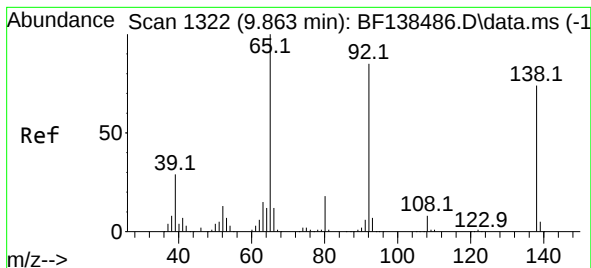
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#52
Acenaphthene
Concen: 51.580 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Tgt Ion:154 Resp: 500818
Ion Ratio Lower Upper
154 100
153 113.0 90.4 135.6
152 50.4 41.1 61.7





#53

3-Nitroaniline

Concen: 38.829 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion:138 Resp: 106470

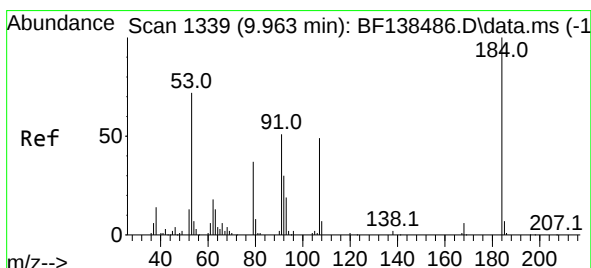
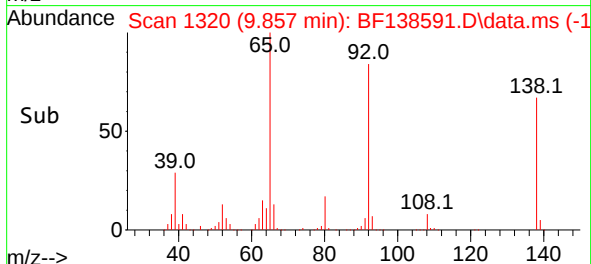
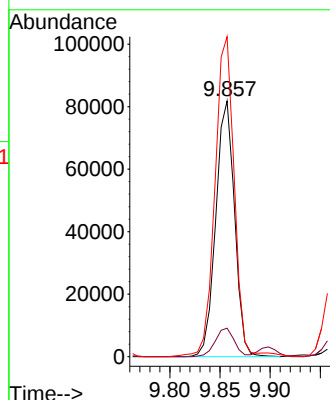
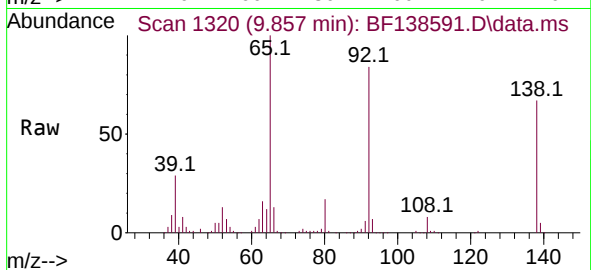
Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.3	12.5
92	125.1	92.6	138.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#54

2,4-Dinitrophenol

Concen: 98.223 ng

RT: 9.963 min Scan# 1338

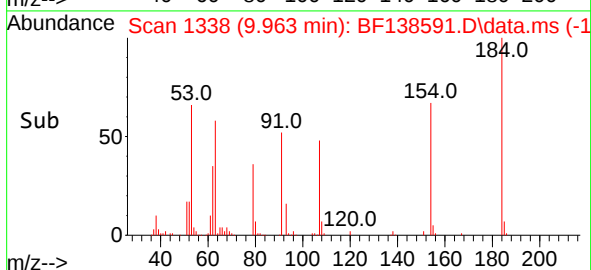
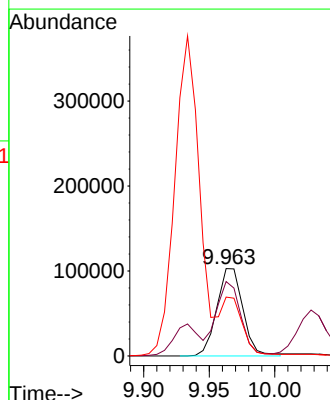
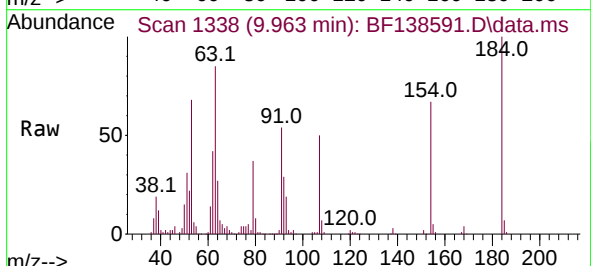
Delta R.T. -0.000 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Tgt Ion:184 Resp: 142658

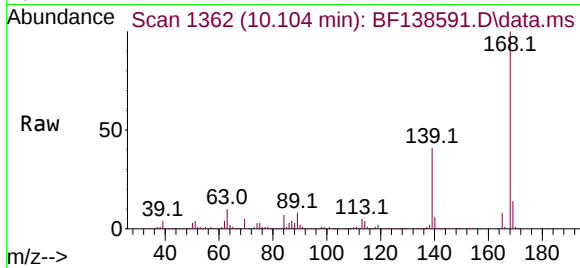
Ion	Ratio	Lower	Upper
184	100		
63	85.2	70.6	106.0
154	67.5	53.8	80.6





#55
Dibenzenofuran
Concen: 50.312 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

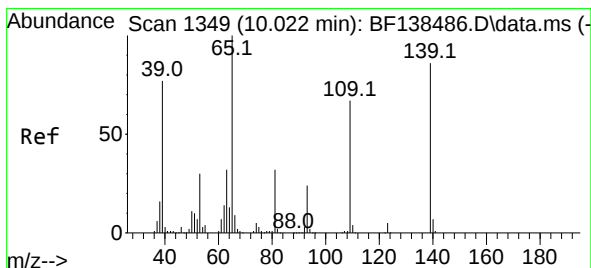
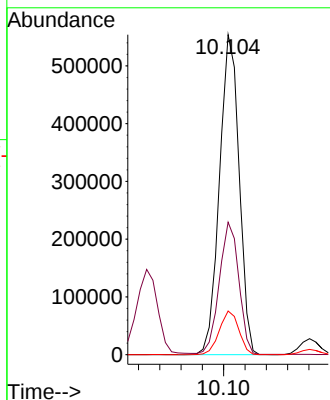
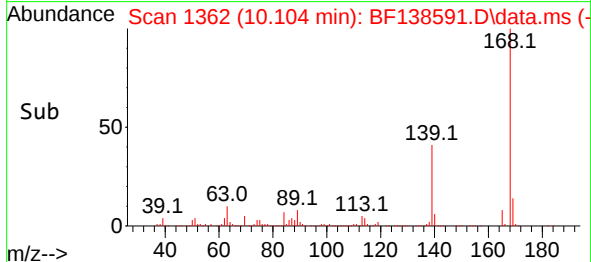
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion:168 Resp: 70856
Ion Ratio Lower Upper
168 100
139 41.4 32.4 48.6
169 13.6 10.9 16.3

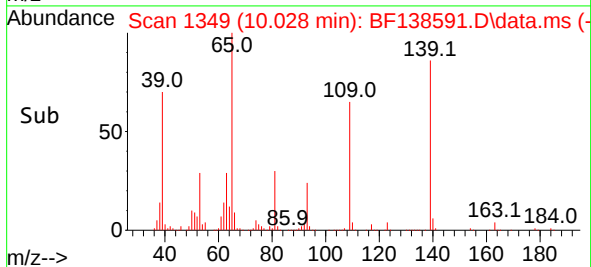
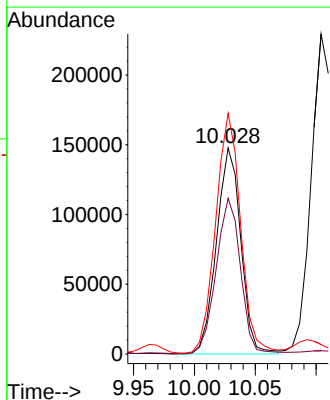
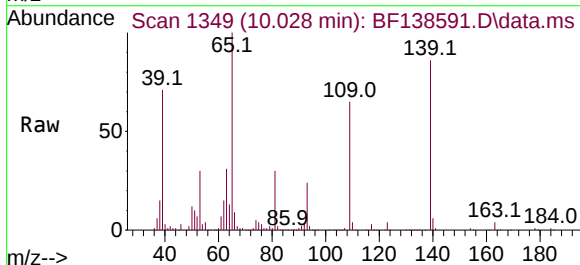
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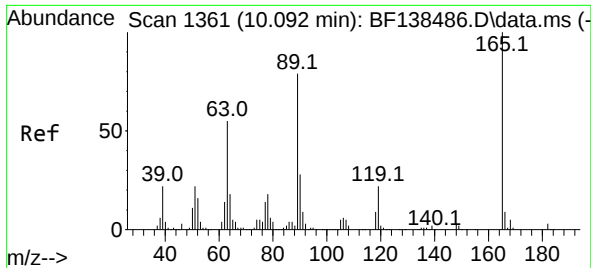
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#56
4-Nitrophenol
Concen: 101.621 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

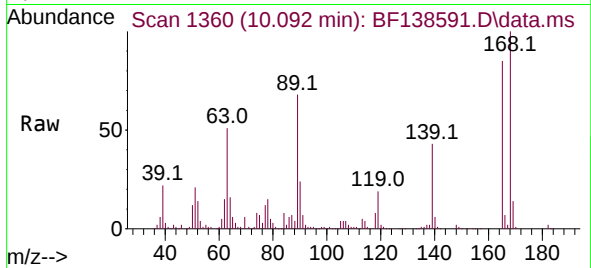
Tgt Ion:139 Resp: 205612
Ion Ratio Lower Upper
139 100
109 75.5 58.1 98.1
65 116.8 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 52.697 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

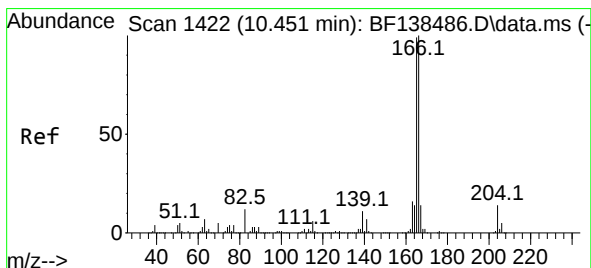
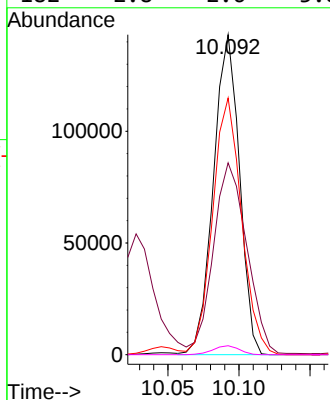
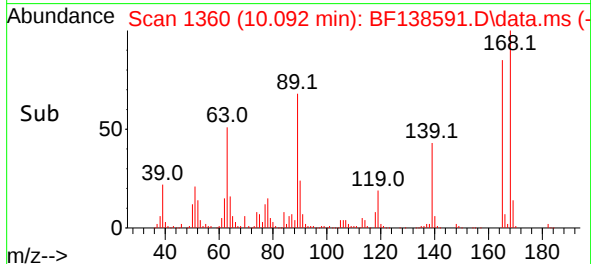
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion:165 Resp: 182419
Ion Ratio Lower Upper
165 100
63 59.9 44.6 66.8
89 80.2 63.4 95.2
182 2.8 2.6 3.8

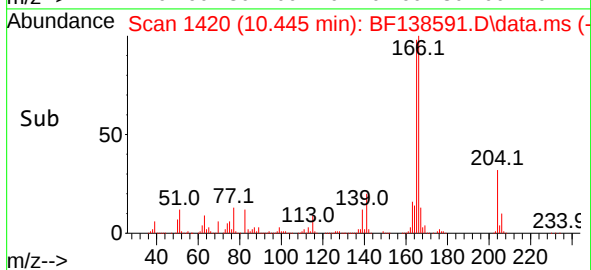
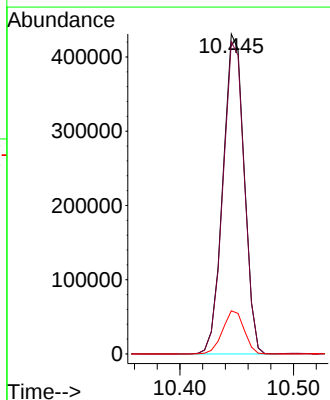
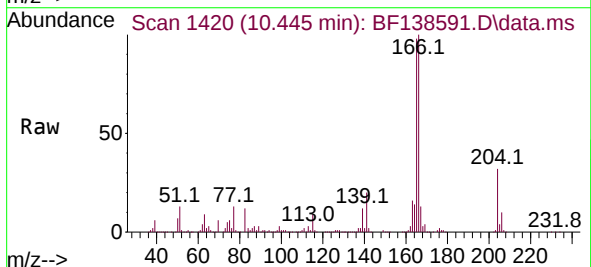
Manual Integrations
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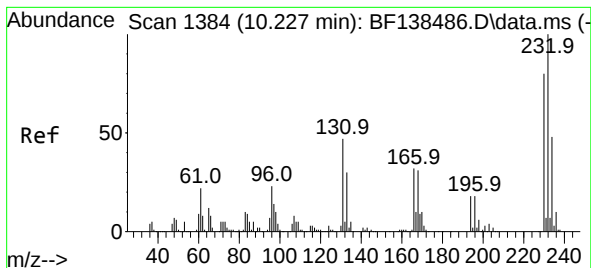
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#58
Fluorene
Concen: 50.205 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

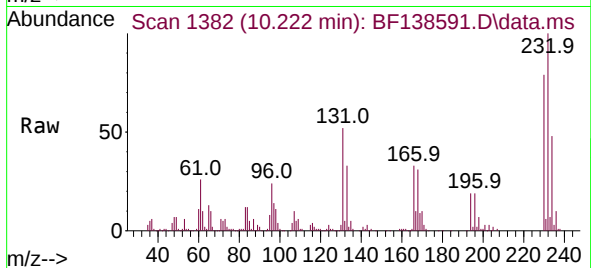
Tgt Ion:166 Resp: 559455
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.262 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

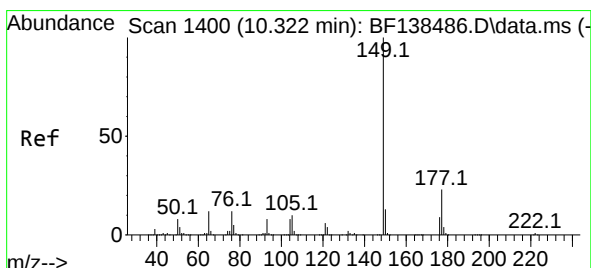
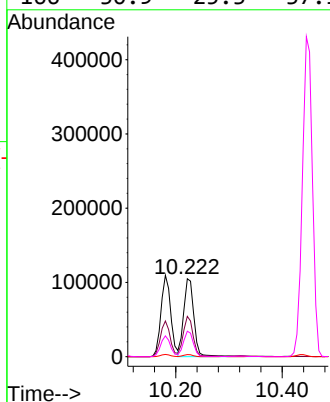
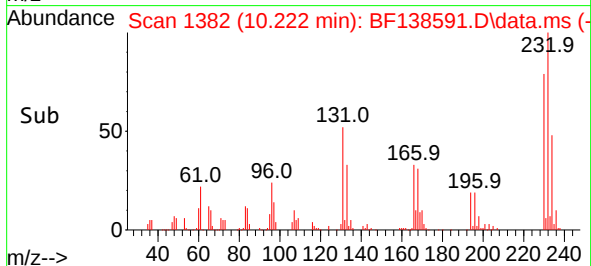
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



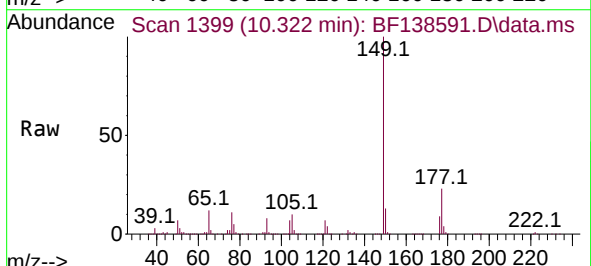
Tgt Ion:232 Resp: 139384
Ion Ratio Lower Upper
232 100
131 49.1 37.5 56.3
130 2.6 2.0 3.0
166 30.9 25.3 37.9

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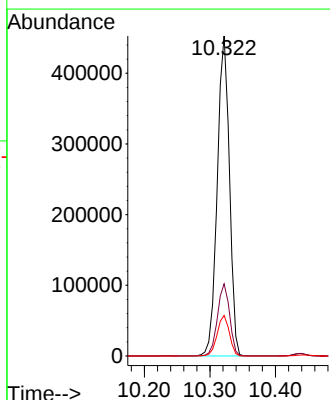
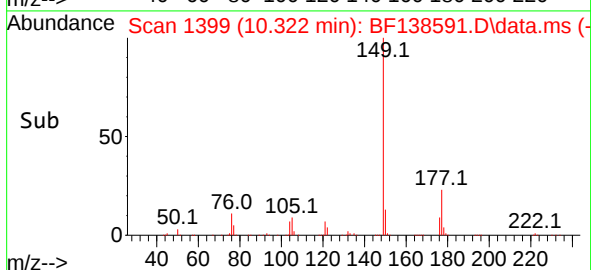
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

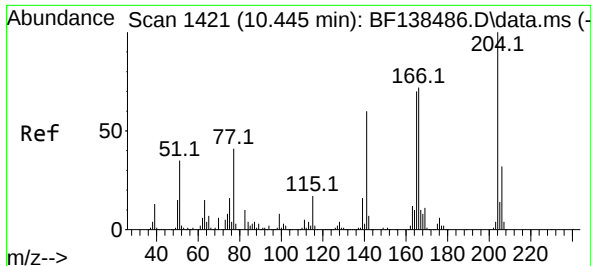


#60
Diethylphthalate
Concen: 51.738 ng
RT: 10.322 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



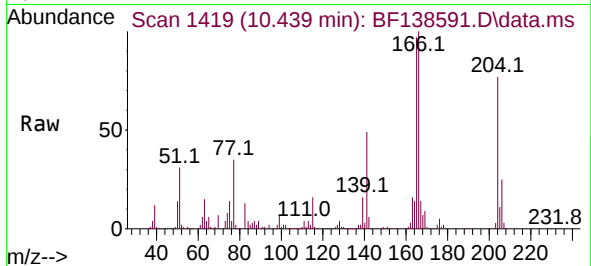
Tgt Ion:149 Resp: 579570
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 47.625 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

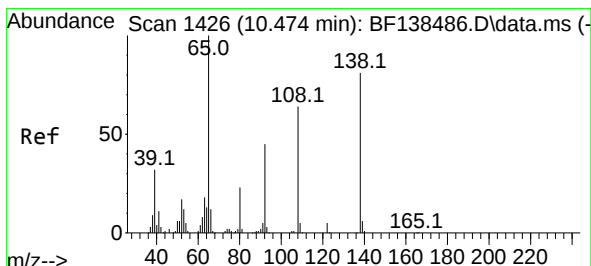
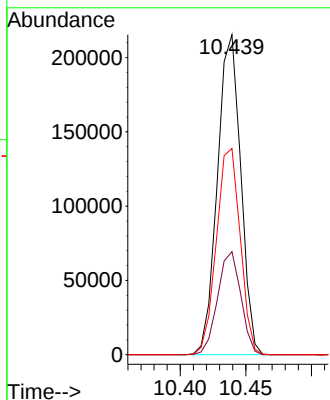
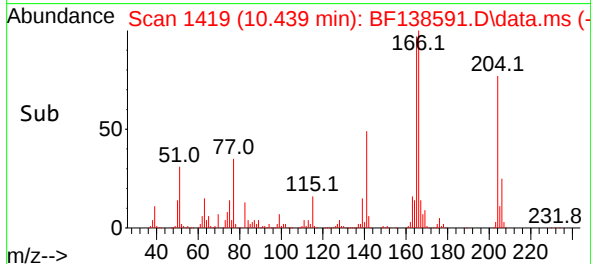
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



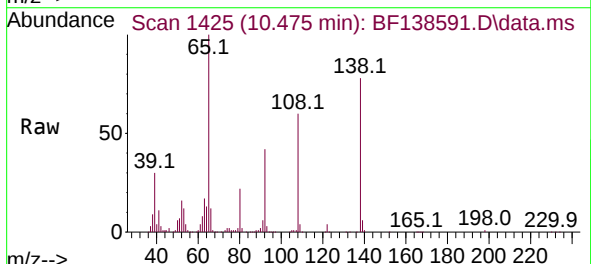
Tgt Ion:204 Resp: 26649
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 64.4 47.7 71.5

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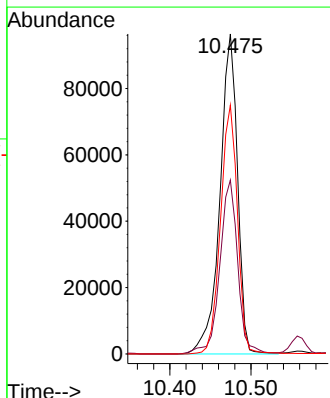
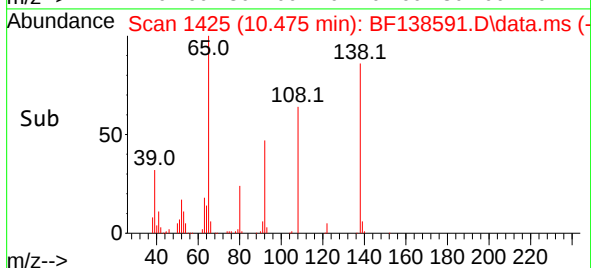
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

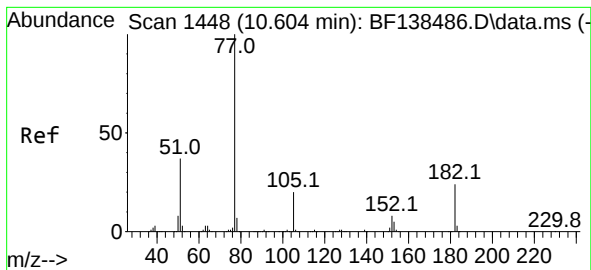


#62
4-Nitroaniline
Concen: 52.987 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



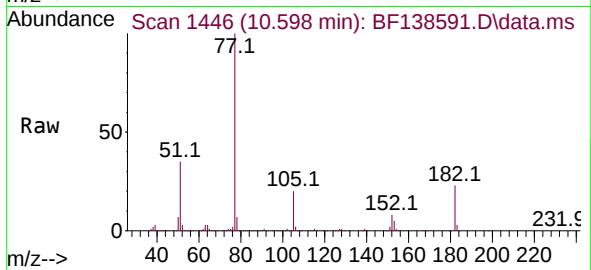
Tgt Ion:138 Resp: 145599
Ion Ratio Lower Upper
138 100
92 54.4 35.8 75.8
108 77.8 59.8 99.8





#63
Azobenzene
Concen: 52.887 ng
RT: 10.598 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

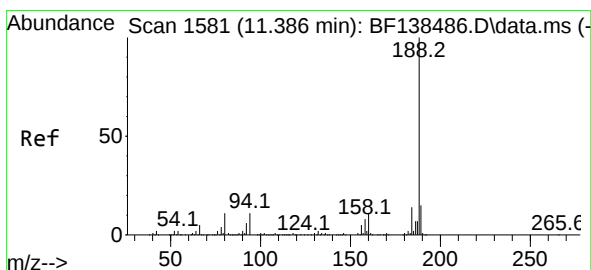
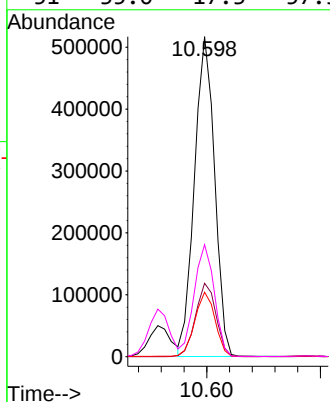
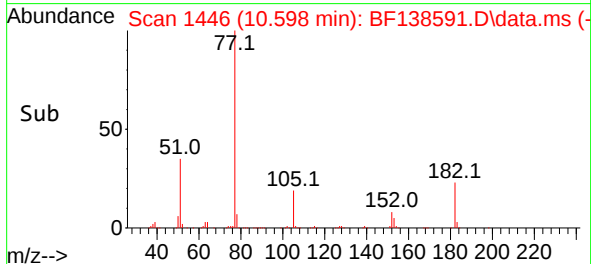
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



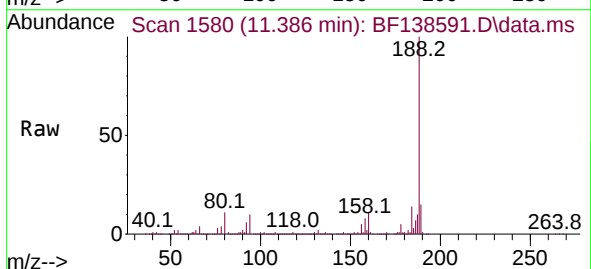
Tgt Ion: 77 Resp: 636959
Ion Ratio Lower Upper
77 100
182 23.0 3.8 43.8
105 20.1 0.0 39.8
51 35.0 17.3 57.3

Manual Integrations
APPROVED

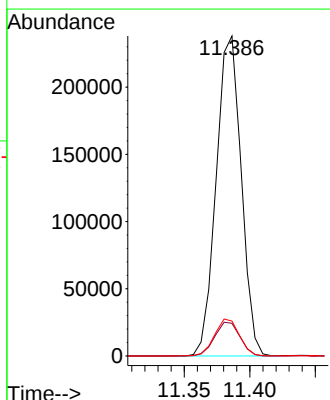
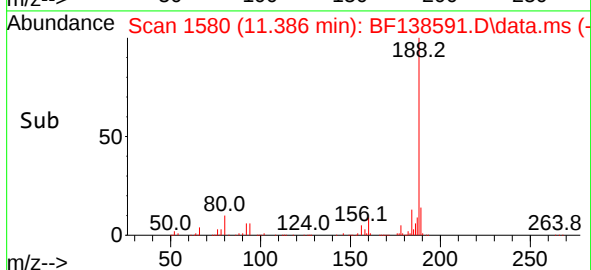
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



Tgt Ion:188 Resp: 316038
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 10.9 9.0 13.4





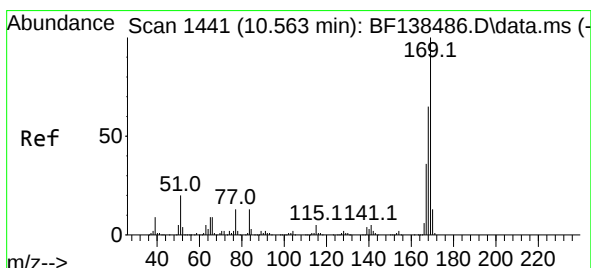
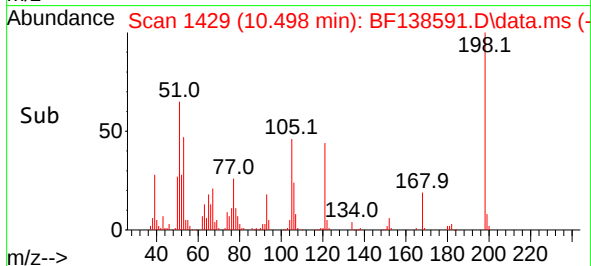
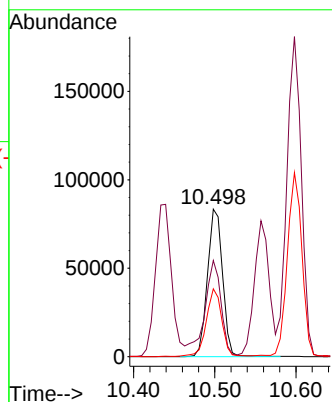
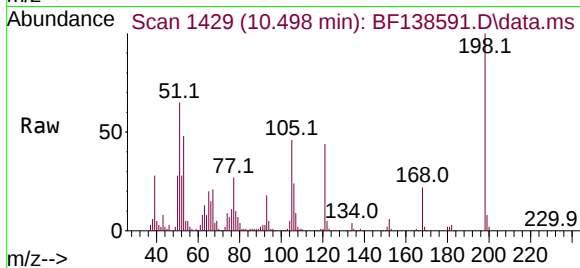
#65
4,6-Dinitro-2-methylphenol
Concen: 59.008 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

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

Tgt Ion:198 Resp: 107679
Ion Ratio Lower Upper
198 100
51 65.2 27.2 67.2
105 46.1 18.5 58.5

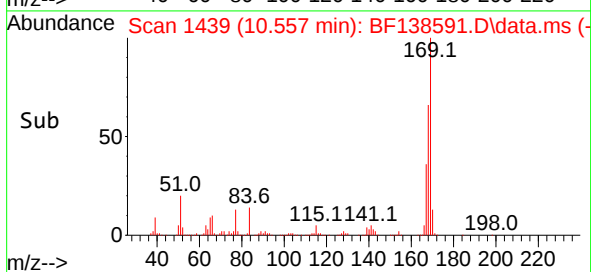
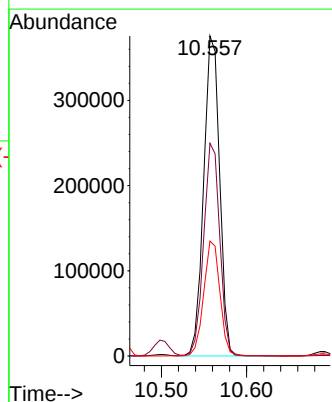
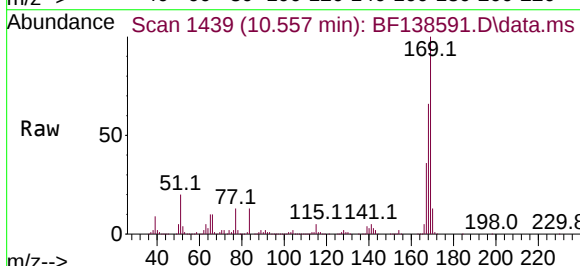
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 51.481 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

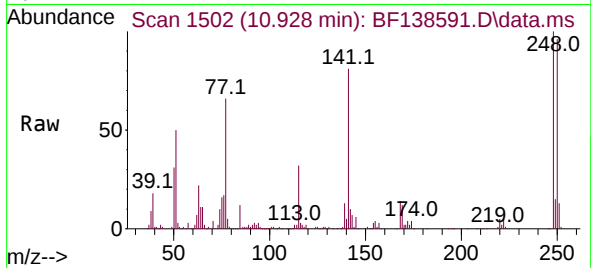
Tgt Ion:169 Resp: 487456
Ion Ratio Lower Upper
169 100
168 66.5 51.7 77.5
167 35.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 49.376 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

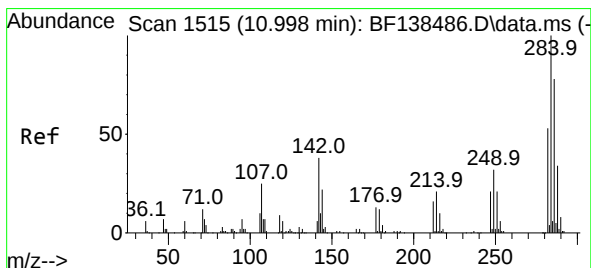
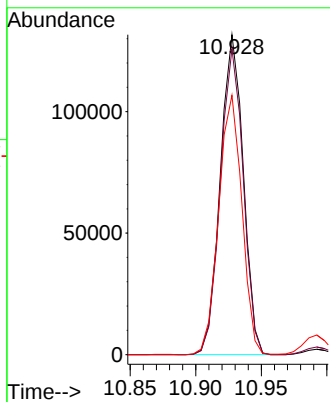
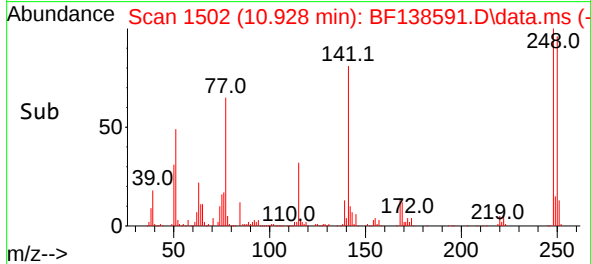
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



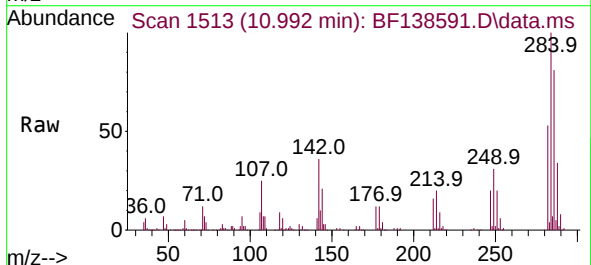
Tgt Ion:248 Resp: 160388
Ion Ratio Lower Upper
248 100
250 95.6 77.9 116.9
141 81.0 67.7 101.5

Manual Integrations
APPROVED

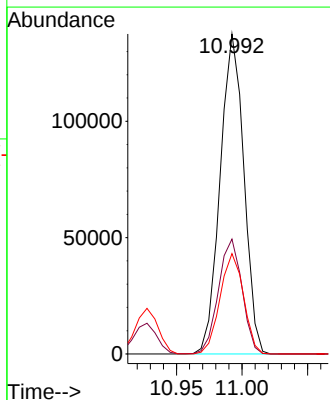
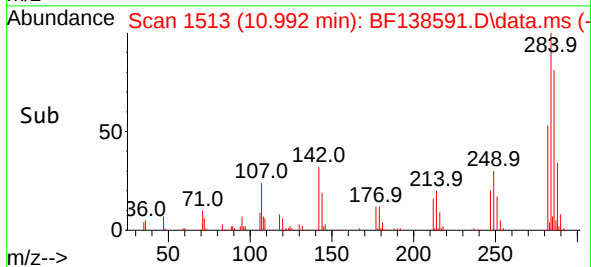
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#68
Hexachlorobenzene
Concen: 47.867 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



Tgt Ion:284 Resp: 172732
Ion Ratio Lower Upper
284 100
142 35.9 30.5 45.7
249 31.4 25.9 38.9





#69

Atrazine

Concen: 47.552 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion:200 Resp: 14928

Ion Ratio Lower Upper

200 100

173 25.8 4.1 44.1

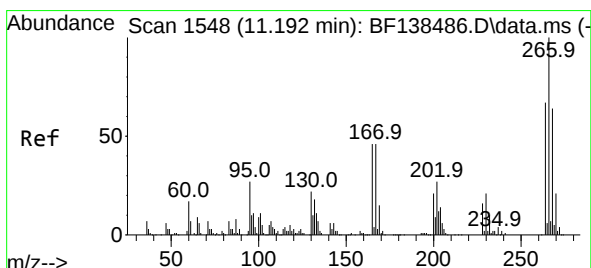
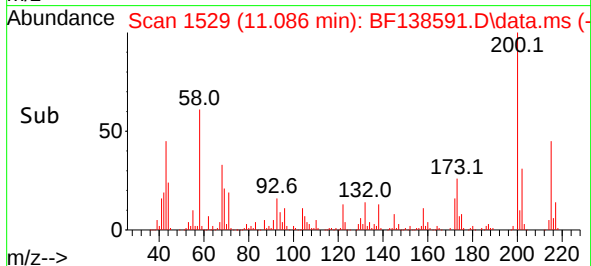
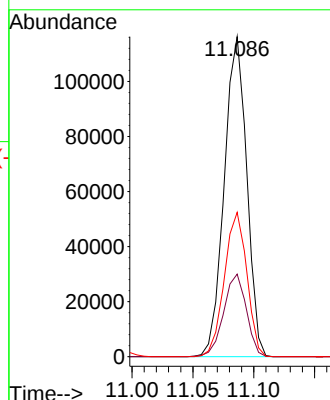
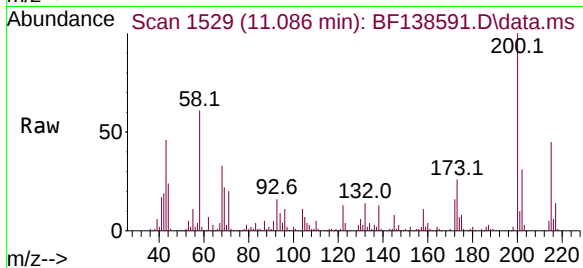
215 45.1 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#70

Pentachlorophenol

Concen: 90.790 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

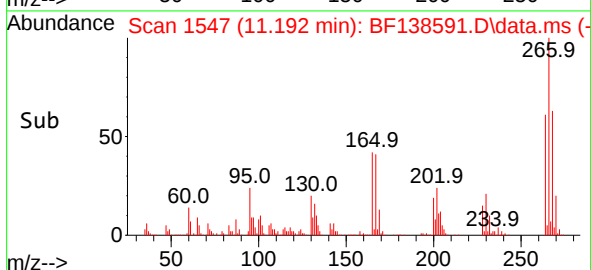
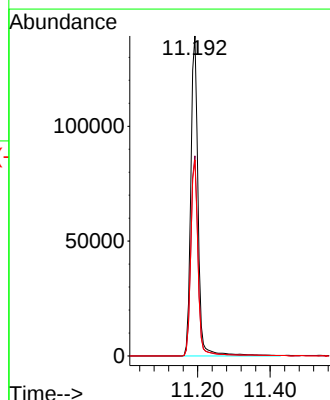
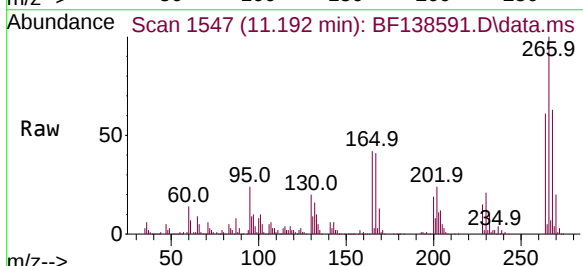
Tgt Ion:266 Resp: 193864

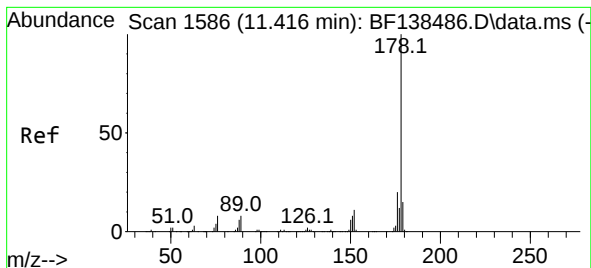
Ion Ratio Lower Upper

266 100

268 62.6 50.9 76.3

264 61.3 53.5 80.3





#71

Phenanthrene

Concen: 51.194 ng

RT: 11.410 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

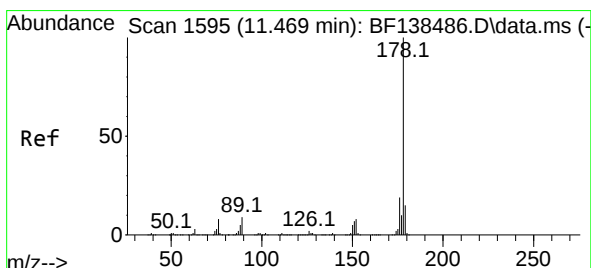
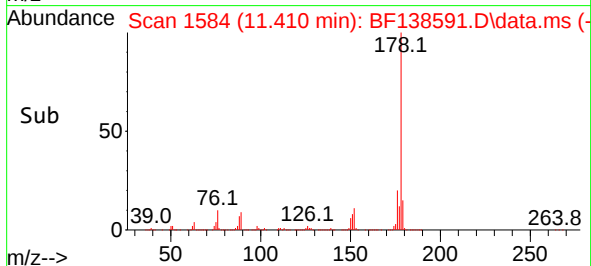
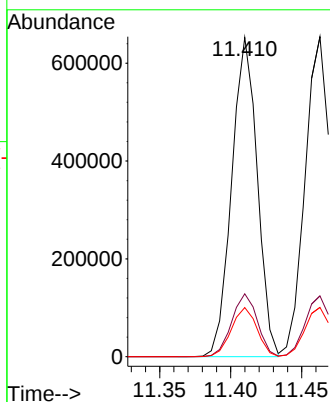
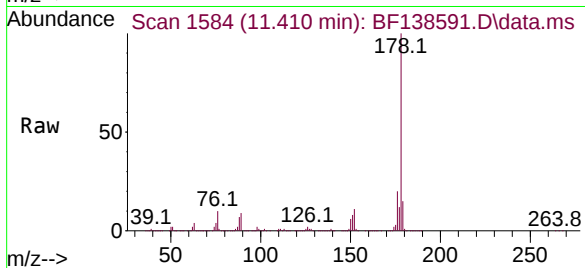
Tgt Ion:178 Resp: 817386
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.4 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#72

Anthracene

Concen: 51.628 ng

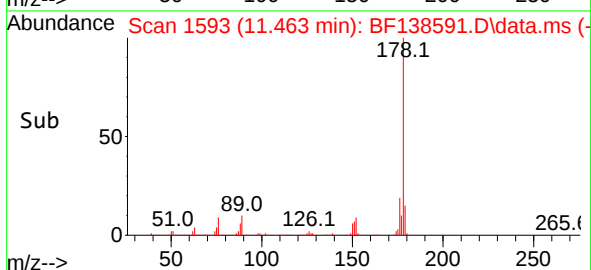
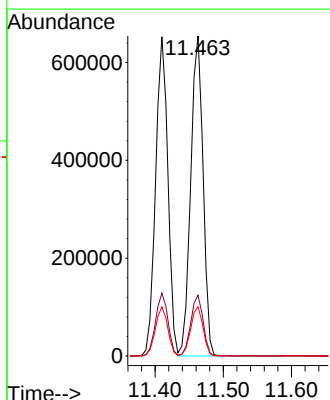
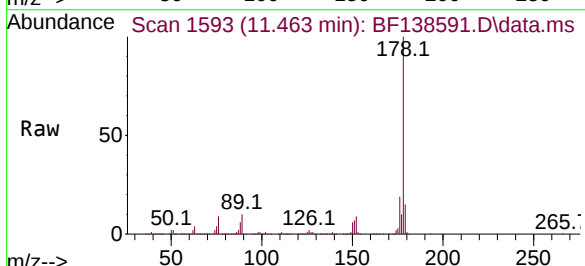
RT: 11.463 min Scan# 1593

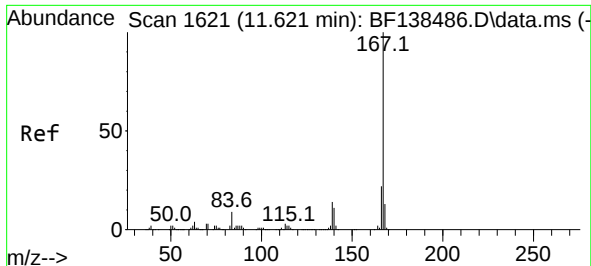
Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

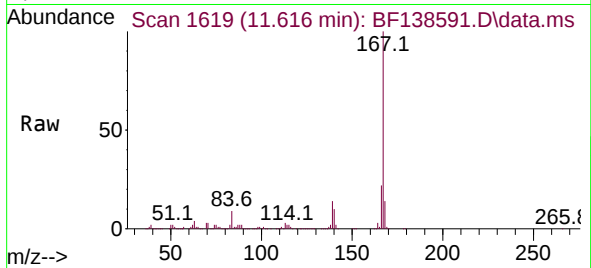
Tgt Ion:178 Resp: 818273
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.8 22.2
 179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 50.373 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138591.D
 Acq: 19 Jul 2024 15:59

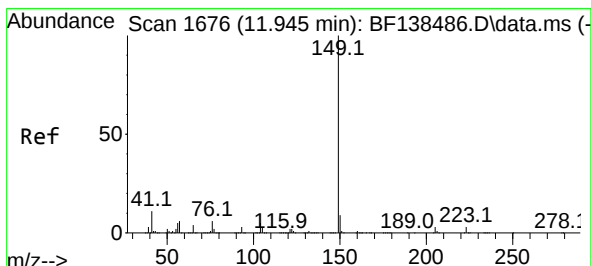
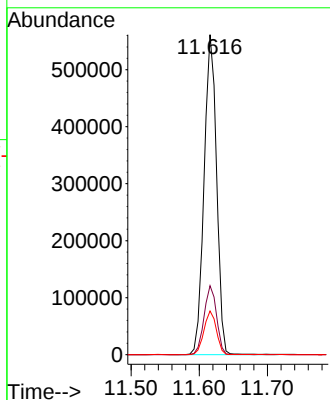
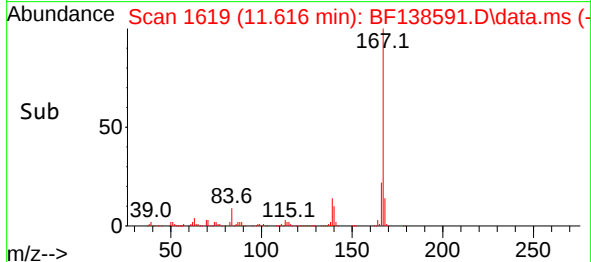
Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02MSD



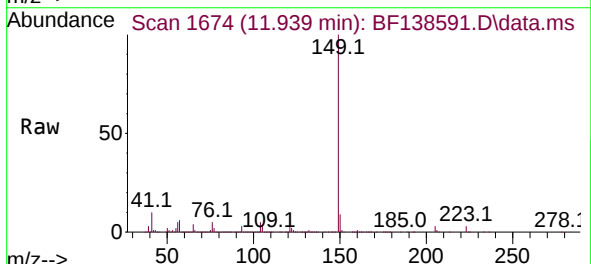
Tgt Ion:167 Resp: 71748
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 13.6 11.0 16.4

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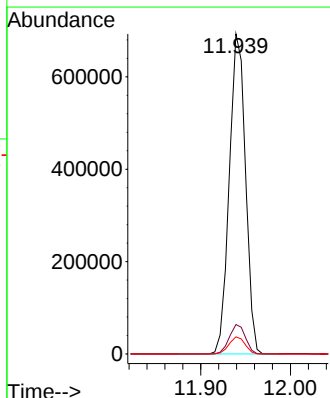
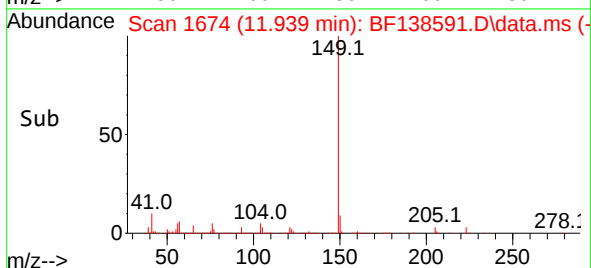
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

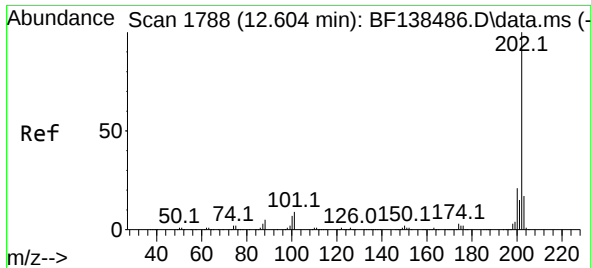


#74
 Di-n-butylphthalate
 Concen: 52.971 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138591.D
 Acq: 19 Jul 2024 15:59



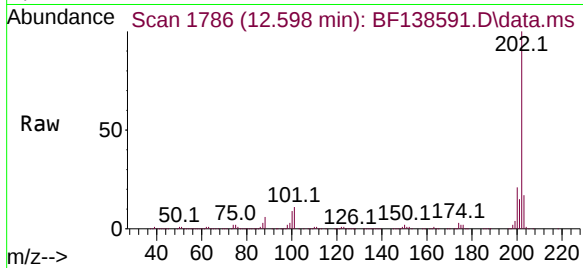
Tgt Ion:149 Resp: 869674
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 46.407 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

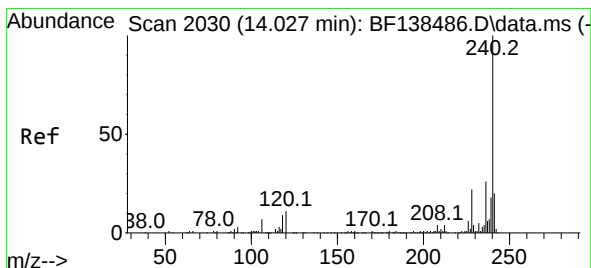
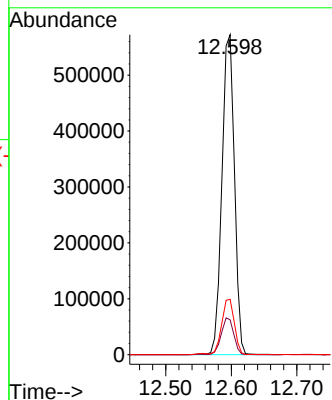
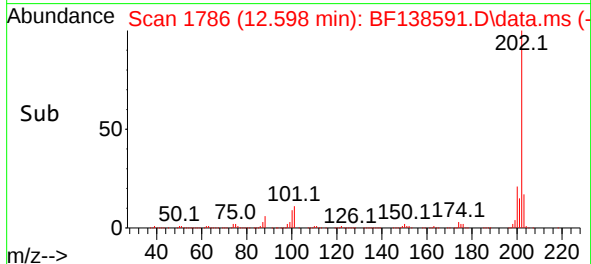
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



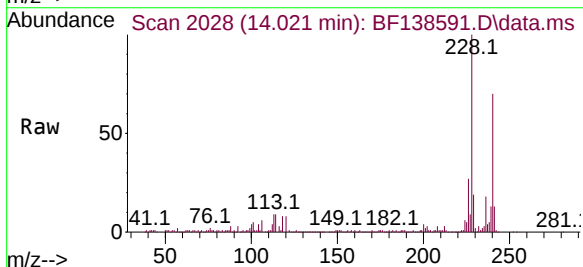
Tgt Ion:202 Resp: 756064
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.2
203 17.3 0.0 37.3

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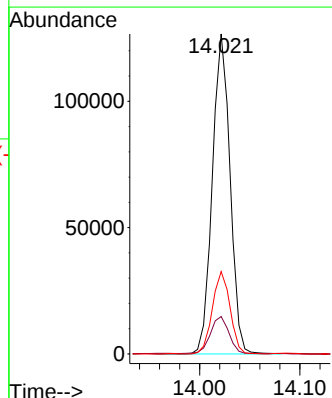
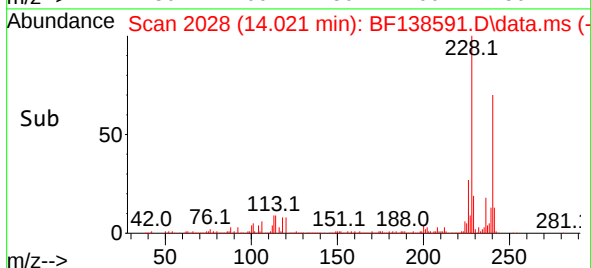
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

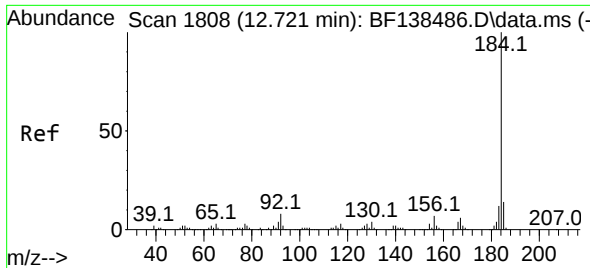


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



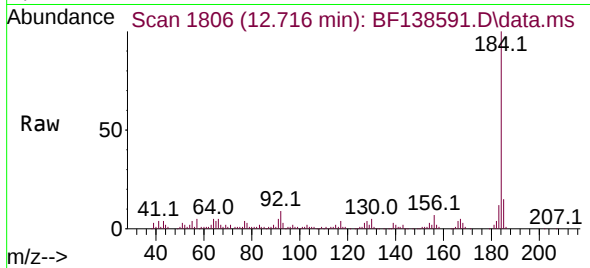
Tgt Ion:240 Resp: 155523
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.7 21.0 31.6





#77
Benzidine
Concen: 21.347 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

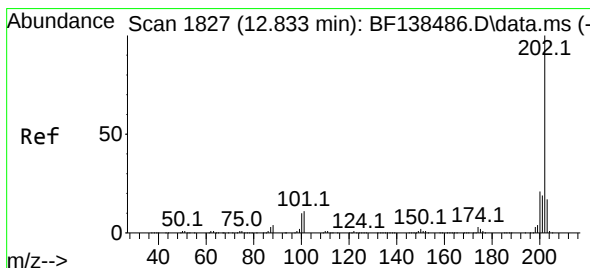
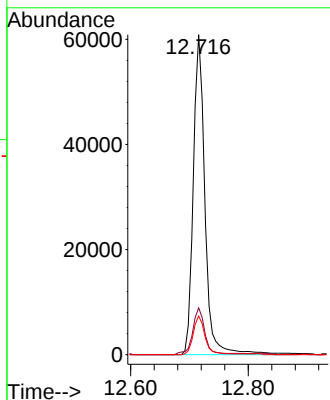
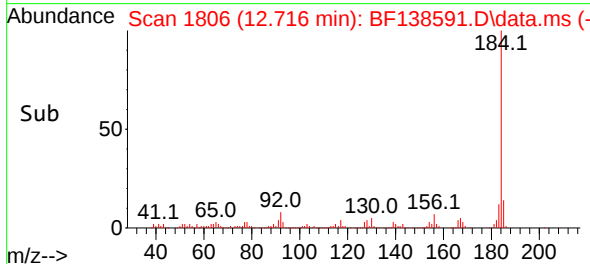
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion:184 Resp: 83760
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 12.1 9.5 14.3

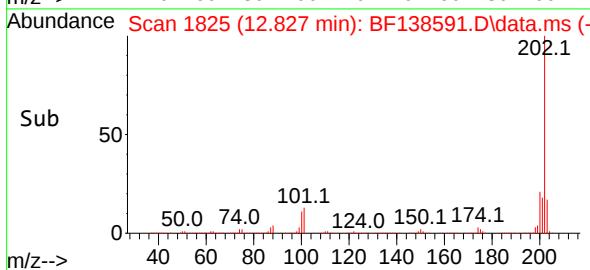
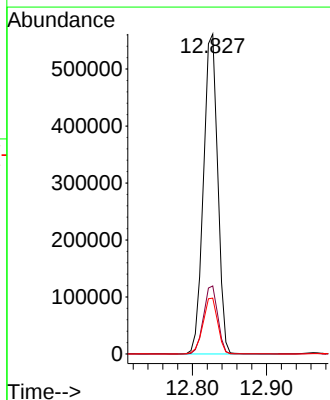
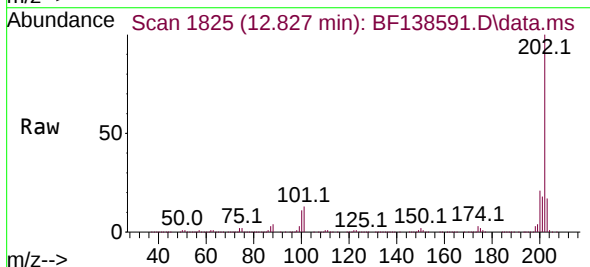
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 47.580 ng
RT: 12.827 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

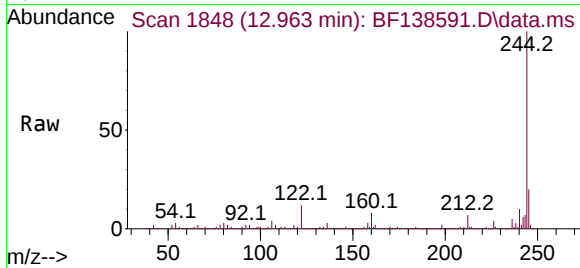
Tgt Ion:202 Resp: 751179
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.5 13.7 20.5





#79
 Terphenyl-d14
 Concen: 78.916 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138591.D
 Acq: 19 Jul 2024 15:59

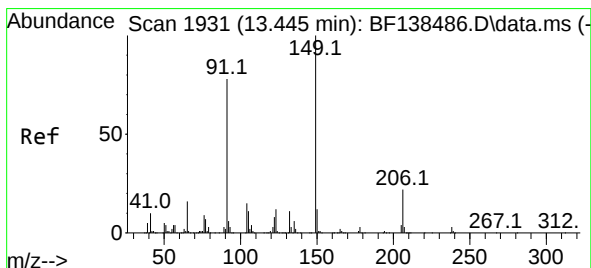
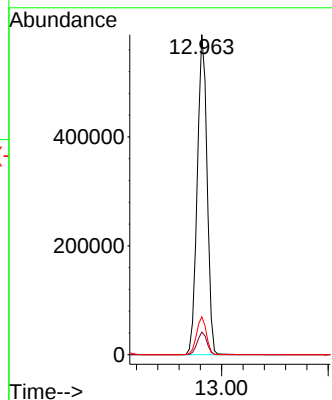
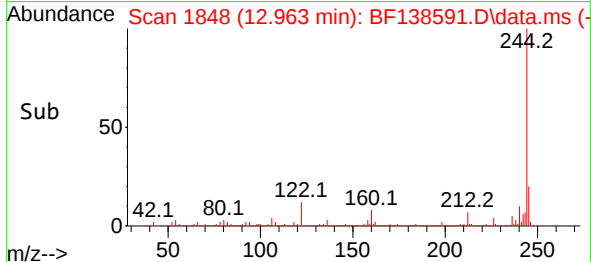
Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02MSD



Tgt Ion:244 Resp: 753369
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.9 7.8 11.8

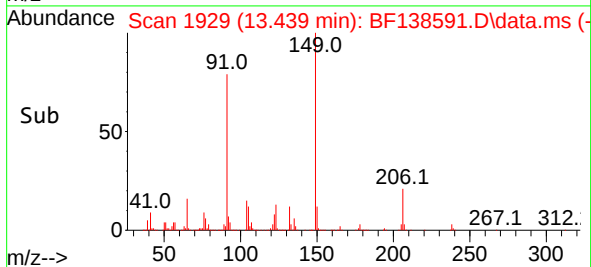
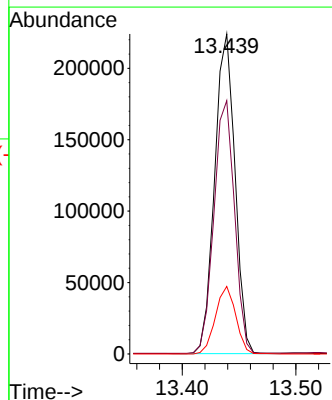
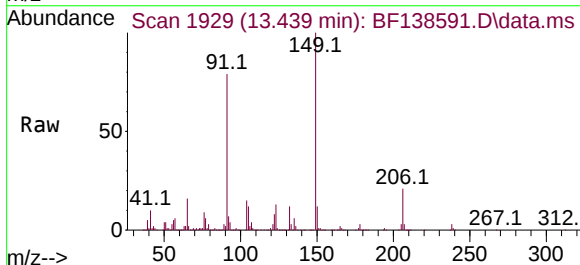
Manual Integrations
 APPROVED

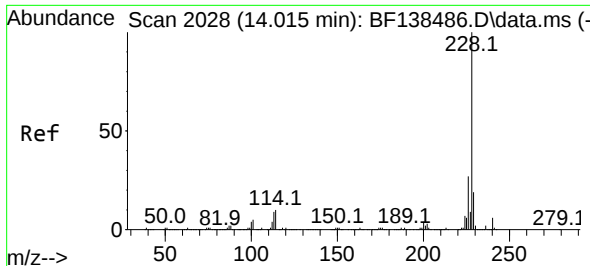
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#80
 Butylbenzylphthalate
 Concen: 58.723 ng
 RT: 13.439 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF138591.D
 Acq: 19 Jul 2024 15:59

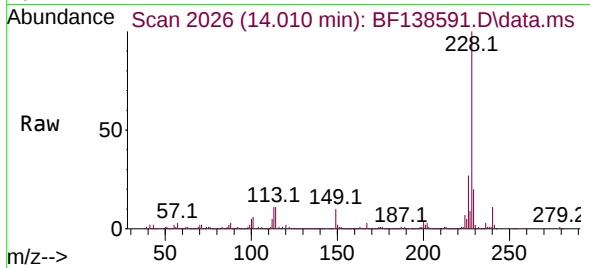
Tgt Ion:149 Resp: 278890
 Ion Ratio Lower Upper
 149 100
 91 79.1 62.1 93.1
 206 21.1 18.0 27.0





#81
Benzo(a)anthracene
Concen: 52.391 ng
RT: 14.010 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

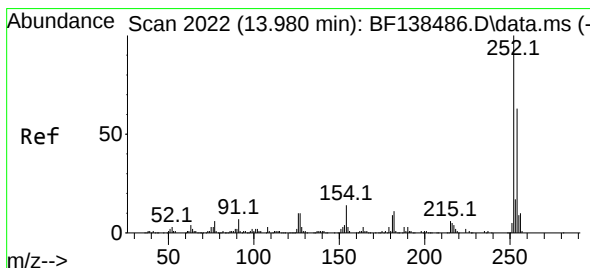
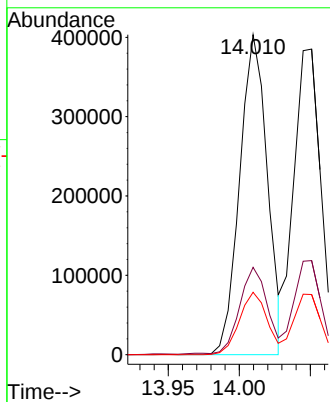
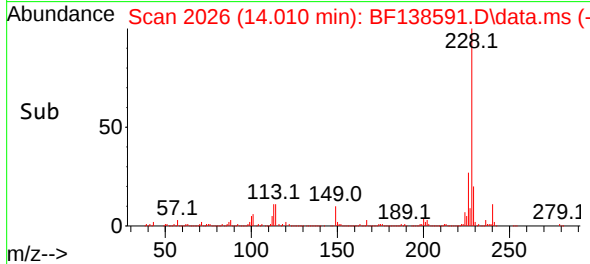
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



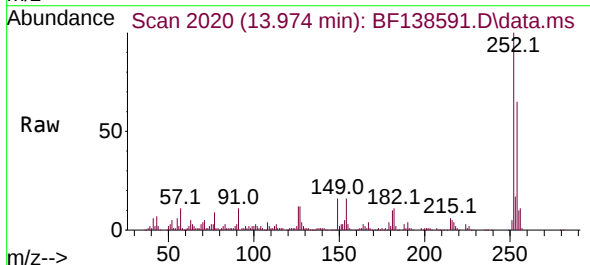
Tgt Ion:228 Resp: 546735
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.5 15.5 23.3

Manual Integrations
APPROVED

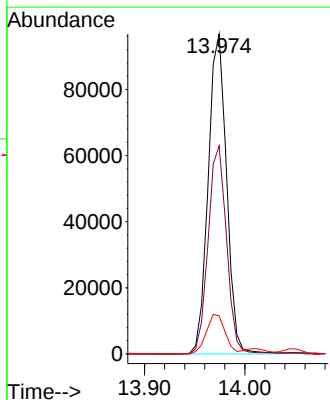
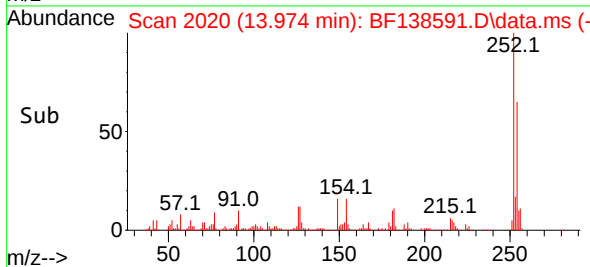
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

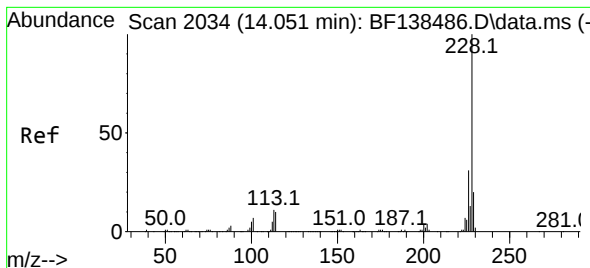


#82
3,3'-Dichlorobenzidine
Concen: 45.923 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



Tgt Ion:252 Resp: 123486
Ion Ratio Lower Upper
252 100
254 65.0 50.3 75.5
126 11.9 8.1 12.1





#83

Chrysene

Concen: 51.164 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

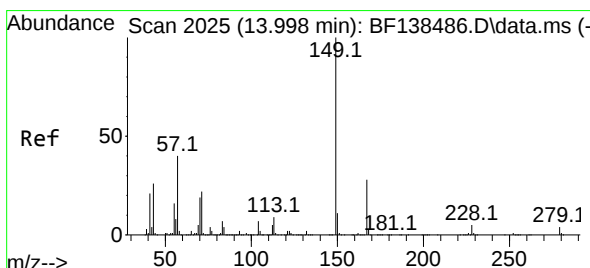
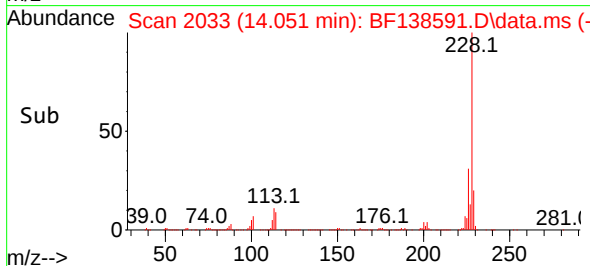
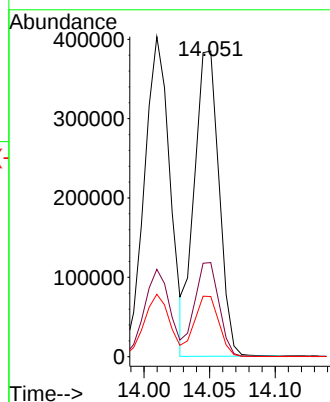
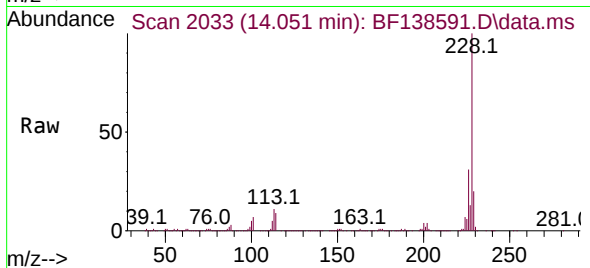
Tgt Ion:228	Resp: 50509
Ion Ratio	Lower Upper
228 100	
226 30.8	24.4 36.6
229 19.7	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.803 ng

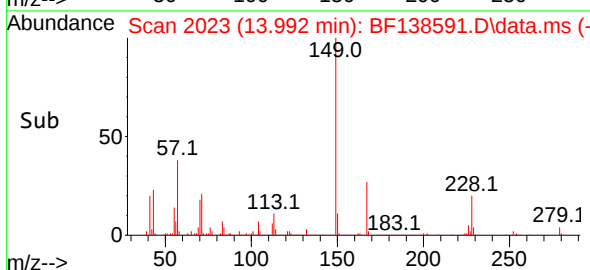
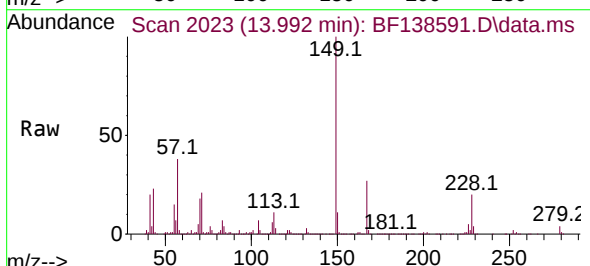
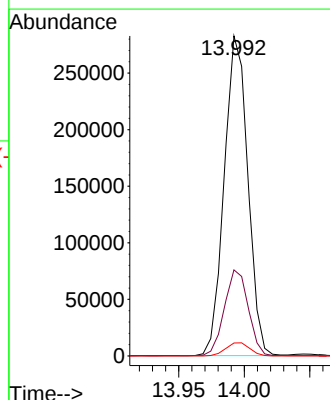
RT: 13.992 min Scan# 2023

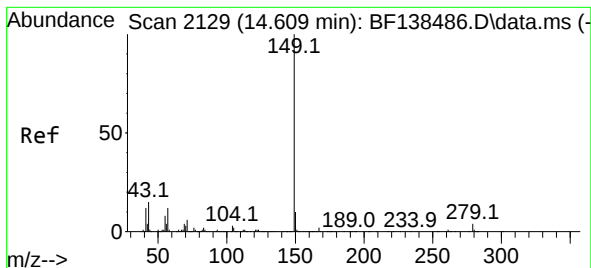
Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Tgt Ion:149	Resp: 353562
Ion Ratio	Lower Upper
149 100	
167 26.9	22.5 33.7
279 4.0	3.0 4.6





#85

Di-n-octyl phthalate

Concen: 69.889 ng

RT: 14.604 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion:149 Resp: 55922

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

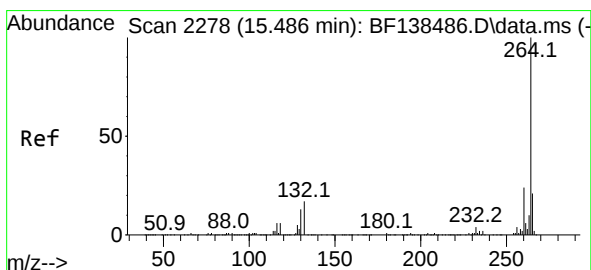
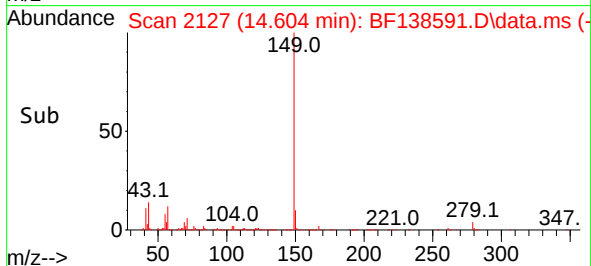
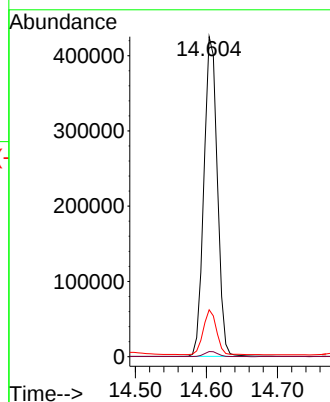
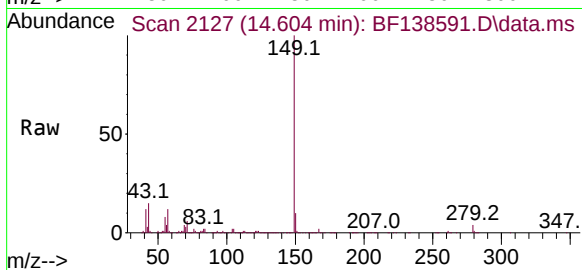
43 14.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

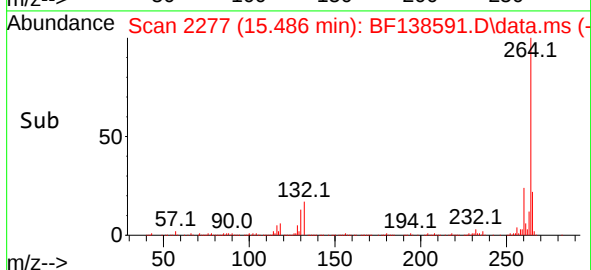
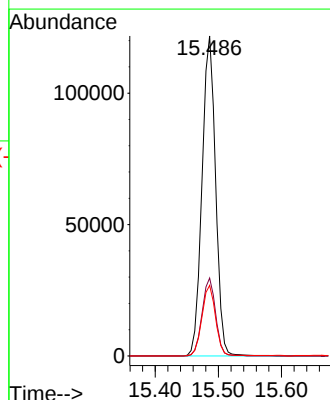
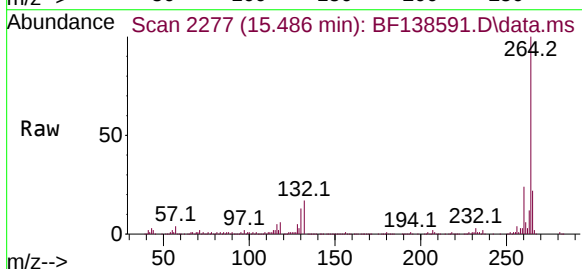
Tgt Ion:264 Resp: 181335

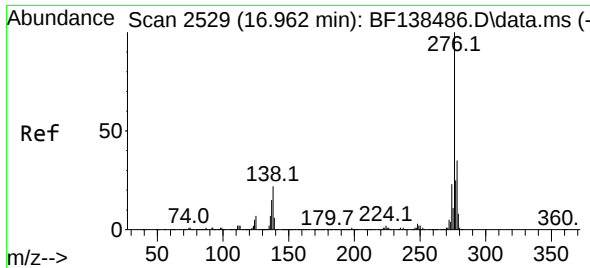
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

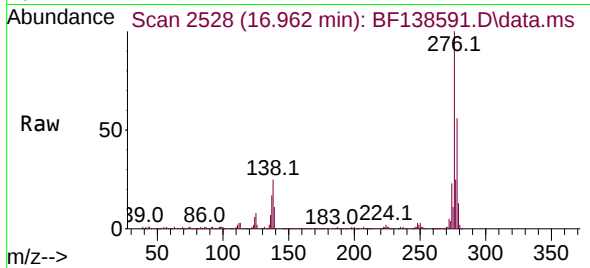
265 22.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.349 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

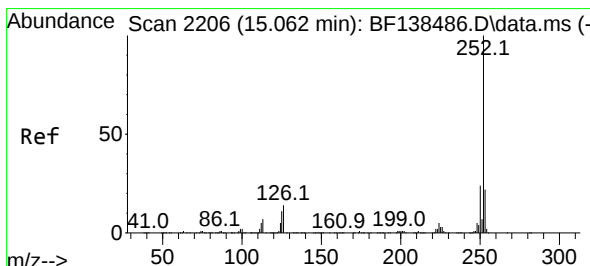
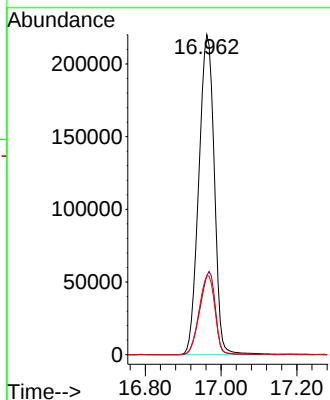
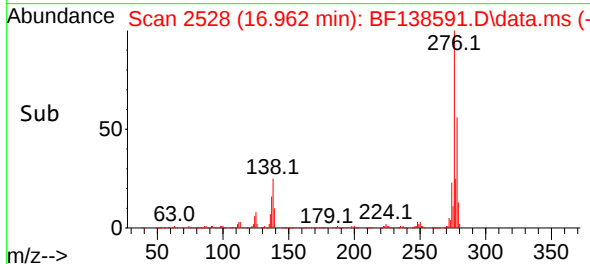
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



Tgt Ion: 276 Resp: 625449
Ion Ratio Lower Upper
276 100
138 25.8 19.6 29.4
277 25.3 20.5 30.7

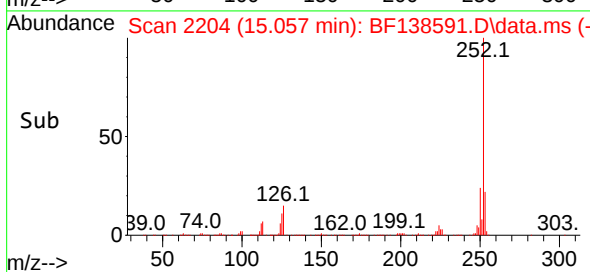
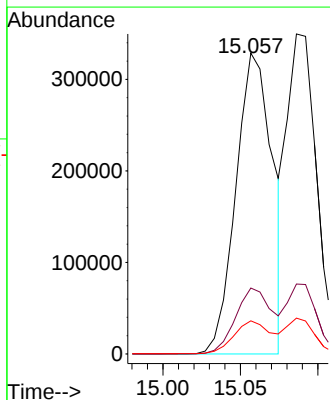
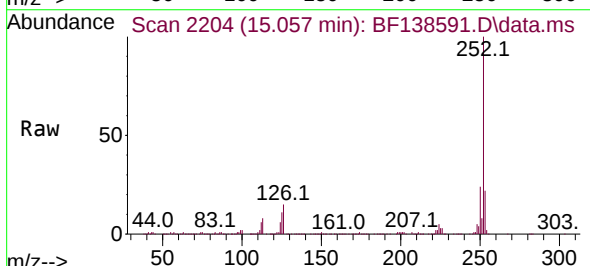
Manual Integrations
APPROVED

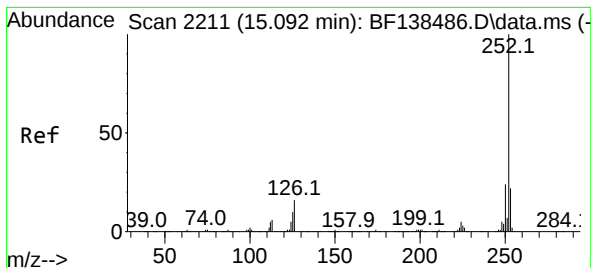
Reviewed By : Yogesh Patel 07/20/2024
Supervised By : mohammad ahmed 07/22/2024



#88
Benzo(b)fluoranthene
Concen: 53.048 ng
RT: 15.057 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

Tgt Ion: 252 Resp: 541744
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.0 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 46.281 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02MSD

Tgt Ion:252 Resp: 460952

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

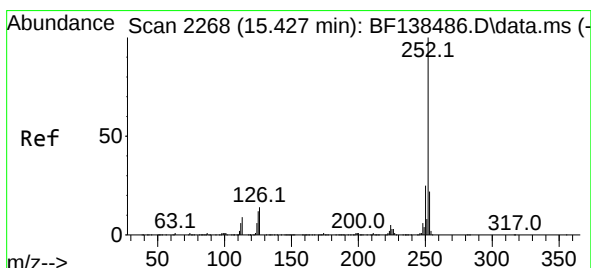
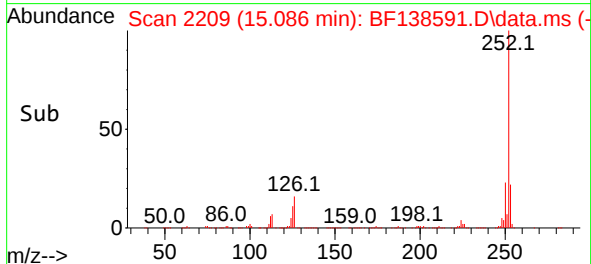
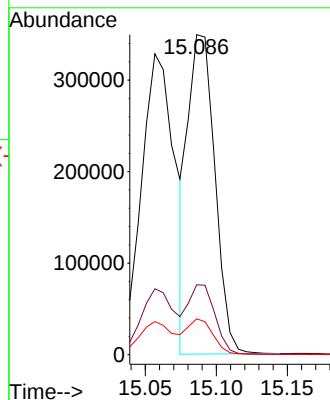
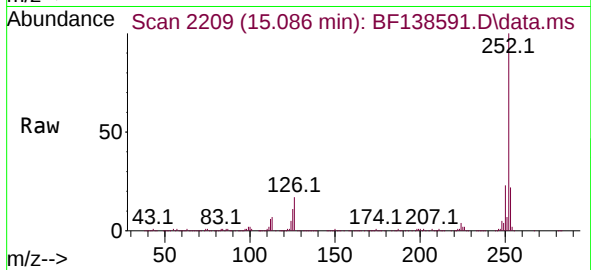
125 11.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#90

Benzo(a)pyrene

Concen: 53.987 ng

RT: 15.427 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF138591.D

Acq: 19 Jul 2024 15:59

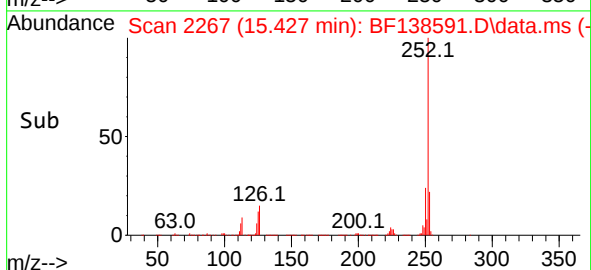
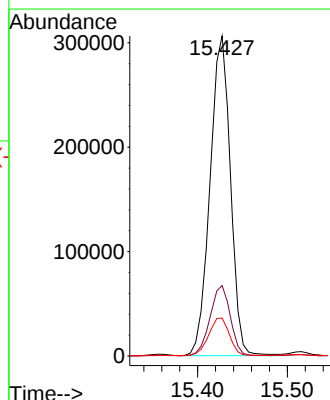
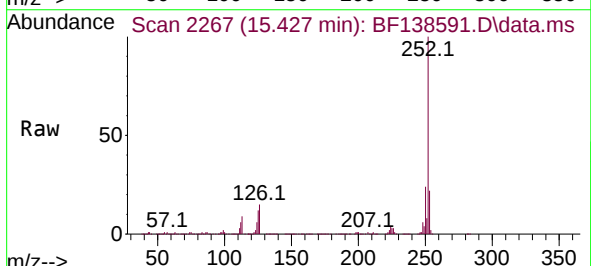
Tgt Ion:252 Resp: 484323

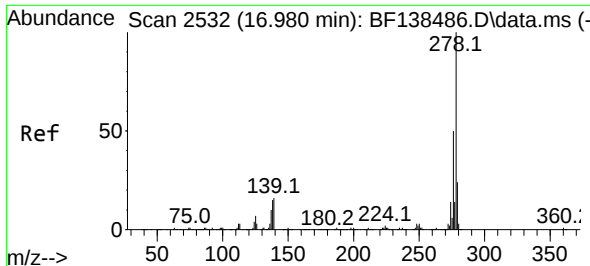
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

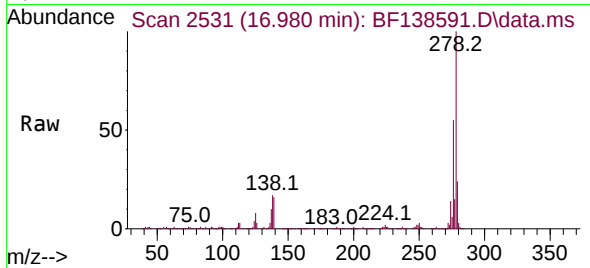
125 11.8 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 50.258 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59

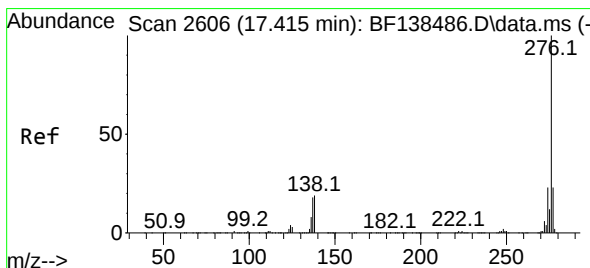
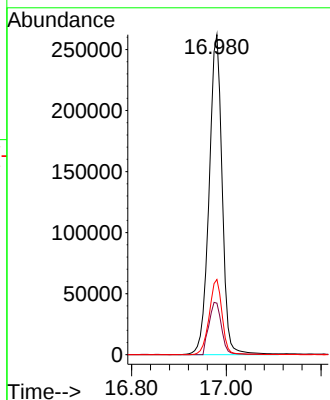
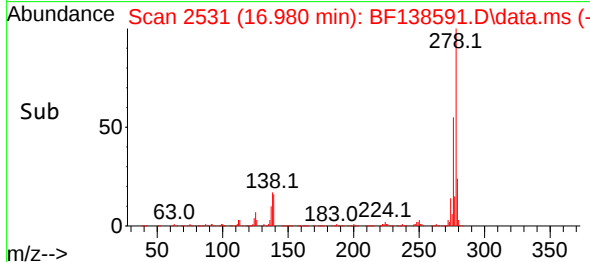
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02MSD



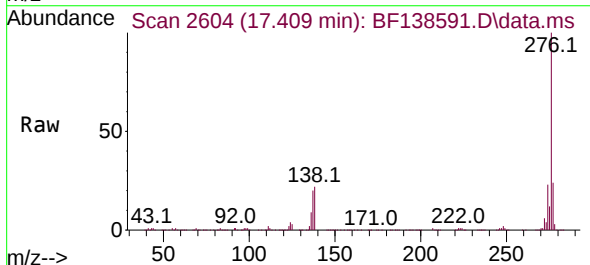
Tgt Ion: 278 Resp: 500752
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.5 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.337 ng
RT: 17.409 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF138591.D
Acq: 19 Jul 2024 15:59



Tgt Ion: 276 Resp: 479000
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 22.1 15.5 23.3

