

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133905.D
 Acq On : 22 Jun 2023 17:09
 Operator : CG\JU
 Sample : 03320-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-19MS

Quant Time: Jun 23 02:30:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	95627	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	359100	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	168480	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	275910	20.000	ng	0.00
76) Chrysene-d12	14.057	240	209062	20.000	ng	0.00
86) Perylene-d12	15.562	264	170639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	507329	92.360	ng	0.00
7) Phenol-d6	6.498	99	622360	87.044	ng	0.00
23) Nitrobenzene-d5	7.422	82	400465	60.741	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	188170	88.233	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	784423	66.184	ng	0.00
79) Terphenyl-d14	12.986	244	793513	58.731	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	90683	37.551	ng	99
3) Pyridine	3.451	79	235989	33.527	ng	98
4) n-Nitrosodimethylamine	3.416	42	164180	42.197	ng	97
6) Aniline	6.528	93	349466	38.806	ng	99
8) 2-Chlorophenol	6.645	128	276944	47.842	ng	98
9) Benzaldehyde	6.416	77	143267	30.202	ng	99
10) Phenol	6.516	94	335112	44.885	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	248493	44.833	ng	97
12) 1,3-Dichlorobenzene	6.804	146	292427	47.281	ng	98
13) 1,4-Dichlorobenzene	6.881	146	303765	48.593	ng	97
14) 1,2-Dichlorobenzene	7.028	146	285625	50.566	ng	99
15) Benzyl Alcohol	7.004	79	246281	44.102	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	448194	47.702	ng	99
17) 2-Methylphenol	7.116	107	222458	43.357	ng	99
18) Hexachloroethane	7.369	117	107652	50.303	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	190723	41.925	ng	100
20) 3+4-Methylphenols	7.269	107	268390	40.211	ng	# 80
22) Acetophenone	7.269	105	373788	45.384	ng	# 93
24) Nitrobenzene	7.445	77	297181	44.765	ng	98
25) Isophorone	7.681	82	531426	43.905	ng	100
26) 2-Nitrophenol	7.757	139	148539	49.855	ng	97
27) 2,4-Dimethylphenol	7.798	122	240924	46.915	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	311858	44.579	ng	100
29) 2,4-Dichlorophenol	7.998	162	228481	45.397	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	239766	45.660	ng	96
31) Naphthalene	8.163	128	757489	43.297	ng	99
32) Benzoic acid	7.910	122	155916	48.141	ng	94
33) 4-Chloroaniline	8.210	127	255975	34.218	ng	99
34) Hexachlorobutadiene	8.275	225	151516	44.071	ng	99
35) Caprolactam	8.586	113	76568m	45.211	ng	
36) 4-Chloro-3-methylphenol	8.698	107	252973	43.606	ng	99
37) 2-Methylnaphthalene	8.857	142	514272	42.306	ng	100
38) 1-Methylnaphthalene	8.951	142	472957	42.282	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	243553	47.551	ng	99
41) Hexachlorocyclopentadiene	9.004	237	120820	52.933	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	158496	46.307	ng	96

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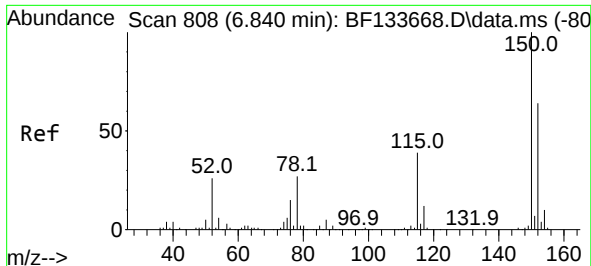
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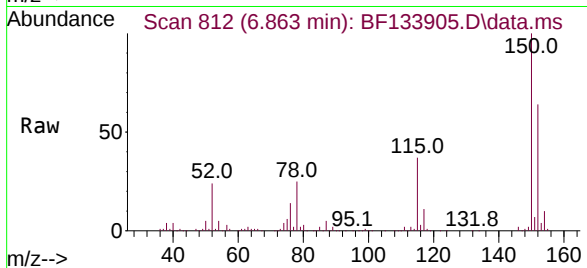
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	168558	42.331	ng	98
46) 1,1'-Biphenyl	9.322	154	647534	47.654	ng	100
47) 2-Chloronaphthalene	9.345	162	463666	47.570	ng	100
48) 2-Nitroaniline	9.445	65	160039	44.895	ng	96
49) Acenaphthylene	9.763	152	745073	43.919	ng	100
50) Dimethylphthalate	9.622	163	572942	45.559	ng	100
51) 2,6-Dinitrotoluene	9.686	165	120947	46.595	ng	# 83
52) Acenaphthene	9.933	154	437623	44.071	ng	99
53) 3-Nitroaniline	9.857	138	125769	39.815	ng	89
54) 2,4-Dinitrophenol	9.963	184	62846	51.722	ng	90
55) Dibenzofuran	10.110	168	669196	44.165	ng	99
56) 4-Nitrophenol	10.022	139	176149	82.627	ng	# 80
57) 2,4-Dinitrotoluene	10.092	165	151161	45.789	ng	97
58) Fluorene	10.451	166	502082	43.330	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	133288	44.710	ng	100
60) Diethylphthalate	10.322	149	576495	45.042	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	251467	43.960	ng	95
62) 4-Nitroaniline	10.475	138	120402	38.875	ng	99
63) Azobenzene	10.604	77	562928	46.460	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	49107	37.247	ng	96
66) n-Nitrosodiphenylamine	10.563	169	453251	48.906	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	150290	48.803	ng	96
68) Hexachlorobenzene	10.998	284	155620	48.055	ng	96
69) Atrazine	11.092	200	143387	53.322	ng	98
70) Pentachlorophenol	11.198	266	153199	79.003	ng	97
71) Phenanthrene	11.416	178	639395	45.677	ng	100
72) Anthracene	11.469	178	644970	44.189	ng	99
73) Carbazole	11.627	167	606089	44.585	ng	99
74) Di-n-butylphthalate	11.957	149	801987	46.018	ng	99
75) Fluoranthene	12.616	202	679455	45.708	ng	99
77) Benzidine	12.739	184	467977	66.708	ng	99
78) Pyrene	12.845	202	703562	36.127	ng	99
80) Butylbenzylphthalate	13.468	149	321569	39.112	ng	98
81) Benzo(a)anthracene	14.045	228	657143	45.443	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	244736	50.905	ng	# 98
83) Chrysene	14.080	228	614022	44.893	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	452453	44.695	ng	98
85) Di-n-octyl phthalate	14.651	149	790823	54.973	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	429448	36.581	ng	99
88) Benzo(b)fluoranthene	15.115	252	544772	52.556	ng	99
89) Benzo(k)fluoranthene	15.145	252	539702	53.450	ng	98
90) Benzo(a)pyrene	15.498	252	427847	44.474	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	355016	36.528	ng	99
92) Benzo(g,h,i)perylene	17.586	276	336437	34.914	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

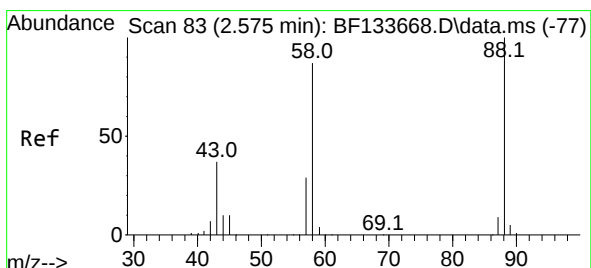
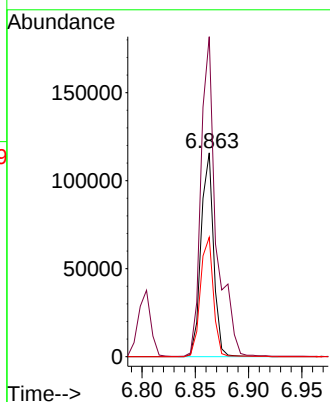
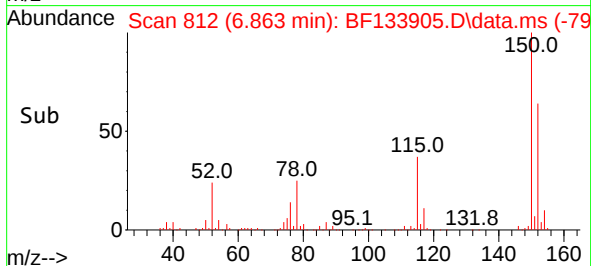
Instrument :
BNA_F
ClientSampleId :
WC-19MS



Tgt Ion:152 Resp: 9562
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 58.5 48.5 72.7

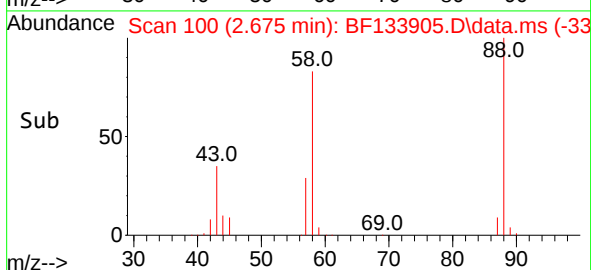
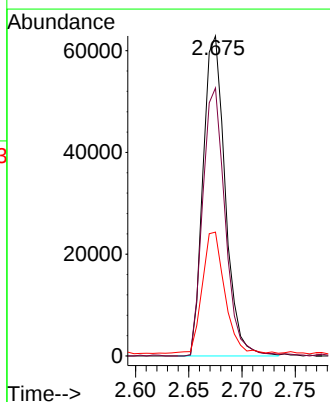
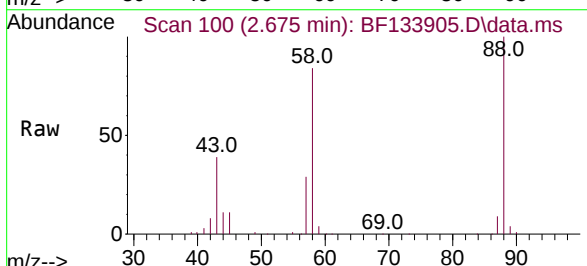
Manual Integrations
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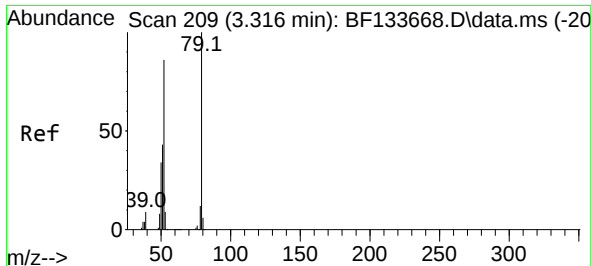
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 37.551 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.041 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

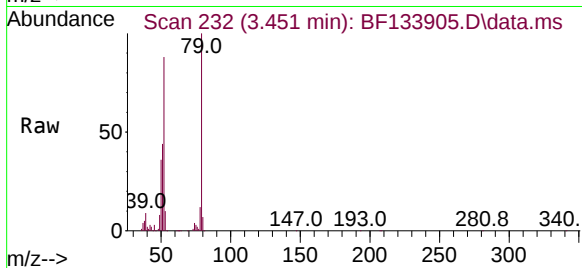
Tgt Ion: 88 Resp: 90683
Ion Ratio Lower Upper
88 100
58 85.5 67.8 101.6
43 38.6 29.8 44.6





#3
Pyridine
Concen: 33.527 ng
RT: 3.451 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

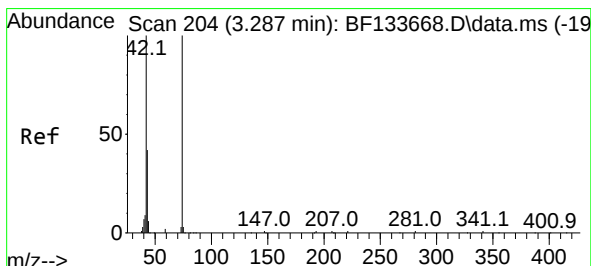
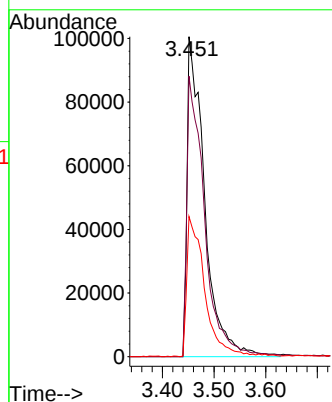
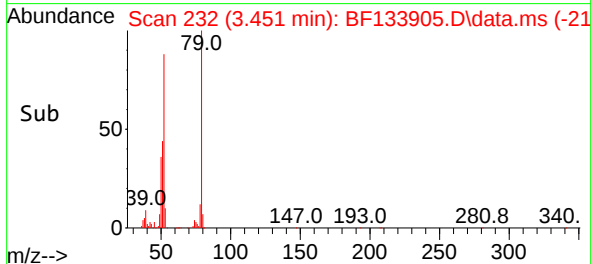
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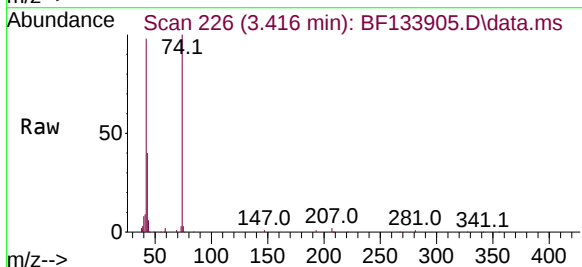
Tgt Ion: 79 Resp: 235989
Ion Ratio Lower Upper
79 100
52 87.7 68.6 102.8
51 43.8 34.8 52.2

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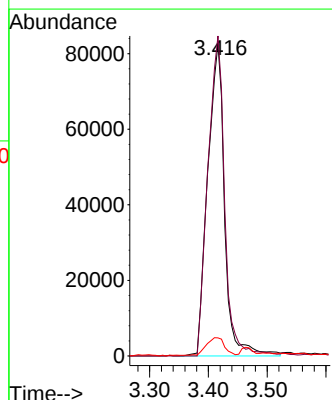
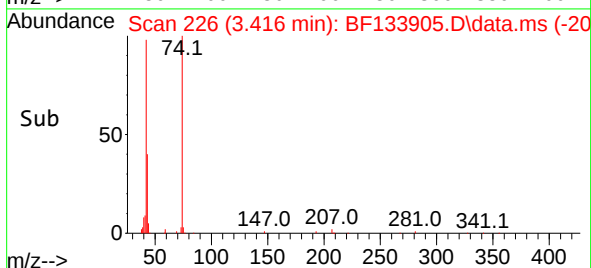
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

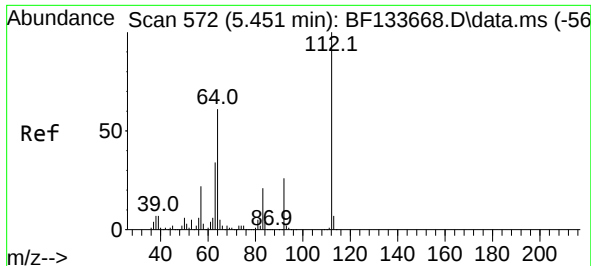


#4
n-Nitrosodimethylamine
Concen: 42.197 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.035 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion: 42 Resp: 164180
Ion Ratio Lower Upper
42 100
74 102.6 79.8 119.8
44 5.8 4.7 7.1





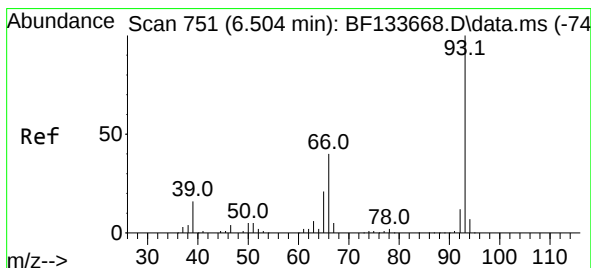
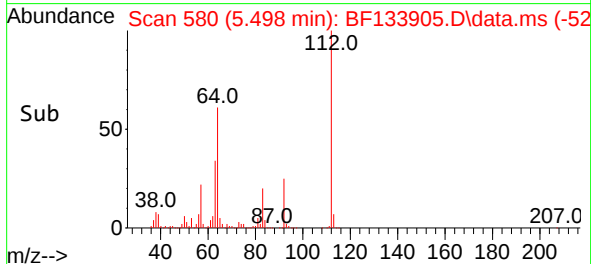
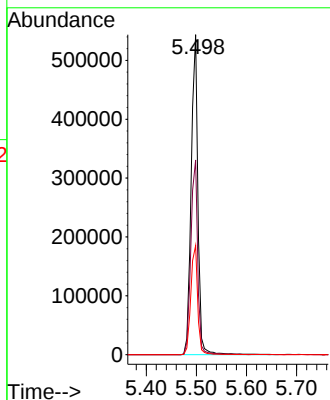
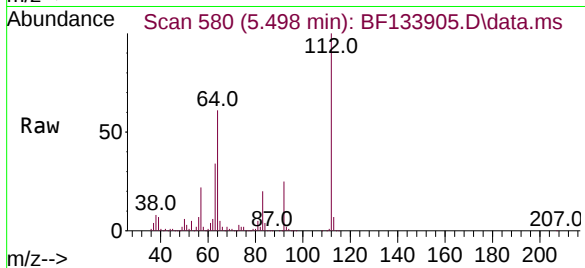
#5
2-Fluorophenol
Concen: 92.360 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

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BNA_F
ClientSampleId :
WC-19MS

Tgt Ion:112 Resp: 507329
Ion Ratio Lower Upper
112 100
64 60.9 49.0 73.4
63 34.1 26.8 40.2

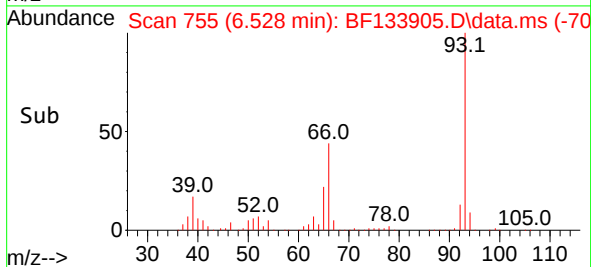
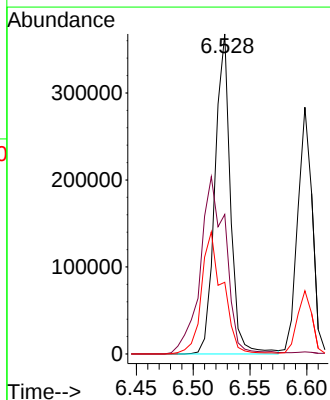
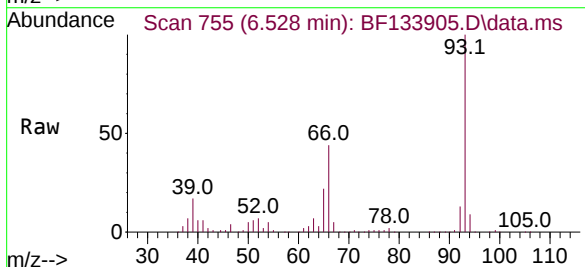
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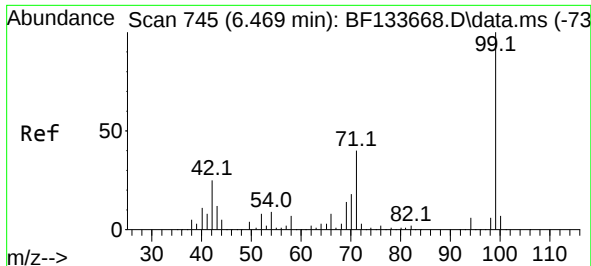
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 38.806 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Tgt Ion: 93 Resp: 349466
Ion Ratio Lower Upper
93 100
66 43.6 34.4 51.6
65 22.4 17.5 26.3





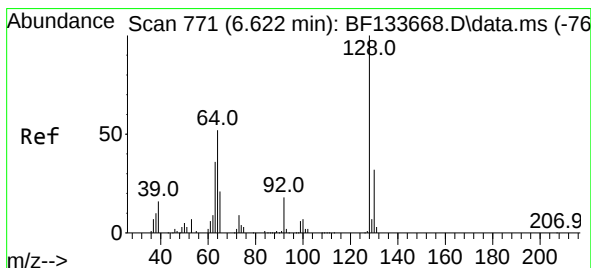
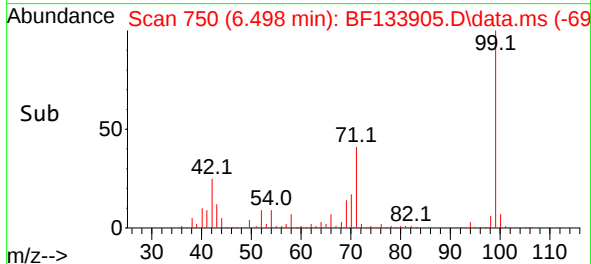
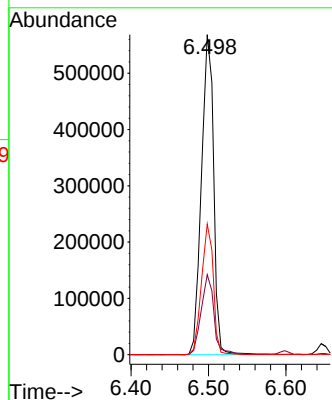
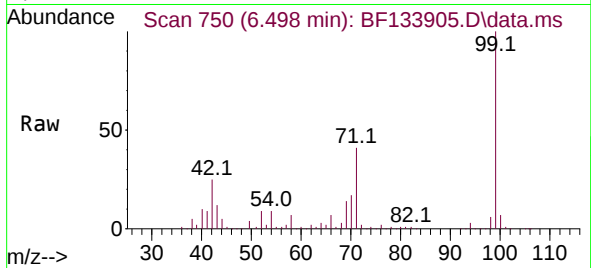
#7
Phenol-d6
Concen: 87.044 ng
RT: 6.498 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :
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Tgt Ion: 99 Resp: 622360
Ion Ratio Lower Upper
99 100
42 25.0 19.9 29.9
71 40.8 32.2 48.4

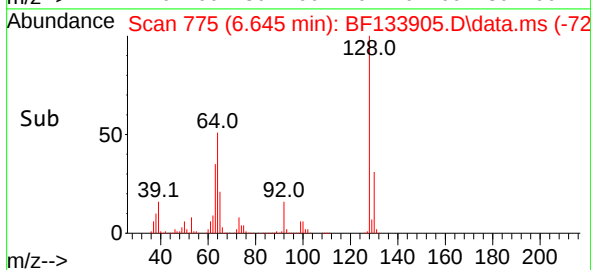
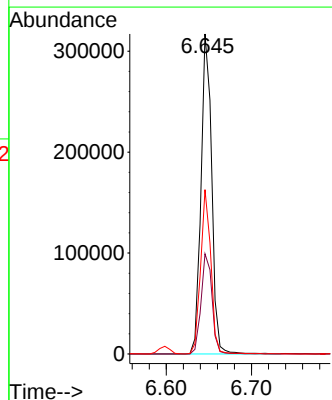
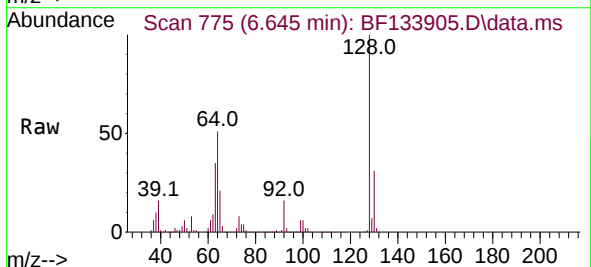
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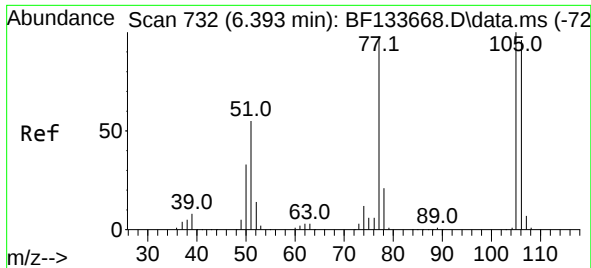
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 47.842 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Tgt Ion:128 Resp: 276944
Ion Ratio Lower Upper
128 100
130 31.3 12.3 52.3
64 51.3 33.1 73.1





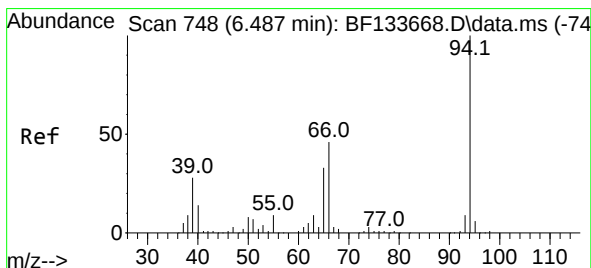
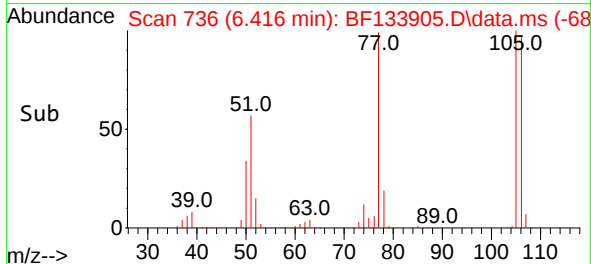
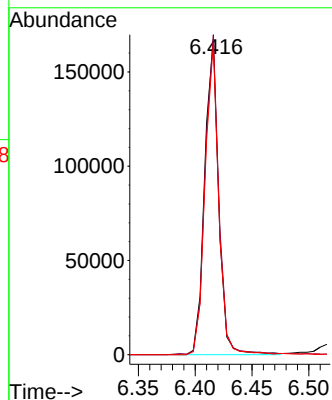
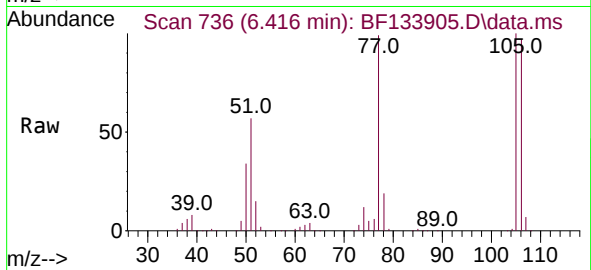
#9
Benzaldehyde
Concen: 30.202 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 14326
Ion Ratio Lower Upper
77 100
105 101.5 82.0 122.0
106 98.8 77.6 117.6

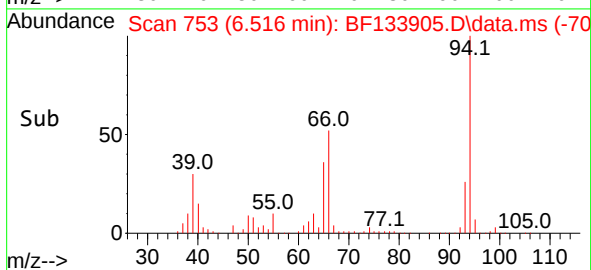
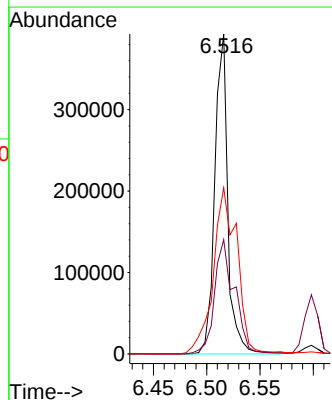
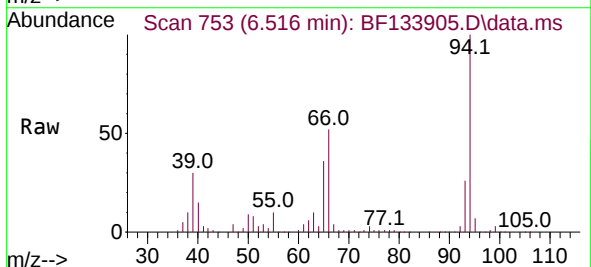
Manual Integrations
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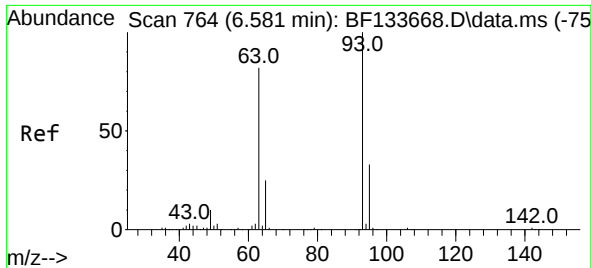
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 44.885 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Tgt Ion: 94 Resp: 335112
Ion Ratio Lower Upper
94 100
65 35.7 13.2 53.2
66 51.9 26.1 66.1





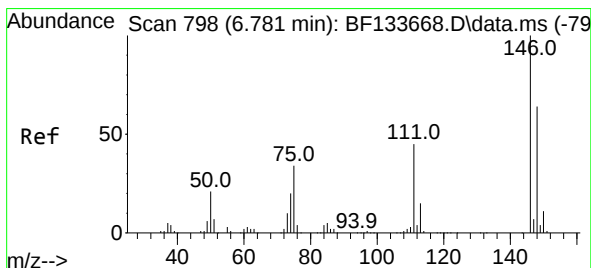
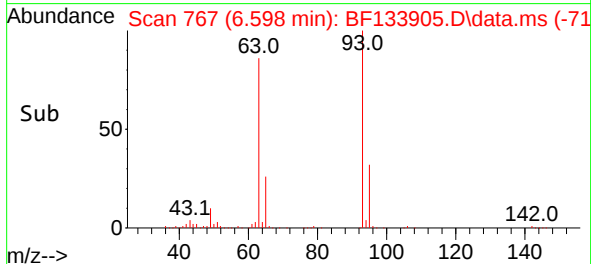
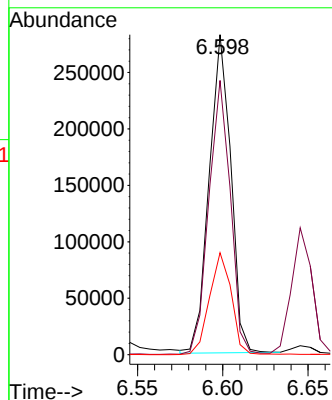
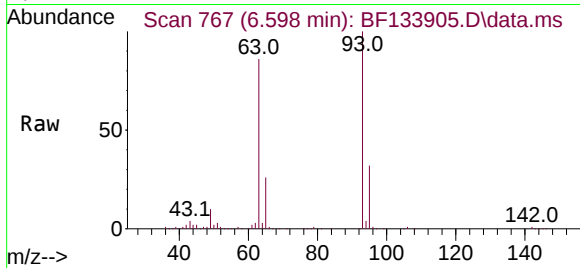
#11
bis(2-Chloroethyl)ether
Concen: 44.833 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-19MS

Tgt Ion: 93 Resp: 24849
Ion Ratio Lower Upper
93 100
63 85.7 62.1 102.1
95 31.9 13.0 53.0

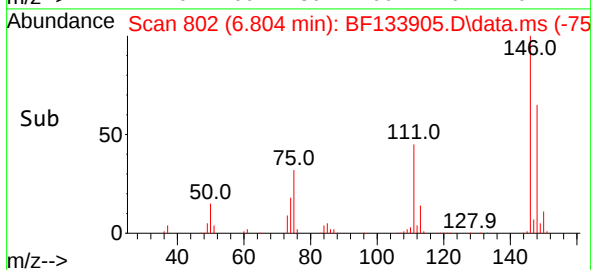
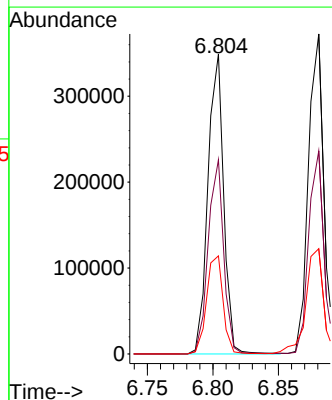
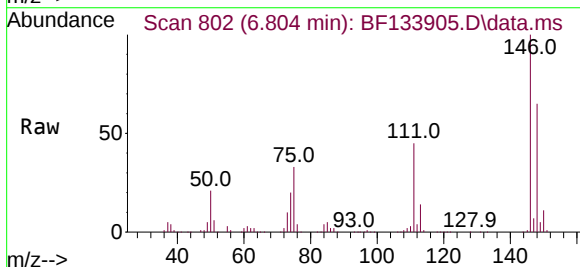
Manual Integrations
APPROVED

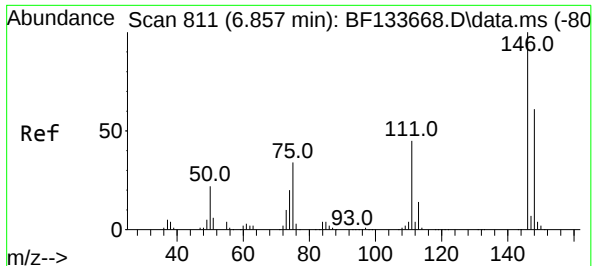
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 47.281 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Tgt Ion:146 Resp: 292427
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 32.7 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 48.593 ng

RT: 6.881 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion:146 Resp: 30376

Ion Ratio Lower Upper

146 100

148 63.5 48.9 73.3

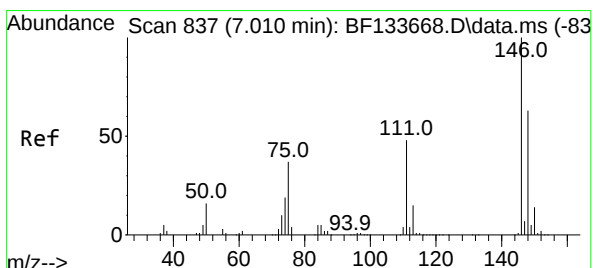
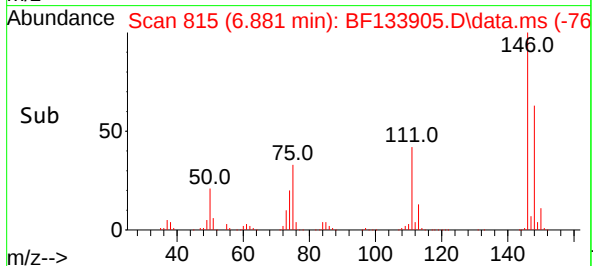
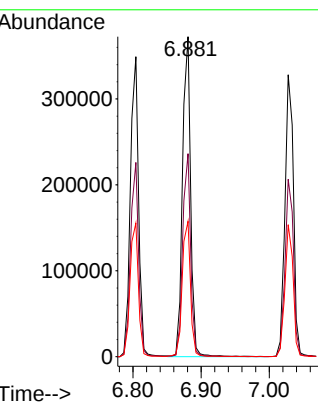
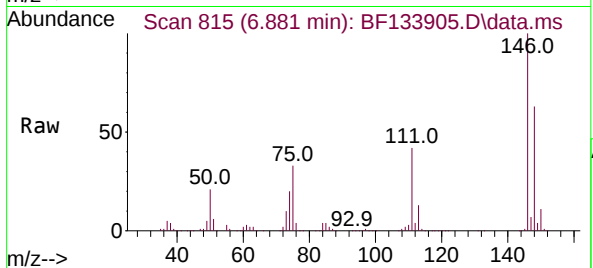
111 42.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#14

1,2-Dichlorobenzene

Concen: 50.566 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

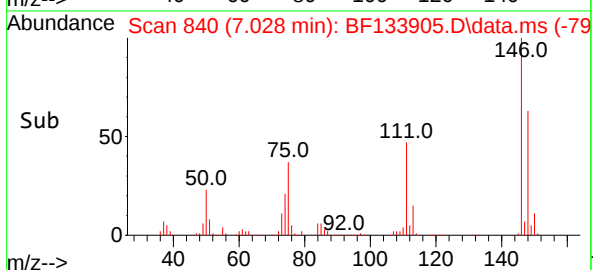
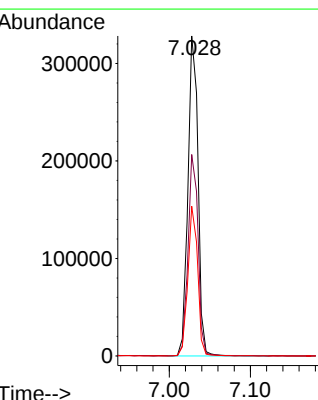
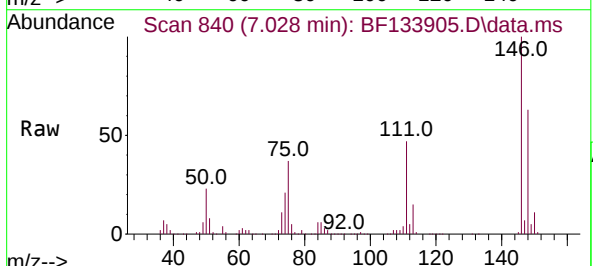
Tgt Ion:146 Resp: 285625

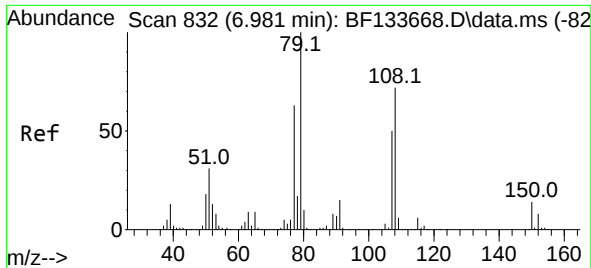
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 46.8 38.7 58.1





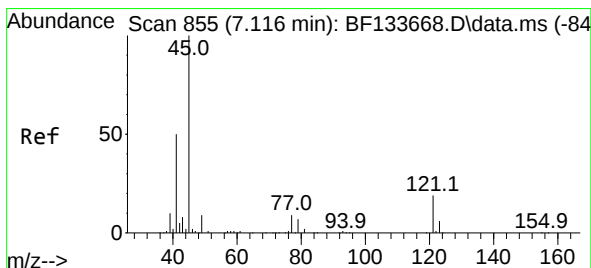
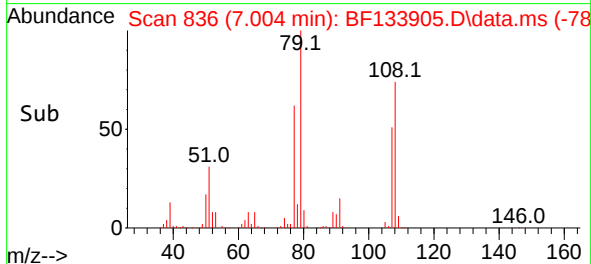
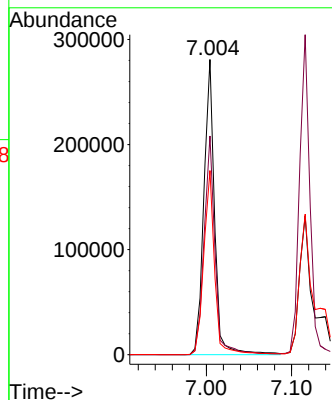
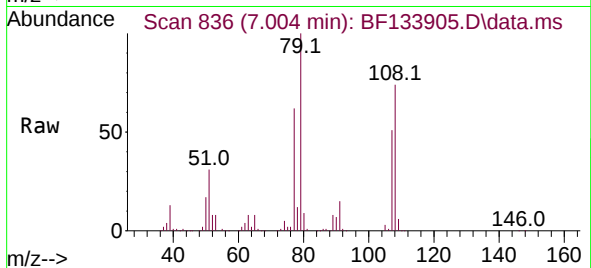
#15
Benzyl Alcohol
Concen: 44.102 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-19MS

Tgt Ion: 79 Resp: 24628
Ion Ratio Lower Upper
79 100
108 74.1 57.9 86.9
77 62.4 50.4 75.6

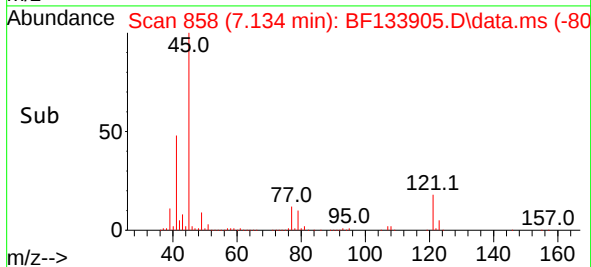
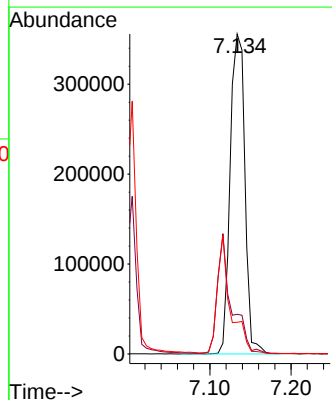
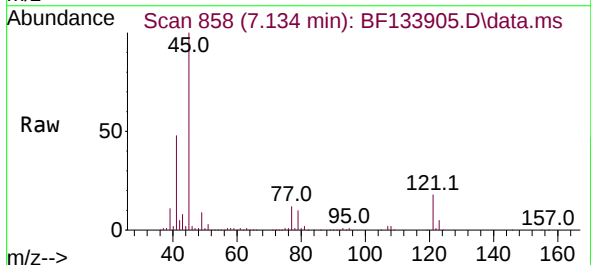
Manual Integrations
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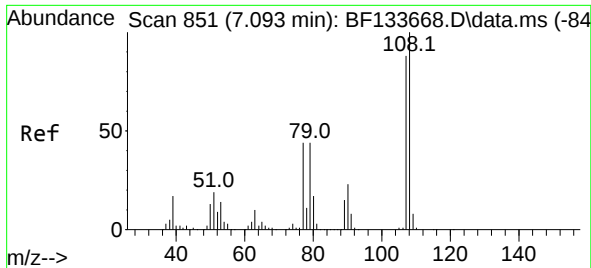
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.702 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Tgt Ion: 45 Resp: 448194
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.3
79 9.9 0.0 29.4





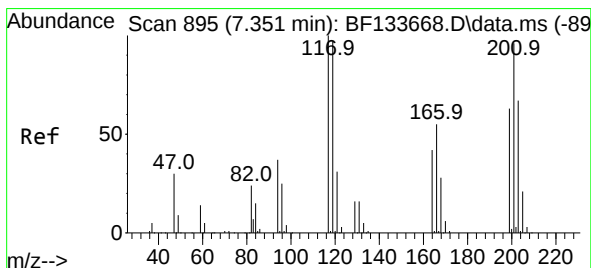
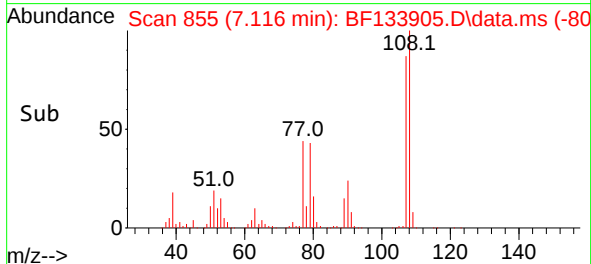
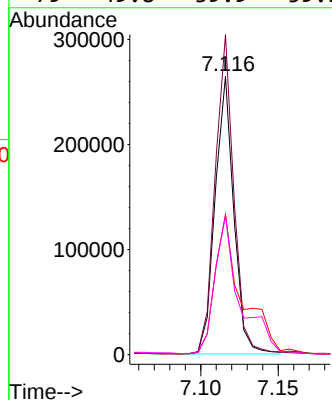
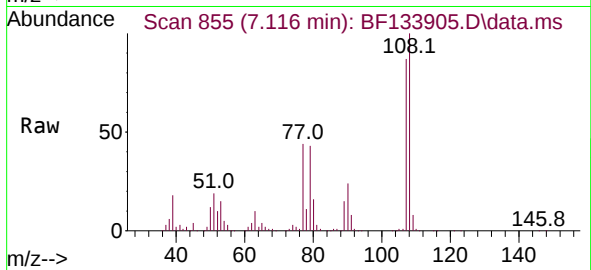
#17
2-Methylphenol
Concen: 43.357 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-19MS

Tgt Ion:107 Resp: 222458
Ion Ratio Lower Upper
107 100
108 114.9 90.9 136.3
77 50.5 39.8 59.6
79 49.8 39.9 59.9

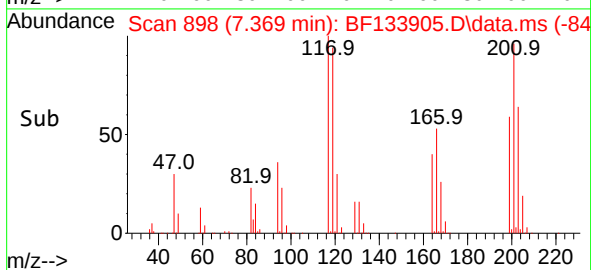
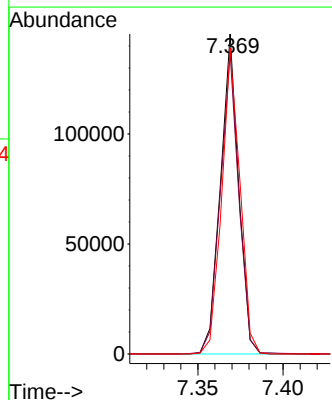
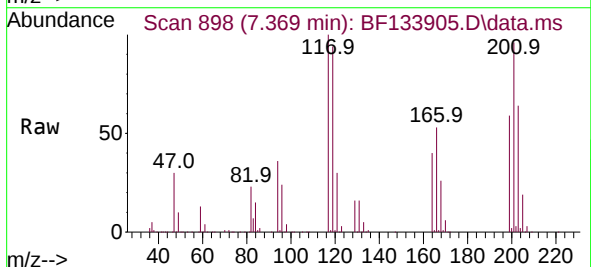
Manual Integrations
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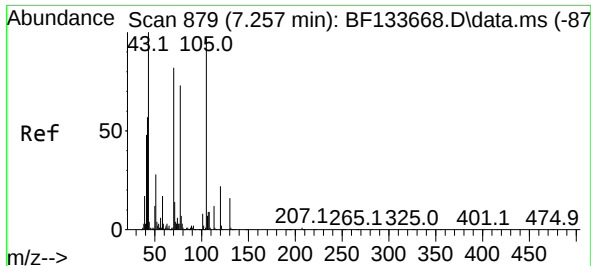
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 50.303 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

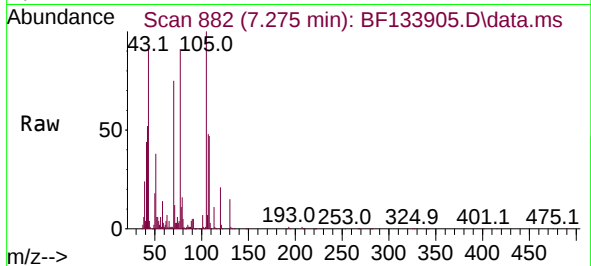
Tgt Ion:117 Resp: 107652
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
201 95.6 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.925 ng
RT: 7.275 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

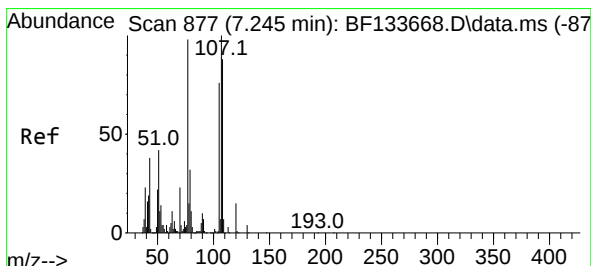
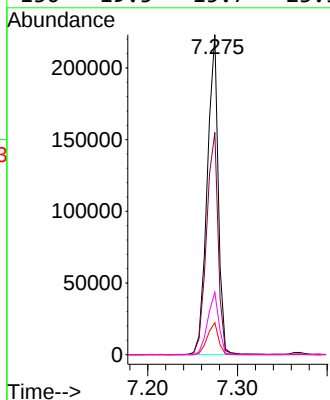
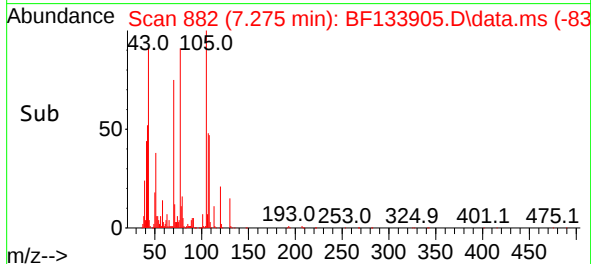
Instrument :
BNA_F
ClientSampleId :
WC-19MS



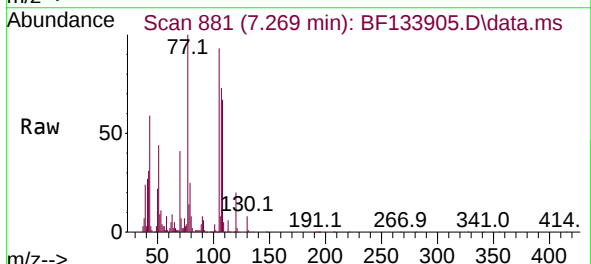
Tgt Ion: 70 Resp: 19072
Ion Ratio Lower Upper
70 100
42 69.4 55.8 83.8
101 10.0 8.1 12.1
130 19.5 15.7 23.5

Manual Integrations
APPROVED

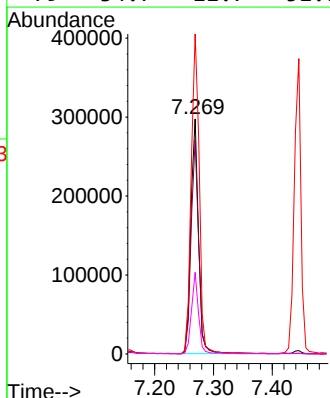
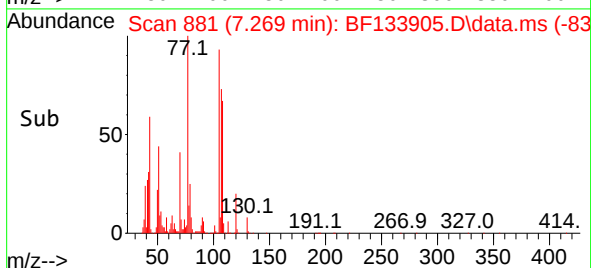
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

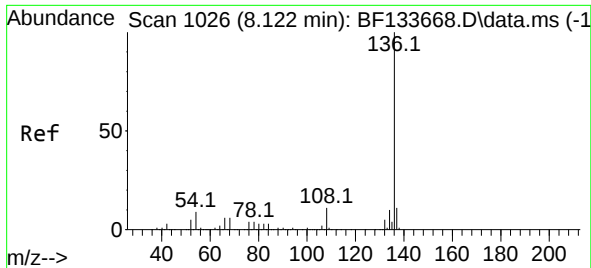


#20
3+4-Methylphenols
Concen: 40.211 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion:107 Resp: 268390
Ion Ratio Lower Upper
107 100
108 91.2 67.9 107.9
77 136.1 77.7 117.7#
79 34.7 11.7 51.7





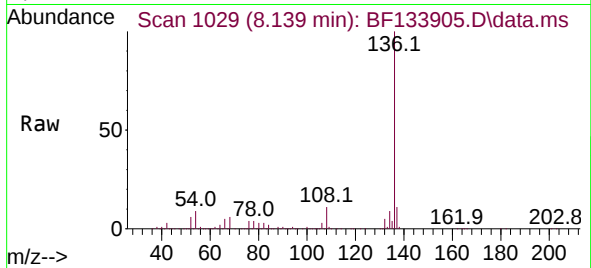
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

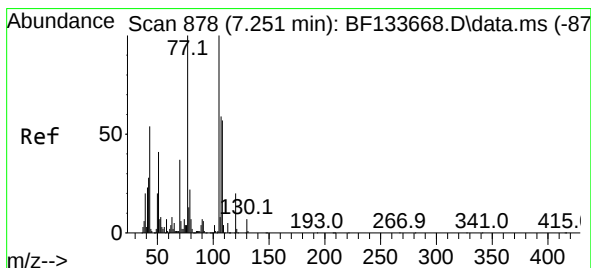
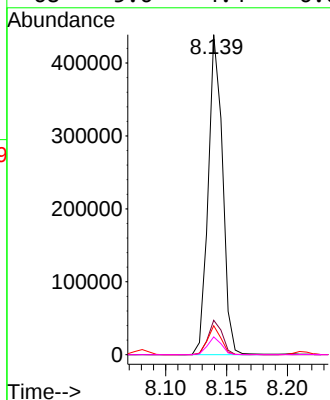
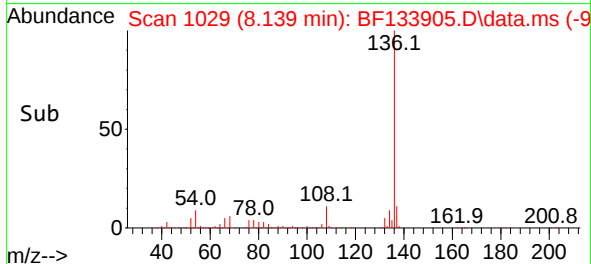


Tgt Ion:136 Resp: 359100
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.1 7.4 11.0
68 5.6 4.4 6.6

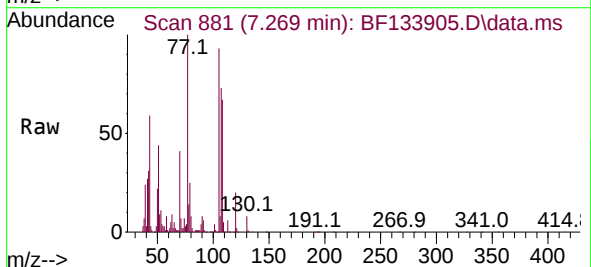
Manual Integrations

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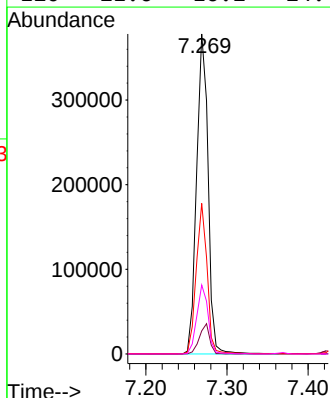
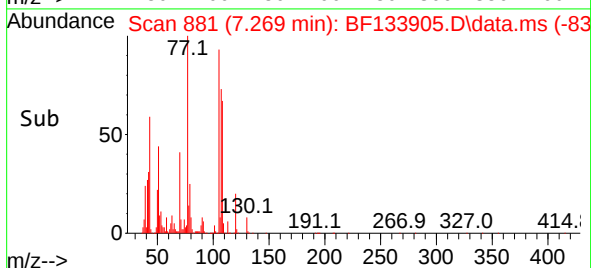
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

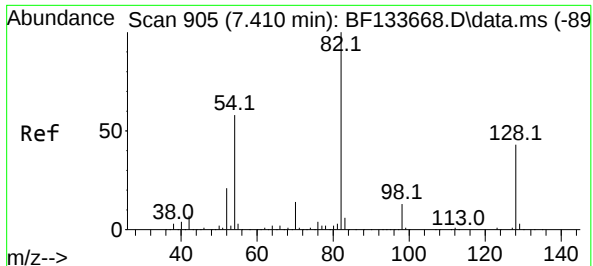


#22
Acetophenone
Concen: 45.384 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion:105 Resp: 373788
Ion Ratio Lower Upper
105 100
71 7.2 4.8 7.2#
51 47.1 33.0 49.4
120 21.6 16.2 24.4





#23

Nitrobenzene-d5

Concen: 60.741 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion: 82 Resp: 400465

Ion Ratio Lower Upper

82 100

128 42.4 34.2 51.2

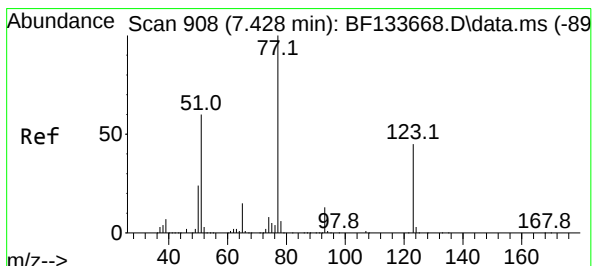
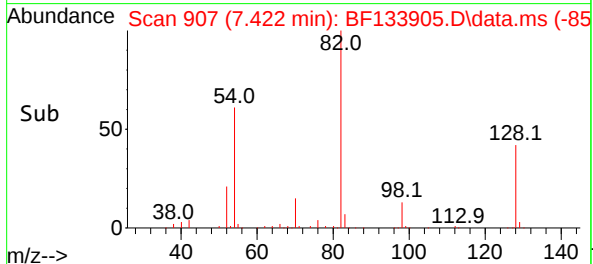
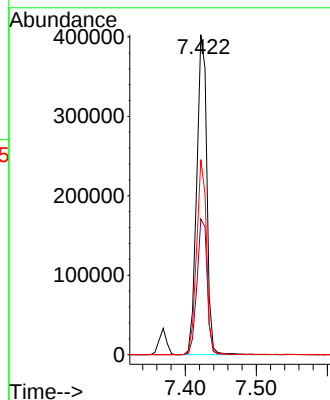
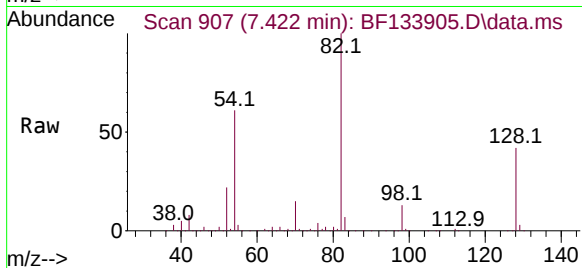
54 61.0 46.5 69.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#24

Nitrobenzene

Concen: 44.765 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

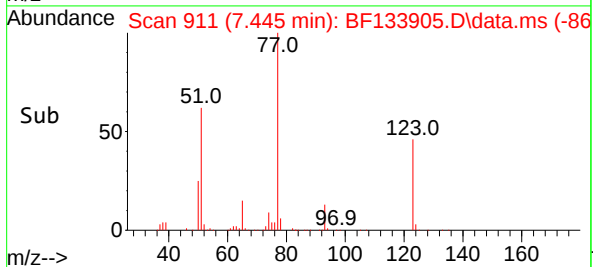
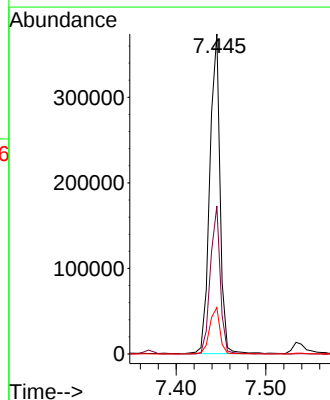
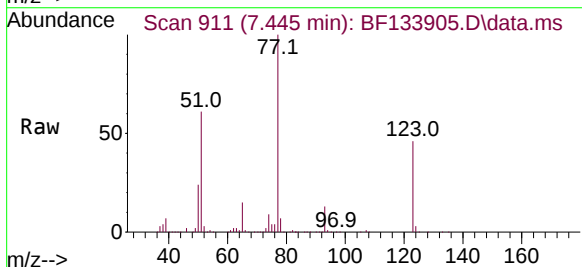
Tgt Ion: 77 Resp: 297181

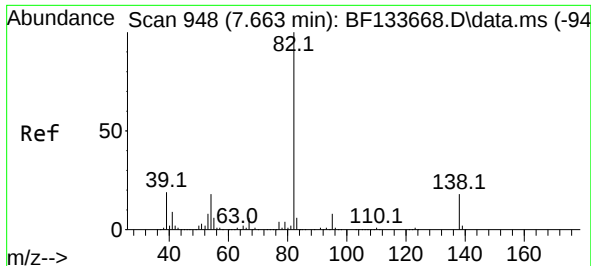
Ion Ratio Lower Upper

77 100

123 46.2 35.8 53.8

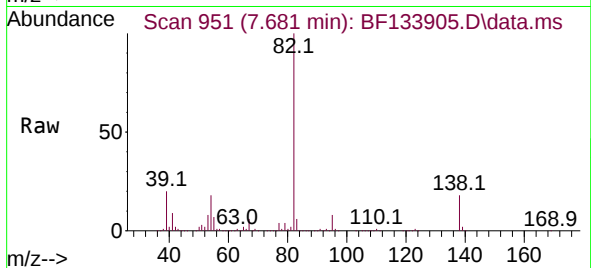
65 14.5 11.6 17.4





#25
Isophorone
Concen: 43.905 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

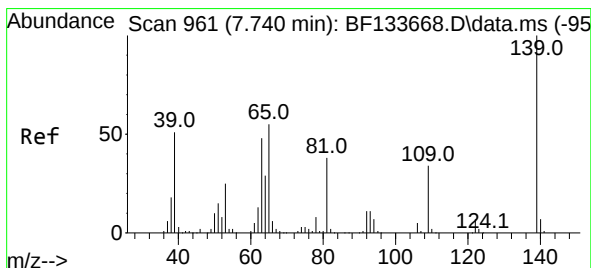
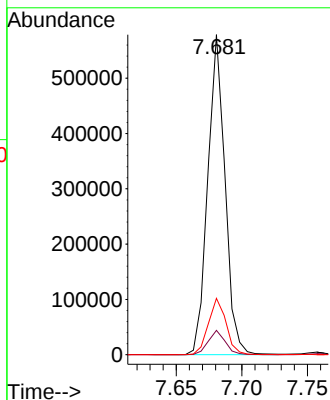
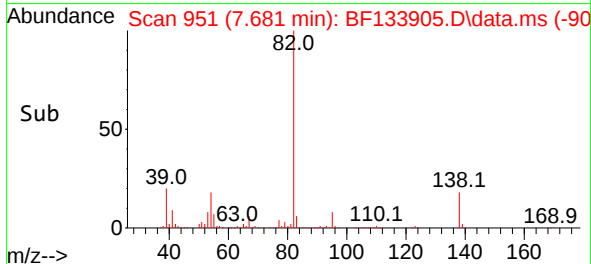
Instrument :
BNA_F
Client SampleId :
WC-19MS



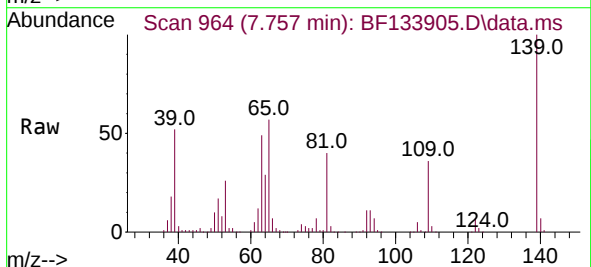
Tgt Ion: 82 Resp: 531420
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 17.6 14.2 21.2

Manual Integrations
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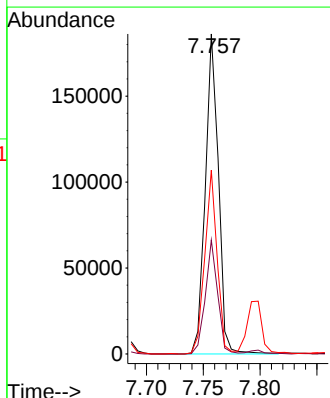
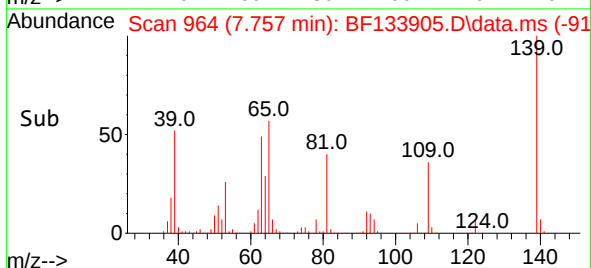
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

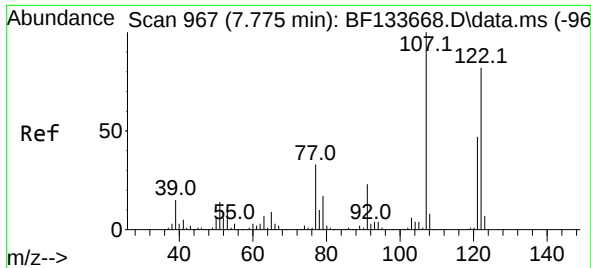


#26
2-Nitrophenol
Concen: 49.855 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



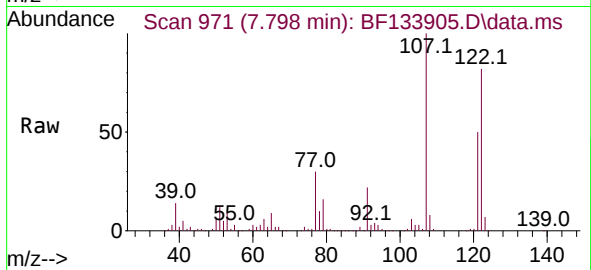
Tgt Ion:139 Resp: 148539
Ion Ratio Lower Upper
139 100
109 35.6 27.0 40.6
65 57.4 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 46.915 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

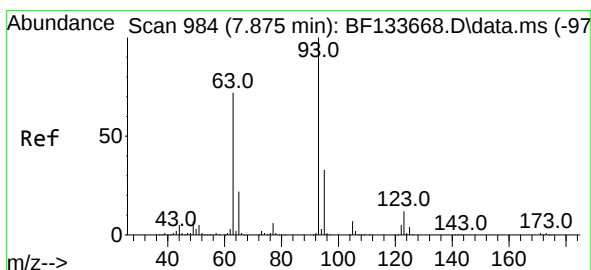
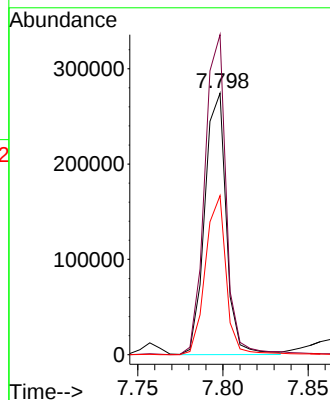
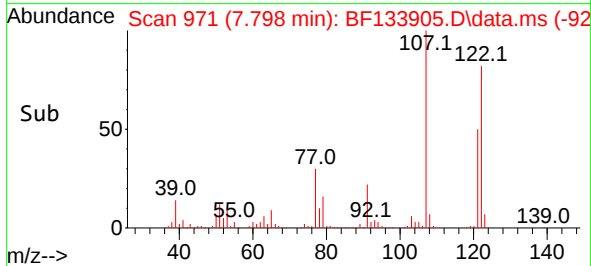
Instrument :
BNA_F
ClientSampleId :
WC-19MS



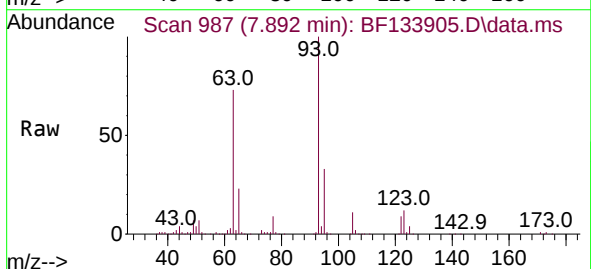
Tgt Ion:122 Resp: 240924
Ion Ratio Lower Upper
122 100
107 122.4 97.8 146.6
121 60.9 46.1 69.1

Manual Integrations
APPROVED

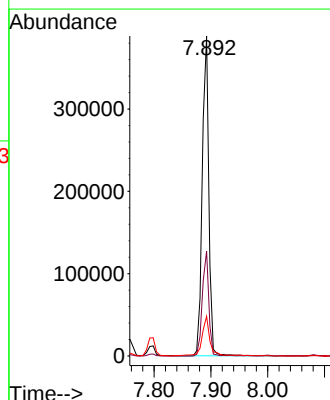
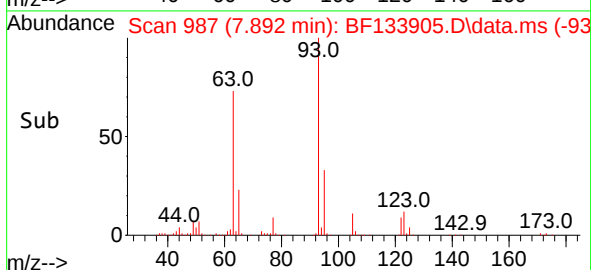
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

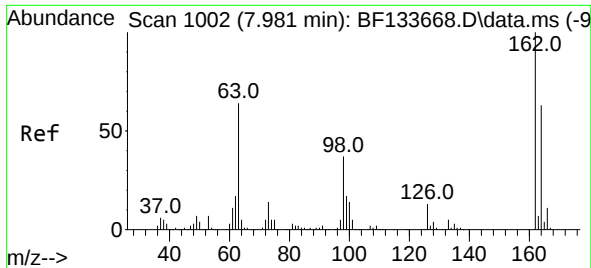


#28
bis(2-Chloroethoxy)methane
Concen: 44.579 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion: 93 Resp: 311858
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.397 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

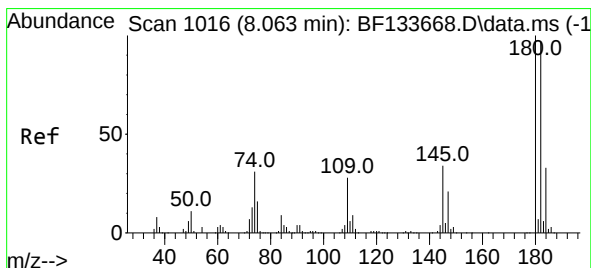
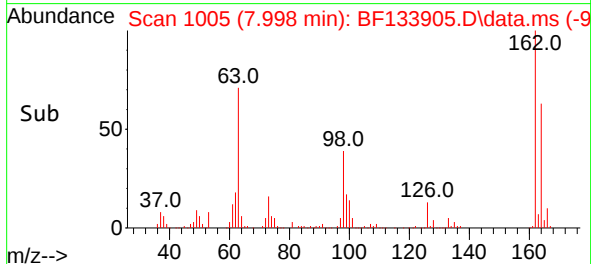
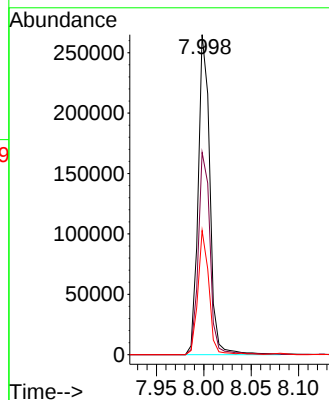
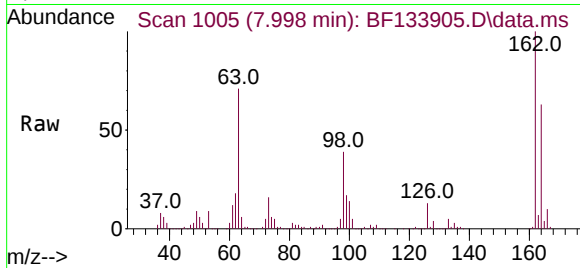
Tgt Ion:	162	Resp:	22848
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.4	83.4
98	38.8	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.660 ng

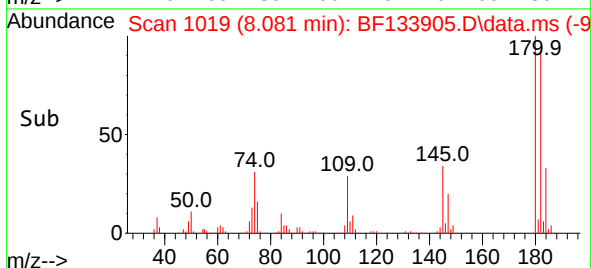
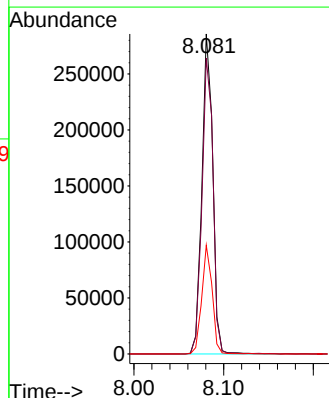
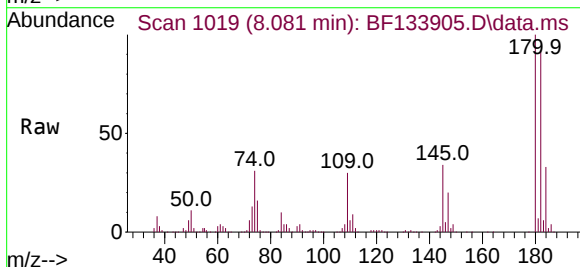
RT: 8.081 min Scan# 1019

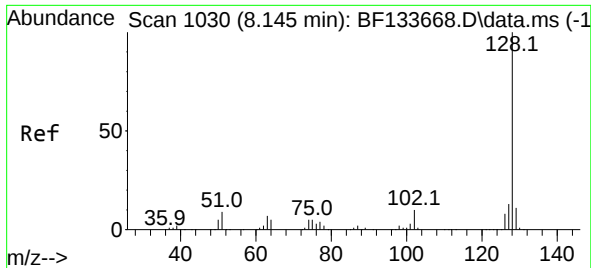
Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

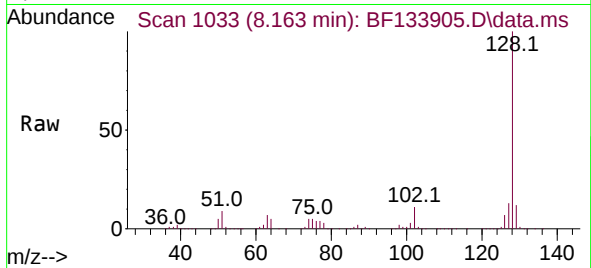
Tgt Ion:	180	Resp:	239766
Ion Ratio	Lower	Upper	
180	100		
182	92.4	77.8	116.8
145	34.0	27.0	40.4





#31
Naphthalene
Concen: 43.297 ng
RT: 8.163 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

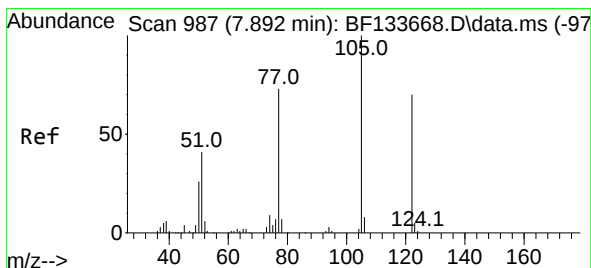
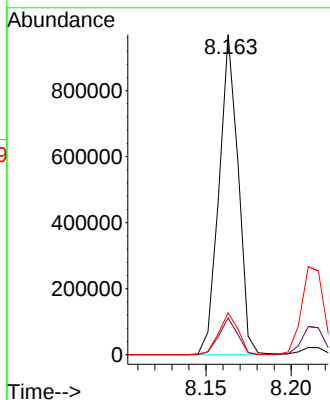
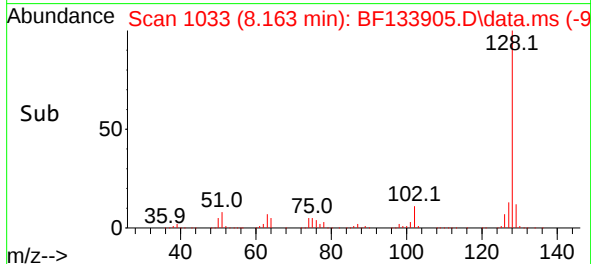
Instrument :
BNA_F
ClientSampleId :
WC-19MS



Tgt Ion:128 Resp: 757489
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.1 10.5 15.7

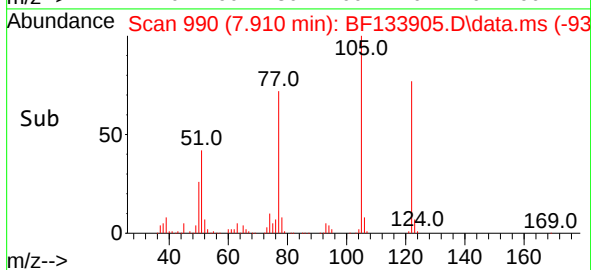
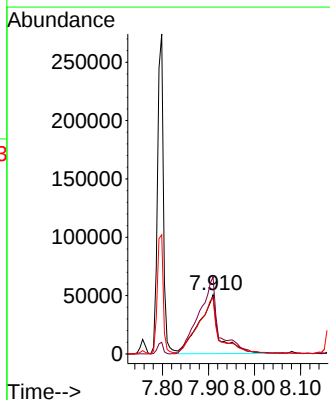
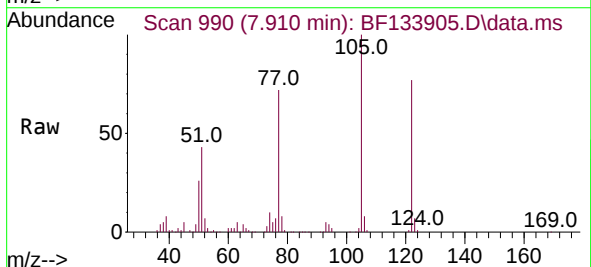
Manual Integrations
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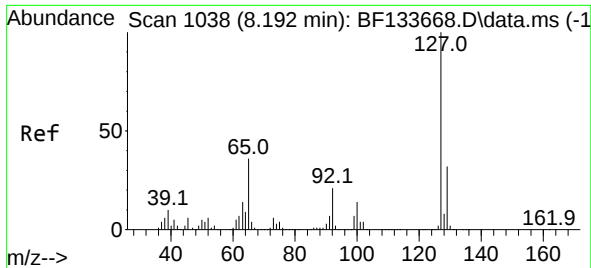
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#32
Benzoic acid
Concen: 48.141 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Tgt Ion:122 Resp: 155916
Ion Ratio Lower Upper
122 100
105 130.3 116.3 156.3
77 94.3 82.4 122.4





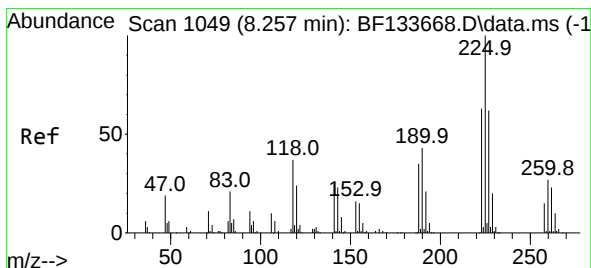
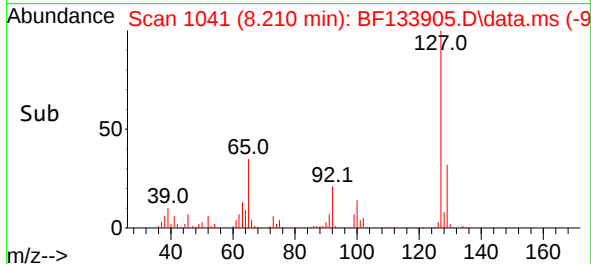
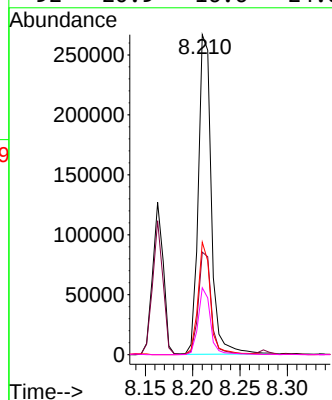
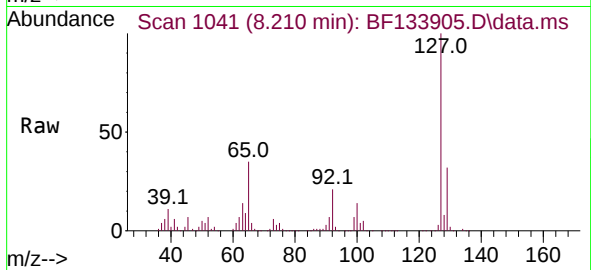
#33
4-Chloroaniline
Concen: 34.218 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-19MS

Tgt Ion:	127	Resp:	25597
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.6	38.4
65	35.2	28.9	43.3
92	20.9	16.6	24.8

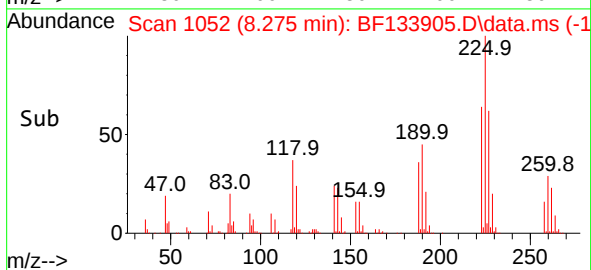
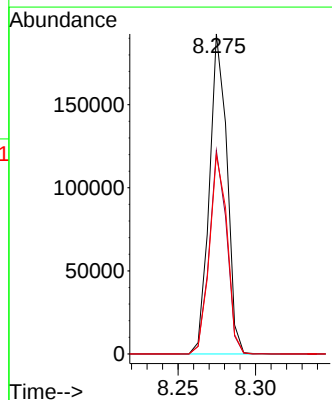
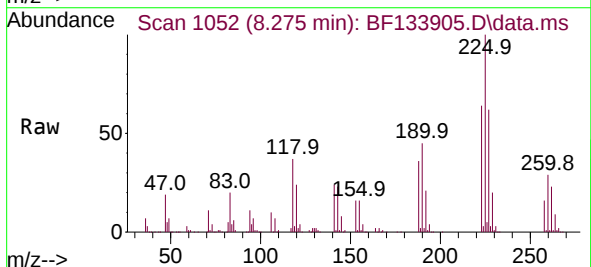
Manual Integrations
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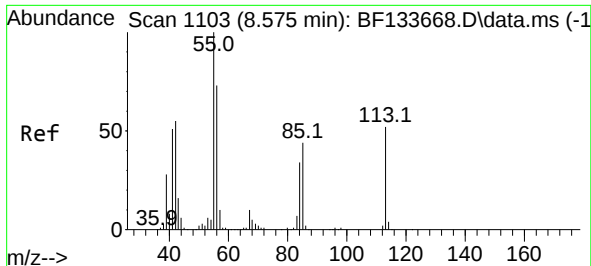
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#34
Hexachlorobutadiene
Concen: 44.071 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

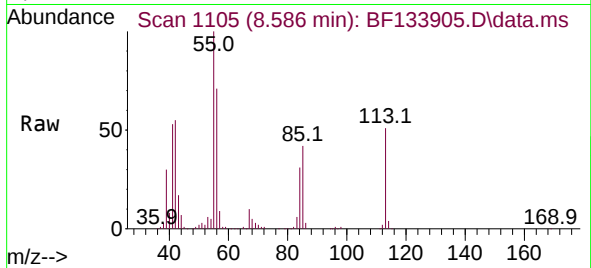
Tgt Ion:	225	Resp:	151516
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.2	75.4
227	62.2	49.5	74.3





#35
 Caprolactam
 Concen: 45.211 ng m
 RT: 8.586 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF133905.D
 Acq: 22 Jun 2023 17:09

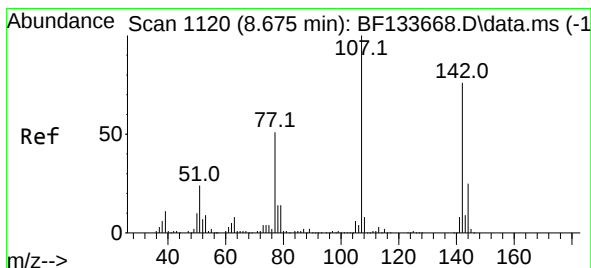
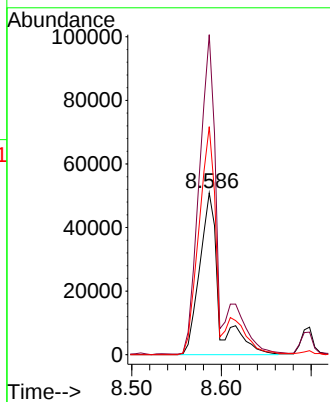
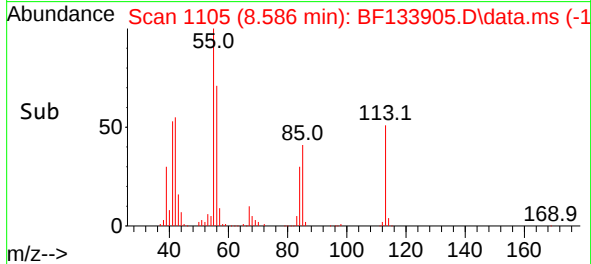
Instrument :
 BNA_F
 ClientSampleId :
 WC-19MS



Tgt Ion:113 Resp: 7656
 Ion Ratio Lower Upper
 113 100
 55 197.9 173.3 213.3
 56 141.0 120.5 160.5

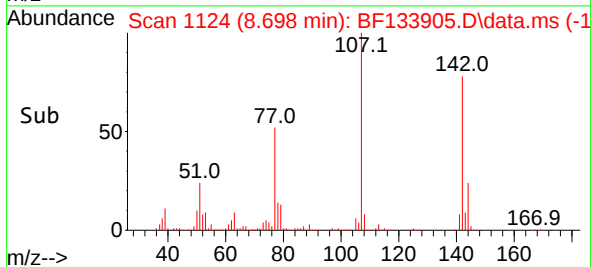
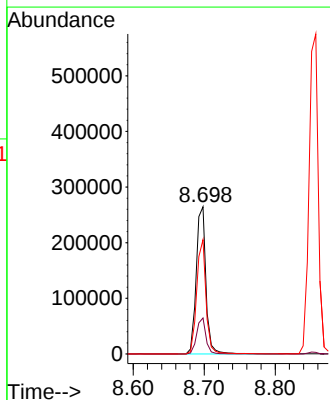
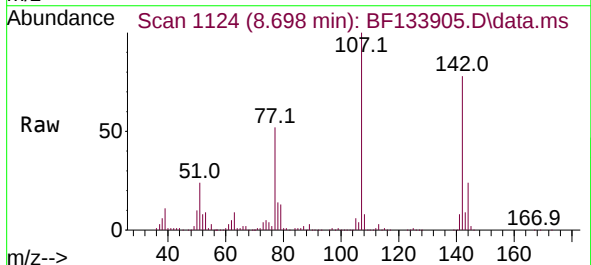
Manual Integrations
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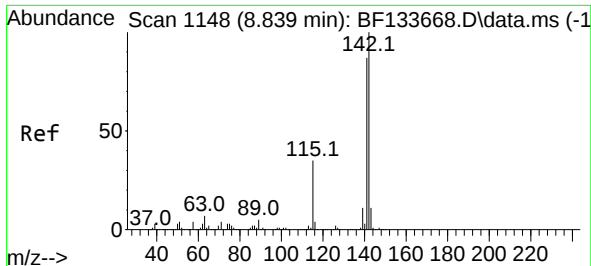
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.606 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF133905.D
 Acq: 22 Jun 2023 17:09

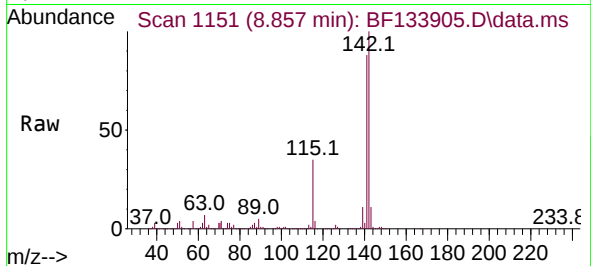
Tgt Ion:107 Resp: 252973
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.7 29.5
 142 77.6 61.1 91.7





#37
2-Methylnaphthalene
Concen: 42.306 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

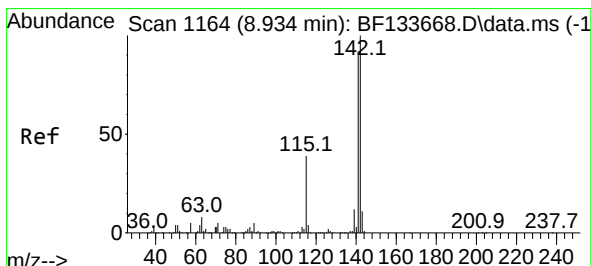
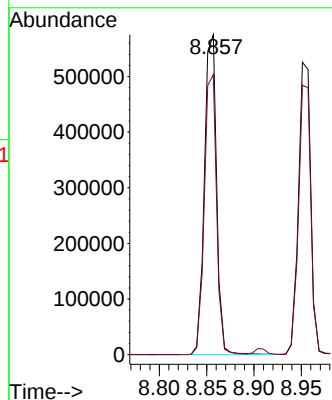
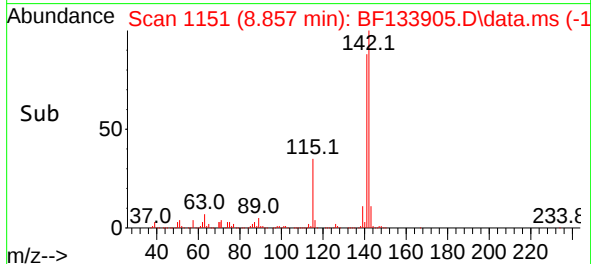
Instrument :
BNA_F
ClientSampleId :
WC-19MS



Tgt Ion:142 Resp: 514272
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.8

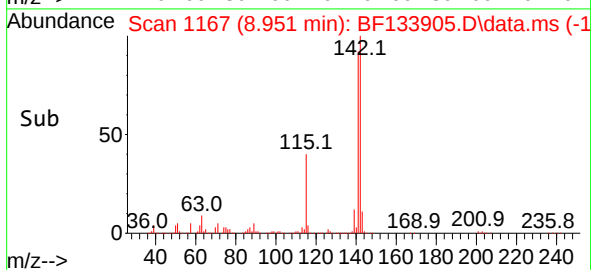
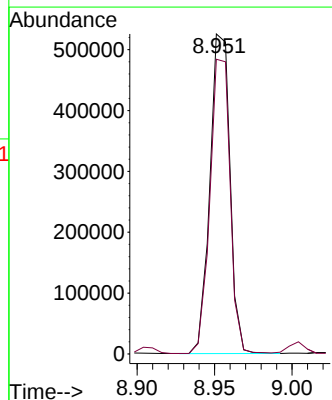
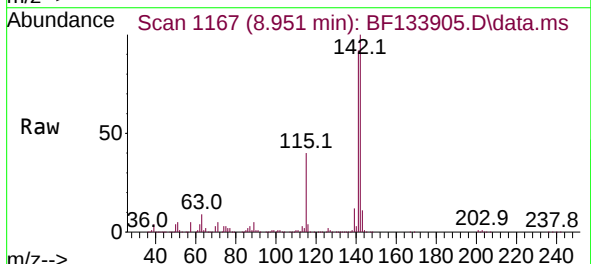
Manual Integrations
APPROVED

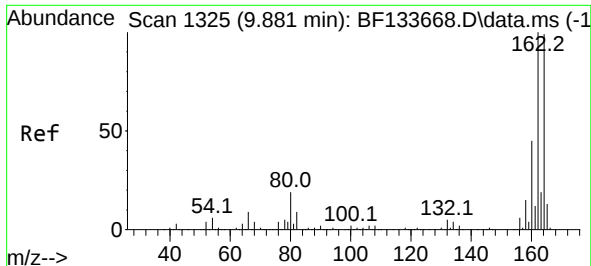
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#38
1-Methylnaphthalene
Concen: 42.282 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Tgt Ion:142 Resp: 472957
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion:164 Resp: 168480

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

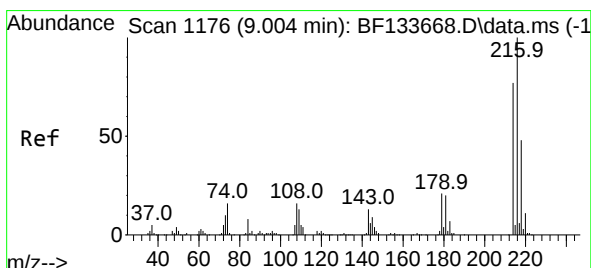
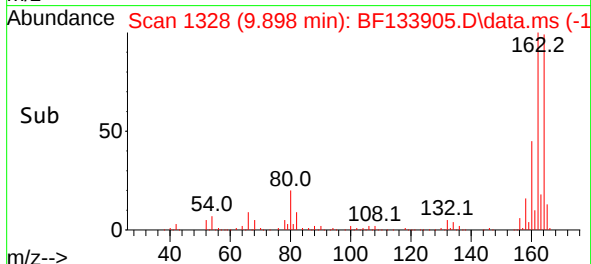
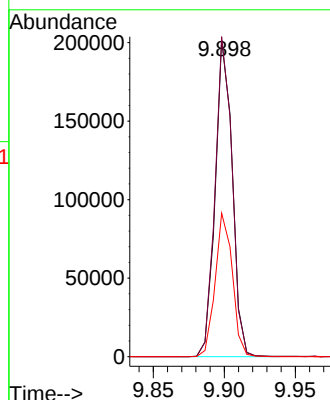
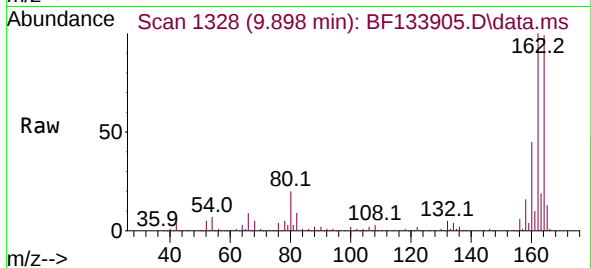
160 45.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.551 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Tgt Ion:216 Resp: 243553

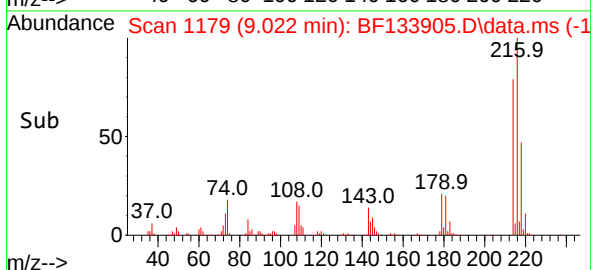
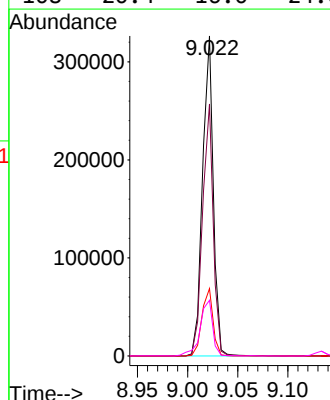
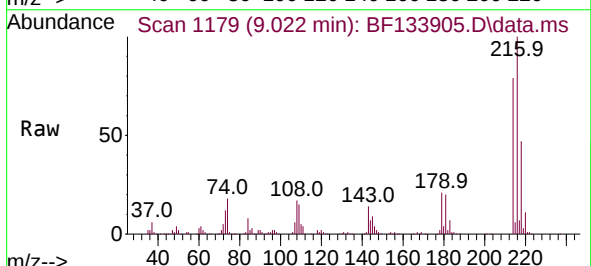
Ion Ratio Lower Upper

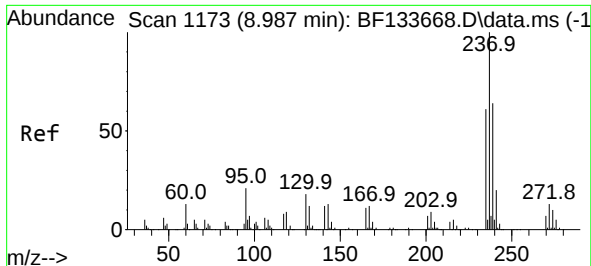
216 100

214 79.0 62.7 94.1

179 21.7 17.6 26.4

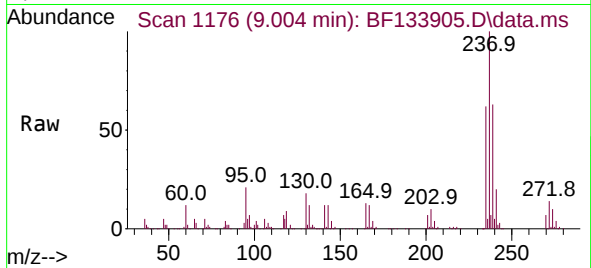
108 20.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 52.933 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

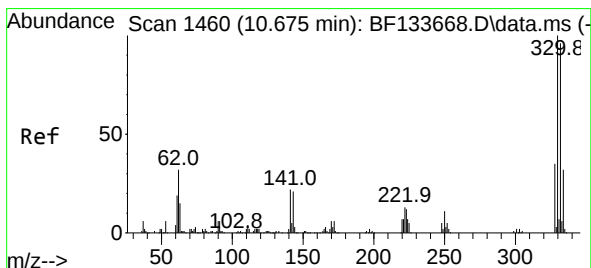
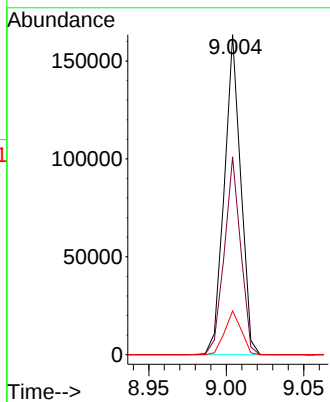
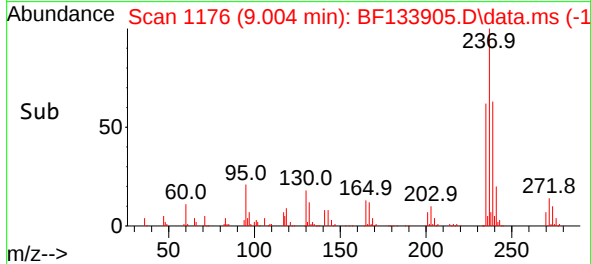
Instrument :
BNA_F
ClientSampleId :
WC-19MS



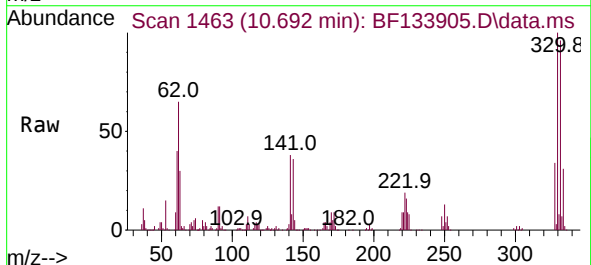
Tgt Ion:237 Resp: 120820
Ion Ratio Lower Upper
237 100
235 61.8 40.6 80.6
272 13.7 0.0 32.6

Manual Integrations
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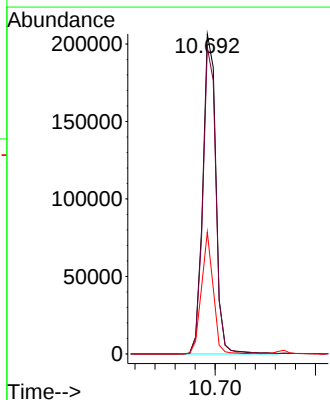
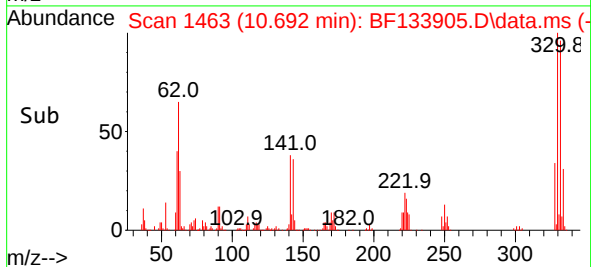
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

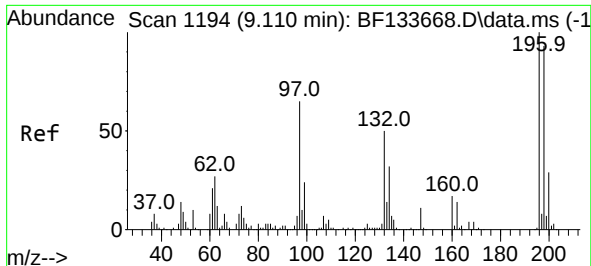


#42
2,4,6-Tribromophenol
Concen: 88.233 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



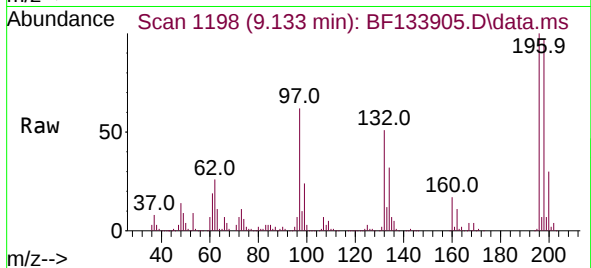
Tgt Ion:330 Resp: 188170
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 34.1 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 46.307 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

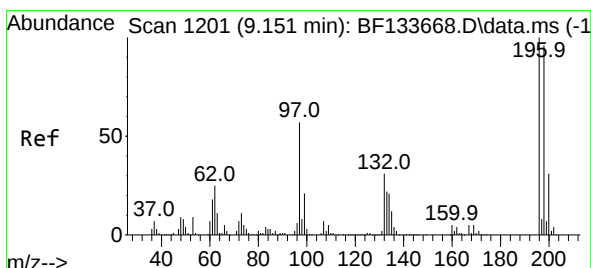
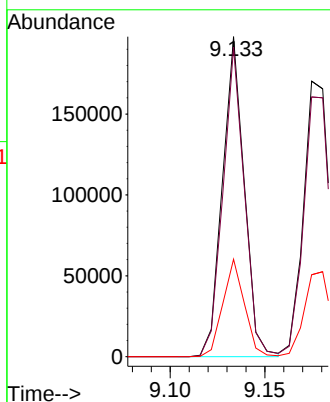
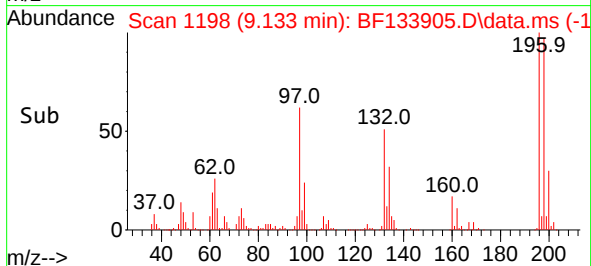
Instrument :
BNA_F
ClientSampleId :
WC-19MS



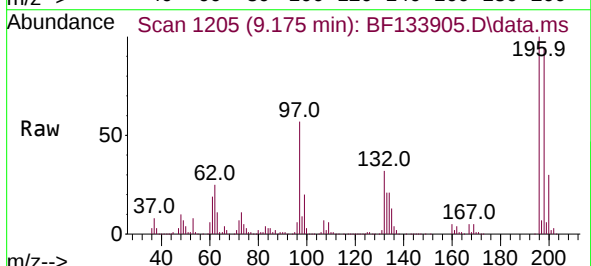
Tgt Ion:196 Resp: 158490
Ion Ratio Lower Upper
196 100
198 96.8 74.5 111.7
200 30.4 22.9 34.3

Manual Integrations
APPROVED

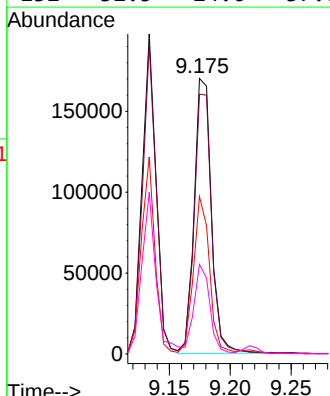
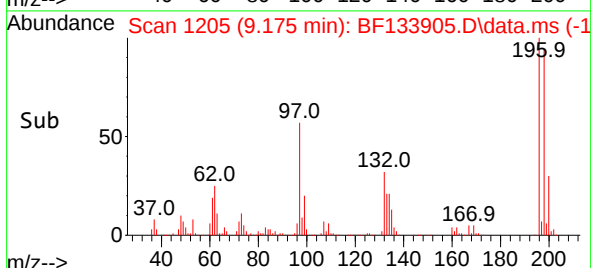
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

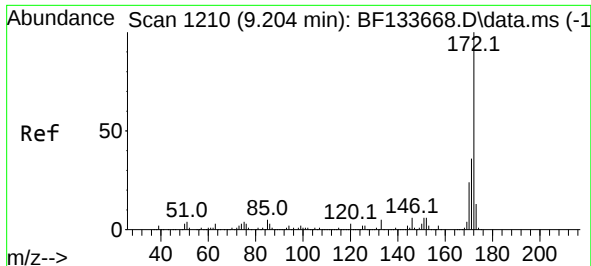


#44
2,4,5-Trichlorophenol
Concen: 42.331 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



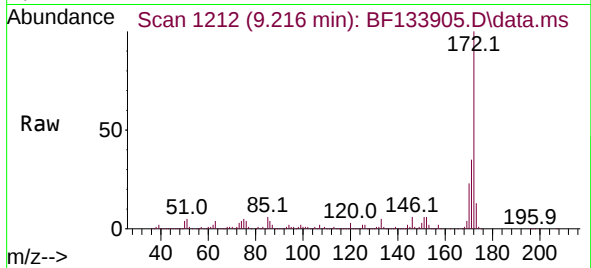
Tgt Ion:196 Resp: 168558
Ion Ratio Lower Upper
196 100
198 94.2 76.8 115.2
97 57.2 45.4 68.2
132 32.5 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 66.184 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

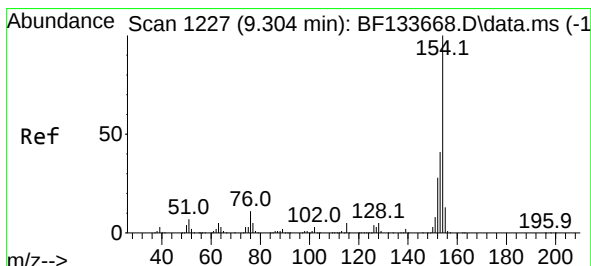
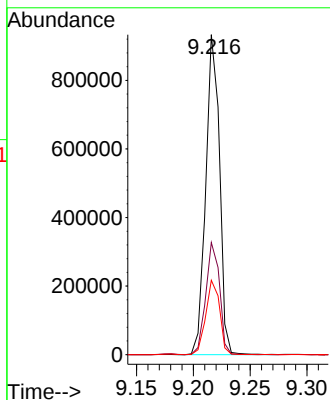
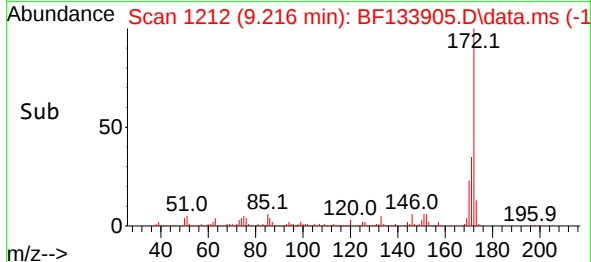
Instrument :
BNA_F
ClientSampleId :
WC-19MS



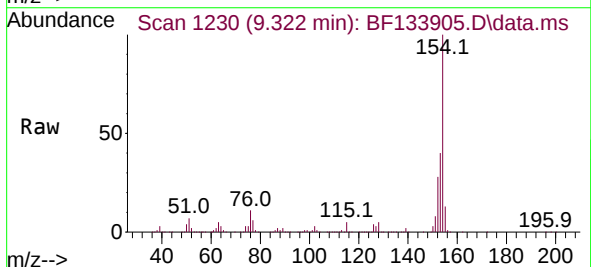
Tgt Ion:172 Resp: 78442
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.2 19.1 28.7

Manual Integrations
APPROVED

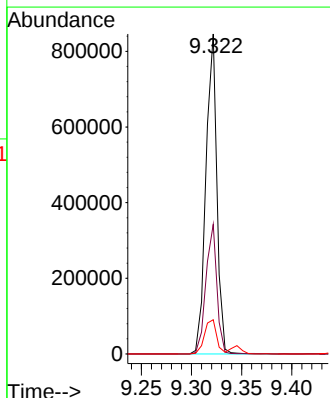
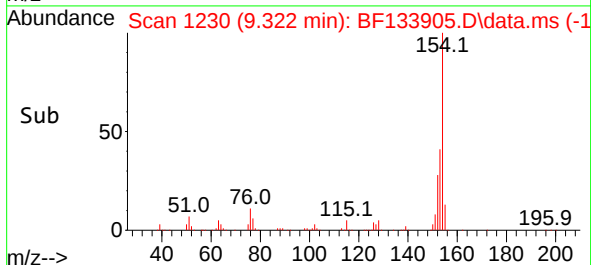
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

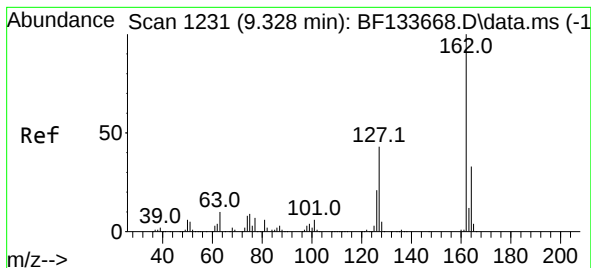


#46
1,1'-Biphenyl
Concen: 47.654 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion:154 Resp: 647534
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 10.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.570 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion:162 Resp: 46366

Ion Ratio Lower Upper

162 100

127 43.5 34.6 52.0

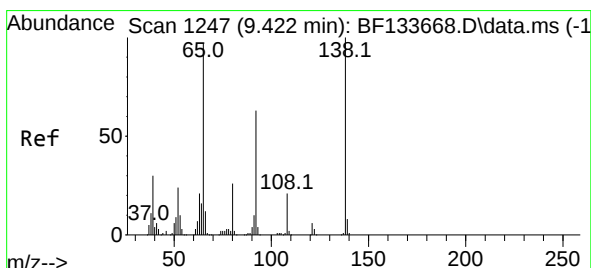
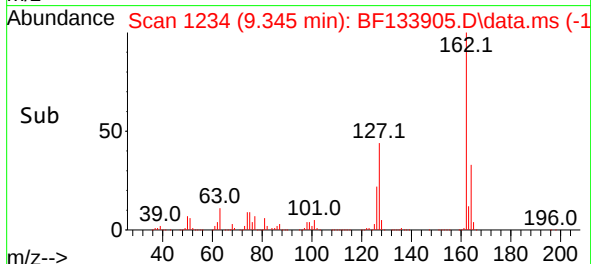
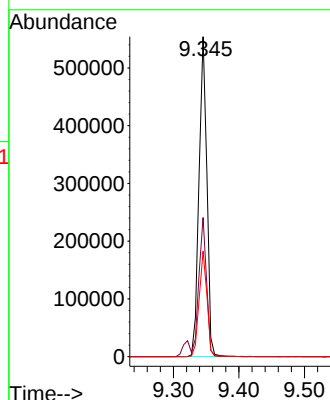
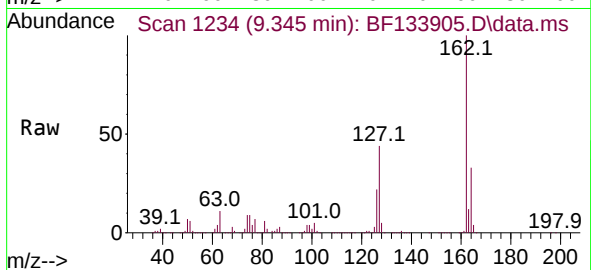
164 32.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#48

2-Nitroaniline

Concen: 44.895 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

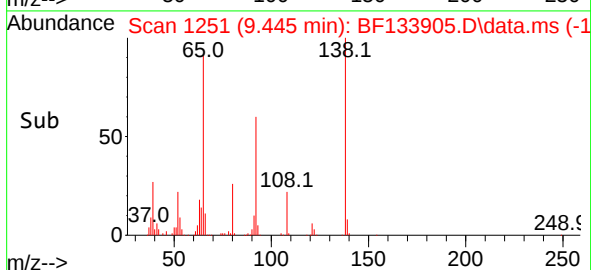
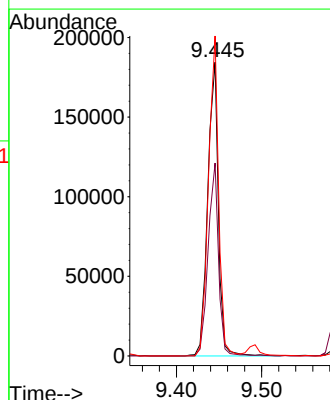
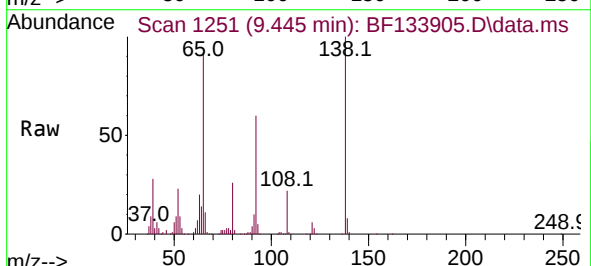
Tgt Ion: 65 Resp: 160039

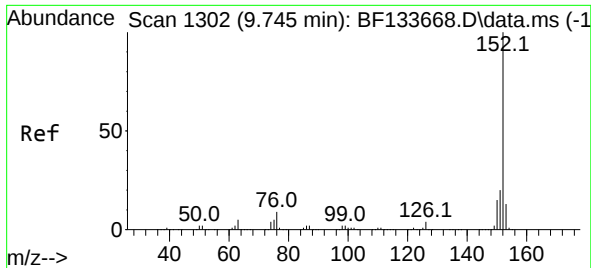
Ion Ratio Lower Upper

65 100

92 65.7 51.8 77.6

138 108.9 82.1 123.1





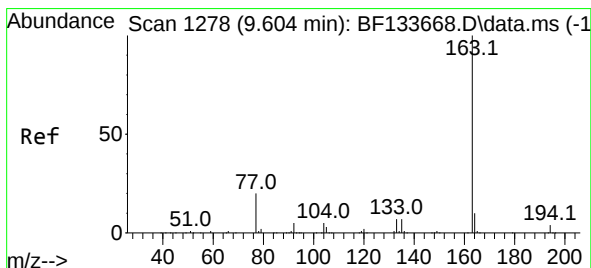
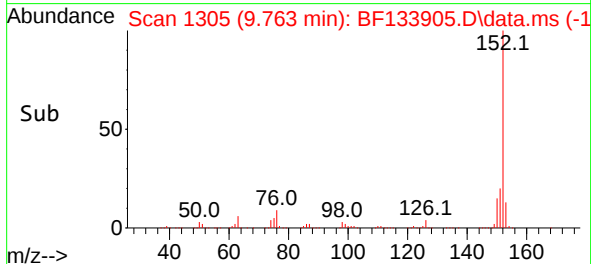
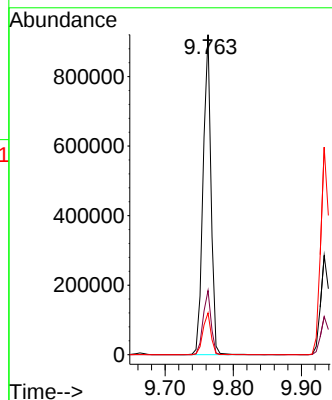
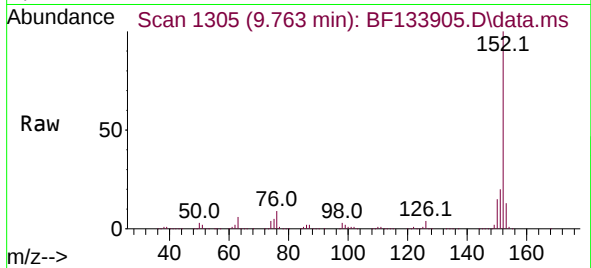
#49
Acenaphthylene
Concen: 43.919 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-19MS

Tgt Ion:152 Resp: 74507
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.0 10.4 15.6

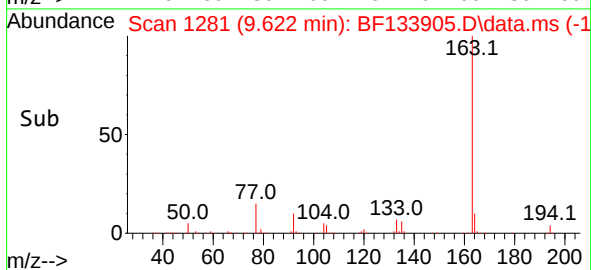
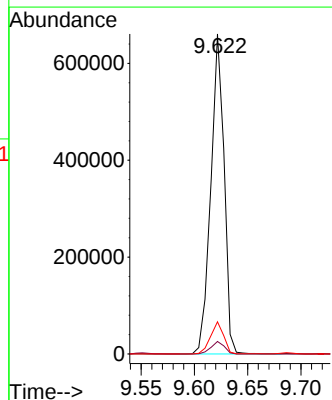
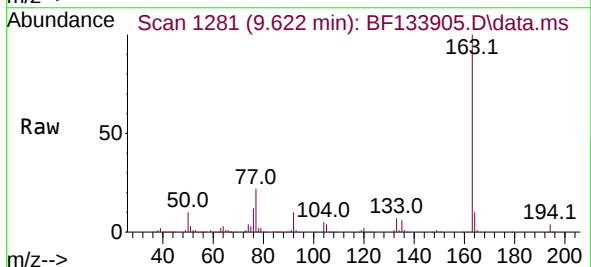
Manual Integrations
APPROVED

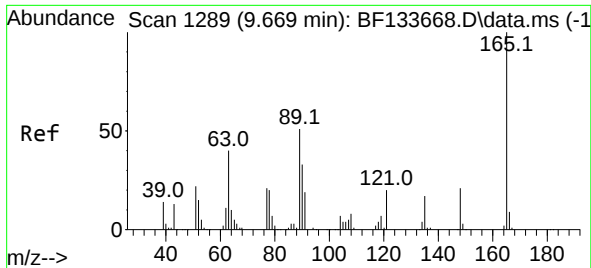
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#50
Dimethylphthalate
Concen: 45.559 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

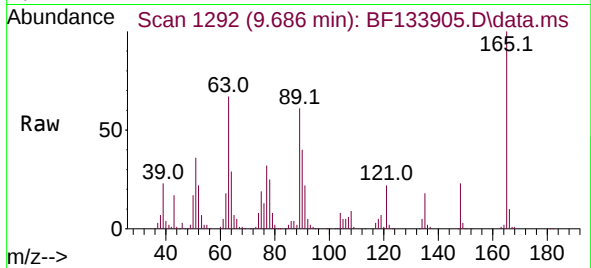
Tgt Ion:163 Resp: 572942
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.595 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

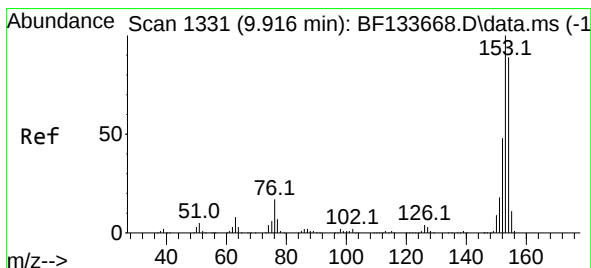
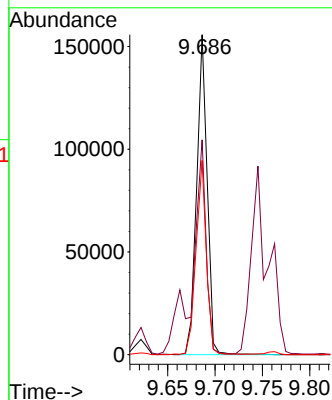
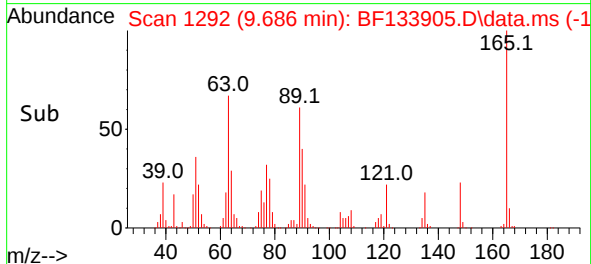
Instrument :
BNA_F
ClientSampleId :
WC-19MS



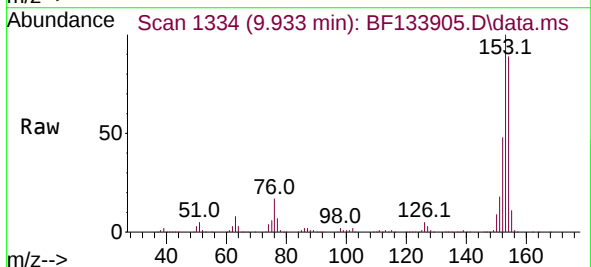
Tgt Ion:165 Resp: 120945
Ion Ratio Lower Upper
165 100
63 67.1 42.1 63.1
89 60.7 40.9 61.3

Manual Integrations
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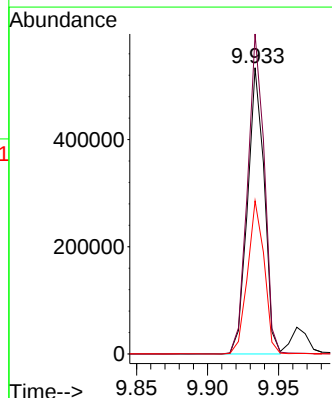
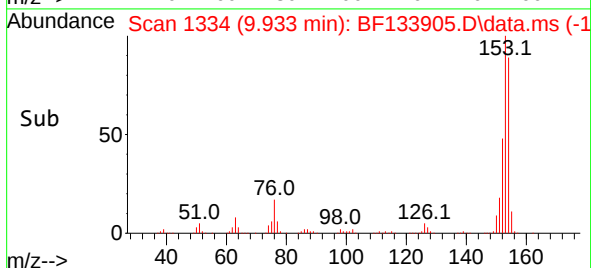
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

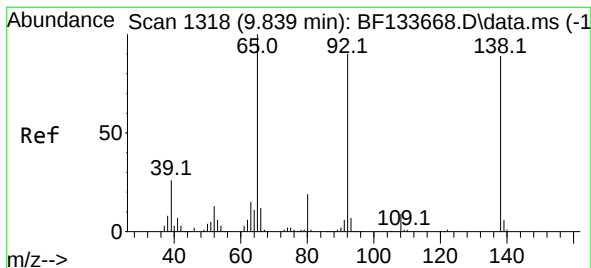


#52
Acenaphthene
Concen: 44.071 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion:154 Resp: 437623
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.8
152 53.5 43.4 65.2





#53

3-Nitroaniline

Concen: 39.815 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion:138 Resp: 125769

Ion Ratio Lower Upper

138 100

108 11.1 8.2 12.4

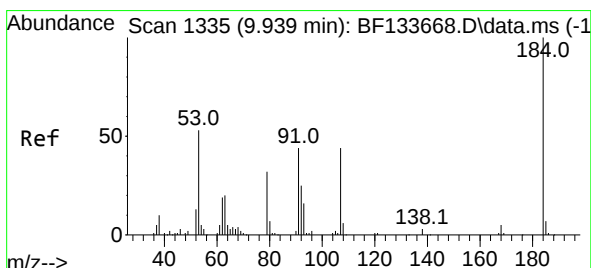
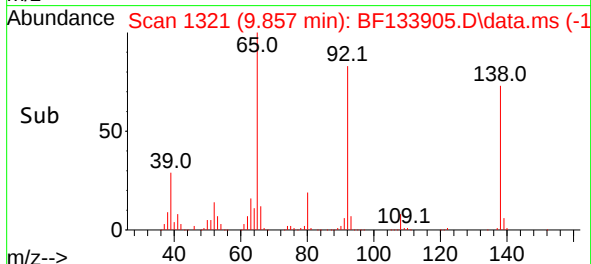
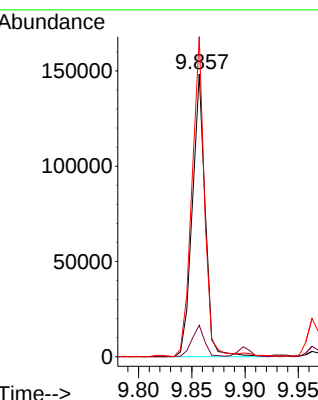
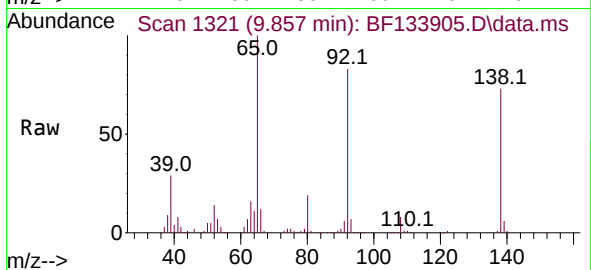
92 113.2 81.0 121.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#54

2,4-Dinitrophenol

Concen: 51.722 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

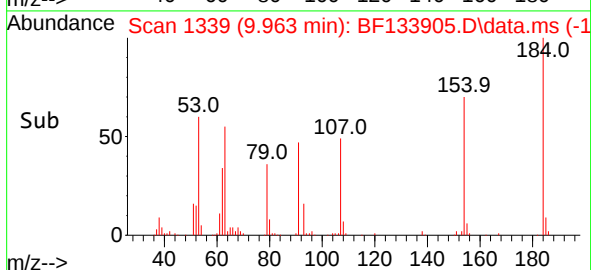
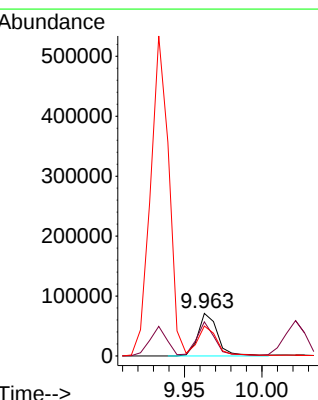
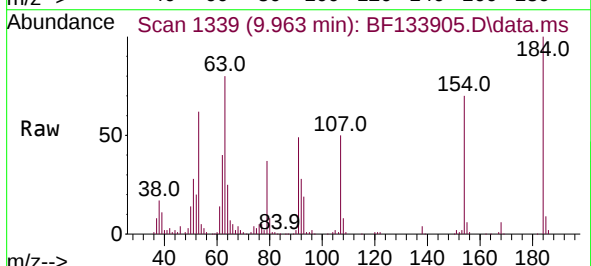
Tgt Ion:184 Resp: 62846

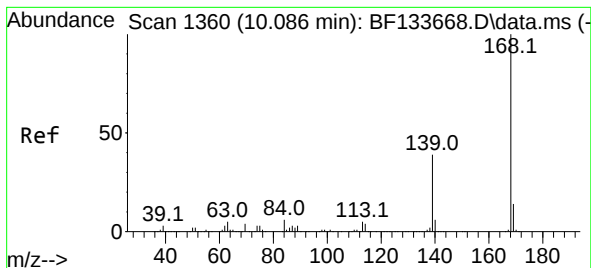
Ion Ratio Lower Upper

184 100

63 79.8 55.3 82.9

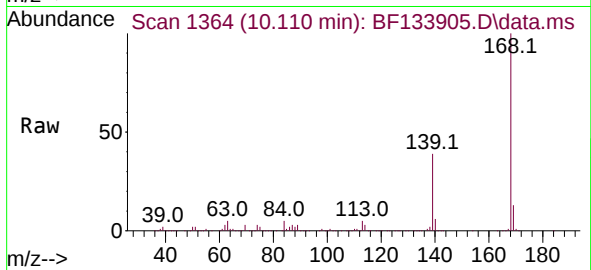
154 70.2 51.9 77.9





#55
Dibenzenofuran
Concen: 44.165 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

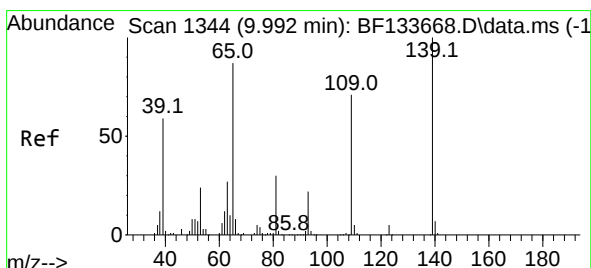
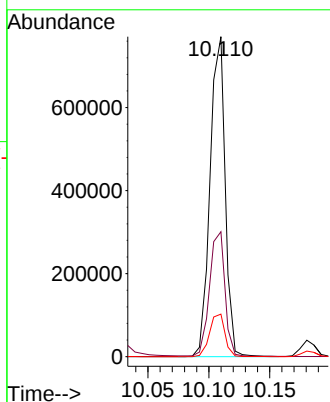
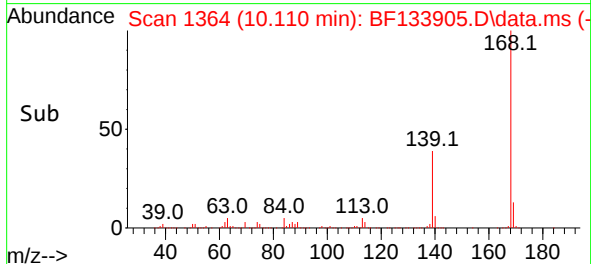
Instrument :
BNA_F
ClientSampleId :
WC-19MS



Tgt Ion:168 Resp: 669190
Ion Ratio Lower Upper
168 100
139 39.0 30.9 46.3
169 13.3 10.9 16.3

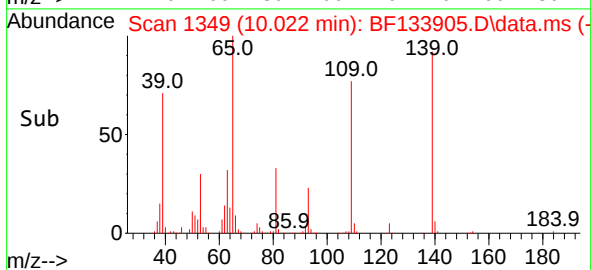
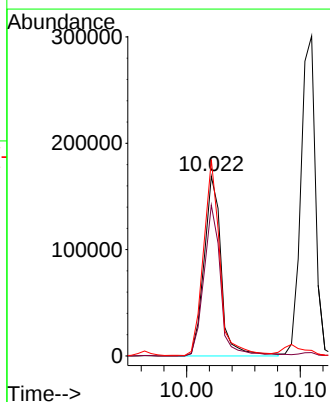
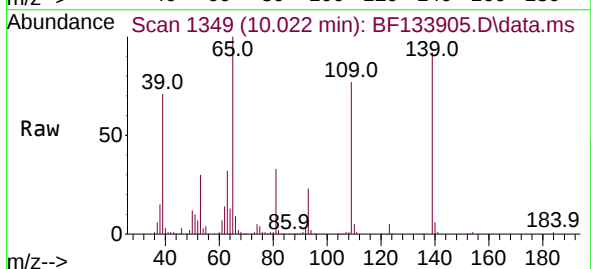
Manual Integrations
APPROVED

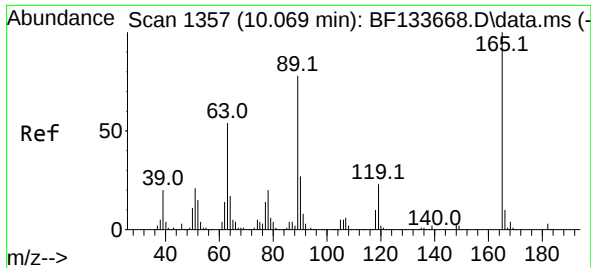
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 82.627 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

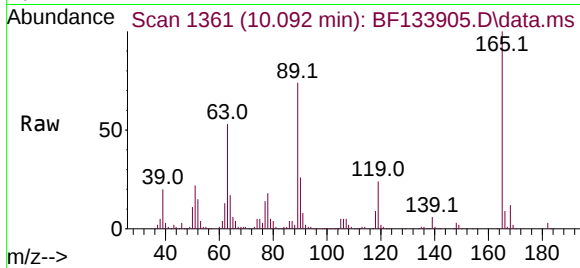
Tgt Ion:139 Resp: 176149
Ion Ratio Lower Upper
139 100
109 84.0 50.7 90.7
65 109.3 67.1 107.1#





#57
2,4-Dinitrotoluene
Concen: 45.789 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

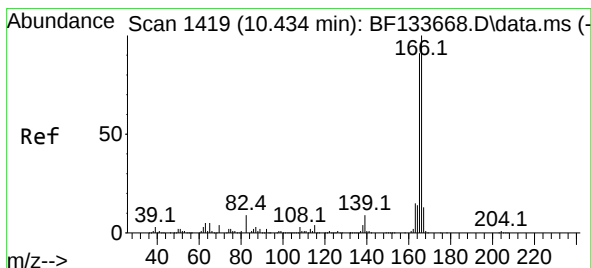
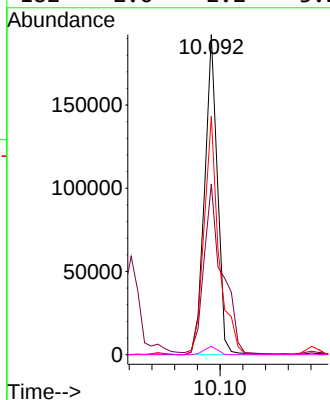
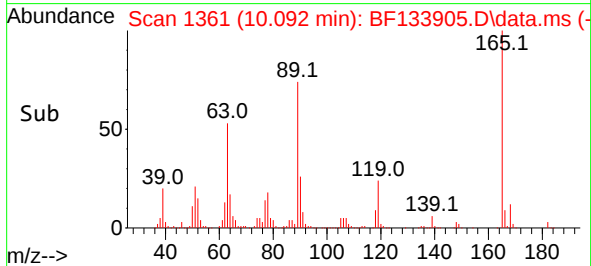
Instrument :
BNA_F
ClientSampleId :
WC-19MS



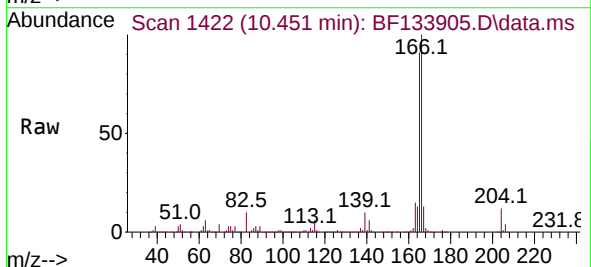
Tgt Ion:165 Resp: 15116
Ion Ratio Lower Upper
165 100
63 53.4 43.0 64.6
89 74.4 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations
APPROVED

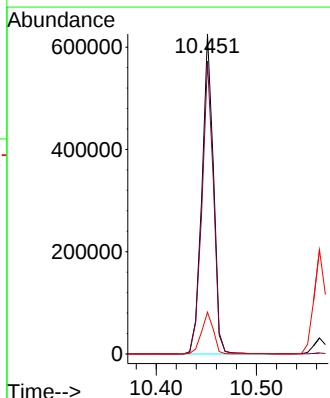
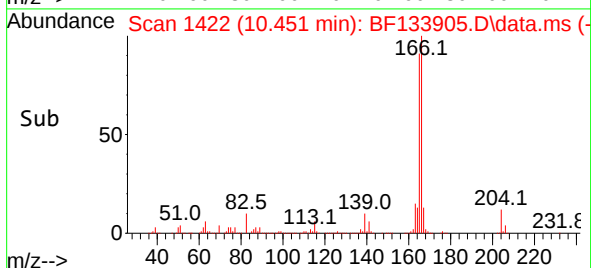
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

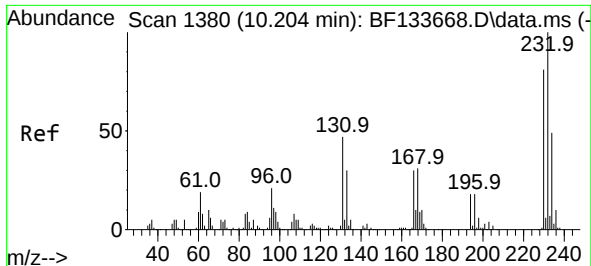


#58
Fluorene
Concen: 43.330 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



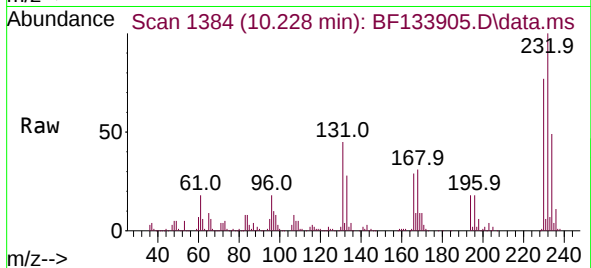
Tgt Ion:166 Resp: 502082
Ion Ratio Lower Upper
166 100
165 91.4 73.1 109.7
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.710 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

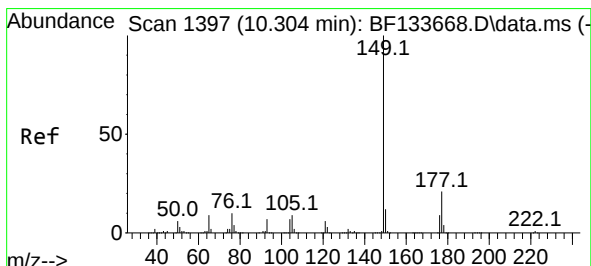
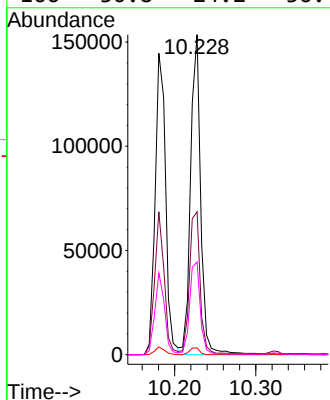
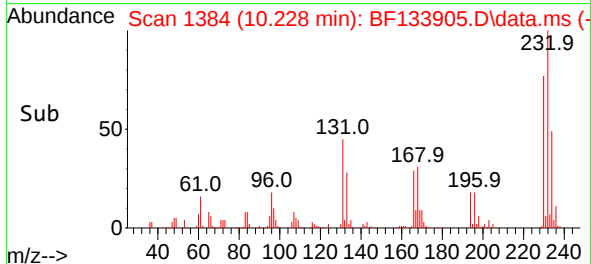
Instrument :
BNA_F
ClientSampleId :
WC-19MS



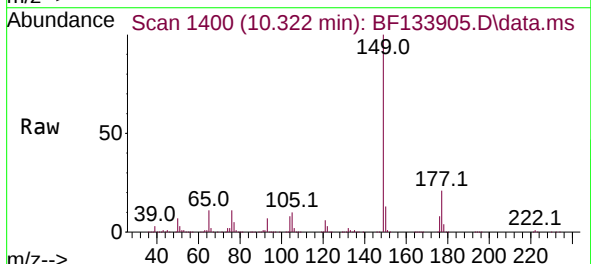
Tgt Ion:232 Resp: 13328
Ion Ratio Lower Upper
232 100
131 47.5 38.0 57.0
130 2.1 1.8 2.8
166 30.8 24.2 36.4

Manual Integrations
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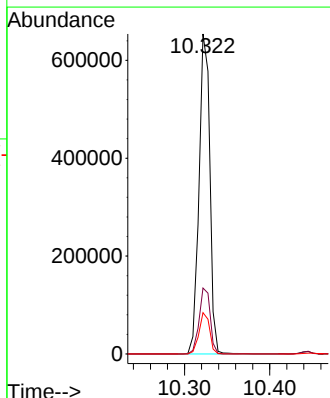
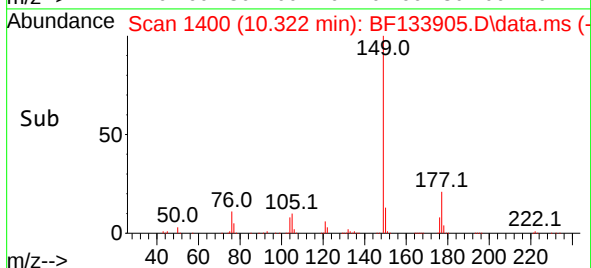
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

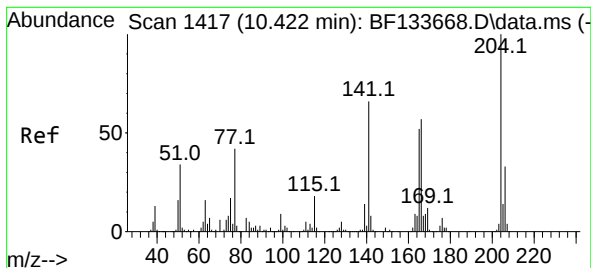


#60
Diethylphthalate
Concen: 45.042 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



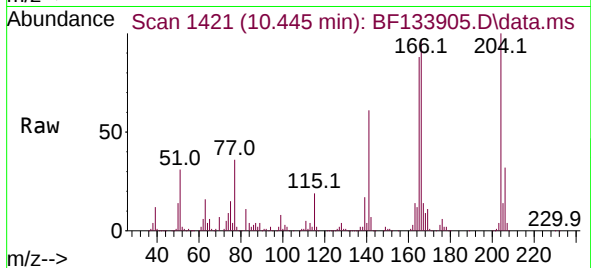
Tgt Ion:149 Resp: 576495
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.960 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

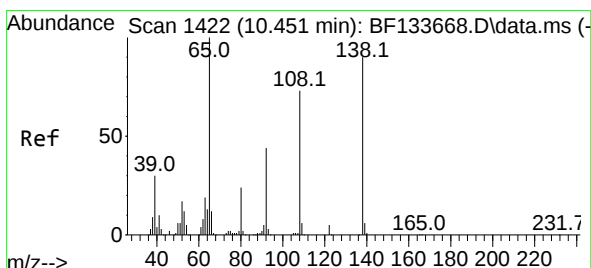
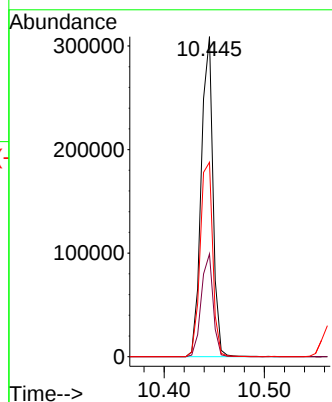
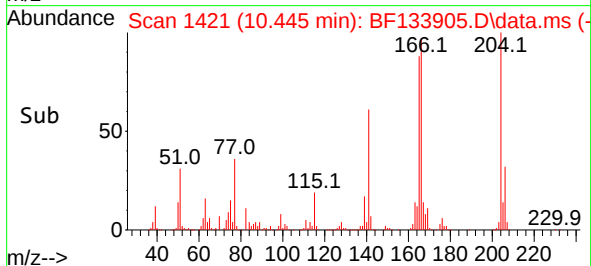
Instrument :
BNA_F
ClientSampleId :
WC-19MS



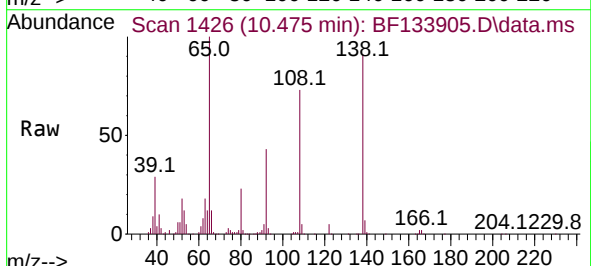
Tgt Ion:204 Resp: 25146
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 60.7 52.8 79.2

Manual Integrations
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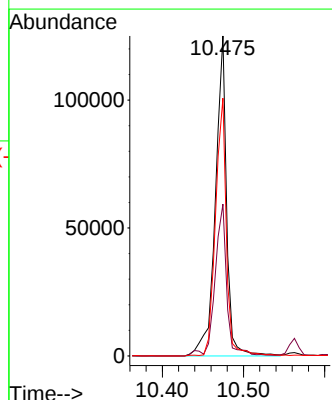
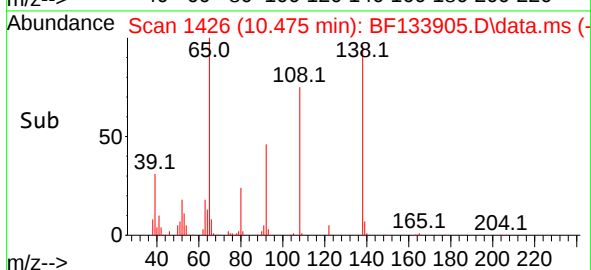
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

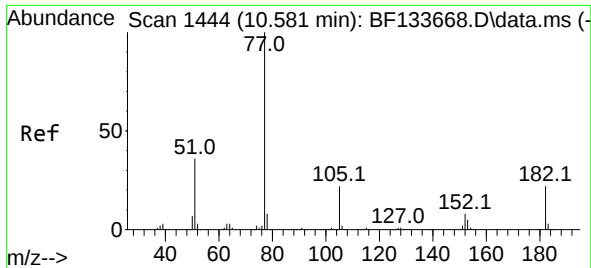


#62
4-Nitroaniline
Concen: 38.875 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



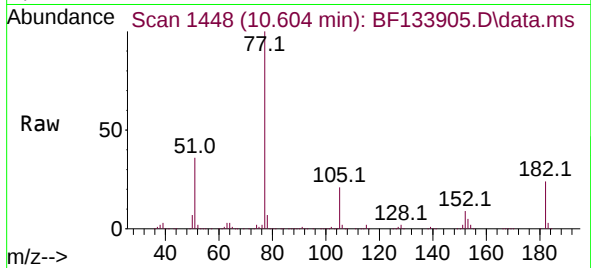
Tgt Ion:138 Resp: 120402
Ion Ratio Lower Upper
138 100
92 47.5 28.9 68.9
108 80.5 61.0 101.0





#63
Azobenzene
Concen: 46.460 ng
RT: 10.604 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

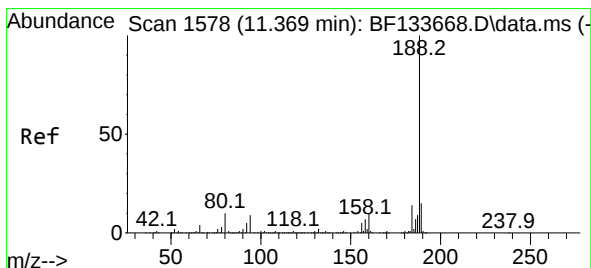
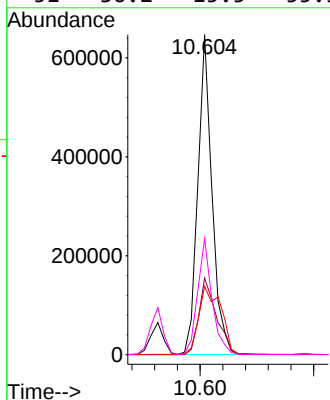
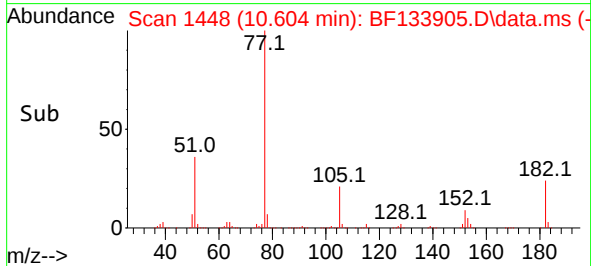
Instrument :
BNA_F
ClientSampleId :
WC-19MS



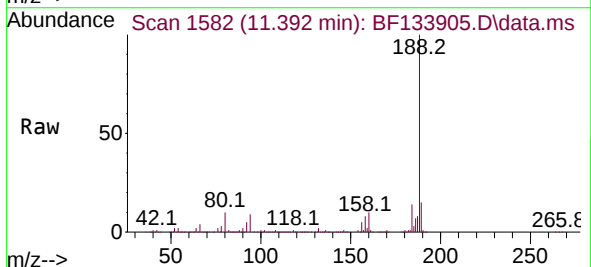
Tgt Ion: 77 Resp: 562928
Ion Ratio Lower Upper
77 100
182 24.0 1.6 41.6
105 21.4 1.6 41.6
51 36.2 15.5 55.5

Manual Integrations
APPROVED

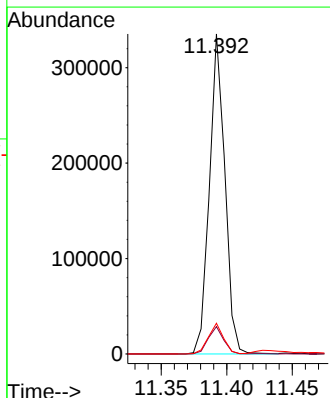
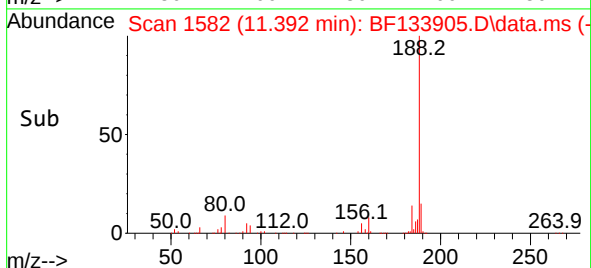
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

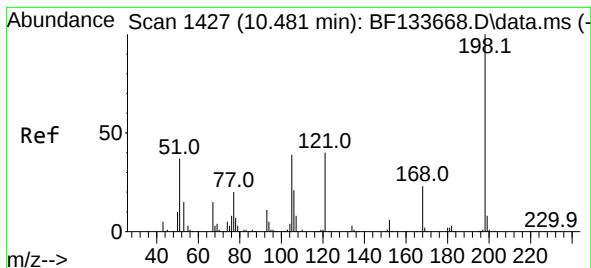


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion:188 Resp: 275910
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.6 7.8 11.6





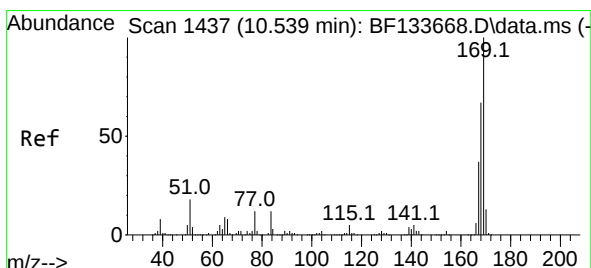
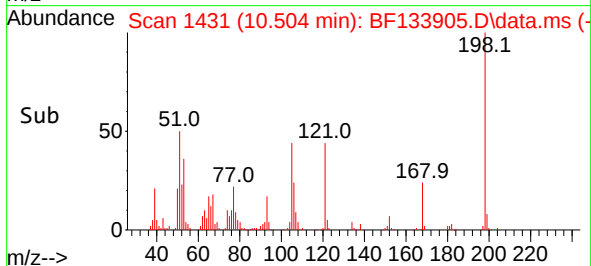
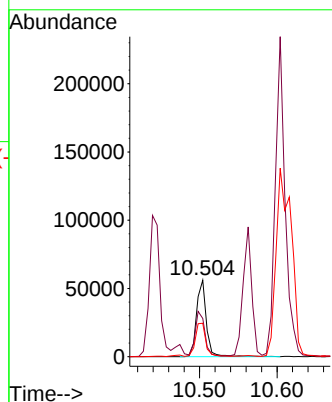
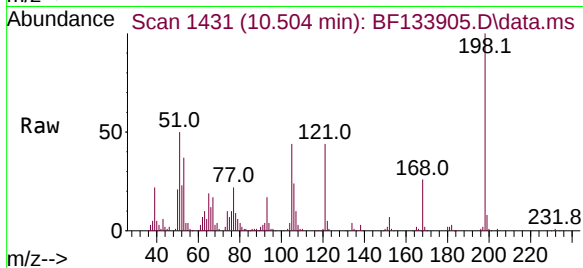
#65
4,6-Dinitro-2-methylphenol
Concen: 37.247 ng
RT: 10.504 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-19MS

Tgt Ion:198 Resp: 49107
Ion Ratio Lower Upper
198 100
51 50.0 27.5 67.5
105 43.7 21.0 61.0

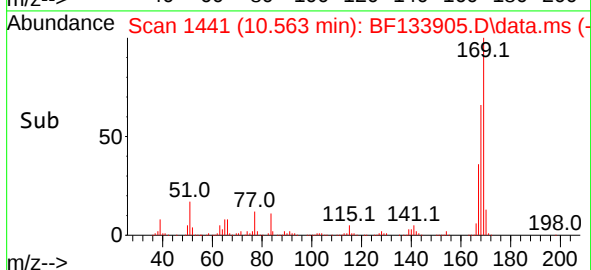
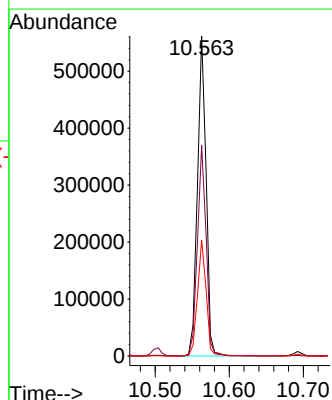
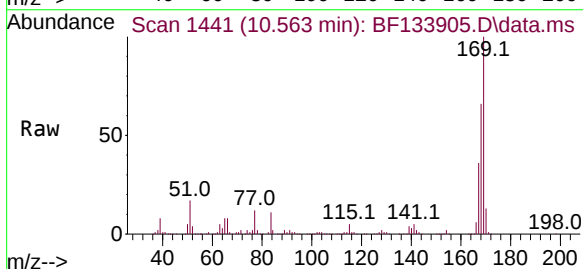
Manual Integrations
APPROVED

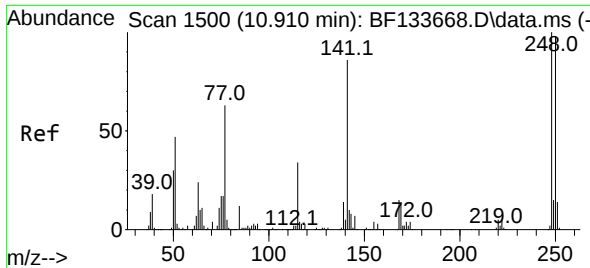
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 48.906 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

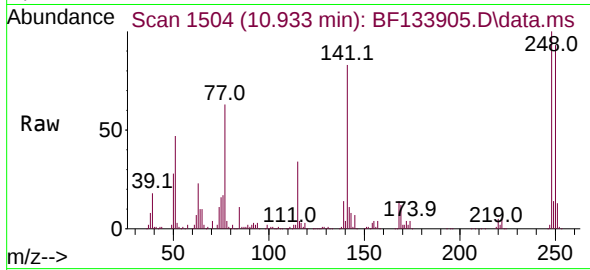
Tgt Ion:169 Resp: 453251
Ion Ratio Lower Upper
169 100
168 65.8 53.7 80.5
167 36.3 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 48.803 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

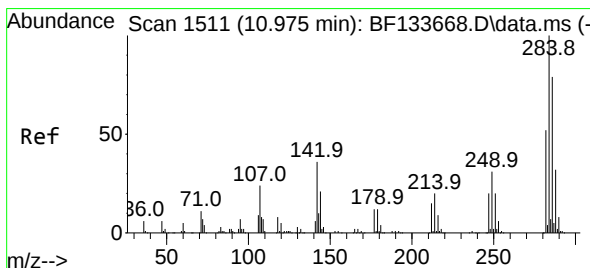
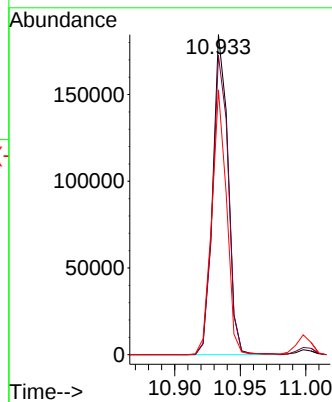
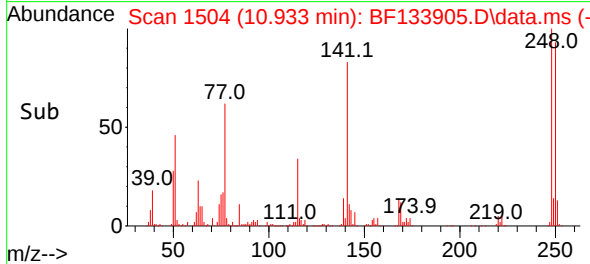
Instrument :
BNA_F
ClientSampleId :
WC-19MS



Tgt Ion:248 Resp: 150290
Ion Ratio Lower Upper
248 100
250 93.5 78.3 117.5
141 82.8 69.0 103.6

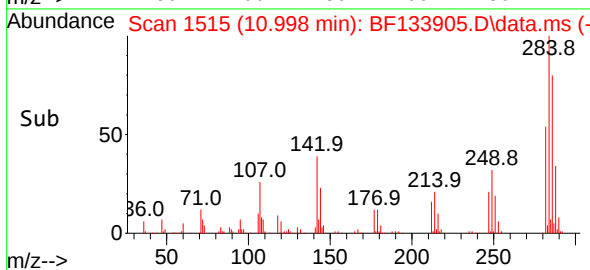
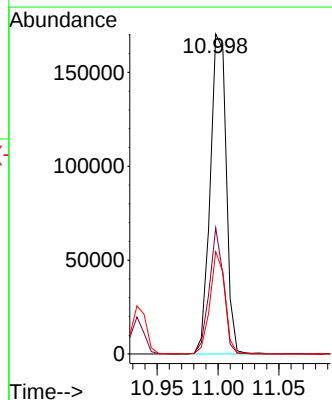
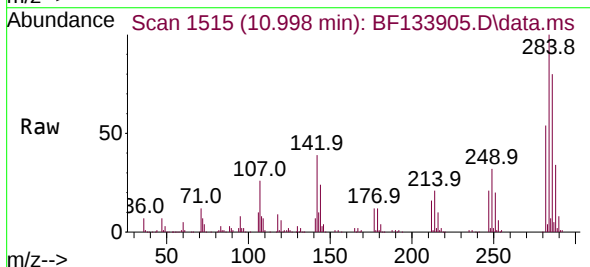
Manual Integrations
APPROVED

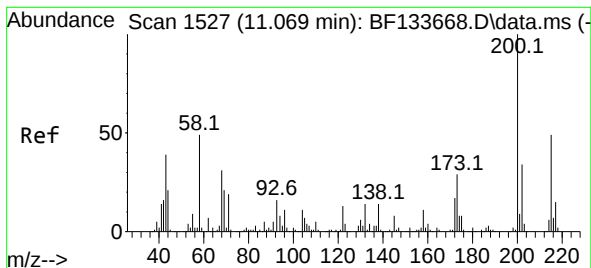
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#68
Hexachlorobenzene
Concen: 48.055 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

Tgt Ion:284 Resp: 155620
Ion Ratio Lower Upper
284 100
142 39.4 28.6 42.8
249 32.0 24.6 36.8





#69

Atrazine

Concen: 53.322 ng

RT: 11.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion:200 Resp: 14338

Ion Ratio Lower Upper

200 100

173 28.5 8.7 48.7

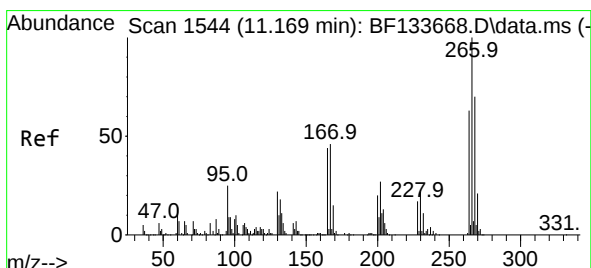
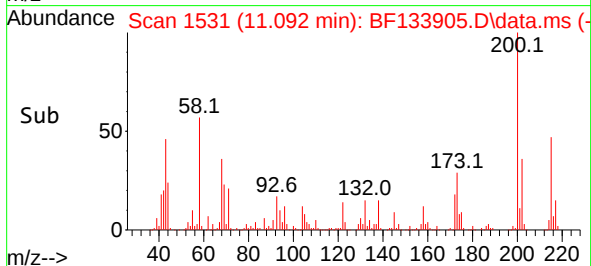
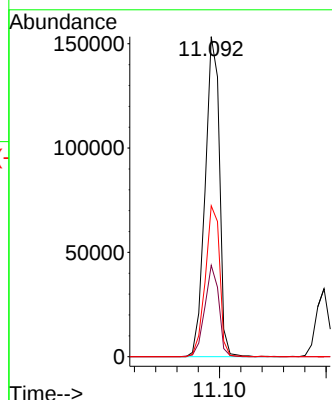
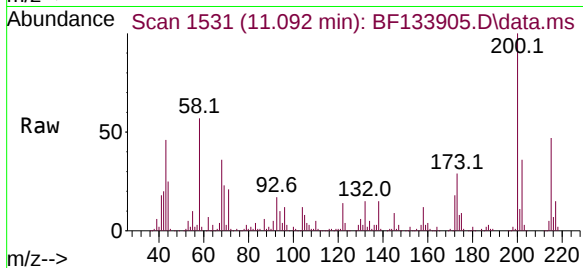
215 47.1 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#70

Pentachlorophenol

Concen: 79.003 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

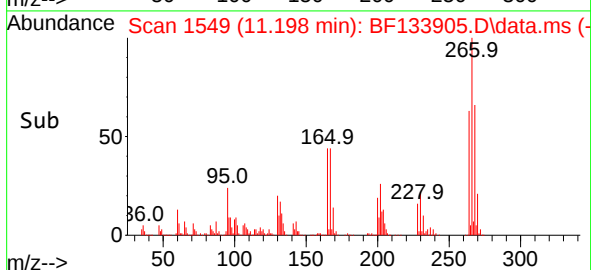
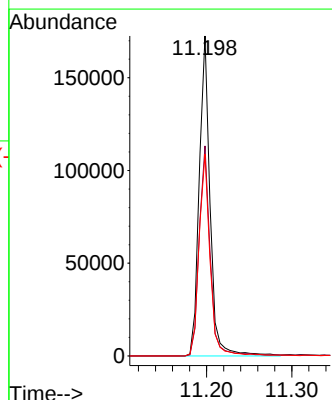
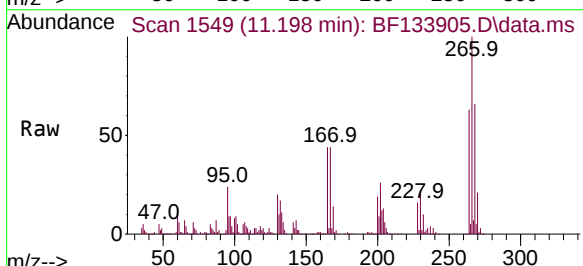
Tgt Ion:266 Resp: 153199

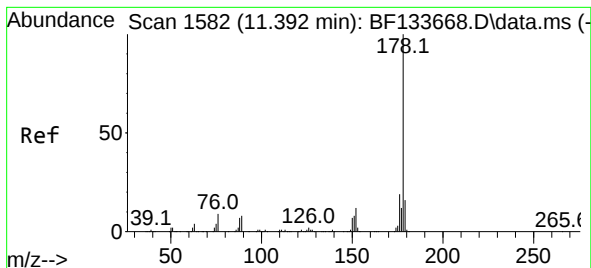
Ion Ratio Lower Upper

266 100

268 65.7 55.7 83.5

264 63.1 50.7 76.1





#71

Phenanthrene

Concen: 45.677 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion:178 Resp: 63939

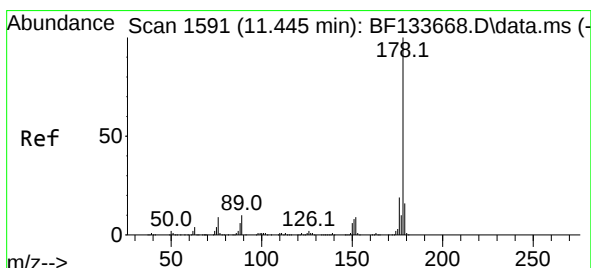
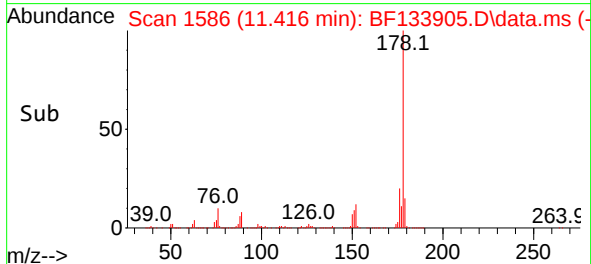
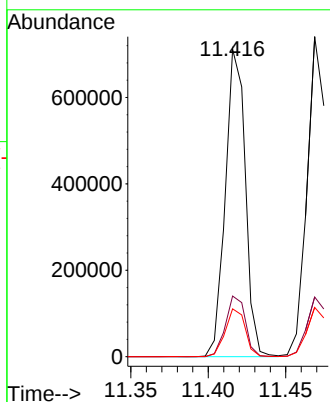
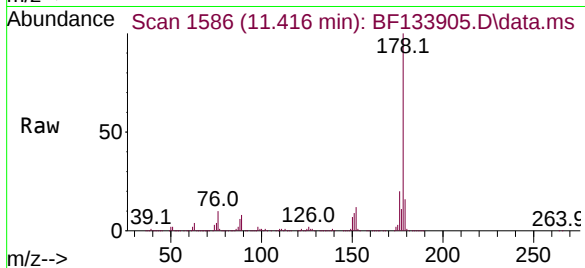
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.6	12.4	18.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#72

Anthracene

Concen: 44.189 ng

RT: 11.469 min Scan# 1595

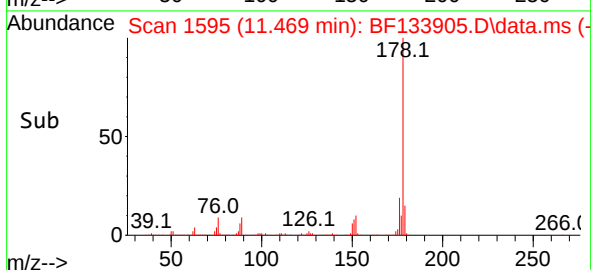
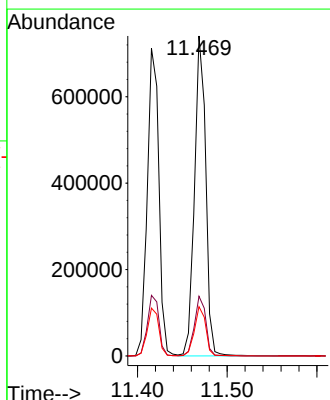
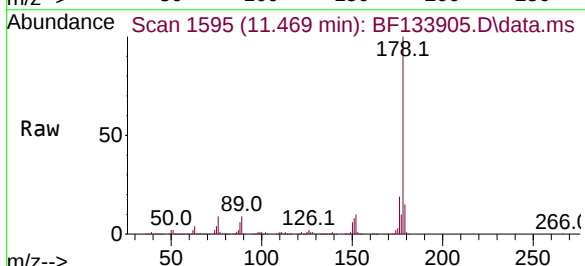
Delta R.T. -0.006 min

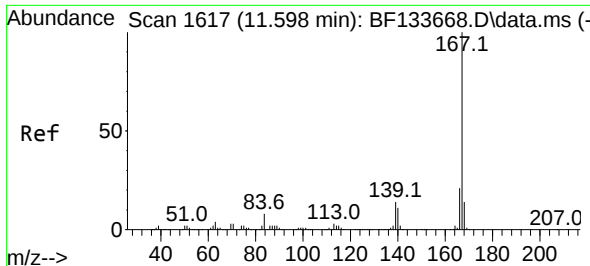
Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Tgt Ion:178 Resp: 644970

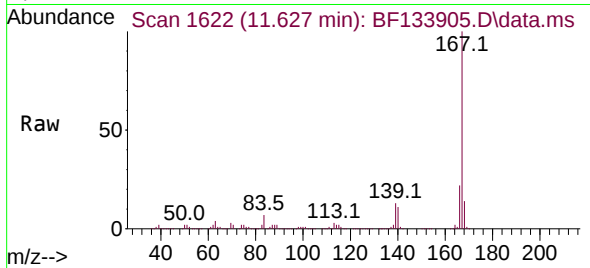
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.4	12.6	18.8





#73
 Carbazole
 Concen: 44.585 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF133905.D
 Acq: 22 Jun 2023 17:09

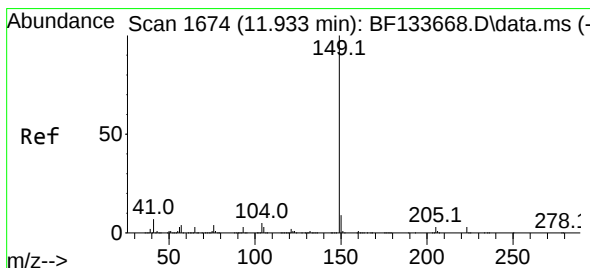
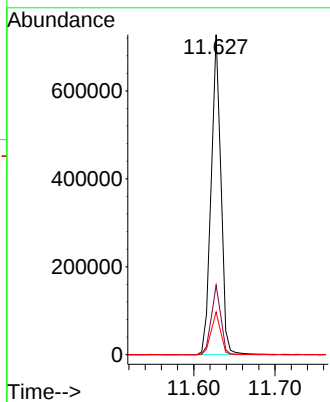
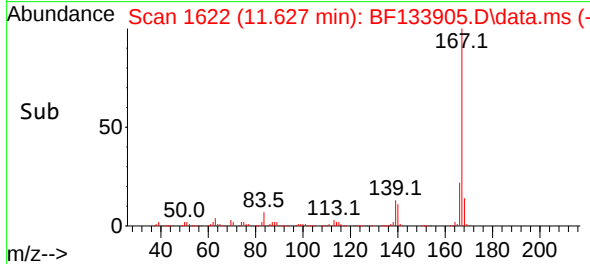
Instrument :
 BNA_F
 ClientSampleId :
 WC-19MS



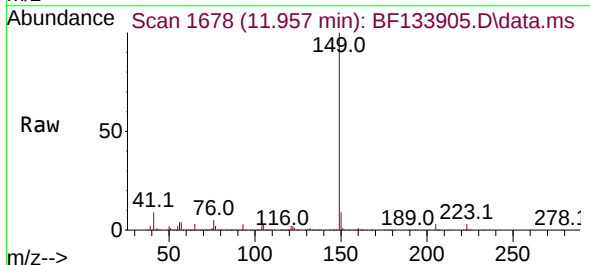
Tgt Ion:167 Resp: 606089
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 11.2 16.8

Manual Integrations
 APPROVED

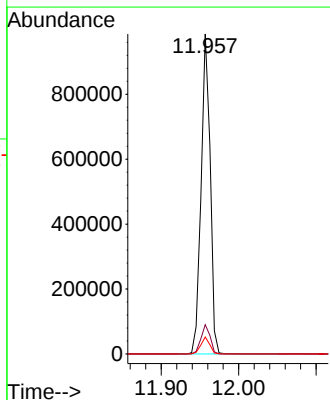
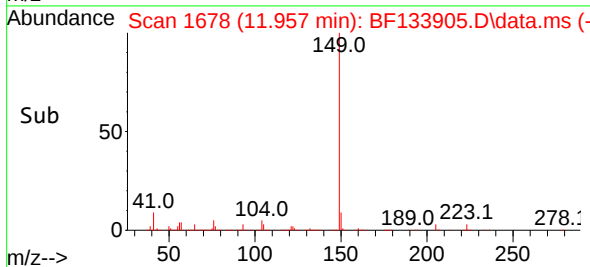
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

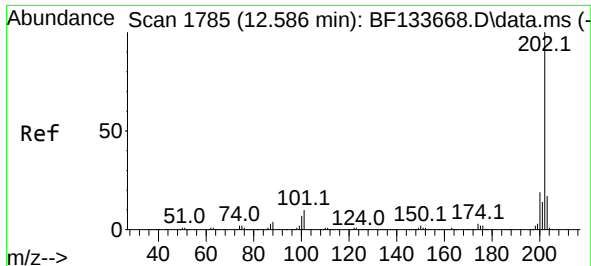


#74
 Di-n-butylphthalate
 Concen: 46.018 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF133905.D
 Acq: 22 Jun 2023 17:09



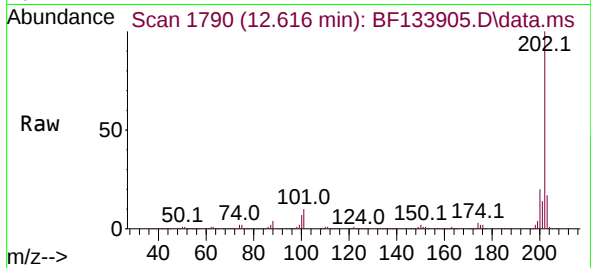
Tgt Ion:149 Resp: 801987
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 45.708 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

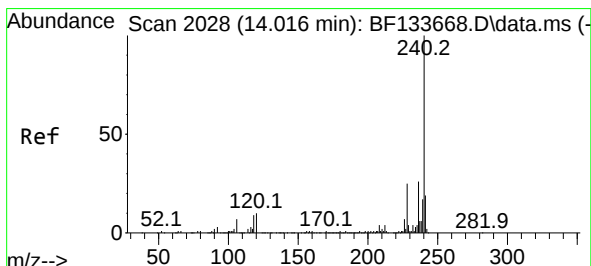
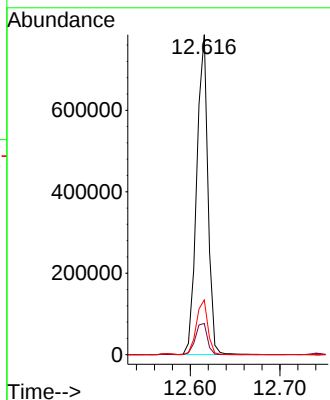
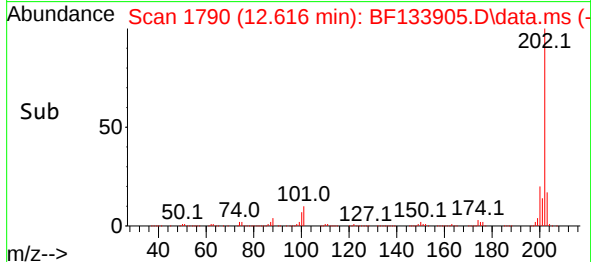
Instrument :
BNA_F
ClientSampleId :
WC-19MS



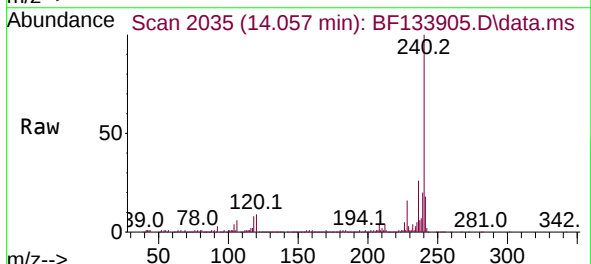
Tgt Ion:202 Resp: 67945
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.6
203 17.1 0.0 37.4

Manual Integrations
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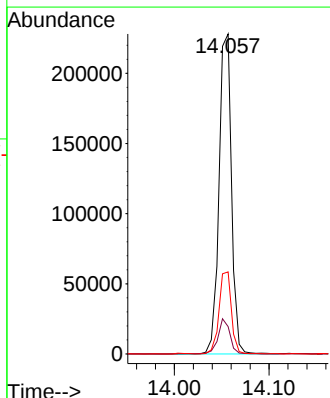
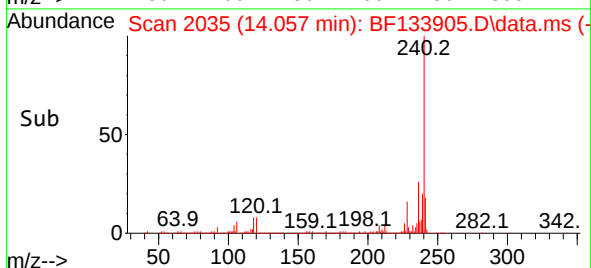
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

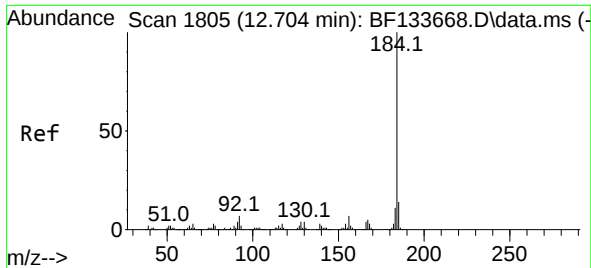


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



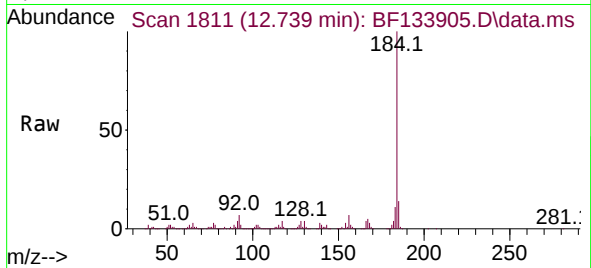
Tgt Ion:240 Resp: 209062
Ion Ratio Lower Upper
240 100
120 8.5 8.1 12.1
236 25.7 20.5 30.7





#77
Benzidine
Concen: 66.708 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

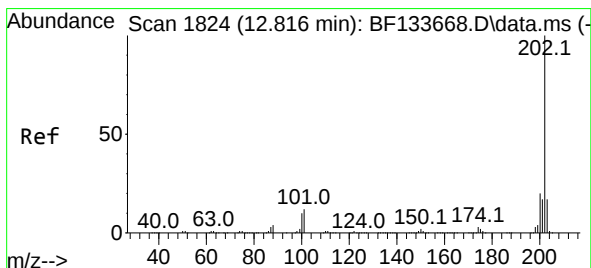
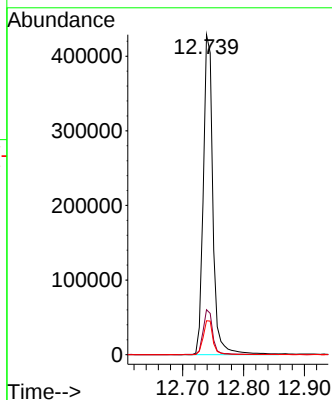
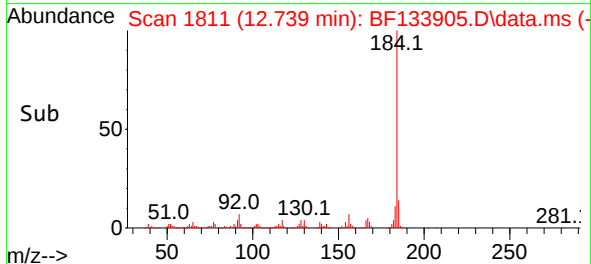
Instrument :
BNA_F
ClientSampleId :
WC-19MS



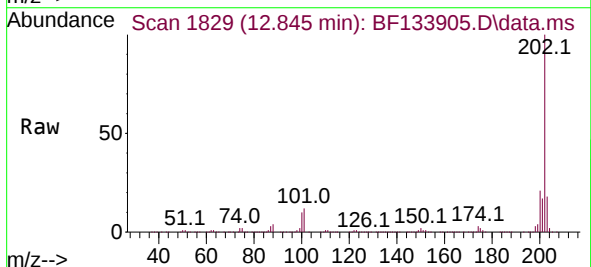
Tgt Ion:184 Resp: 46797
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.6 8.4 12.6

Manual Integrations
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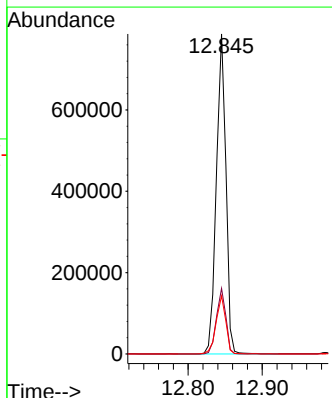
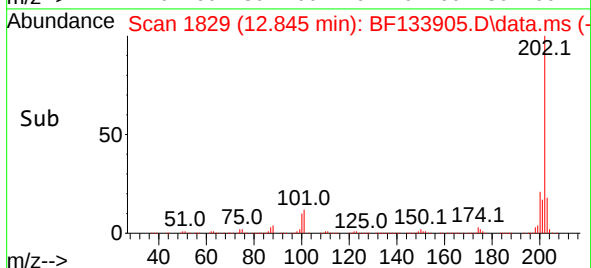
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

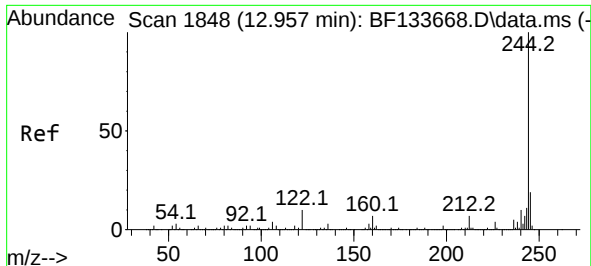


#78
Pyrene
Concen: 36.127 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



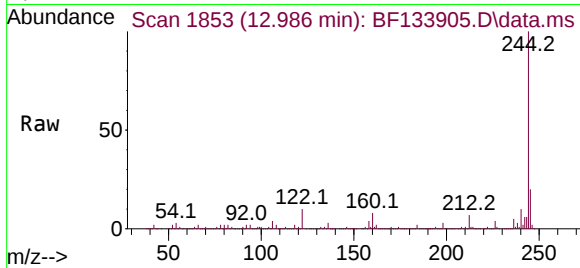
Tgt Ion:202 Resp: 703562
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 18.2 13.9 20.9





#79
 Terphenyl-d14
 Concen: 58.731 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF133905.D
 Acq: 22 Jun 2023 17:09

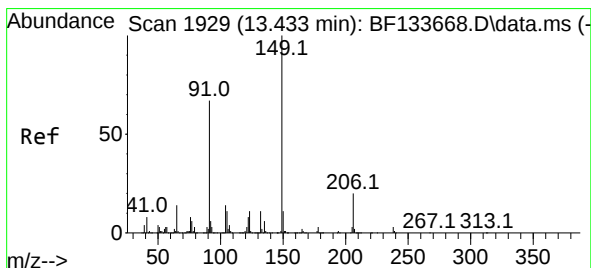
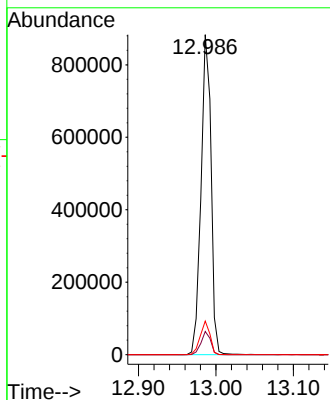
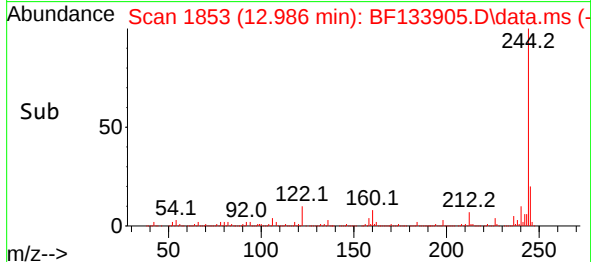
Instrument :
 BNA_F
 ClientSampleId :
 WC-19MS



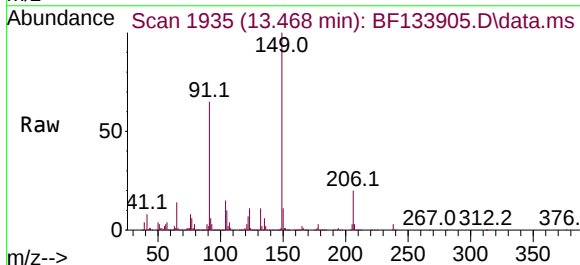
Tgt Ion:244 Resp: 79351
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.5 8.1 12.1

Manual Integrations
 APPROVED

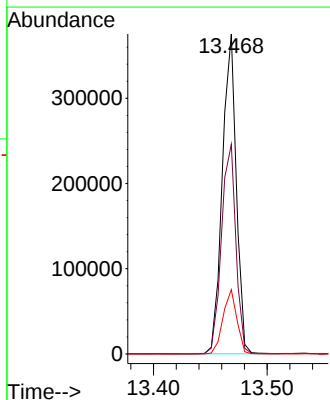
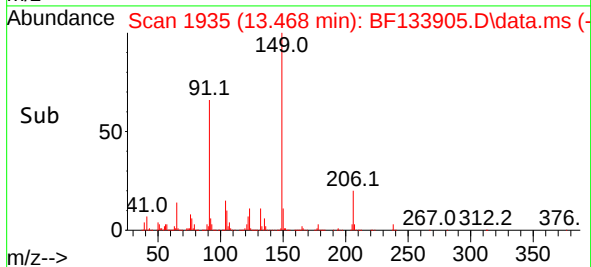
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

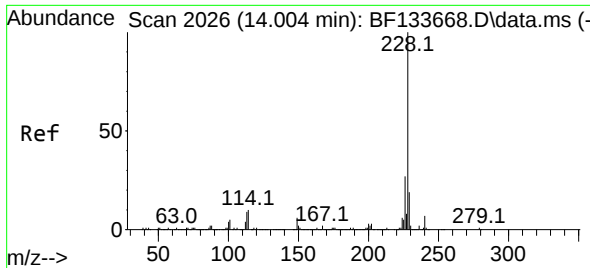


#80
 Butylbenzylphthalate
 Concen: 39.112 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133905.D
 Acq: 22 Jun 2023 17:09



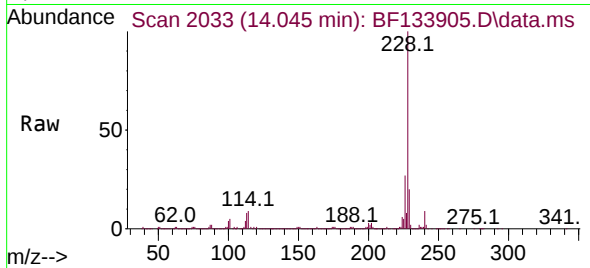
Tgt Ion:149 Resp: 321569
 Ion Ratio Lower Upper
 149 100
 91 65.5 54.0 81.0
 206 20.1 15.6 23.4





#81
Benzo(a)anthracene
Concen: 45.443 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

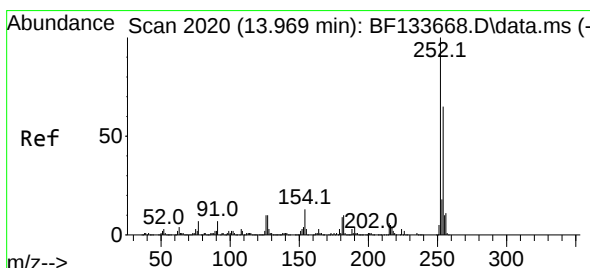
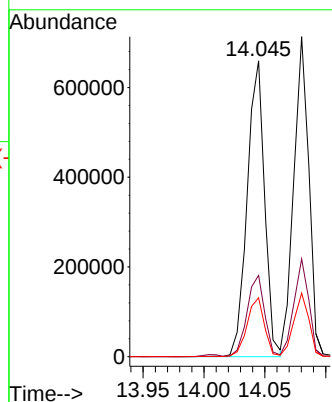
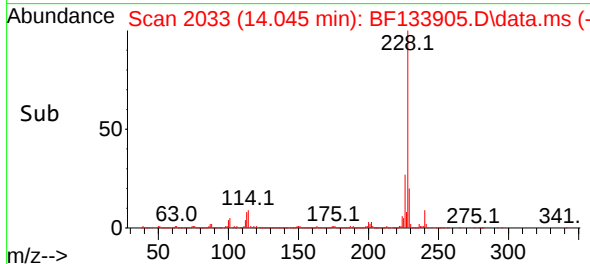
Instrument :
BNA_F
ClientSampleId :
WC-19MS



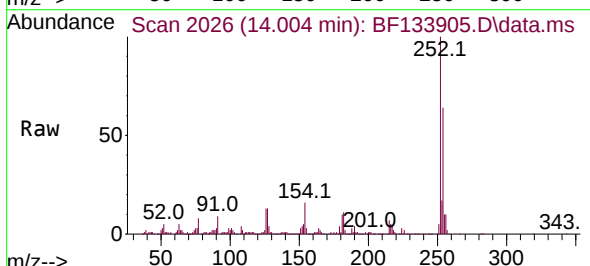
Tgt Ion:228 Resp: 65714
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.9 15.4 23.2

Manual Integrations
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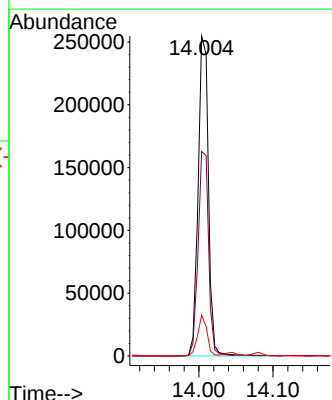
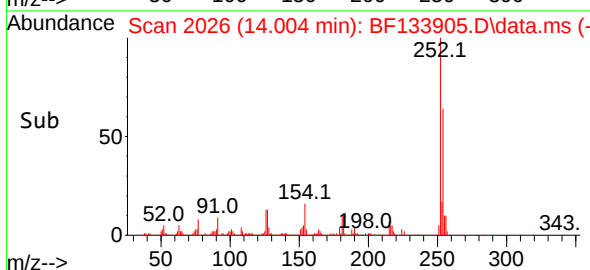
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

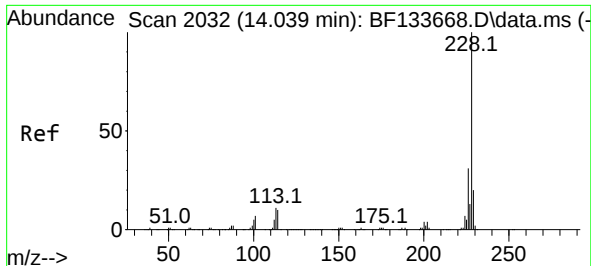


#82
3,3'-Dichlorobenzidine
Concen: 50.905 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



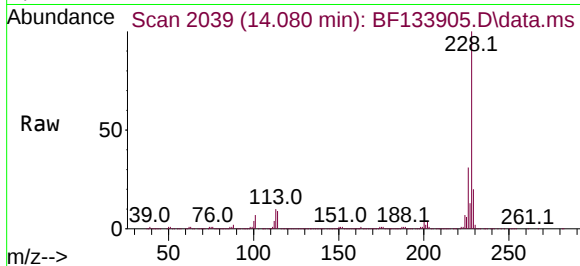
Tgt Ion:252 Resp: 244736
Ion Ratio Lower Upper
252 100
254 63.9 51.9 77.9
126 12.7 7.7 11.5





#83
Chrysene
Concen: 44.893 ng
RT: 14.080 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

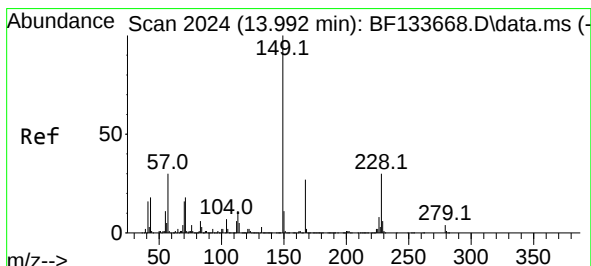
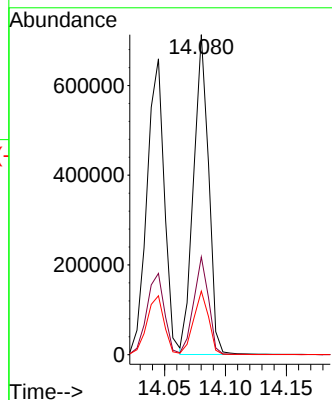
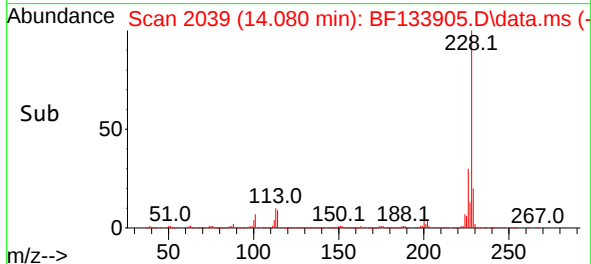
Instrument :
BNA_F
ClientSampleId :
WC-19MS



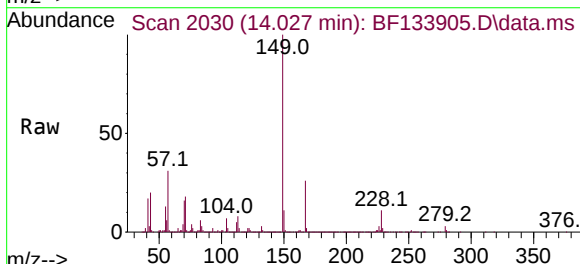
Tgt Ion:228 Resp: 61402
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 19.9 15.8 23.8

Manual Integrations
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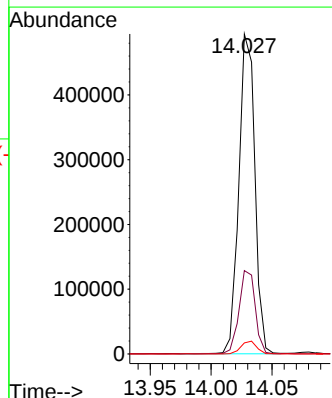
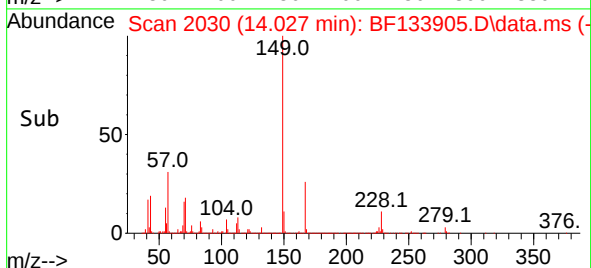
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

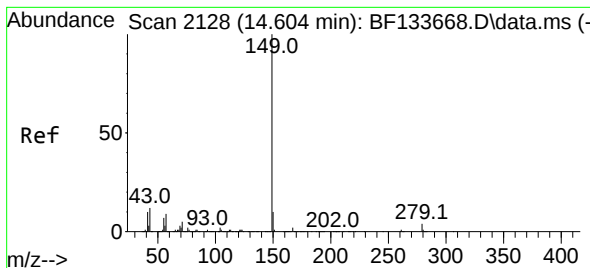


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.695 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion:149 Resp: 452453
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.8
279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 54.973 ng

RT: 14.651 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion:149 Resp: 79082

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

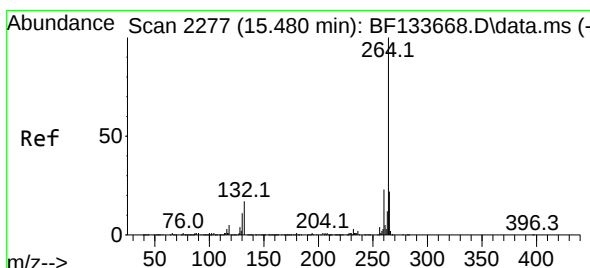
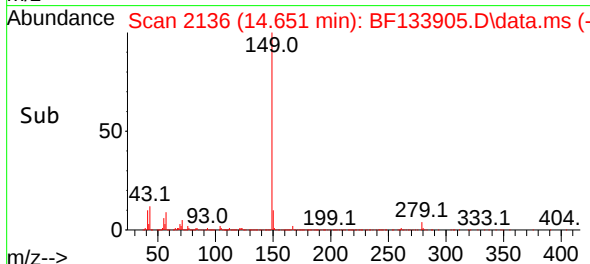
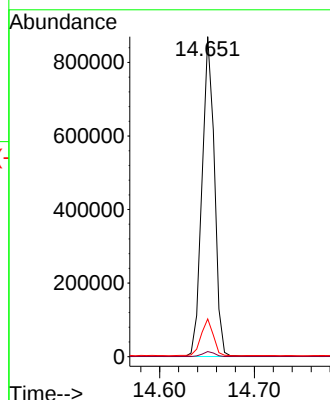
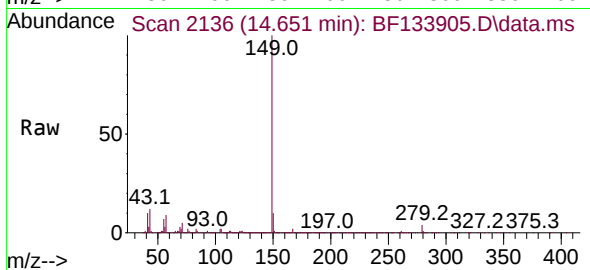
43 11.2 8.7 13.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

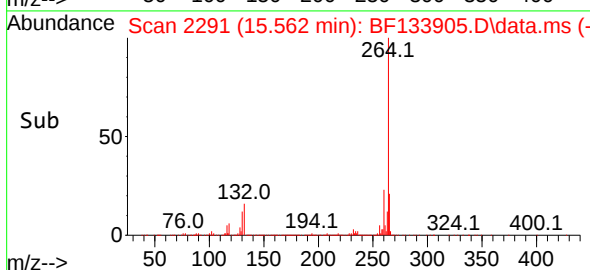
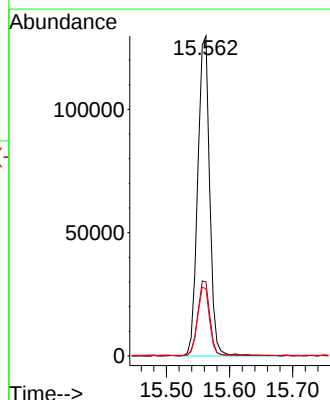
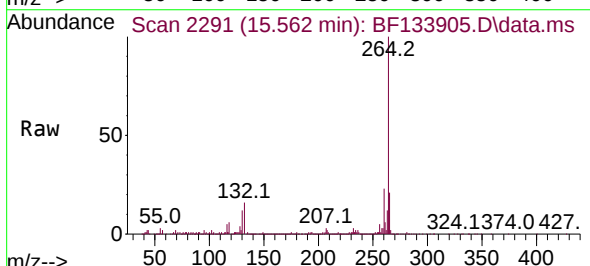
Tgt Ion:264 Resp: 170639

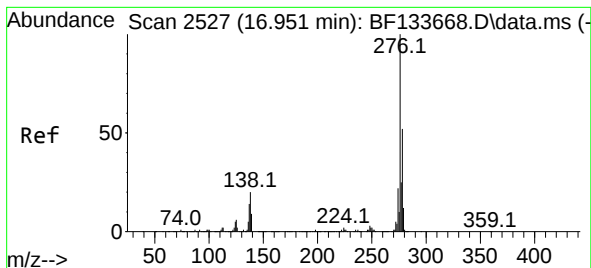
Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.581 ng

RT: 17.115 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-19MS

Tgt Ion: 276 Resp: 429448

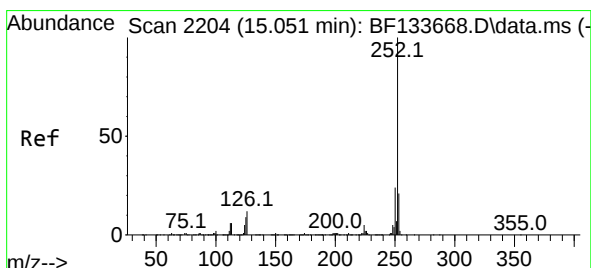
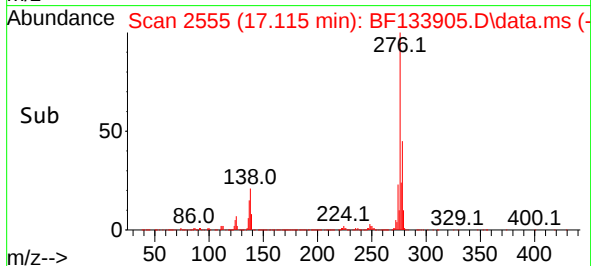
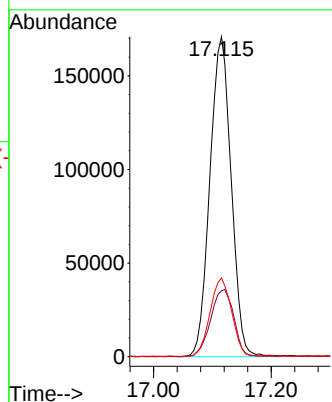
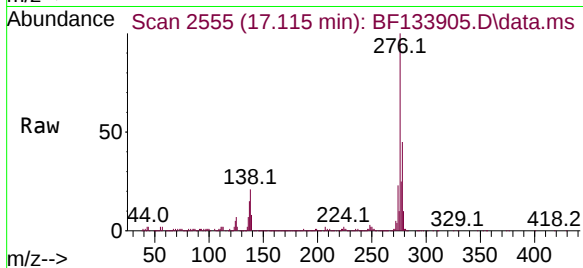
Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.9	26.9
277	24.7	20.3	30.5

Manual Integrations

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Reviewed By : Yogesh Patel 06/23/2023

Supervised By : mohammad ahmed 06/23/2023



#88

Benzo(b)fluoranthene

Concen: 52.556 ng

RT: 15.115 min Scan# 2215

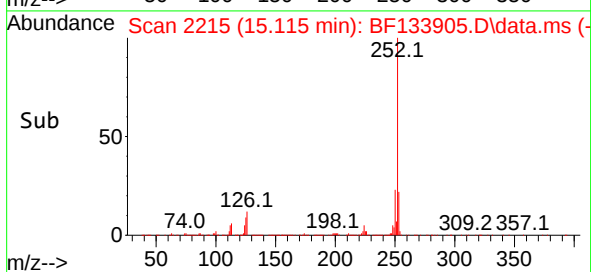
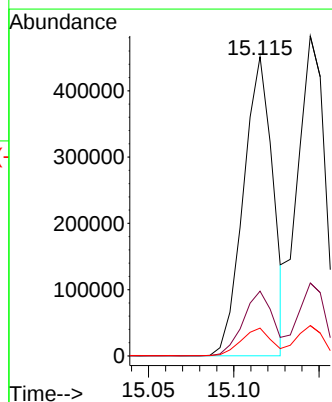
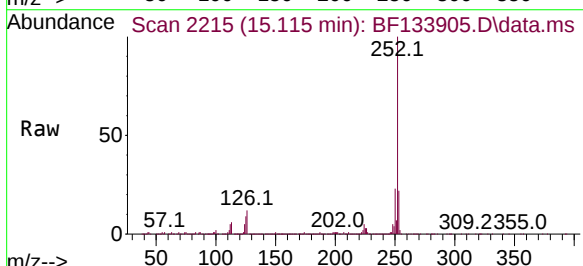
Delta R.T. 0.000 min

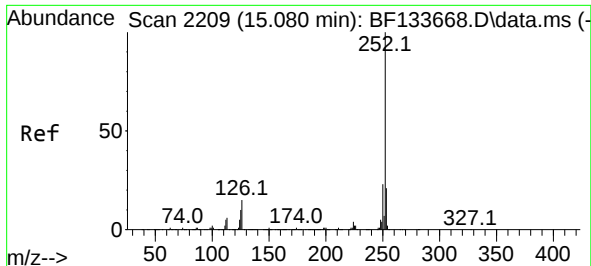
Lab File: BF133905.D

Acq: 22 Jun 2023 17:09

Tgt Ion: 252 Resp: 544772

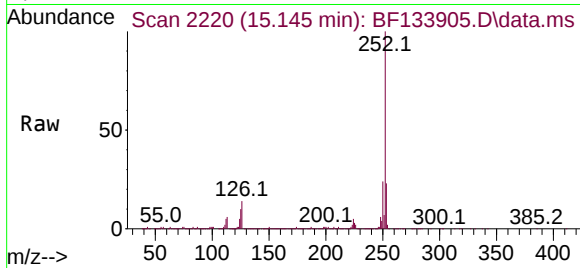
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	9.3	7.3	10.9





#89
Benzo(k)fluoranthene
Concen: 53.450 ng
RT: 15.145 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

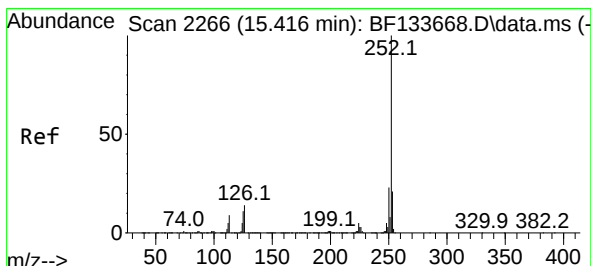
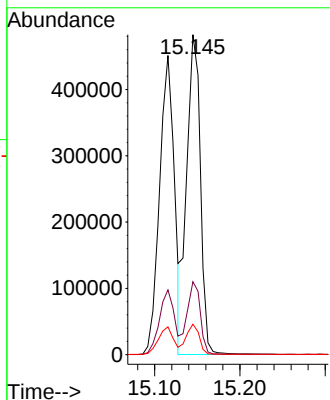
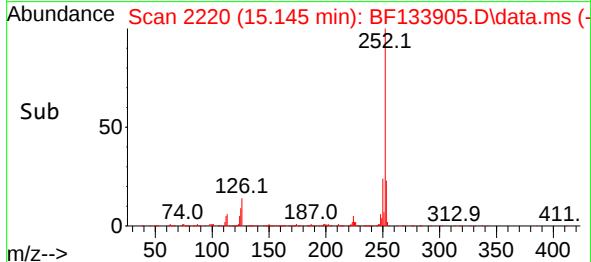
Instrument :
BNA_F
ClientSampleId :
WC-19MS



Tgt Ion:252 Resp: 539702
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 9.5 7.8 11.6

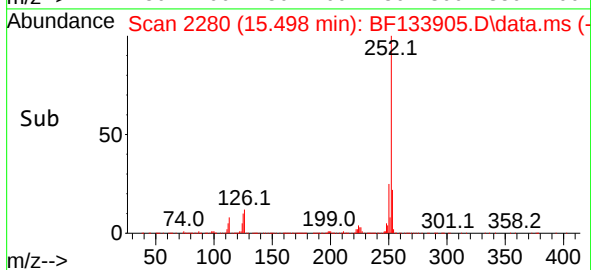
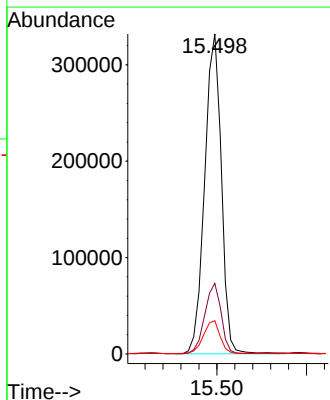
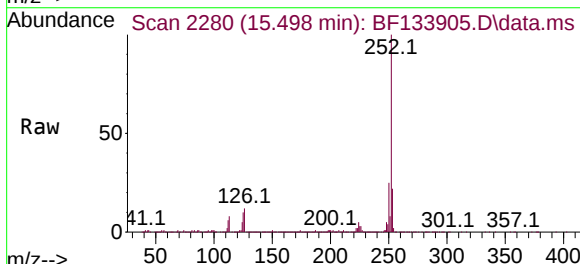
Manual Integrations
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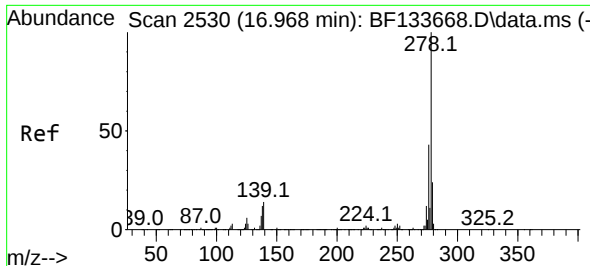
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(a)pyrene
Concen: 44.474 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

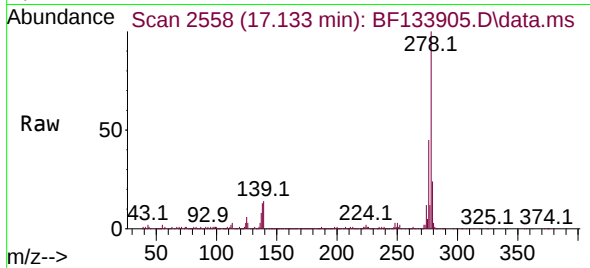
Tgt Ion:252 Resp: 427847
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.4 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 36.528 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09

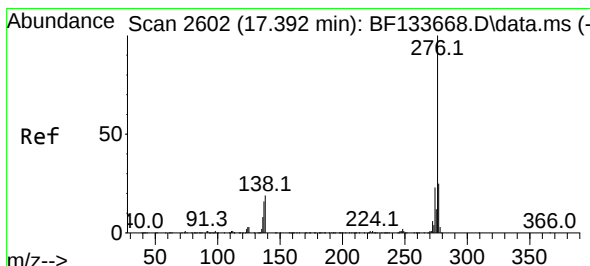
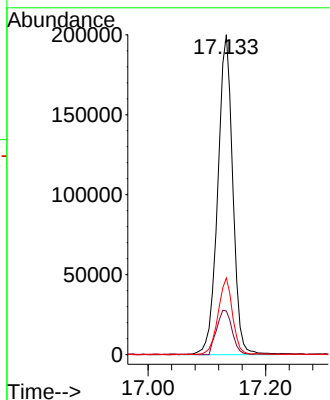
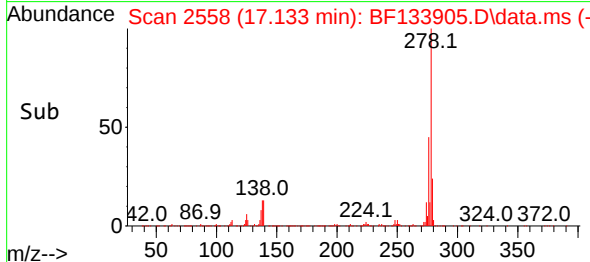
Instrument :
BNA_F
ClientSampleId :
WC-19MS



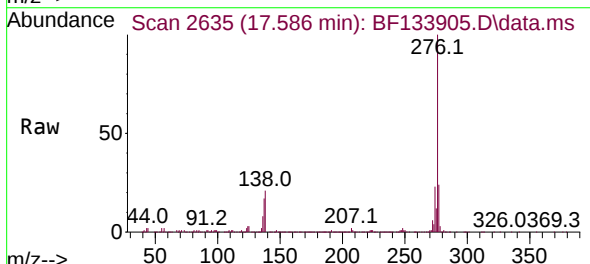
Tgt Ion:278 Resp: 355010
Ion Ratio Lower Upper
278 100
139 13.7 11.4 17.2
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#92
Benzo(g,h,i)perylene
Concen: 34.914 ng
RT: 17.586 min Scan# 2635
Delta R.T. -0.006 min
Lab File: BF133905.D
Acq: 22 Jun 2023 17:09



Tgt Ion:276 Resp: 336437
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.8
138 20.8 15.0 22.4

