

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133760.D
 Acq On : 14 Jun 2023 19:54
 Operator : CG\JU
 Sample : 03092-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Jun 15 01:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	121413	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	458084	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	231277	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	378321	20.000	ng	0.00
76) Chrysene-d12	14.004	240	245266	20.000	ng	0.00
86) Perylene-d12	15.462	264	278860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	701616	100.602	ng	0.02
7) Phenol-d6	6.469	99	787592	86.758	ng	0.00
23) Nitrobenzene-d5	7.398	82	620125	73.734	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	271609	92.777	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1165780	71.653	ng	0.00
79) Terphenyl-d14	12.945	244	1016599	64.136	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	96488	31.469	ng	# 81
3) Pyridine	3.463	79	157576	17.632	ng	99
4) n-Nitrosodimethylamine	3.398	42	176693	35.768	ng	100
6) Aniline	6.492	93	73289	6.410	ng	# 89
8) 2-Chlorophenol	6.616	128	294687	40.095	ng	99
9) Benzaldehyde	6.381	77	21936	3.642	ng	97
10) Phenol	6.481	94	300420	31.692	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	279144	39.666	ng	96
12) 1,3-Dichlorobenzene	6.775	146	310814	39.581	ng	99
13) 1,4-Dichlorobenzene	6.851	146	317263	39.973	ng	97
14) 1,2-Dichlorobenzene	6.998	146	305120	42.545	ng	99
15) Benzyl Alcohol	6.975	79	253198	35.711	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	499609	41.881	ng	99
17) 2-Methylphenol	7.087	107	238194	36.564	ng	98
18) Hexachloroethane	7.345	117	118624	43.657	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	216761	37.529	ng	97
20) 3+4-Methylphenols	7.239	107	283325	33.433	ng	# 84
22) Acetophenone	7.245	105	416280	39.622	ng	# 97
24) Nitrobenzene	7.416	77	328315	38.768	ng	97
25) Isophorone	7.657	82	583853	37.813	ng	98
26) 2-Nitrophenol	7.734	139	160558	42.245	ng	98
27) 2,4-Dimethylphenol	7.769	122	261639	39.940	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	345468	38.712	ng	99
29) 2,4-Dichlorophenol	7.975	162	242546	37.778	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	261183	38.991	ng	99
31) Naphthalene	8.139	128	853452	38.241	ng	100
32) Benzoic acid	7.886	122	181618	43.960	ng	96
33) 4-Chloroaniline	8.186	127	19357	2.028	ng	98
34) Hexachlorobutadiene	8.251	225	168845	38.499	ng	98
35) Caprolactam	8.557	113	71305m	33.006	ng	
36) 4-Chloro-3-methylphenol	8.669	107	286335	38.692	ng	99
37) 2-Methylnaphthalene	8.828	142	607763	39.194	ng	99
38) 1-Methylnaphthalene	8.928	142	561755	39.368	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	284499	40.463	ng	99
41) Hexachlorocyclopentadiene	8.980	237	267292	85.308	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	188092	40.033	ng	97

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Manual Integrations
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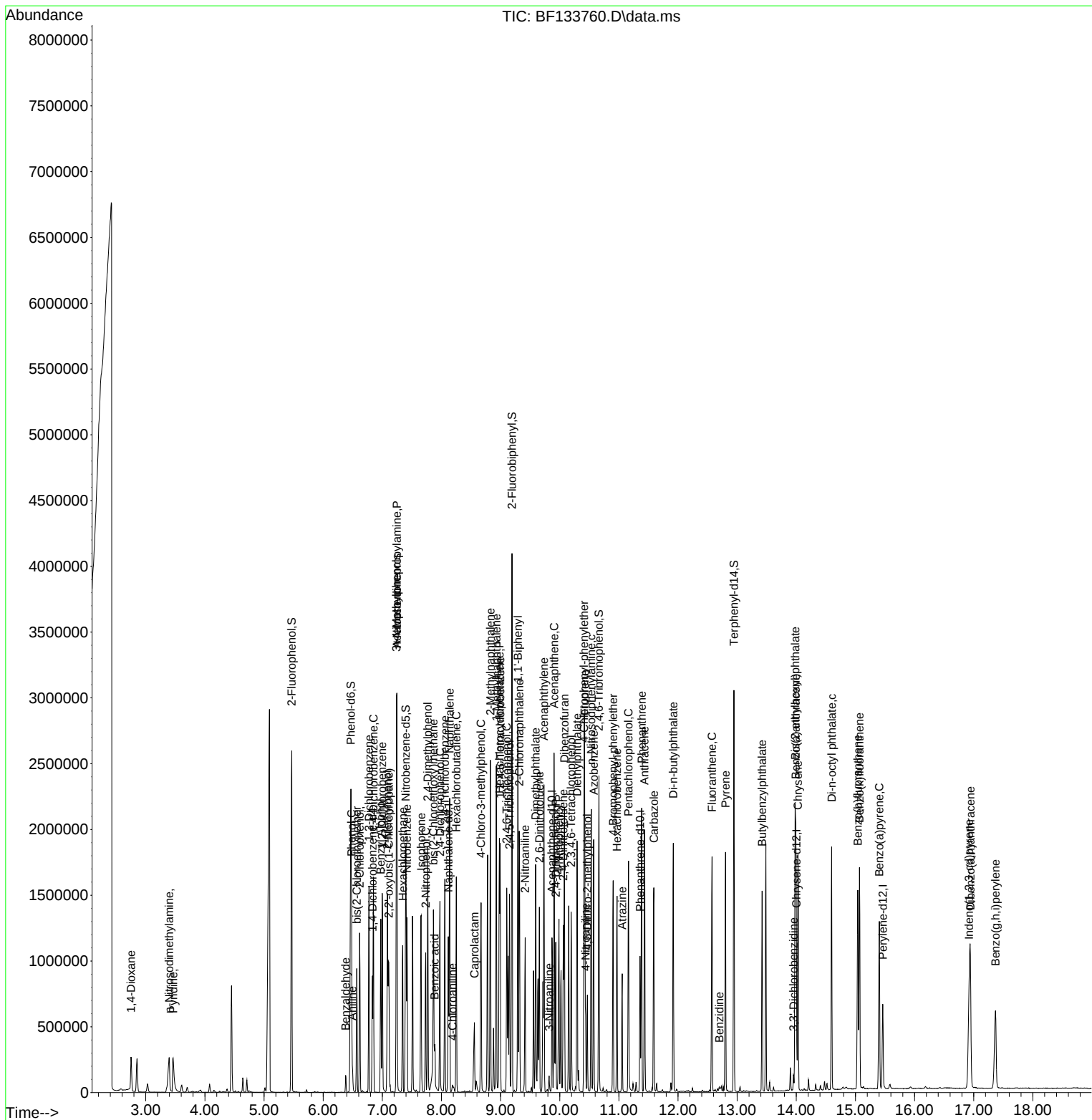
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	192224	35.167	ng	97
46) 1,1'-Biphenyl	9.292	154	769802	41.270	ng	98
47) 2-Chloronaphthalene	9.316	162	557185	41.643	ng	99
48) 2-Nitroaniline	9.416	65	174671	35.695	ng	98
49) Acenaphthylene	9.733	152	898548	38.584	ng	100
50) Dimethylphthalate	9.592	163	645107	37.369	ng	99
51) 2,6-Dinitrotoluene	9.657	165	141885	39.819	ng	# 84
52) Acenaphthene	9.904	154	527888	38.726	ng	99
53) 3-Nitroaniline	9.822	138	17260	3.980	ng	98
54) 2,4-Dinitrophenol	9.933	184	123768	71.719	ng	97
55) Dibenzofuran	10.080	168	799821	38.453	ng	99
56) 4-Nitrophenol	9.986	139	178905	61.133	ng	# 83
57) 2,4-Dinitrotoluene	10.063	165	177305	39.125	ng	93
58) Fluorene	10.422	166	592744	37.265	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	159193	38.900	ng	99
60) Diethylphthalate	10.292	149	662452	37.704	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	293960	37.435	ng	97
62) 4-Nitroaniline	10.439	138	94851	22.310	ng	99
63) Azobenzene	10.575	77	610770	36.721	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	81166	44.898	ng	92
66) n-Nitrosodiphenylamine	10.533	169	474660	37.352	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	174708	41.375	ng	94
68) Hexachlorobenzene	10.969	284	186019	41.893	ng	96
69) Atrazine	11.057	200	92448	25.073	ng	99
70) Pentachlorophenol	11.163	266	183635	69.064	ng	99
71) Phenanthrene	11.386	178	765744	39.895	ng	99
72) Anthracene	11.433	178	771324	38.540	ng	99
73) Carbazole	11.592	167	625483	33.556	ng	98
74) Di-n-butylphthalate	11.921	149	913744	38.238	ng	99
75) Fluoranthene	12.574	202	723298	35.486	ng	99
77) Benzidine	12.698	184	18366	2.232	ng	# 94
78) Pyrene	12.804	202	722991	31.644	ng	99
80) Butylbenzylphthalate	13.421	149	323571	33.547	ng	99
81) Benzo(a)anthracene	13.992	228	666721	39.299	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	26275	4.659	ng	96
83) Chrysene	14.027	228	647436	40.349	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	456142	38.408	ng	99
85) Di-n-octyl phthalate	14.598	149	831730	49.282	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	681152	35.505	ng	98
88) Benzo(b)fluoranthene	15.039	252	738550	43.599	ng	98
89) Benzo(k)fluoranthene	15.068	252	726454	44.025	ng	98
90) Benzo(a)pyrene	15.404	252	620800	39.488	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	585146	36.841	ng	99
92) Benzo(g,h,i)perylene	17.368	276	501623	31.854	ng	98

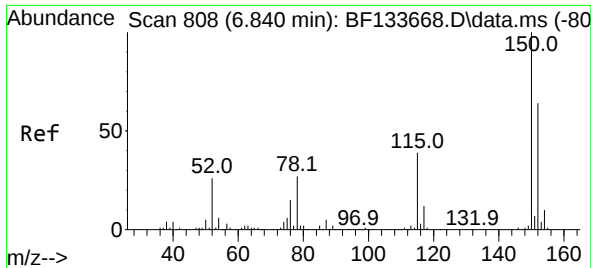
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

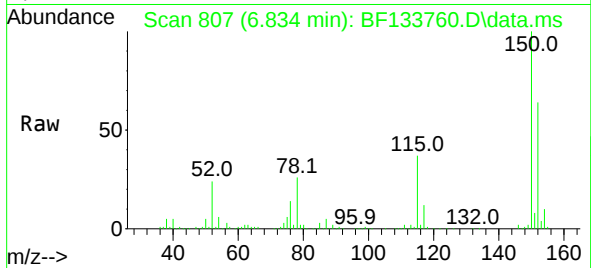
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

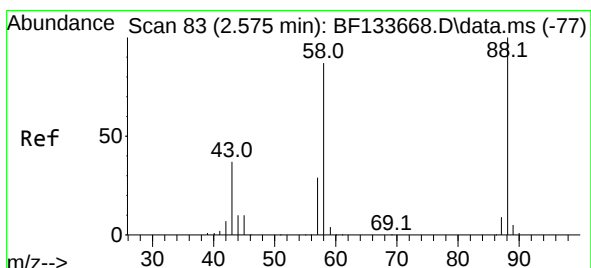
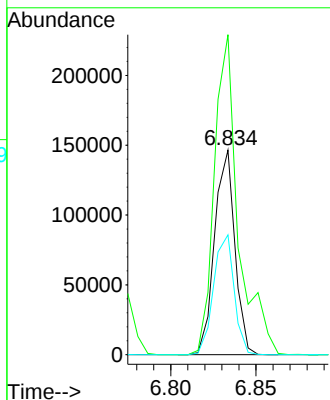
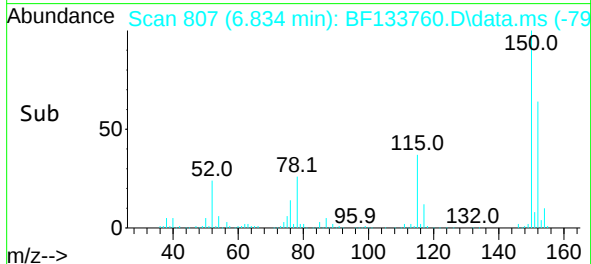
Instrument :
BNA_F
ClientSampleId :
TP-1MS



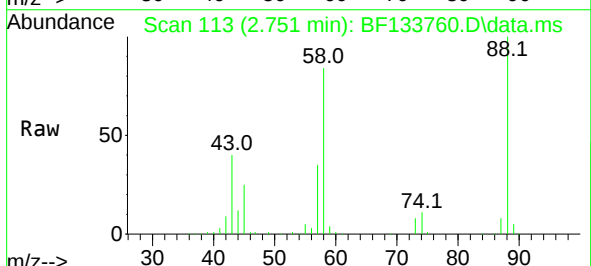
Tgt Ion:152 Resp: 12141
Ion Ratio Lower Upper
152 100
150 156.5 124.3 186.5
115 58.6 48.5 72.7

Manual Integrations
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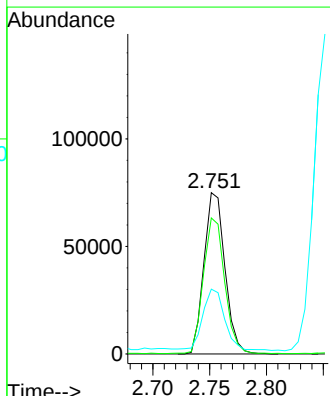
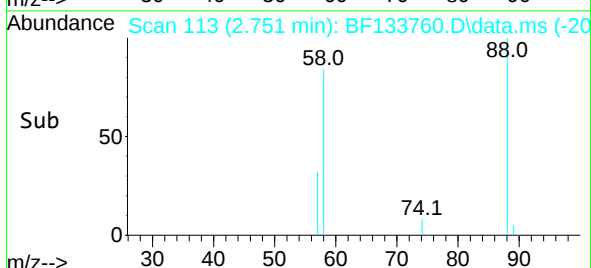
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

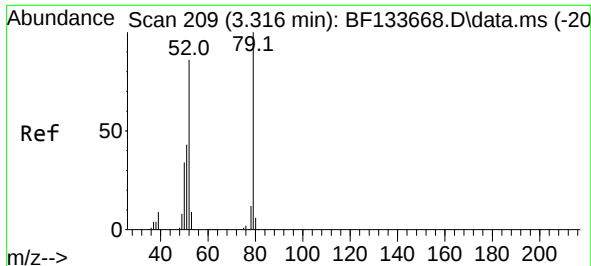


#2
1,4-Dioxane
Concen: 31.469 ng
RT: 2.751 min Scan# 113
Delta R.T. 0.200 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion: 88 Resp: 96488
Ion Ratio Lower Upper
88 100
58 85.2 67.8 101.6
43 0.0 29.8 44.6#





#3

Pyridine

Concen: 17.632 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.159 min

Lab File: BF133760.D

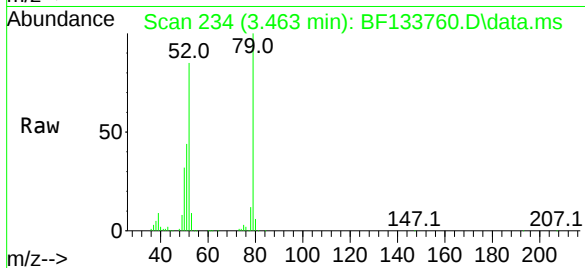
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Instrument :

BNA_F

ClientSampleId :

TP-1MS



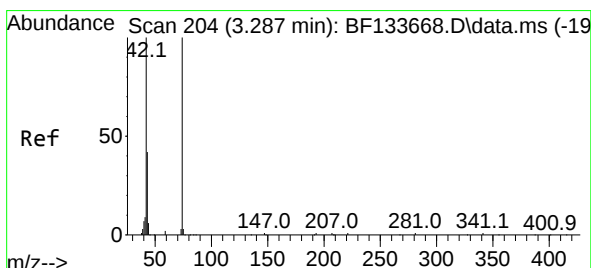
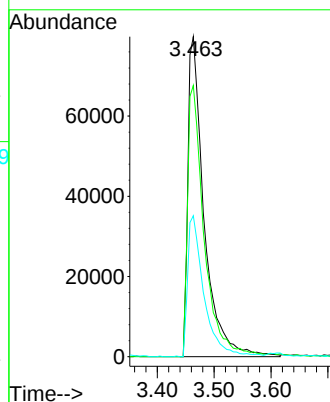
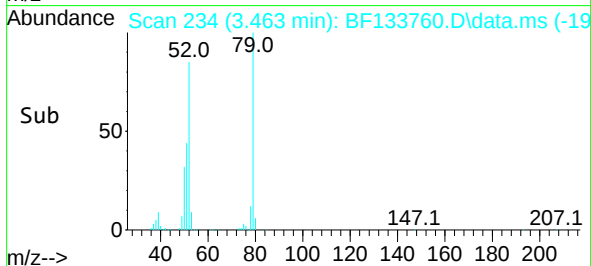
Tgt Ion:	79	Resp:	157570
Ion Ratio	Lower	Upper	
79	100		
52	84.8	68.6	102.8
51	44.1	34.8	52.2

Manual Integrations

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Supervised By :mohammad ahmed 06/16/2023



#4

n-Nitrosodimethylamine

Concen: 35.768 ng

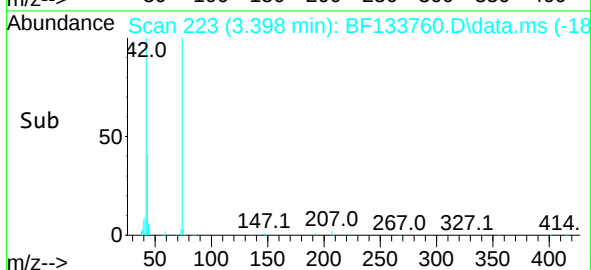
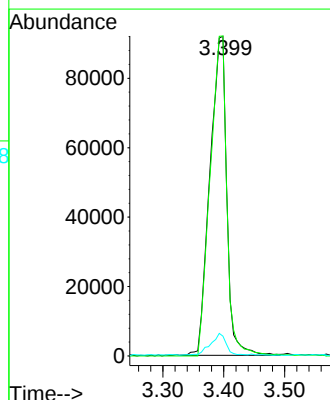
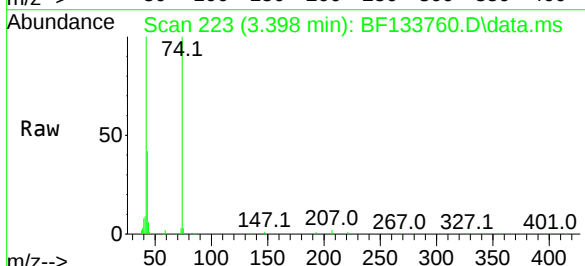
RT: 3.398 min Scan# 223

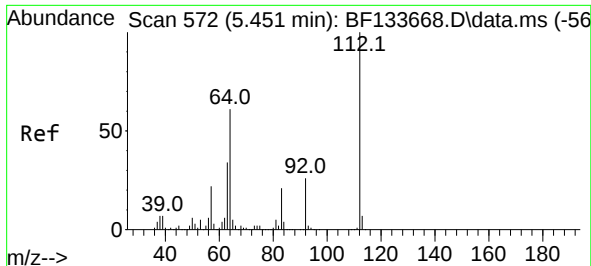
Delta R.T. 0.141 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

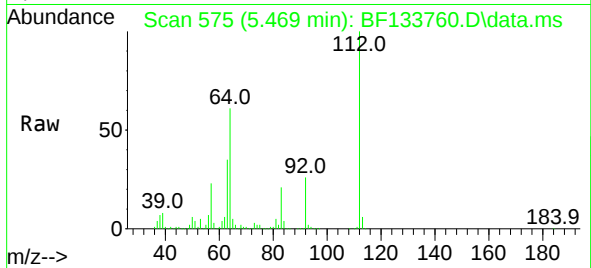
Tgt Ion:	42	Resp:	176693
Ion Ratio	Lower	Upper	
42	100		
74	100.1	79.8	119.8
44	6.2	4.7	7.1





#5
2-Fluorophenol
Concen: 100.602 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

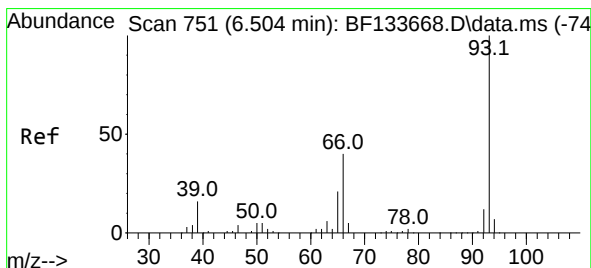
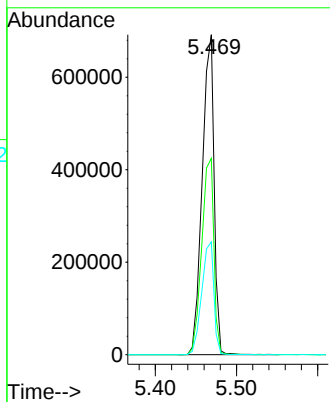
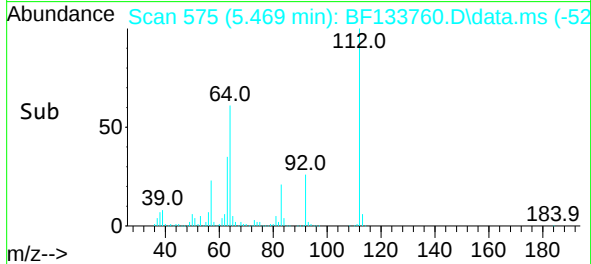
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:112 Resp: 701610
Ion Ratio Lower Upper
112 100
64 61.3 49.0 73.4
63 35.3 26.8 40.2

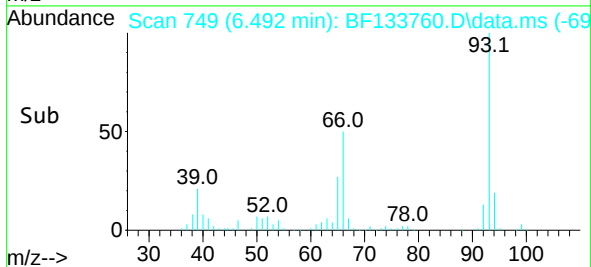
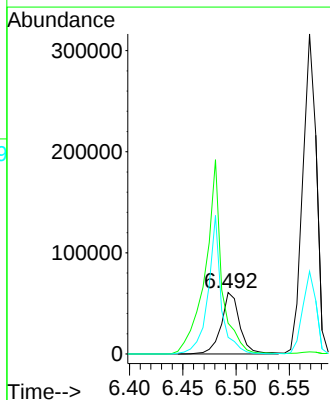
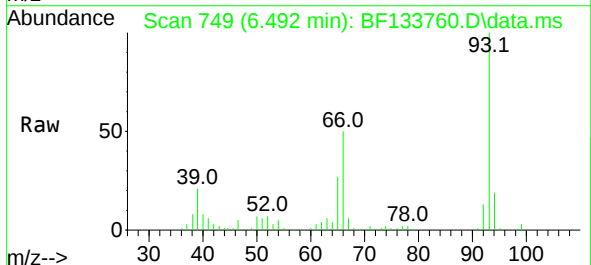
Manual Integrations
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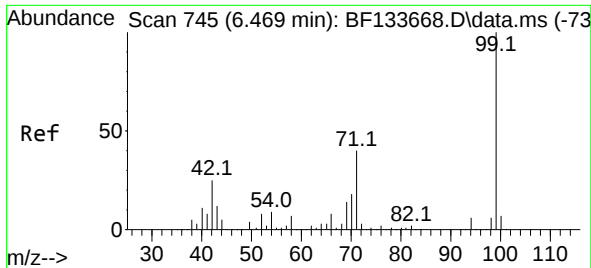
Reviewed By :Yogesh Patel 06/15/2023
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#6
Aniline
Concen: 6.410 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

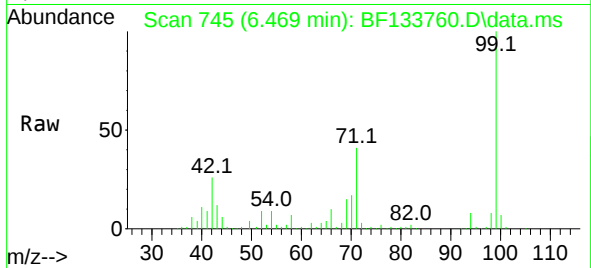
Tgt Ion: 93 Resp: 73289
Ion Ratio Lower Upper
93 100
66 49.9 34.4 51.6
65 27.1 17.5 26.3#





#7
Phenol-d6
Concen: 86.758 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

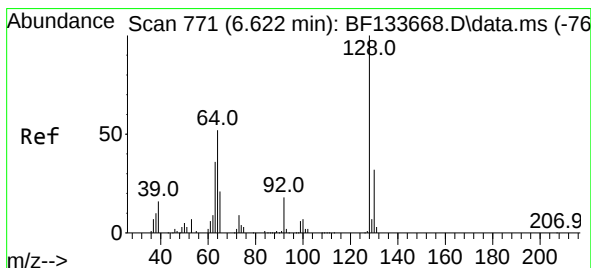
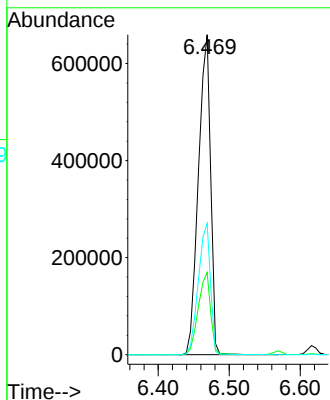
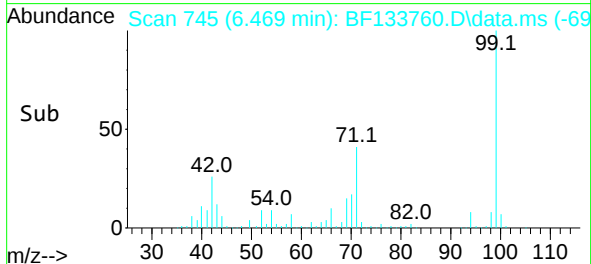
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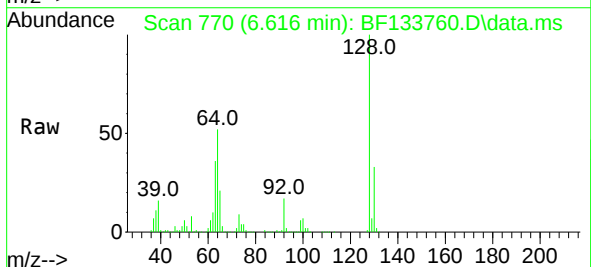
Tgt Ion: 99 Resp: 787592
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 41.0 32.2 48.4

Manual Integrations
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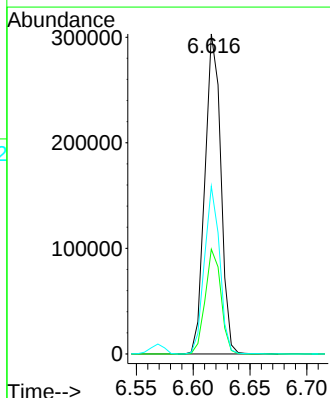
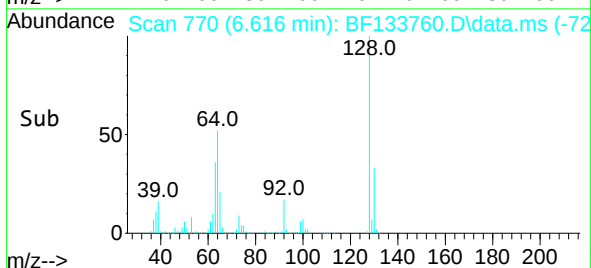
Reviewed By :Yogesh Patel 06/15/2023
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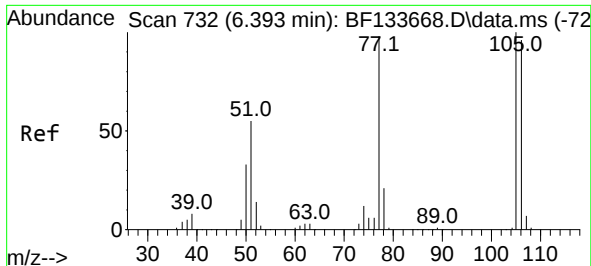


#8
2-Chlorophenol
Concen: 40.095 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion:128 Resp: 294687
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 52.4 33.1 73.1





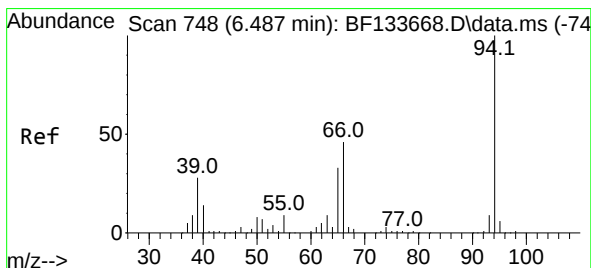
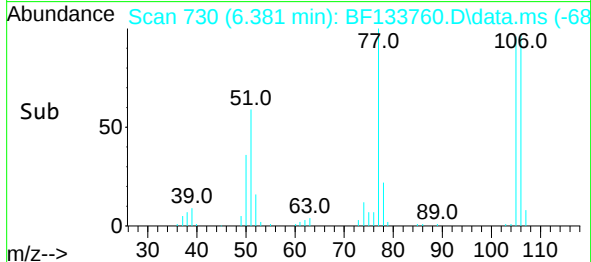
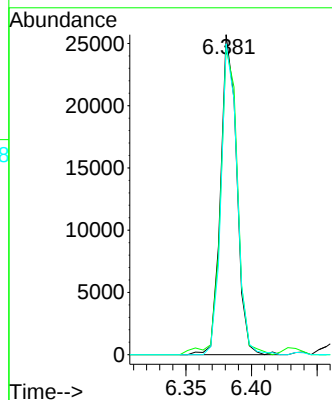
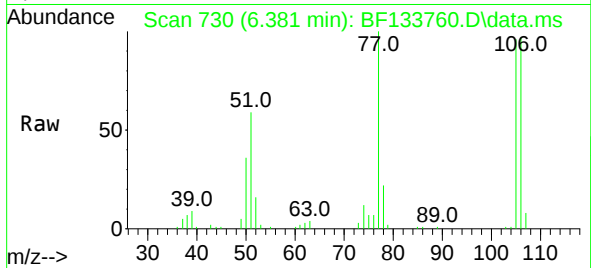
#9
Benzaldehyde
Concen: 3.642 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 77 Resp: 21930
Ion Ratio Lower Upper
77 100
105 95.8 82.0 122.0
106 97.2 77.6 117.6

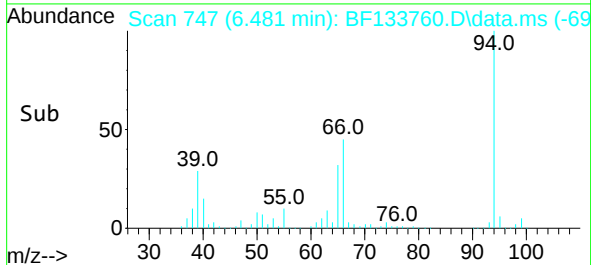
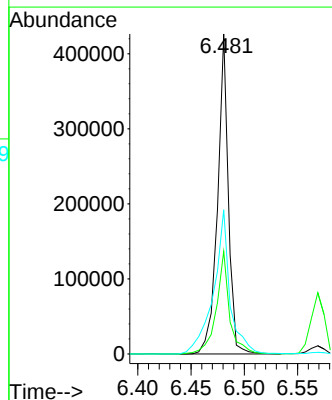
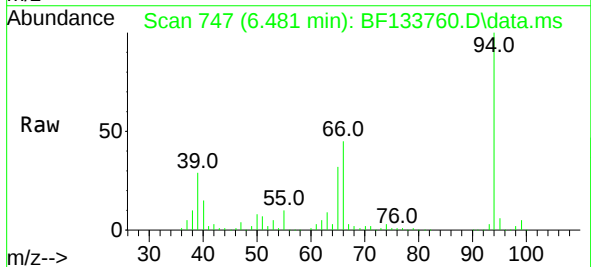
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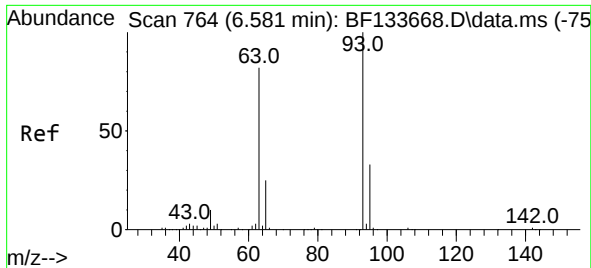
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 31.692 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Tgt Ion: 94 Resp: 300420
Ion Ratio Lower Upper
94 100
65 32.1 13.2 53.2
66 45.1 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 39.666 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 93 Resp: 27914

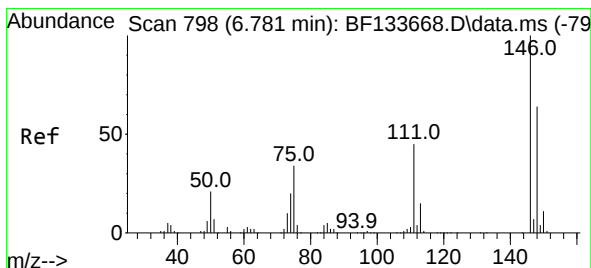
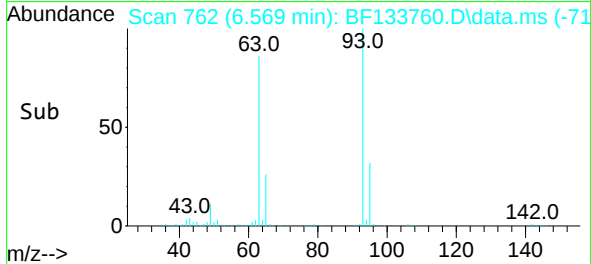
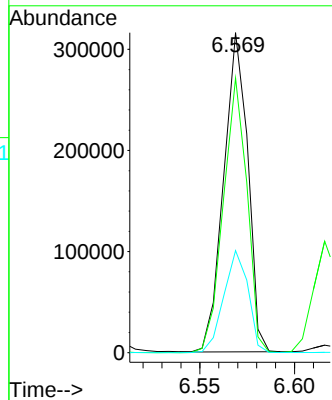
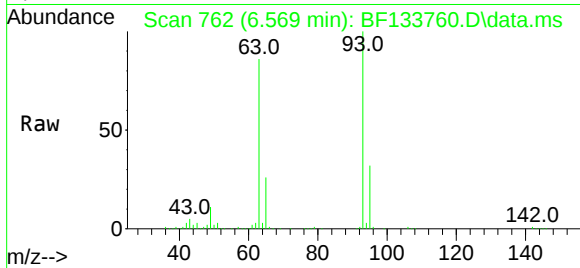
Ion	Ratio	Lower	Upper
93	100		
63	85.8	62.1	102.1
95	31.9	13.0	53.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#12

1,3-Dichlorobenzene

Concen: 39.581 ng

RT: 6.775 min Scan# 797

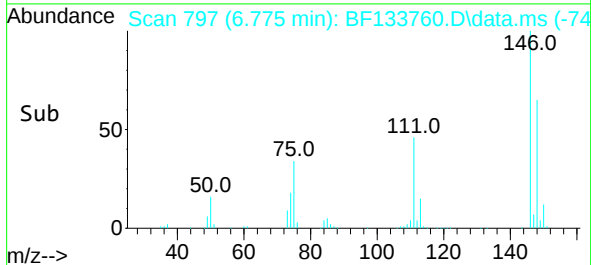
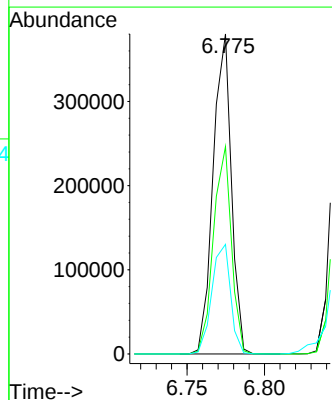
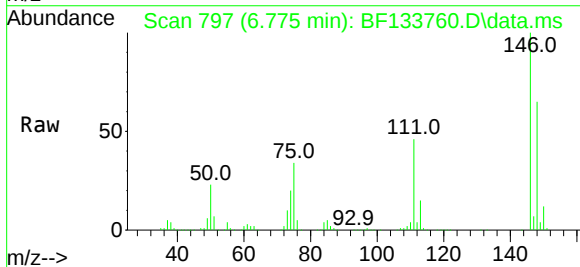
Delta R.T. -0.000 min

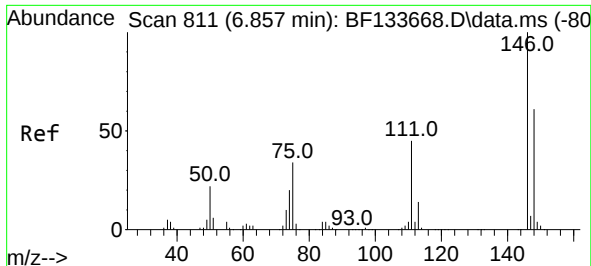
Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Tgt Ion:146 Resp: 310814

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
75	34.3	27.1	40.7





#13

1,4-Dichlorobenzene

Concen: 39.973 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:146 Resp: 31726

Ion Ratio Lower Upper

146 100

148 64.0 48.9 73.3

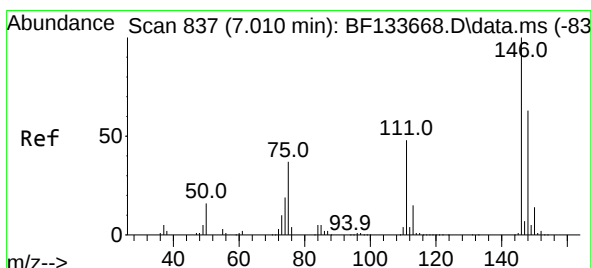
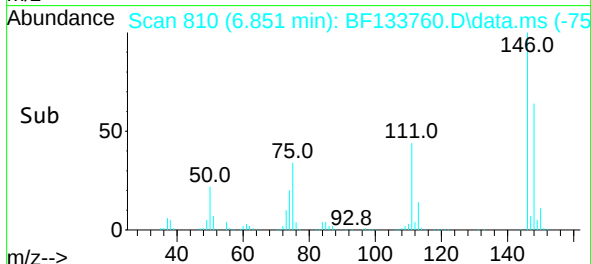
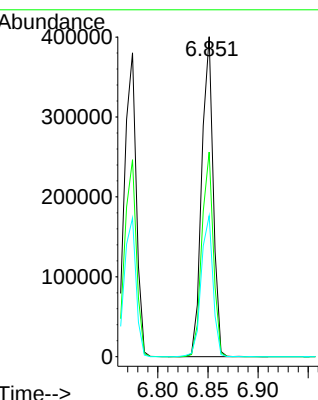
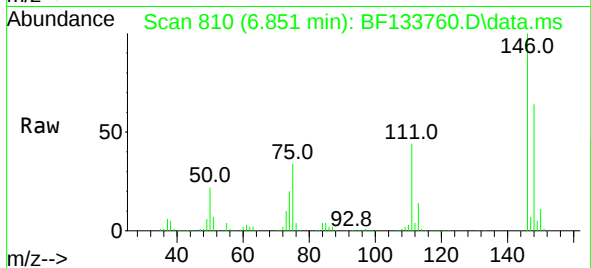
111 44.1 35.8 53.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#14

1,2-Dichlorobenzene

Concen: 42.545 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

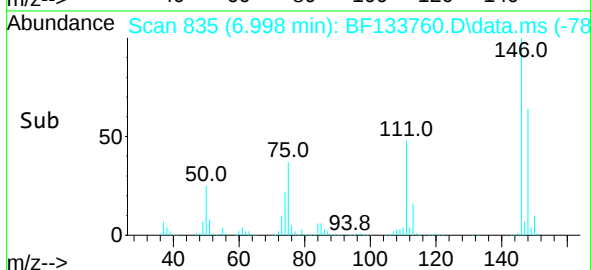
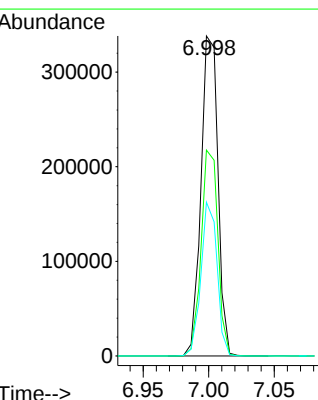
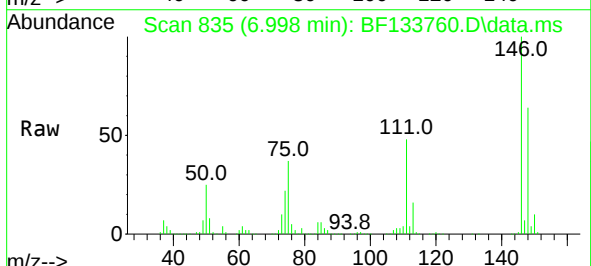
Tgt Ion:146 Resp: 305120

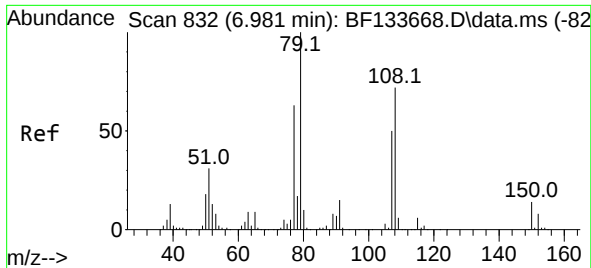
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

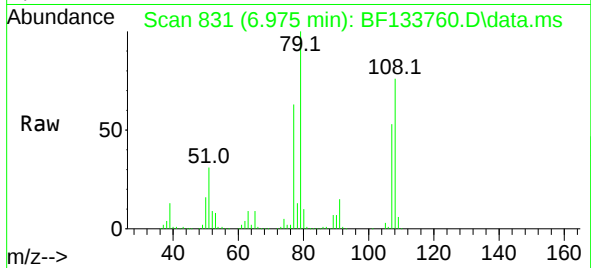
111 48.0 38.7 58.1





#15
Benzyl Alcohol
Concen: 35.711 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

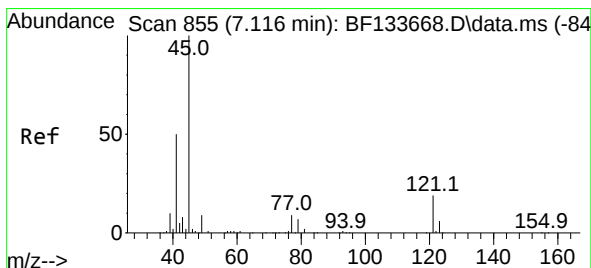
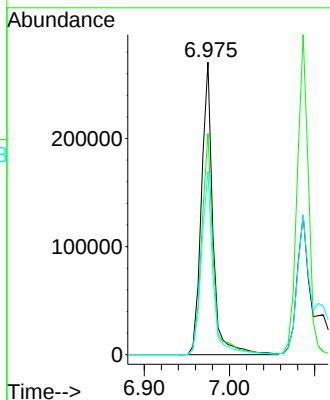
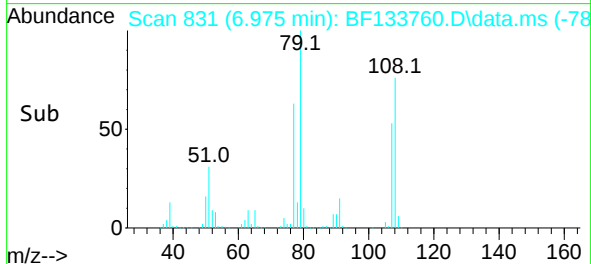
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 79 Resp: 253198
Ion Ratio Lower Upper
79 100
108 75.7 57.9 86.9
77 62.7 50.4 75.6

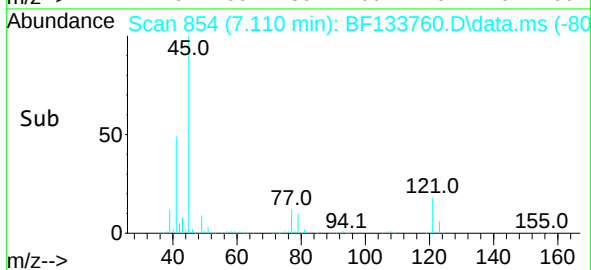
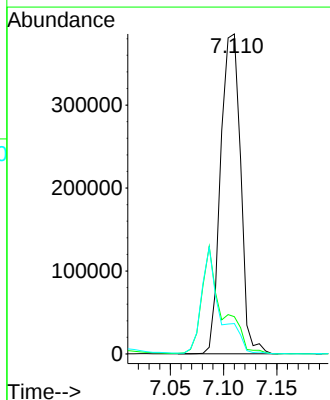
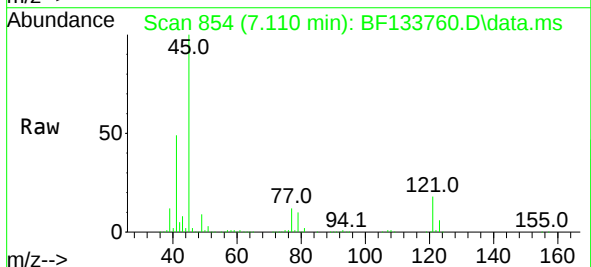
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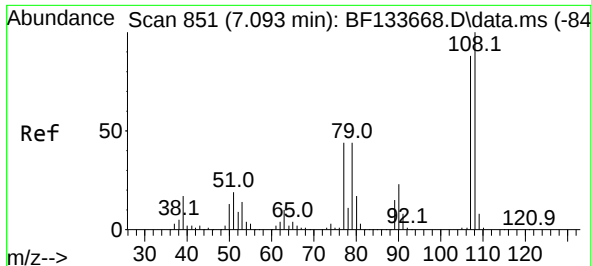
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.881 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Tgt Ion: 45 Resp: 499609
Ion Ratio Lower Upper
45 100
77 11.7 0.0 32.3
79 9.5 0.0 29.4





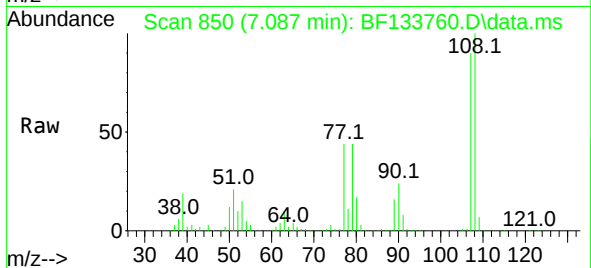
#17
2-Methylphenol
Concen: 36.564 ng
RT: 7.087 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

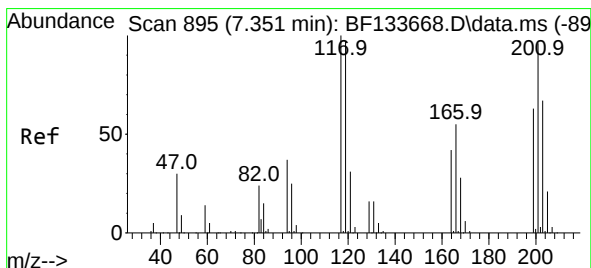
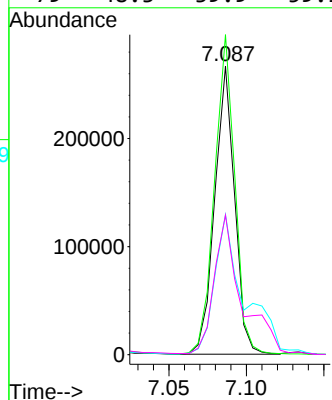


Tgt Ion:107 Resp: 238194
Ion Ratio Lower Upper
107 100
108 110.9 90.9 136.3
77 48.5 39.8 59.6
79 48.3 39.9 59.9

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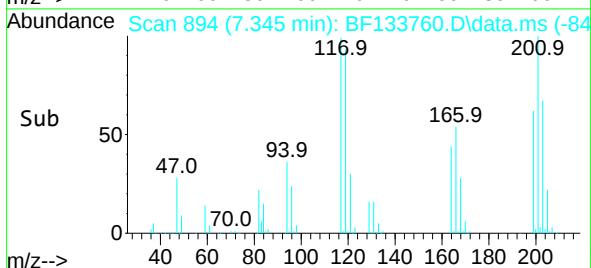
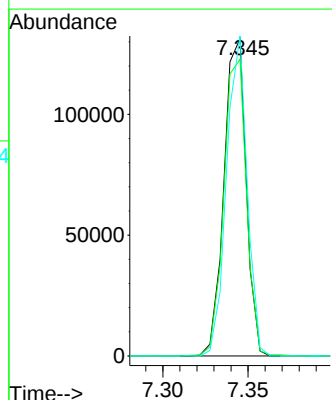
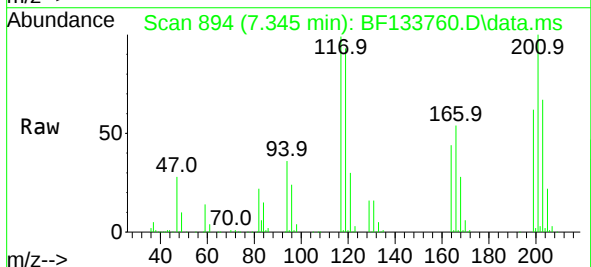
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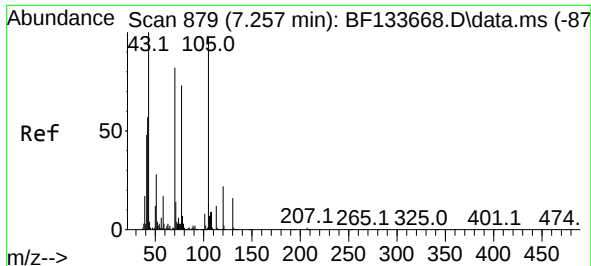
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 43.657 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

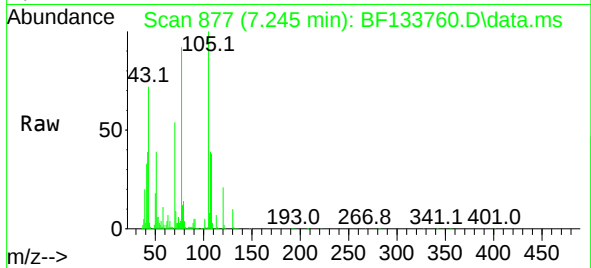
Tgt Ion:117 Resp: 118624
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
201 100.8 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 37.529 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

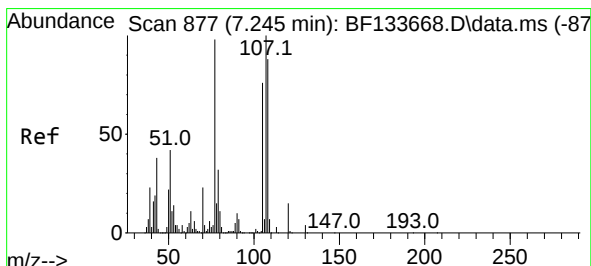
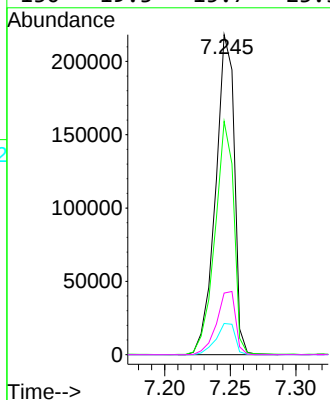
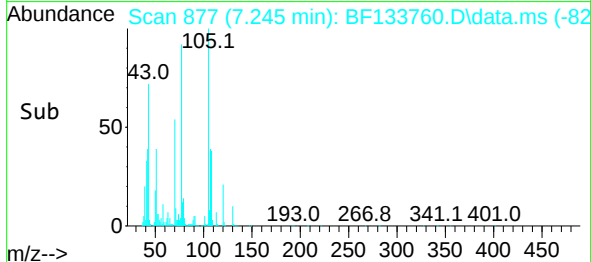
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 70 Resp: 21676
Ion Ratio Lower Upper
70 100
42 72.9 55.8 83.8
101 9.8 8.1 12.1
130 19.3 15.7 23.5

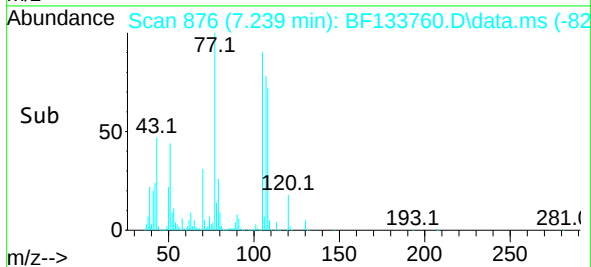
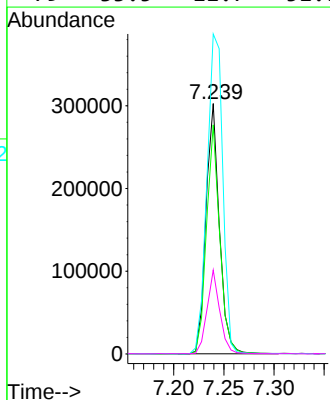
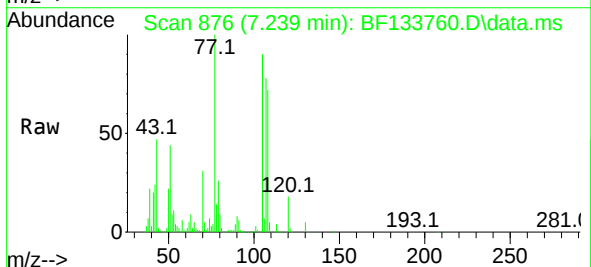
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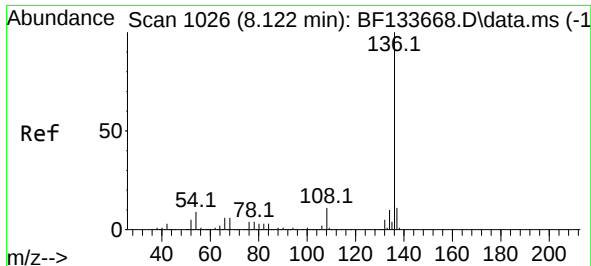
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#20
3+4-Methylphenols
Concen: 33.433 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

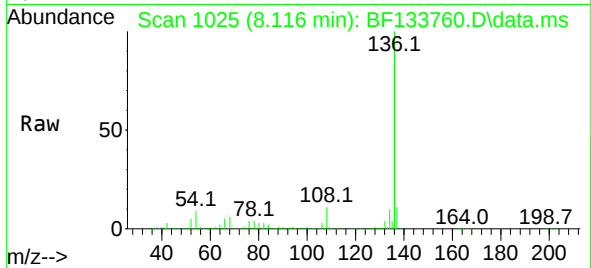
Tgt Ion:107 Resp: 283325
Ion Ratio Lower Upper
107 100
108 91.5 67.9 107.9
77 127.8 77.7 117.7#
79 33.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

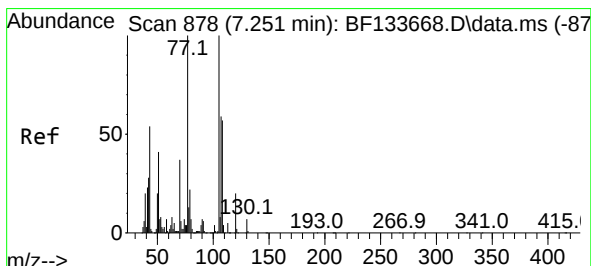
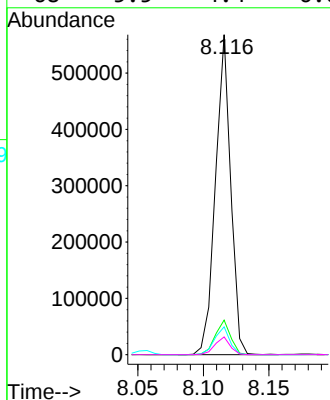
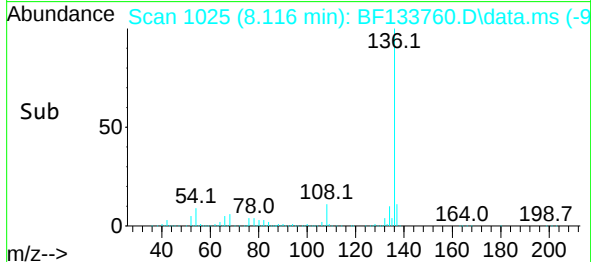
Instrument :
BNA_F
ClientSampleId :
TP-1MS



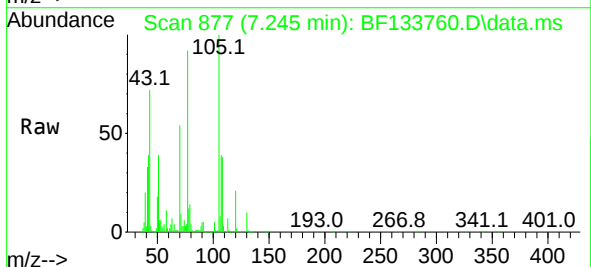
Tgt Ion:136 Resp: 458084
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.7 7.4 11.0
68 5.5 4.4 6.6

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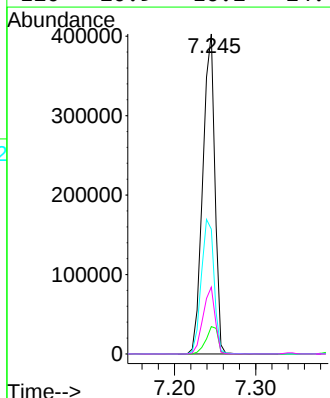
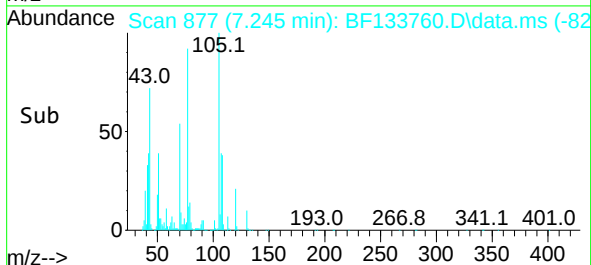
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

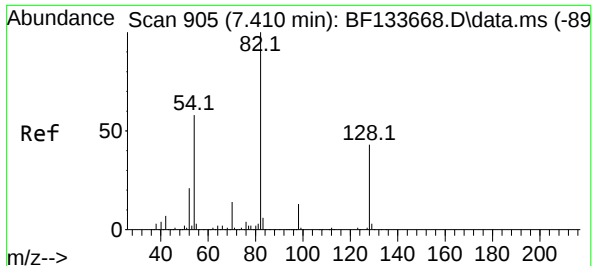


#22
Acetophenone
Concen: 39.622 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion:105 Resp: 416280
Ion Ratio Lower Upper
105 100
71 8.6 4.8 7.2#
51 39.0 33.0 49.4
120 20.9 16.2 24.4





#23

Nitrobenzene-d5

Concen: 73.734 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

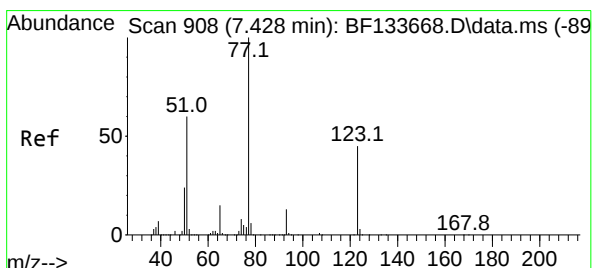
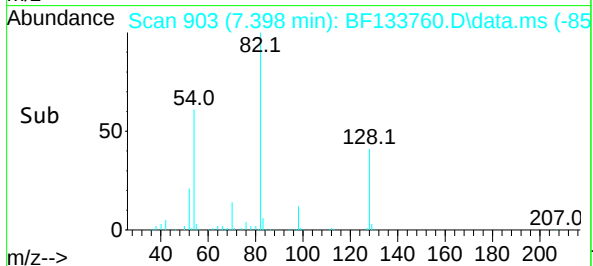
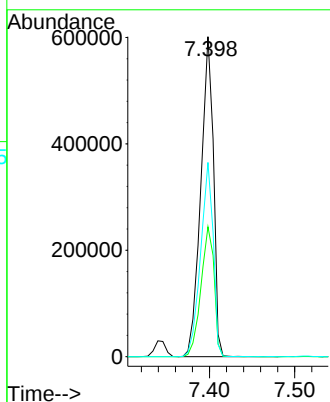
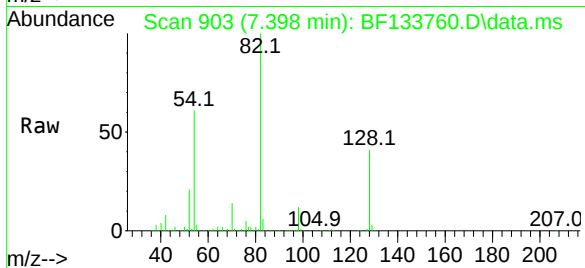
TP-1MS

Tgt Ion: 82 Resp: 620125
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.2 51.2
 54 60.7 46.5 69.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#24

Nitrobenzene

Concen: 38.768 ng

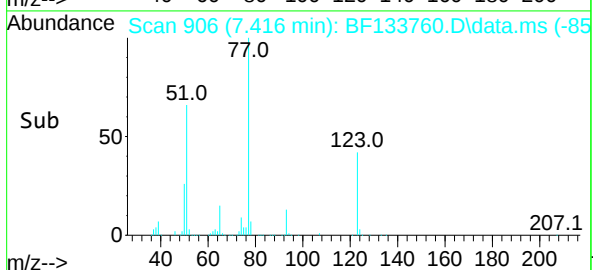
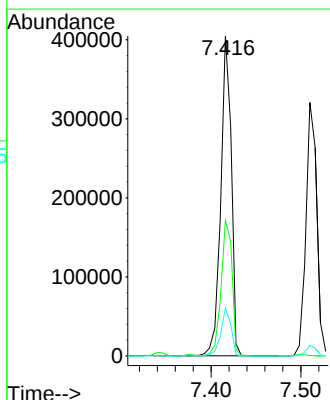
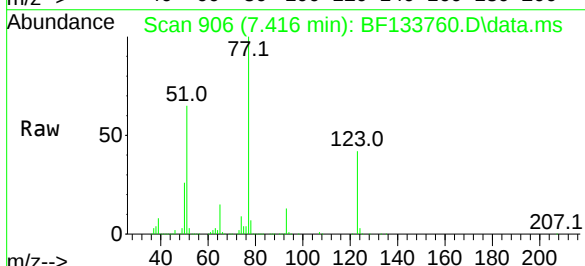
RT: 7.416 min Scan# 906

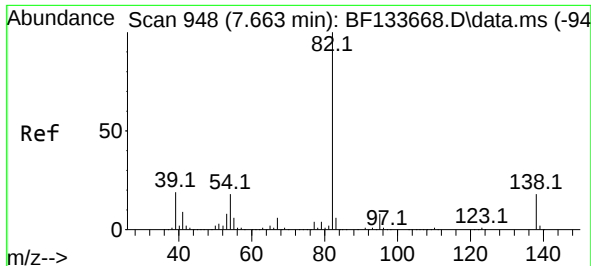
Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Tgt Ion: 77 Resp: 328315
 Ion Ratio Lower Upper
 77 100
 123 42.3 35.8 53.8
 65 15.0 11.6 17.4





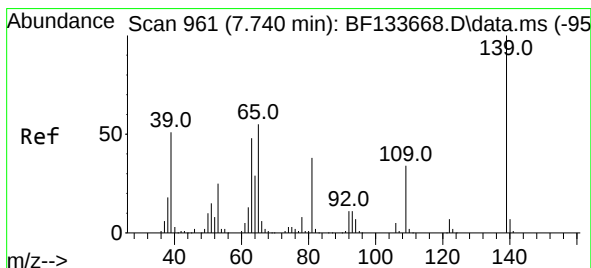
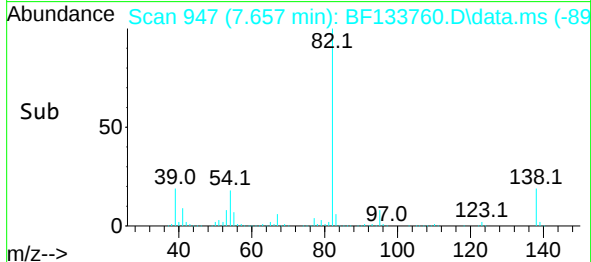
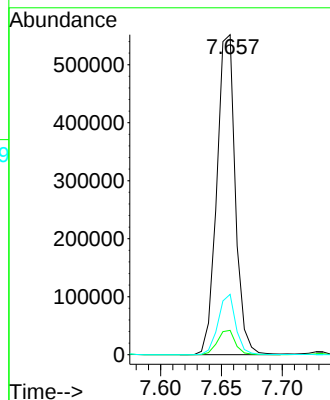
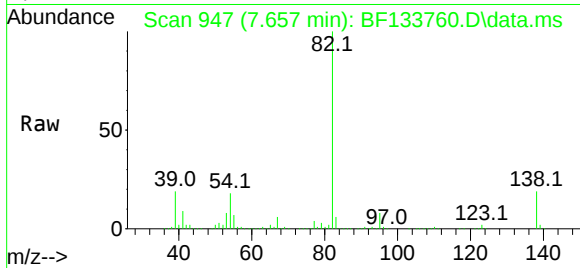
#25
Isophorone
Concen: 37.813 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 82 Resp: 58385
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.8 14.2 21.2

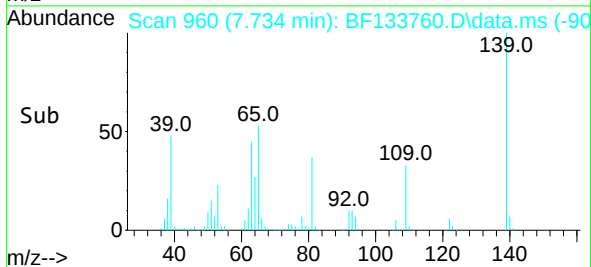
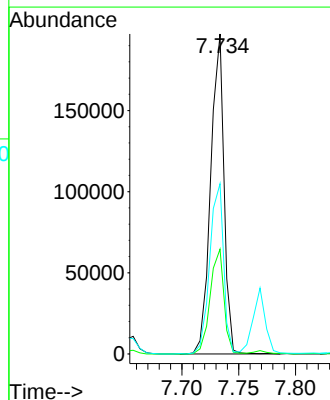
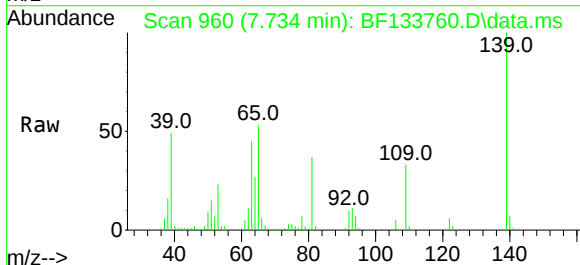
Manual Integrations
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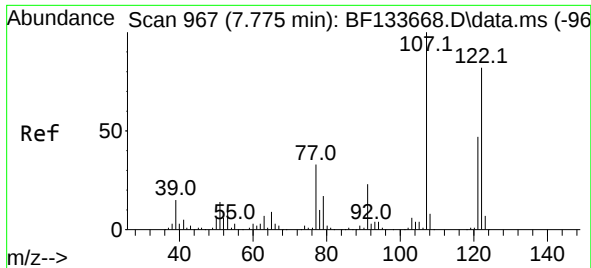
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#26
2-Nitrophenol
Concen: 42.245 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

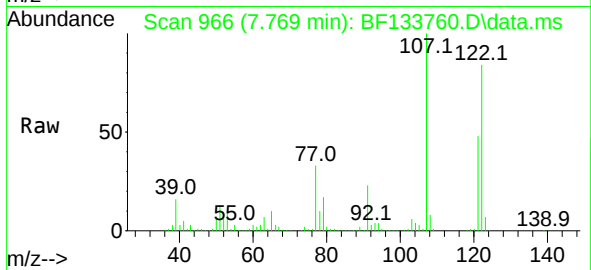
Tgt Ion:139 Resp: 160558
Ion Ratio Lower Upper
139 100
109 32.8 27.0 40.6
65 53.2 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 39.940 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

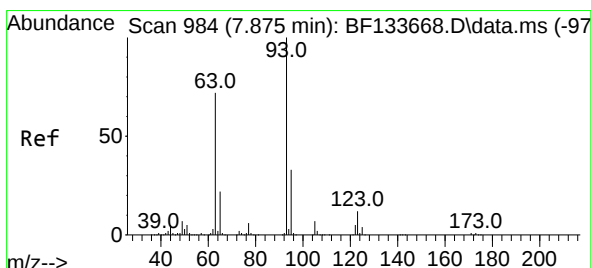
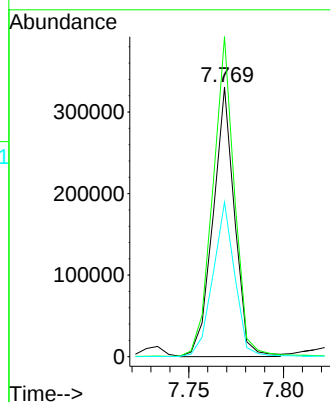
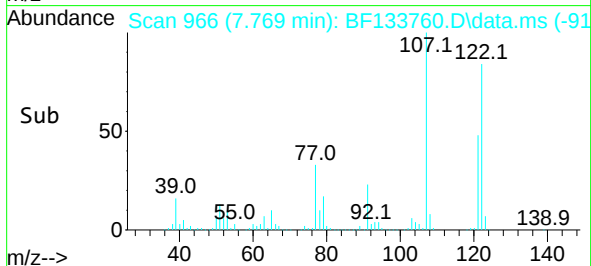
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:122 Resp: 261639
Ion Ratio Lower Upper
122 100
107 118.7 97.8 146.6
121 57.3 46.1 69.1

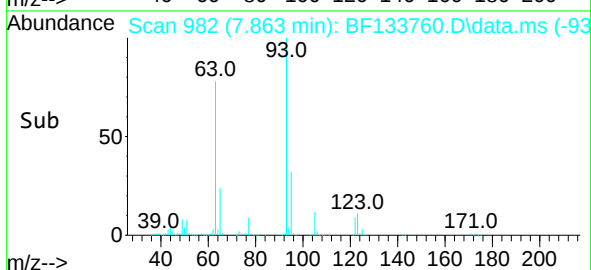
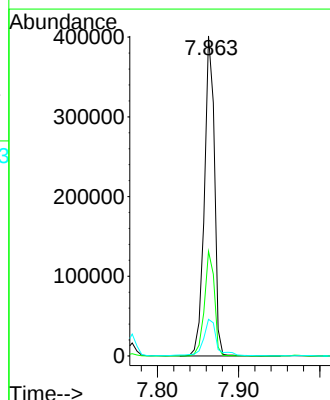
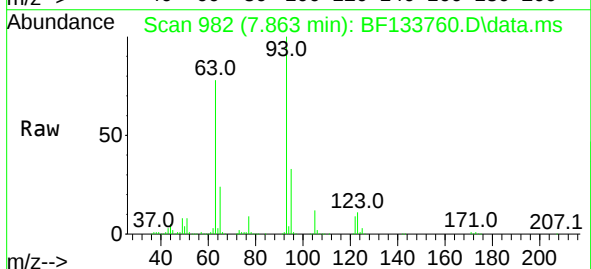
Manual Integrations
APPROVED

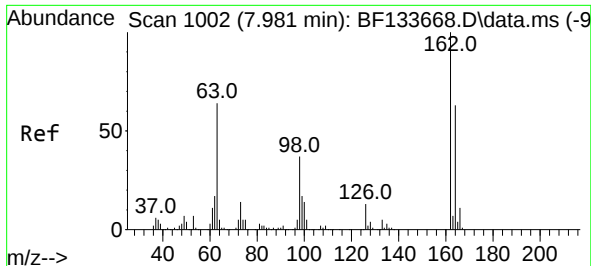
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.712 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Tgt Ion: 93 Resp: 345468
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 11.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 37.778 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

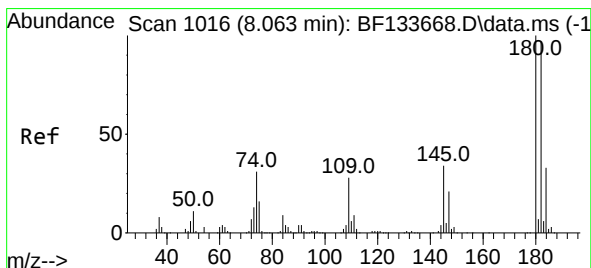
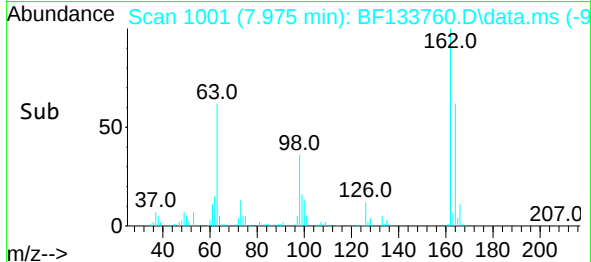
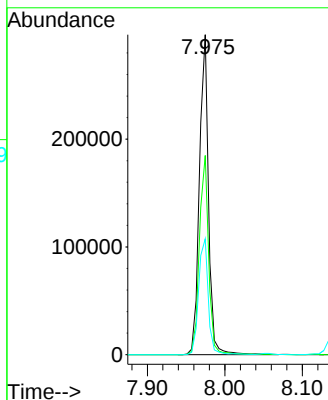
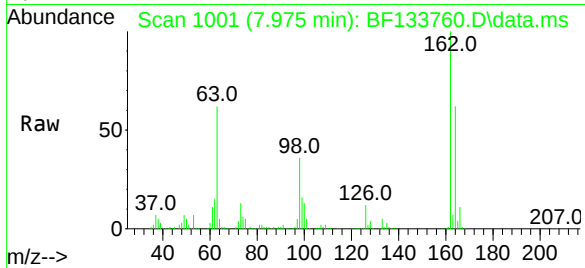
Tgt Ion:162 Resp: 242540
 Ion Ratio Lower Upper
 162 100
 164 62.2 43.4 83.4
 98 36.2 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.991 ng

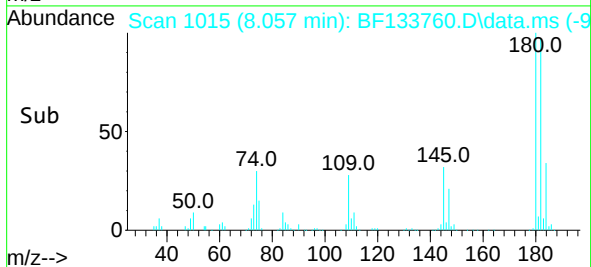
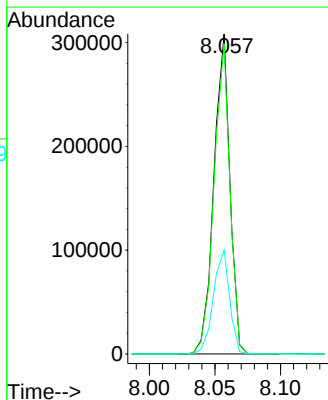
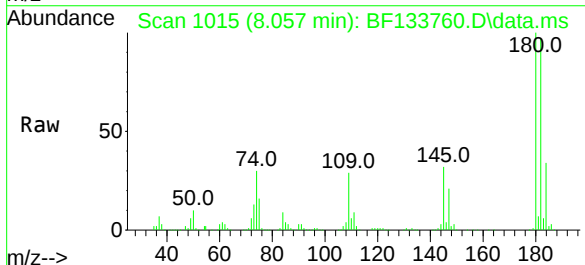
RT: 8.057 min Scan# 1015

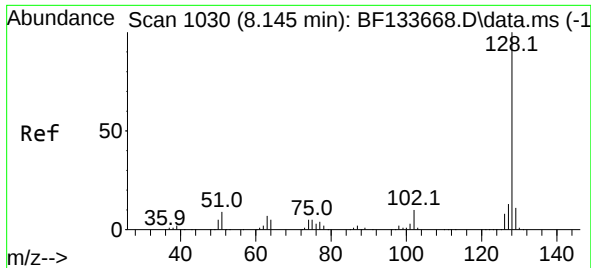
Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

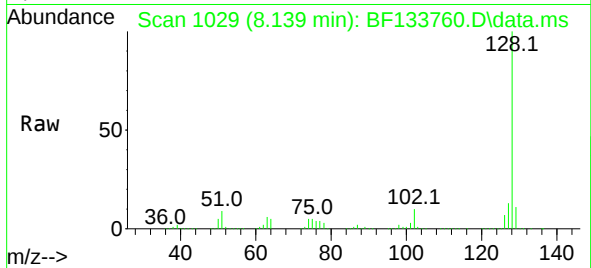
Tgt Ion:180 Resp: 261183
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.8 116.8
 145 32.4 27.0 40.4





#31
Naphthalene
Concen: 38.241 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

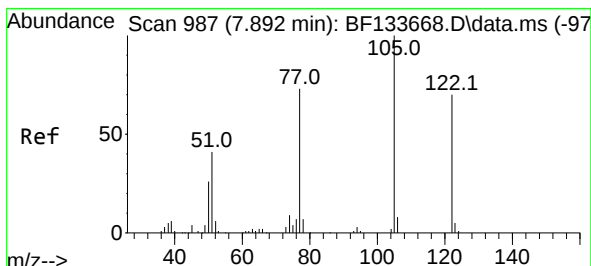
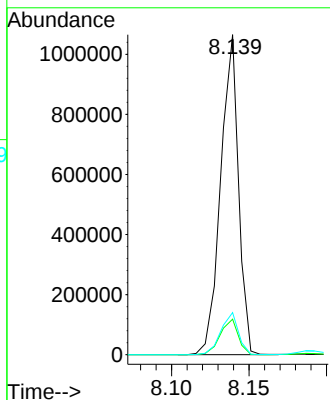
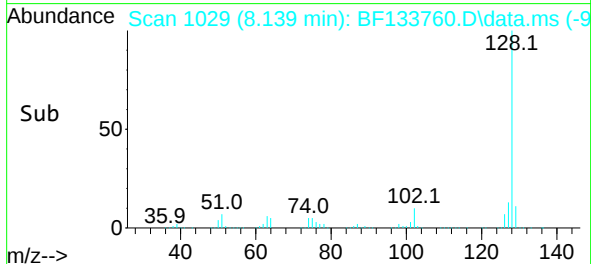
Instrument :
BNA_F
ClientSampleId :
TP-1MS



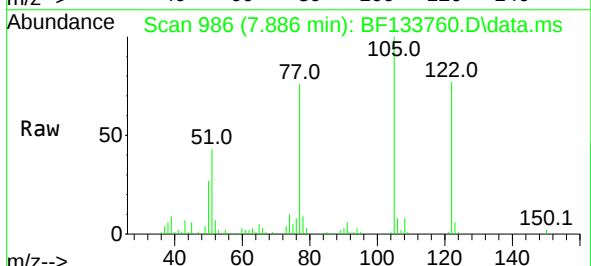
Tgt Ion:128 Resp: 853452
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7

Manual Integrations
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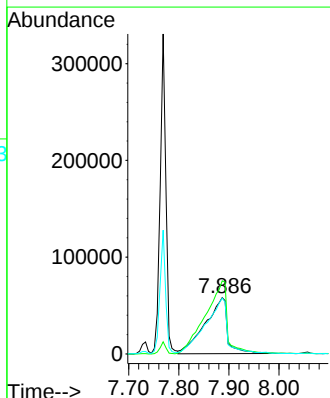
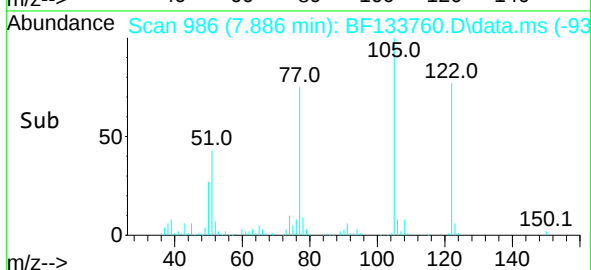
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

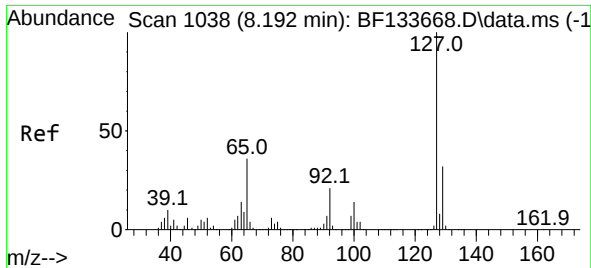


#32
Benzoic acid
Concen: 43.960 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion:122 Resp: 181618
Ion Ratio Lower Upper
122 100
105 129.9 116.3 156.3
77 99.1 82.4 122.4





#33
4-Chloroaniline
Concen: 2.028 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

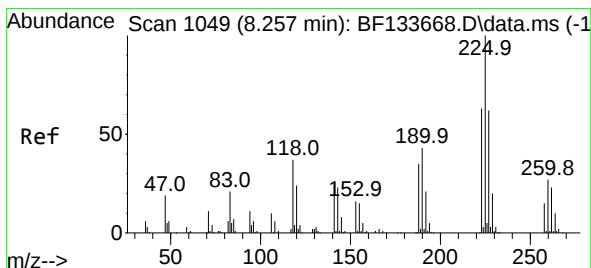
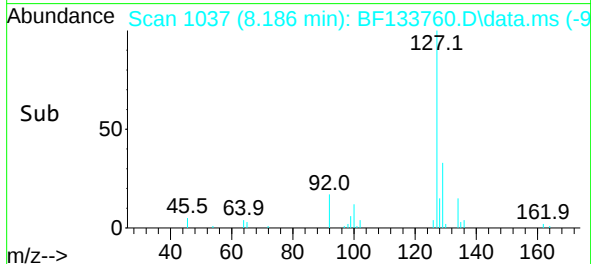
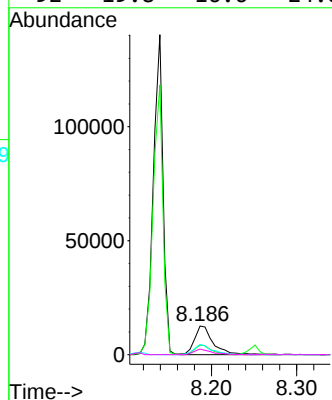
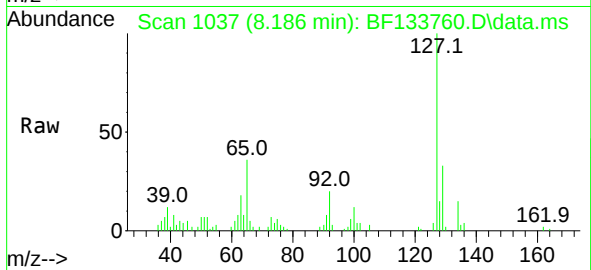
Tgt Ion:	127	Resp:	1935
Ion Ratio	Lower	Upper	
127	100		
129	33.3	25.6	38.4
65	35.8	28.9	43.3
92	19.8	16.6	24.8

Manual Integrations

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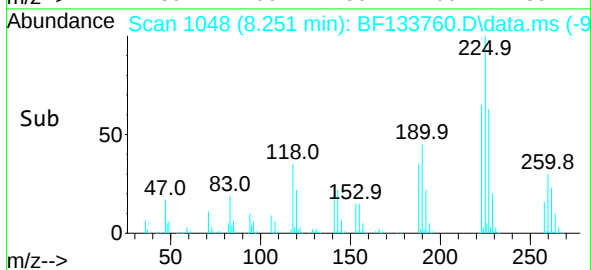
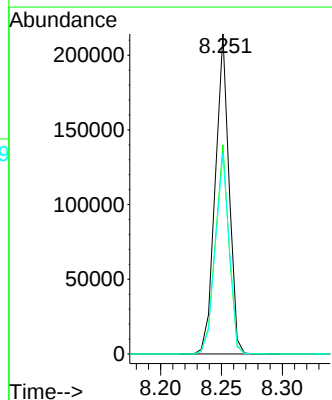
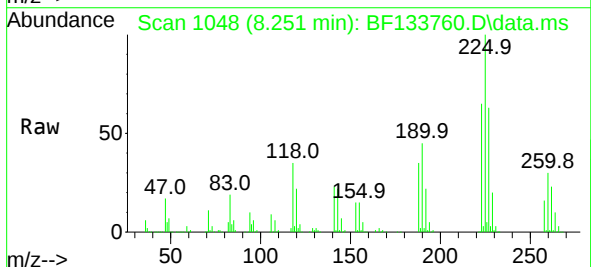
Reviewed By :Yogesh Patel 06/15/2023

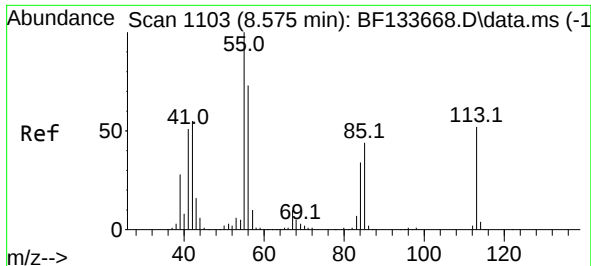
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 38.499 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

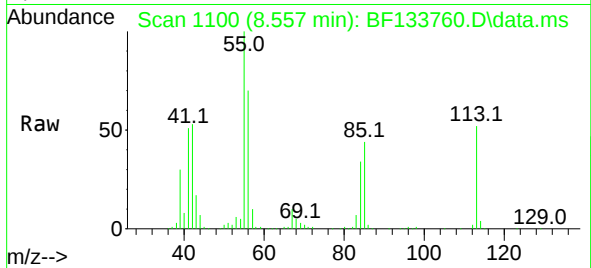
Tgt Ion:	225	Resp:	168845
Ion Ratio	Lower	Upper	
225	100		
223	65.4	50.2	75.4
227	62.7	49.5	74.3





#35
 Caprolactam
 Concen: 33.006 ng m
 RT: 8.557 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF133760.D
 Acq: 14 Jun 2023 19:54

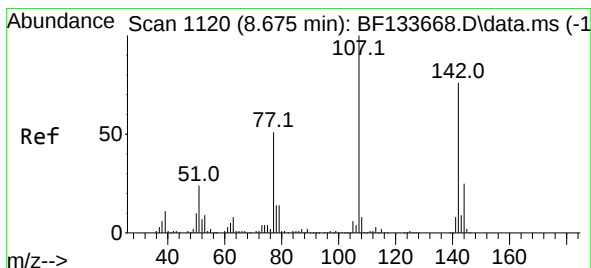
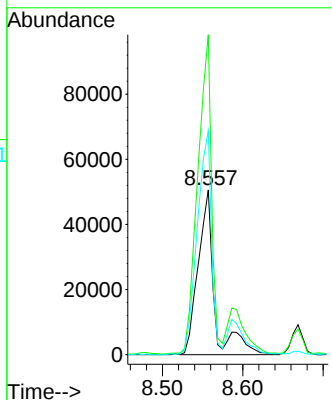
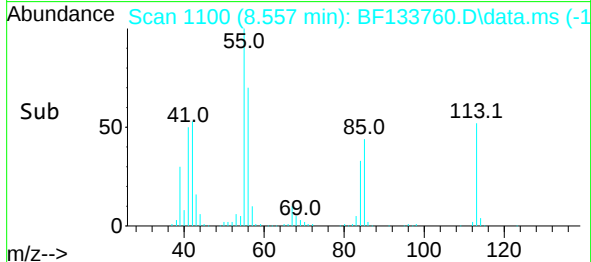
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



Tgt Ion:113 Resp: 7130
 Ion Ratio Lower Upper
 113 100
 55 194.1 173.3 213.3
 56 135.5 120.5 160.5

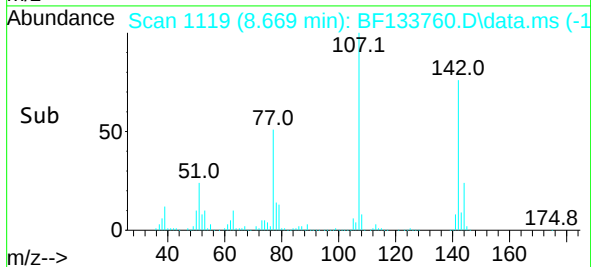
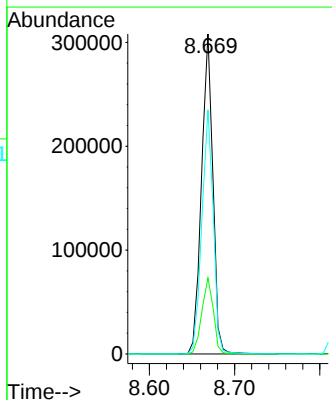
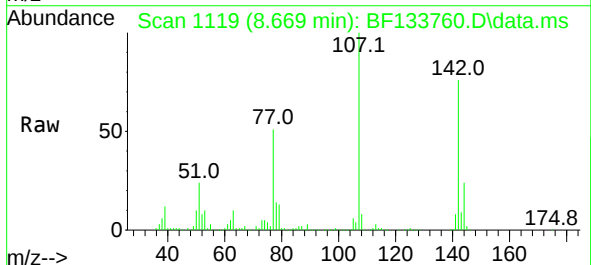
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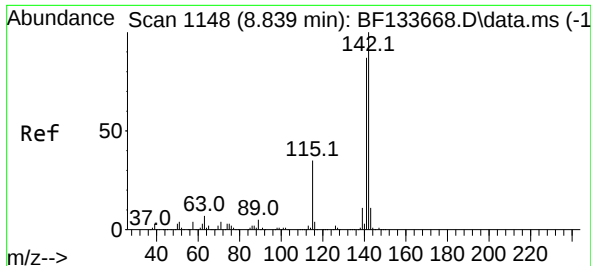
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#36
 4-Chloro-3-methylphenol
 Concen: 38.692 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BF133760.D
 Acq: 14 Jun 2023 19:54

Tgt Ion:107 Resp: 286335
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.7 29.5
 142 76.3 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.194 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 60776

Ion Ratio Lower Upper

142 100

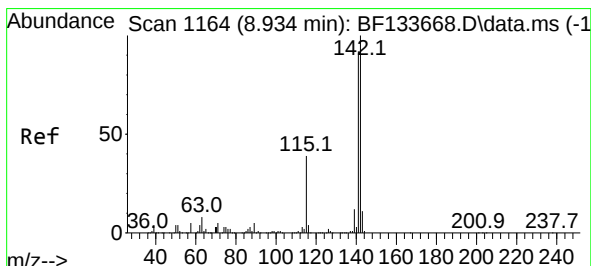
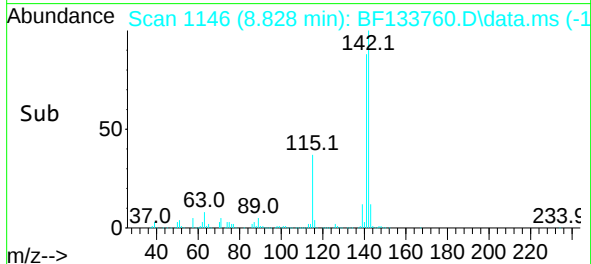
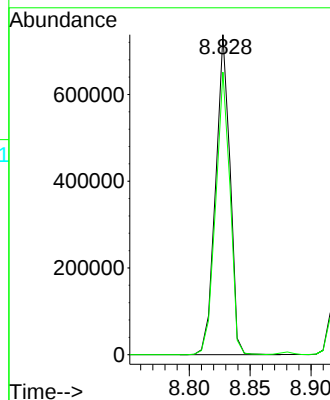
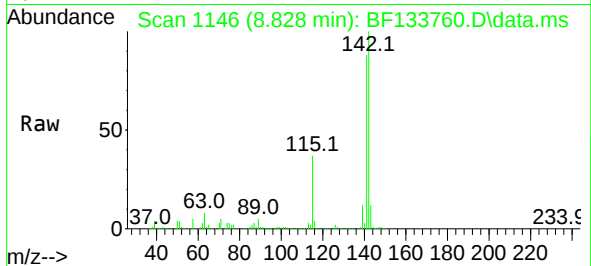
141 88.3 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#38

1-Methylnaphthalene

Concen: 39.368 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF133760.D

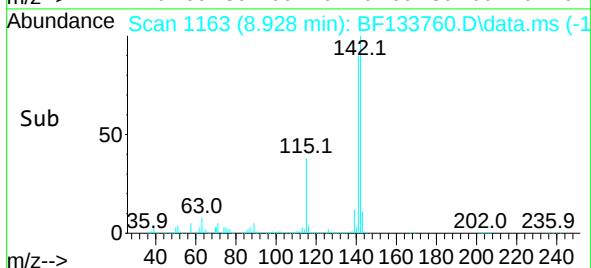
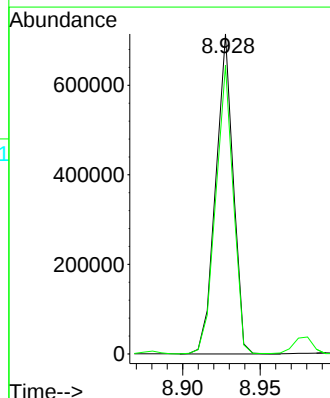
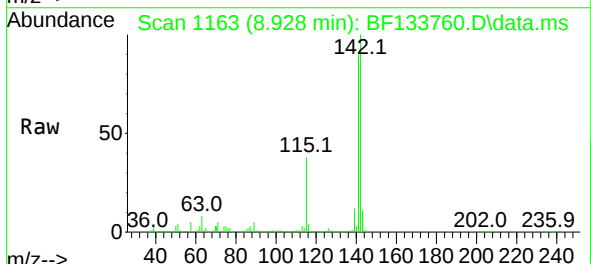
Acq: 14 Jun 2023 19:54

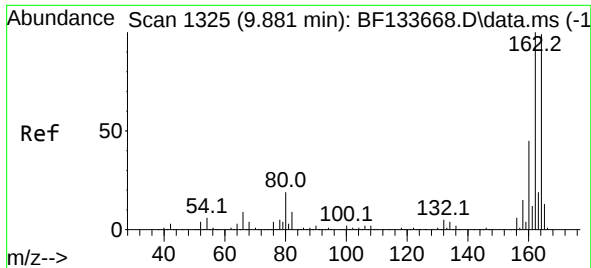
Tgt Ion:142 Resp: 561755

Ion Ratio Lower Upper

142 100

141 90.2 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF133760.D

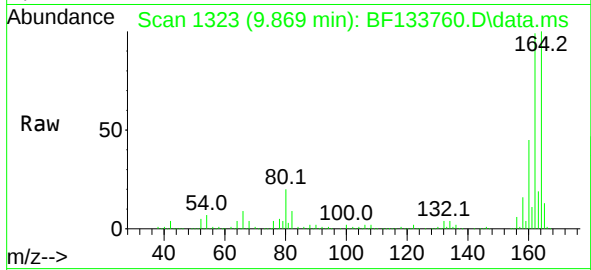
Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS



Tgt Ion:164 Resp: 23127

Ion Ratio Lower Upper

164 100

162 99.0 80.8 121.2

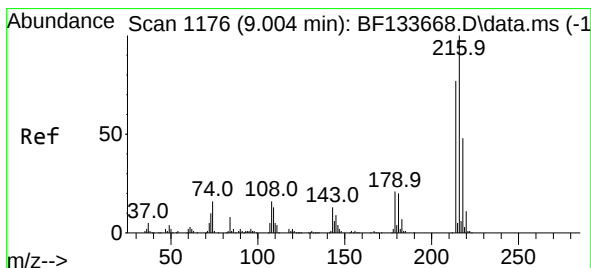
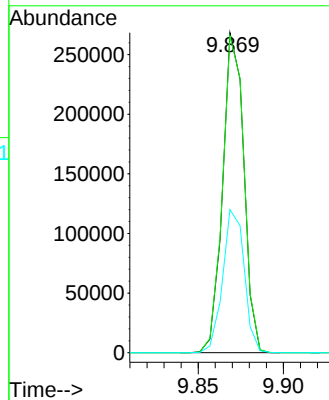
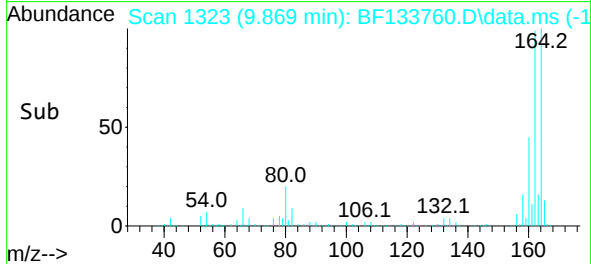
160 44.7 36.7 55.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.463 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Tgt Ion:216 Resp: 284499

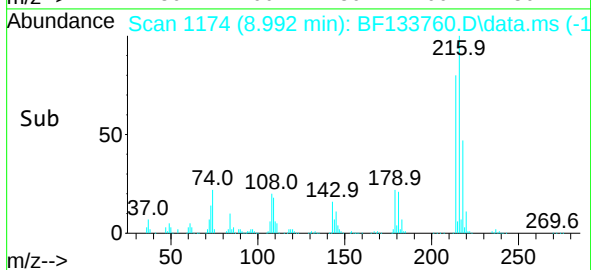
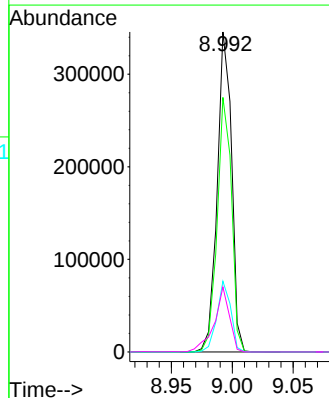
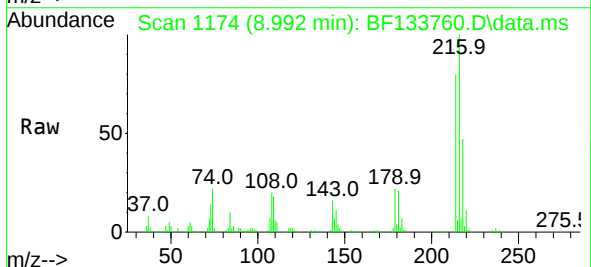
Ion Ratio Lower Upper

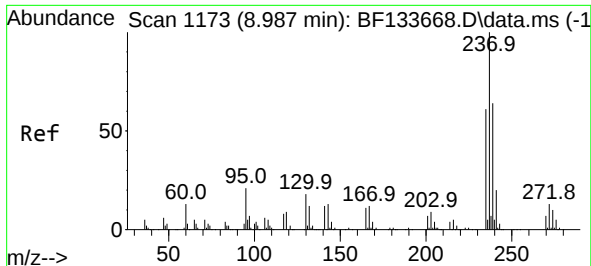
216 100

214 79.1 62.7 94.1

179 21.4 17.6 26.4

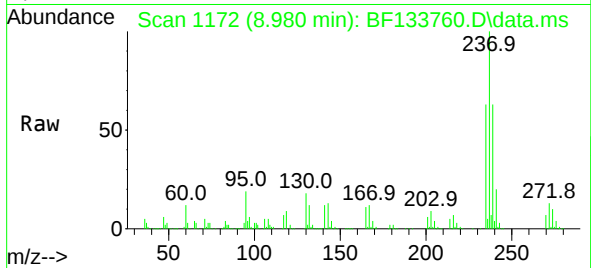
108 21.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 85.308 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

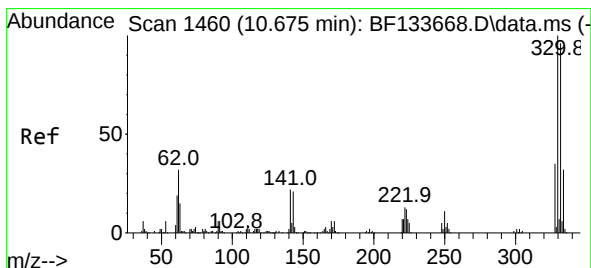
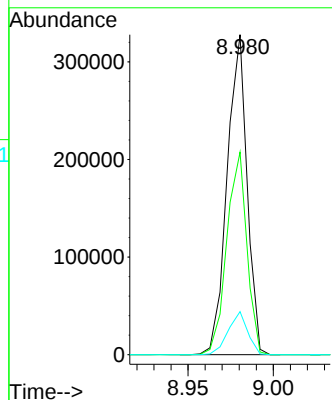
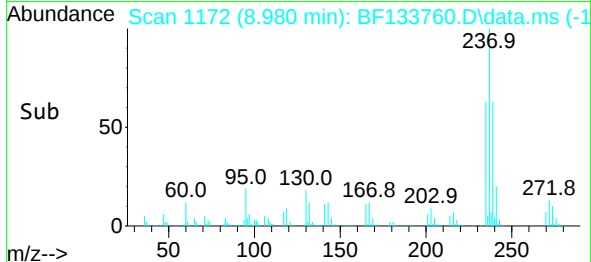
Instrument :
BNA_F
ClientSampleId :
TP-1MS



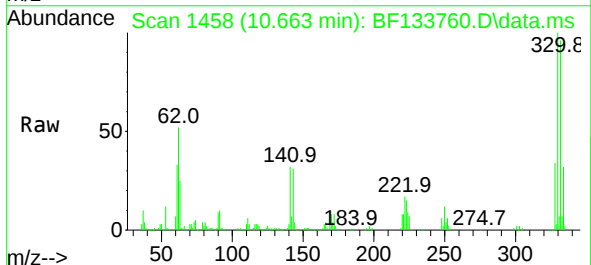
Tgt Ion: 237 Resp: 267292
Ion Ratio Lower Upper
237 100
235 63.3 40.6 80.6
272 13.4 0.0 32.6

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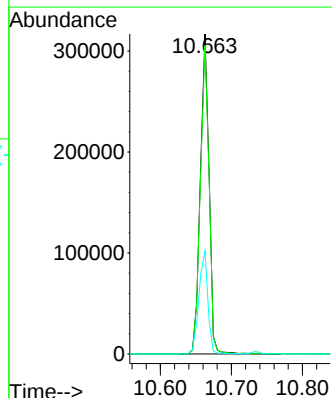
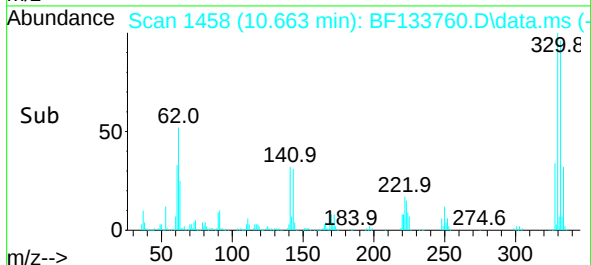
Reviewed By : Yogesh Patel 06/15/2023
Supervised By : mohammad ahmed 06/16/2023

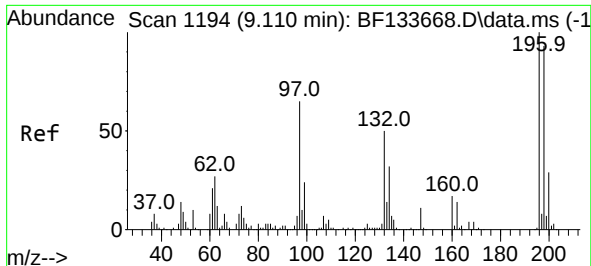


#42
2,4,6-Tribromophenol
Concen: 92.777 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion: 330 Resp: 271609
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 33.3 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 40.033 ng

RT: 9.104 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:196 Resp: 188092

Ion Ratio Lower Upper

196 100

198 95.4 74.5 111.7

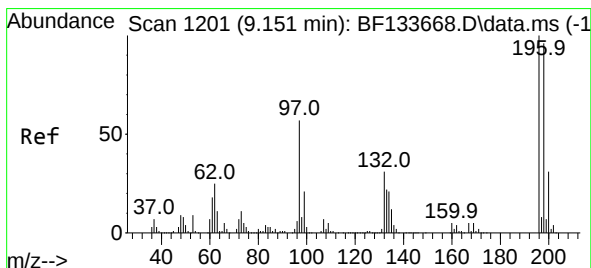
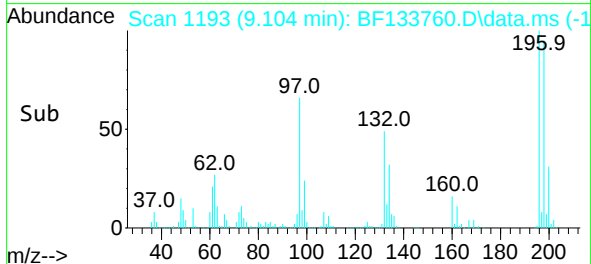
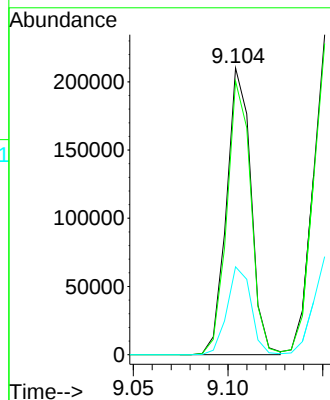
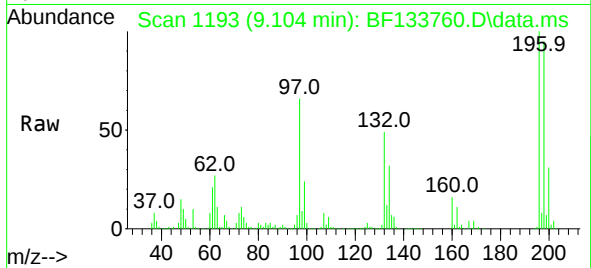
200 30.6 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#44

2,4,5-Trichlorophenol

Concen: 35.167 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Tgt Ion:196 Resp: 192224

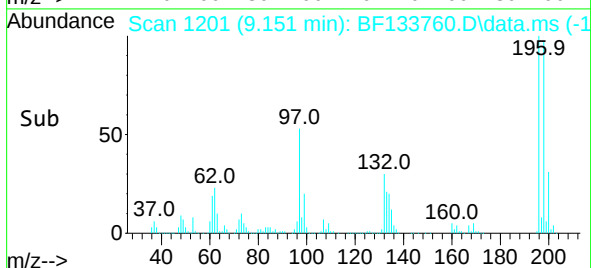
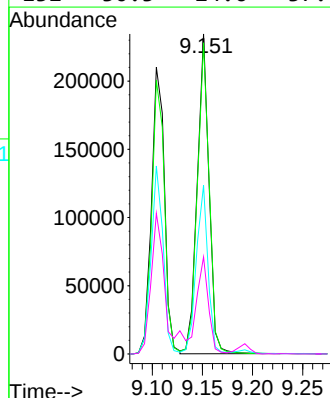
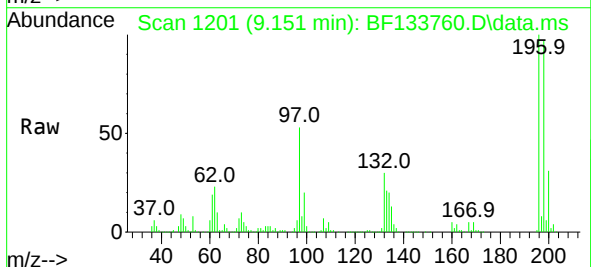
Ion Ratio Lower Upper

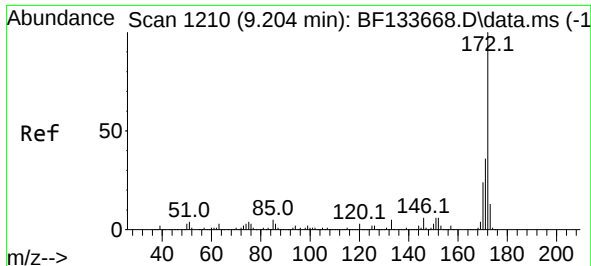
196 100

198 97.3 76.8 115.2

97 52.7 45.4 68.2

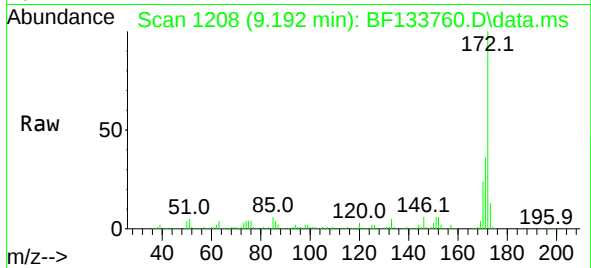
132 30.3 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 71.653 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

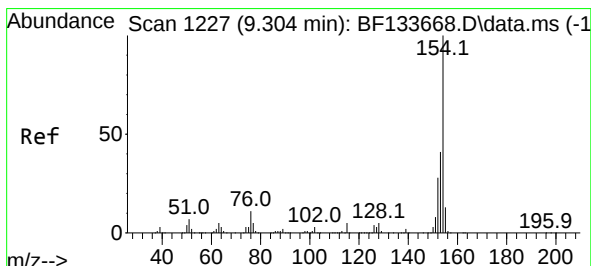
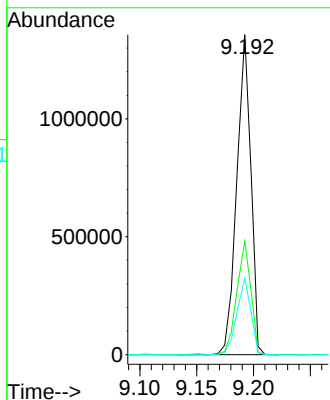
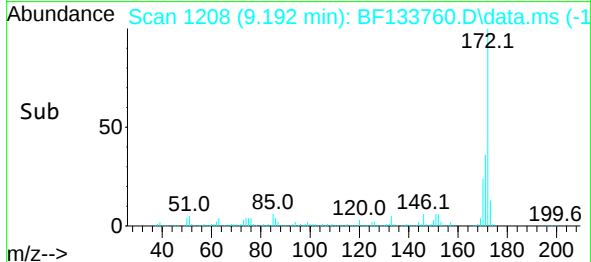
Instrument :
BNA_F
ClientSampleId :
TP-1MS



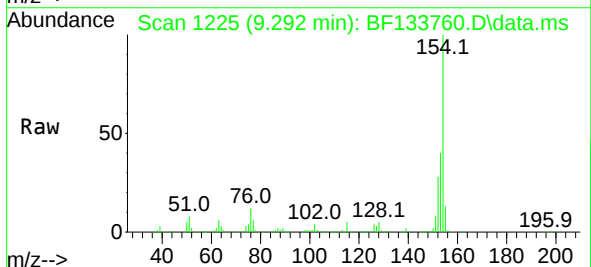
Tgt Ion:172 Resp: 1165780
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.1 28.7

Manual Integrations
APPROVED

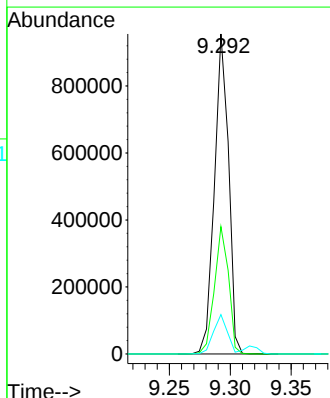
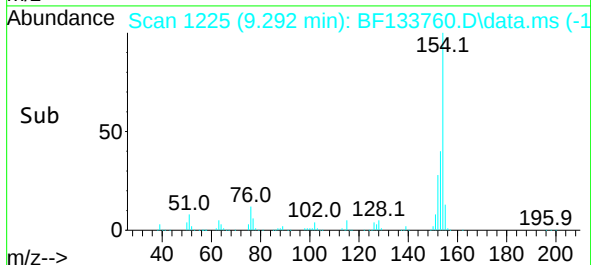
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

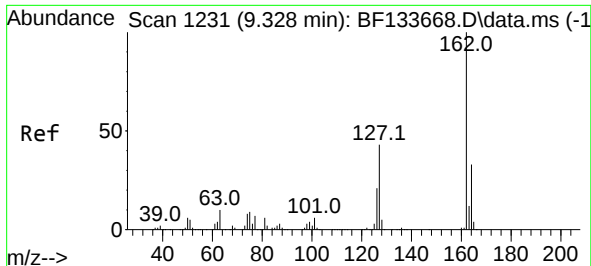


#46
1,1'-Biphenyl
Concen: 41.270 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion:154 Resp: 769802
Ion Ratio Lower Upper
154 100
153 39.8 20.6 60.6
76 12.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 41.643 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:162 Resp: 55718

Ion Ratio Lower Upper

162 100

127 43.9 34.6 52.0

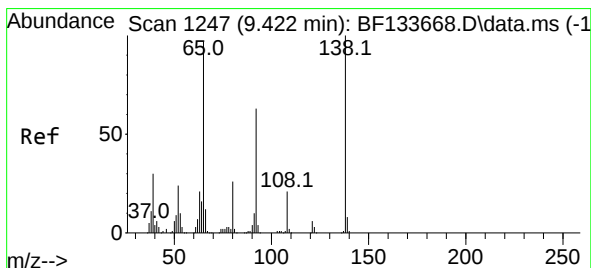
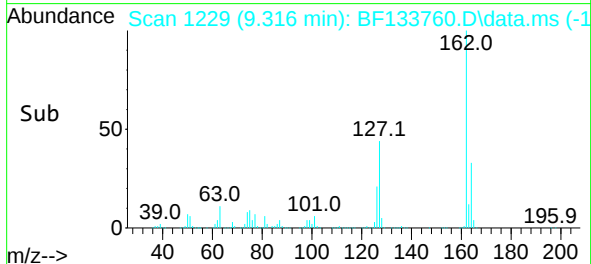
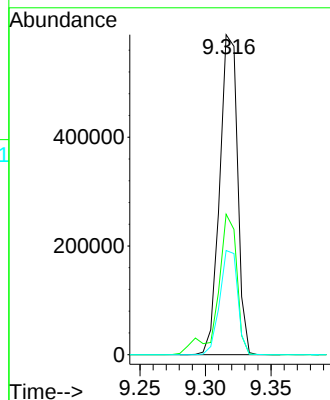
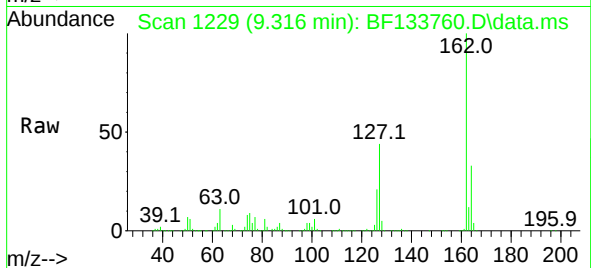
164 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#48

2-Nitroaniline

Concen: 35.695 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

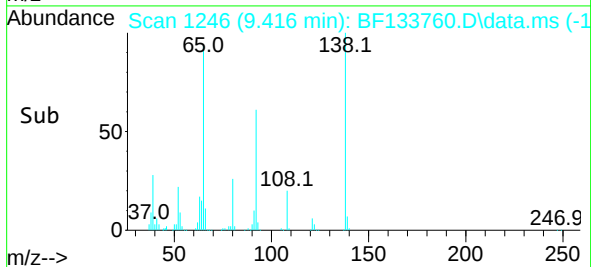
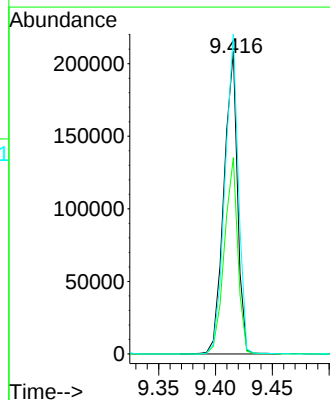
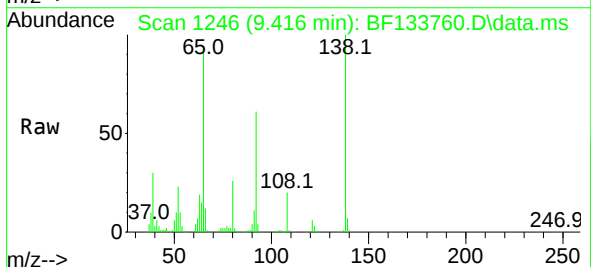
Tgt Ion: 65 Resp: 174671

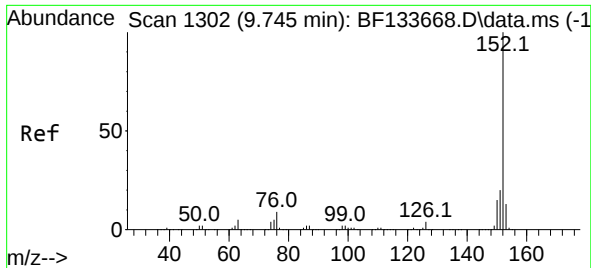
Ion Ratio Lower Upper

65 100

92 64.9 51.8 77.6

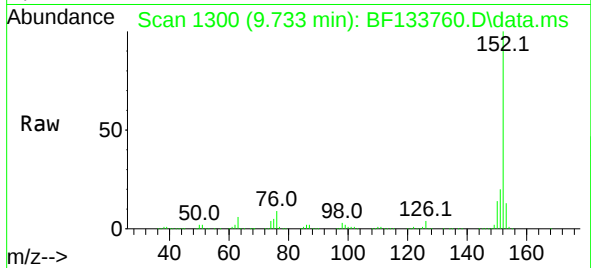
138 105.8 82.1 123.1





#49
Acenaphthylene
Concen: 38.584 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

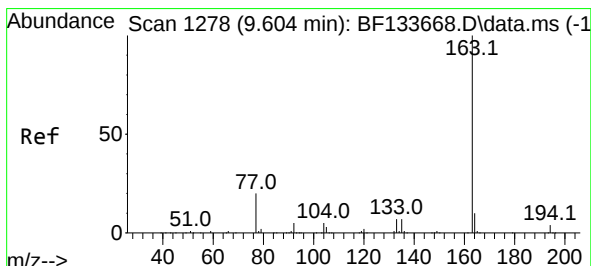
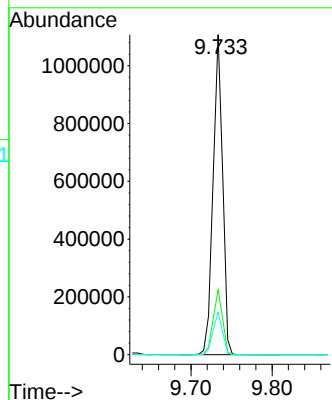
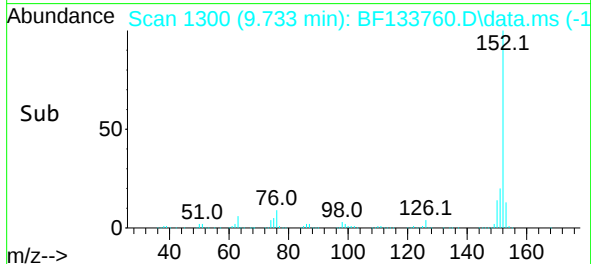
Instrument :
BNA_F
ClientSampleId :
TP-1MS



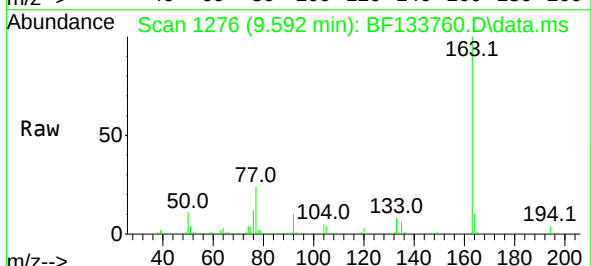
Tgt Ion:152 Resp: 898548
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.4 15.6

Manual Integrations
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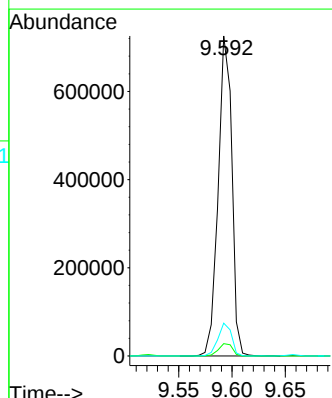
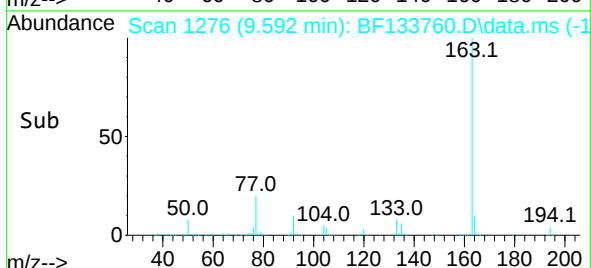
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

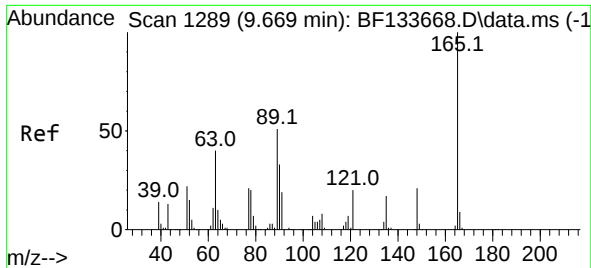


#50
Dimethylphthalate
Concen: 37.369 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



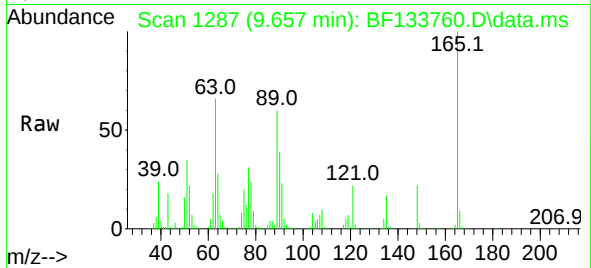
Tgt Ion:163 Resp: 645107
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 39.819 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

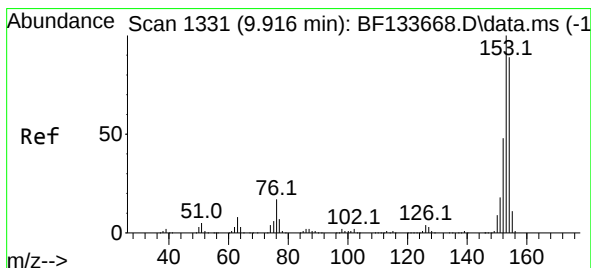
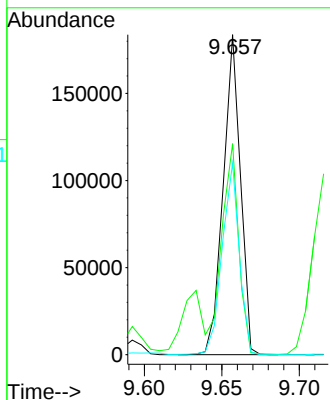
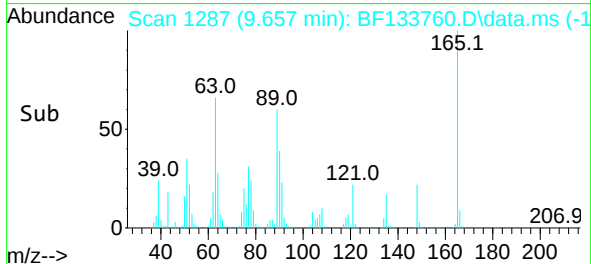
Instrument :
BNA_F
ClientSampleId :
TP-1MS



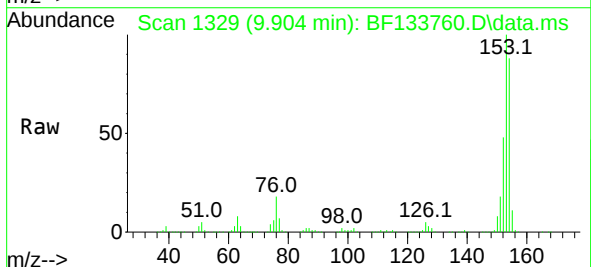
Tgt Ion:165 Resp: 141888
Ion Ratio Lower Upper
165 100
63 65.9 42.1 63.1
89 59.9 40.9 61.3

Manual Integrations
APPROVED

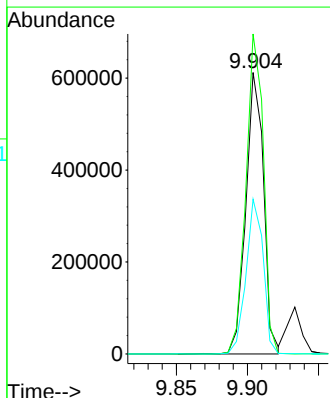
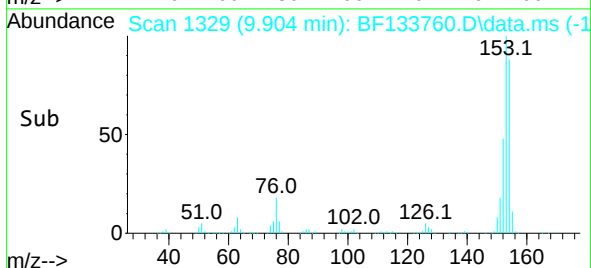
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

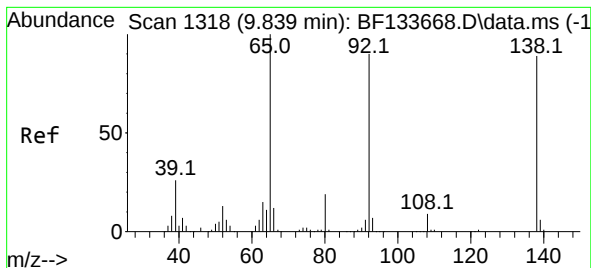


#52
Acenaphthene
Concen: 38.726 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion:154 Resp: 527888
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.8
152 54.9 43.4 65.2





#53

3-Nitroaniline

Concen: 3.980 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

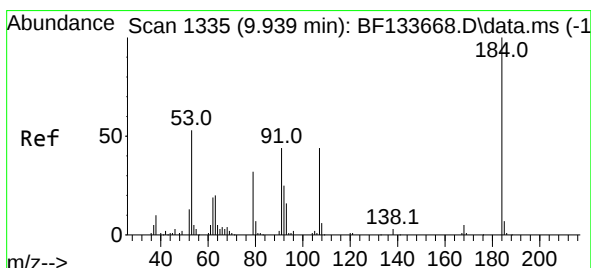
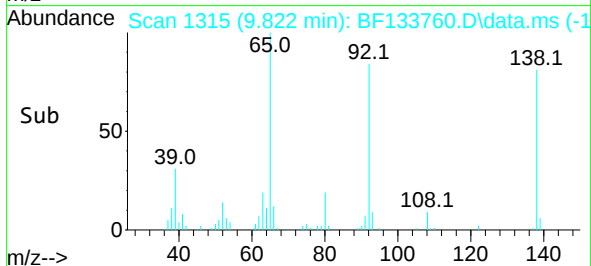
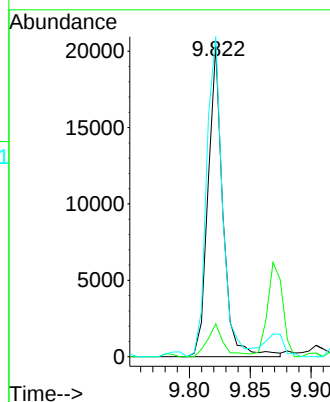
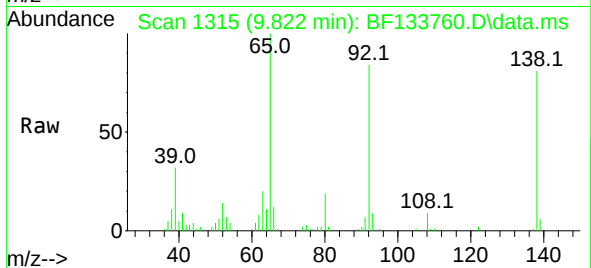
Tgt Ion:138	Resp:	17260
Ion Ratio	Lower	Upper
138	100	
108	10.6	8.2 12.4
92	103.2	81.0 121.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#54

2,4-Dinitrophenol

Concen: 71.719 ng

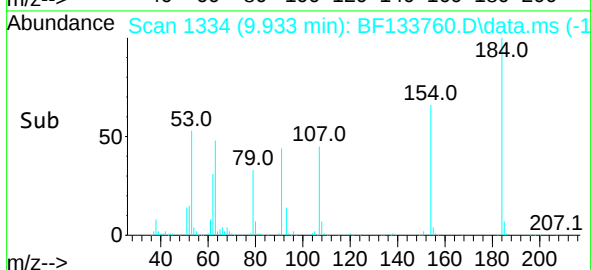
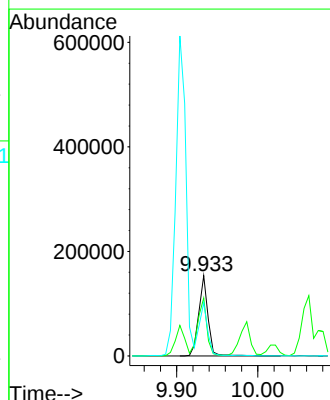
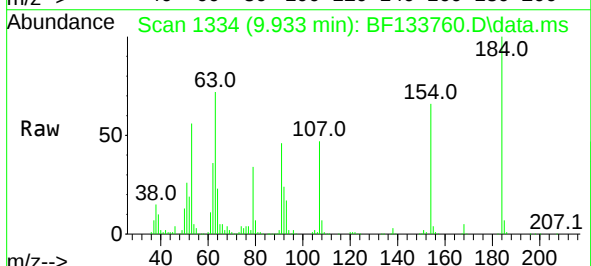
RT: 9.933 min Scan# 1334

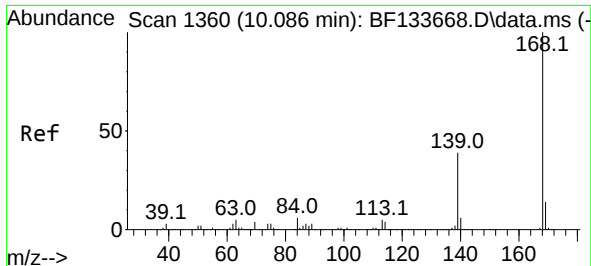
Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

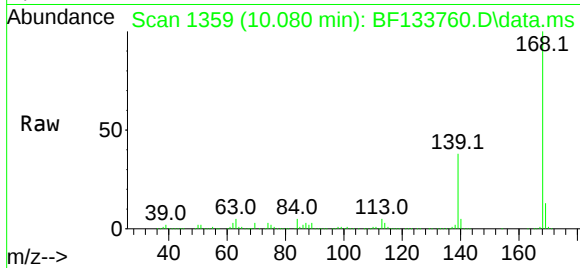
Tgt Ion:184	Resp:	123768
Ion Ratio	Lower	Upper
184	100	
63	72.1	55.3 82.9
154	66.5	51.9 77.9





#55
Dibenzenofuran
Concen: 38.453 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

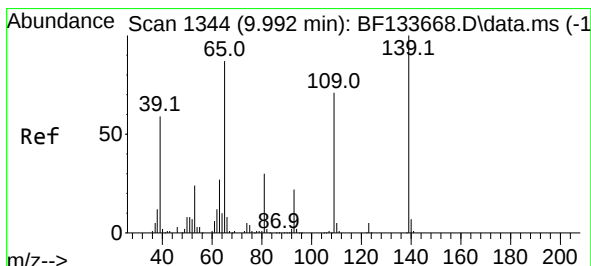
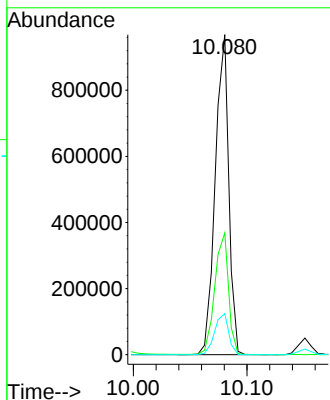
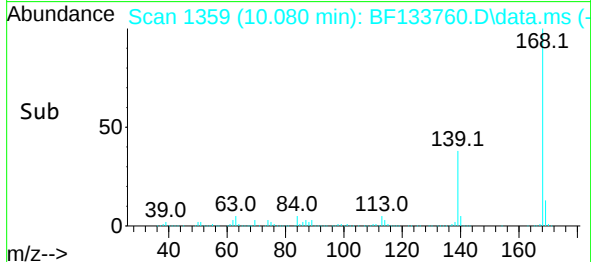
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:168 Resp: 79982
Ion Ratio Lower Upper
168 100
139 38.1 30.9 46.3
169 12.8 10.9 16.3

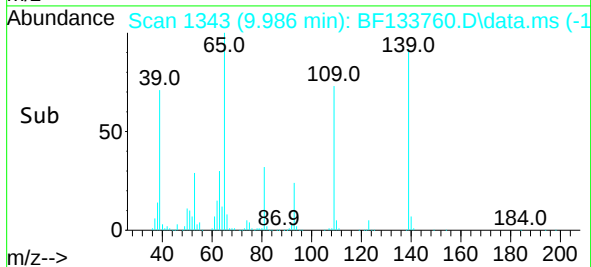
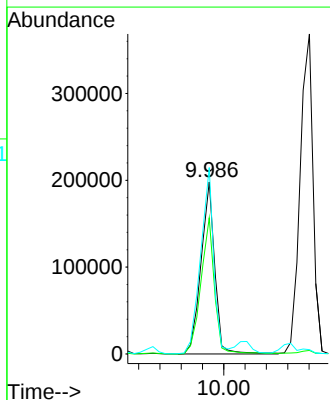
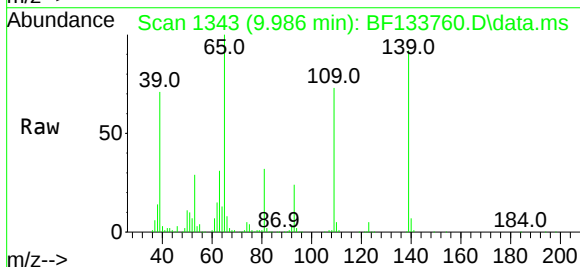
Manual Integrations
APPROVED

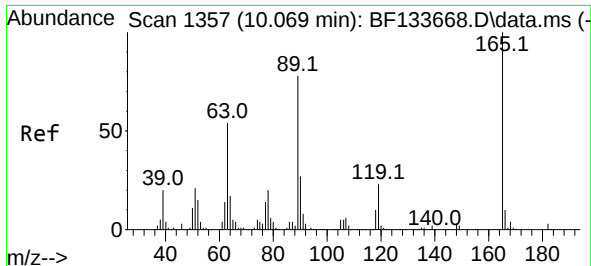
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#56
4-Nitrophenol
Concen: 61.133 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Tgt Ion:139 Resp: 178905
Ion Ratio Lower Upper
139 100
109 79.2 50.7 90.7
65 108.4 67.1 107.1#





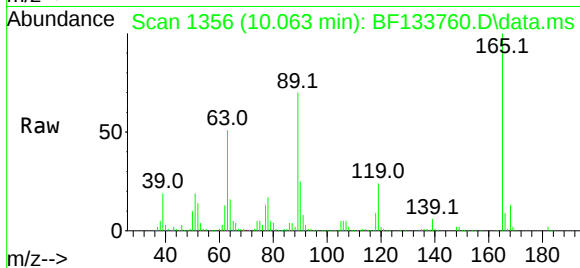
#57
2,4-Dinitrotoluene
Concen: 39.125 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

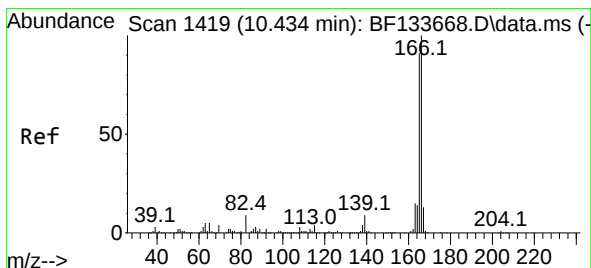
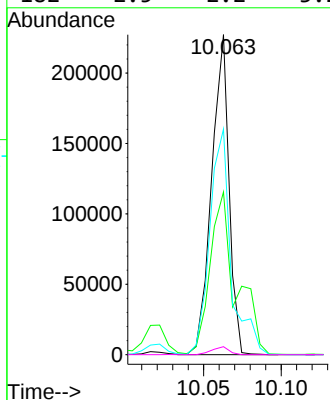
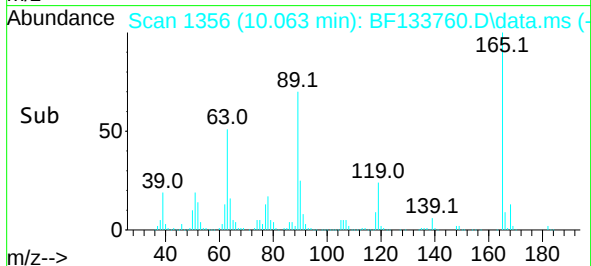


Tgt Ion:165 Resp: 177309
Ion Ratio Lower Upper
165 100
63 50.9 43.0 64.6
89 70.5 62.6 93.8
182 2.5 2.2 3.2

Manual Integrations

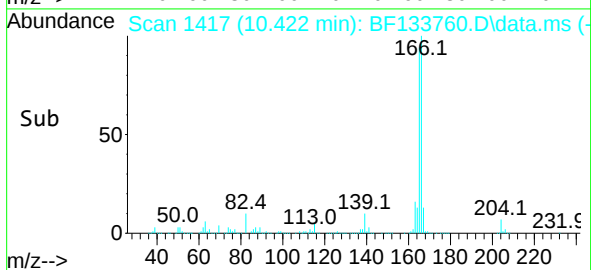
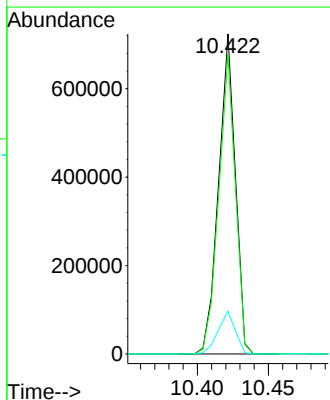
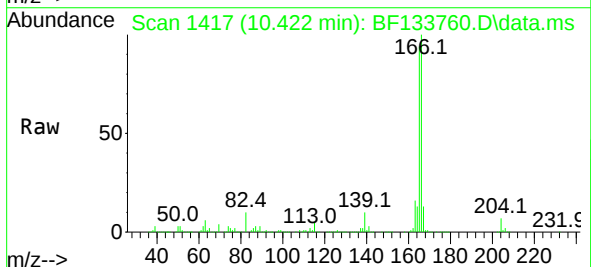
APPROVED

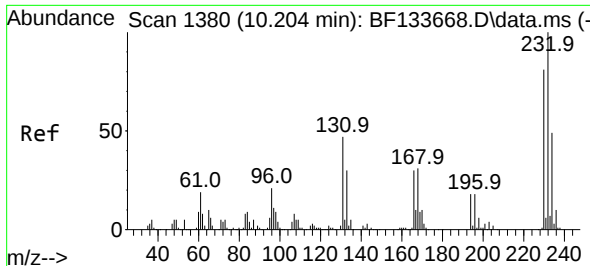
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#58
Fluorene
Concen: 37.265 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

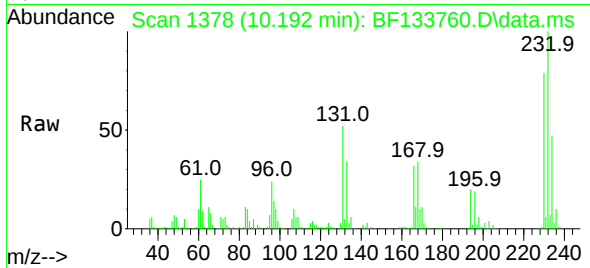
Tgt Ion:166 Resp: 592744
Ion Ratio Lower Upper
166 100
165 93.6 73.1 109.7
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.900 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

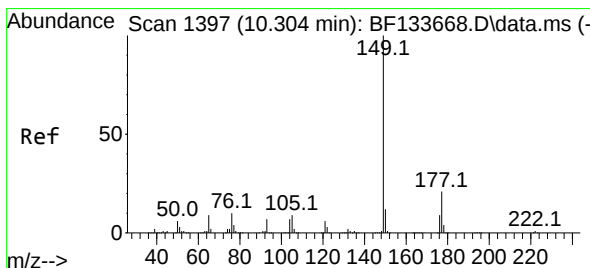
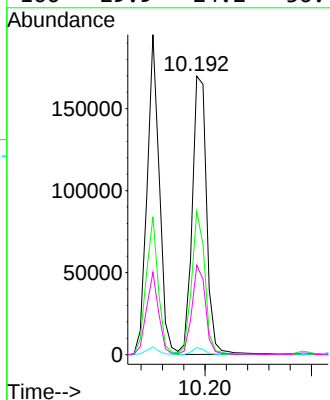
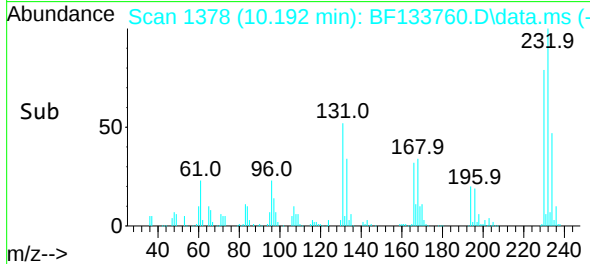
Instrument :
BNA_F
ClientSampleId :
TP-1MS



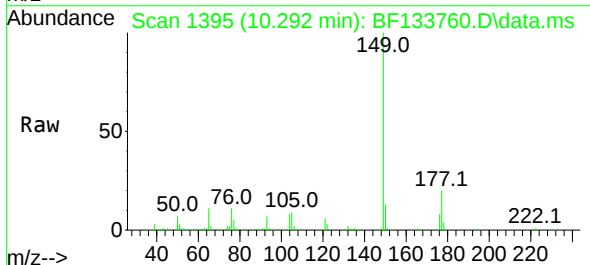
Tgt Ion:232 Resp: 159191
Ion Ratio Lower Upper
232 100
131 47.0 38.0 57.0
130 2.3 1.8 2.8
166 29.9 24.2 36.4

Manual Integrations
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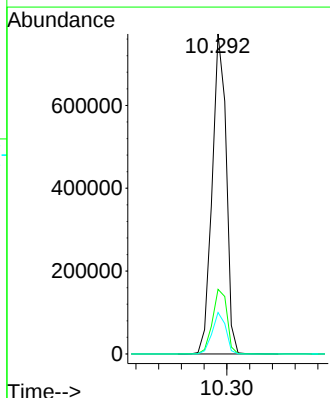
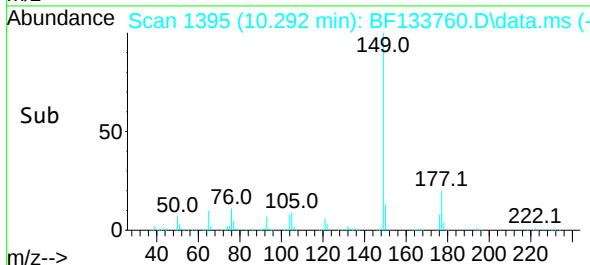
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

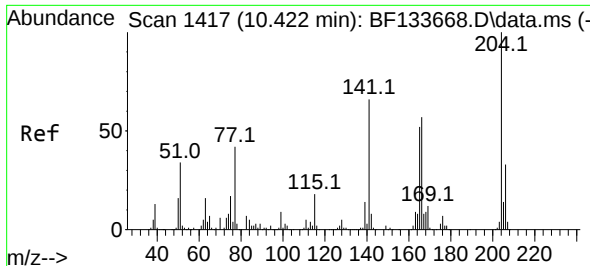


#60
Diethylphthalate
Concen: 37.704 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



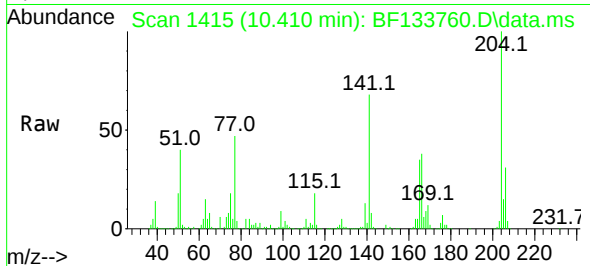
Tgt Ion:149 Resp: 662452
Ion Ratio Lower Upper
149 100
177 20.2 17.0 25.6
150 13.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.435 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

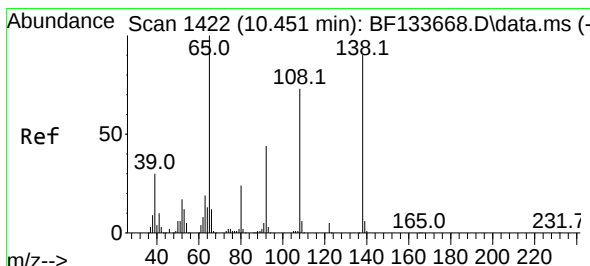
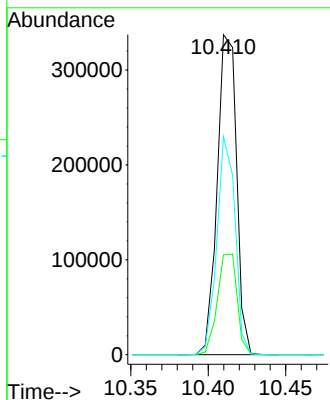
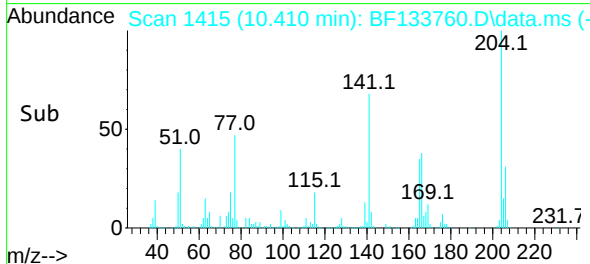
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:204 Resp: 293960
Ion Ratio Lower Upper
204 100
206 31.2 26.4 39.6
141 68.1 52.8 79.2

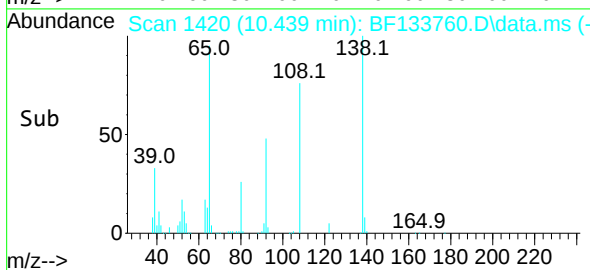
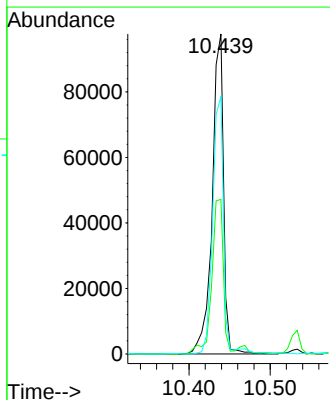
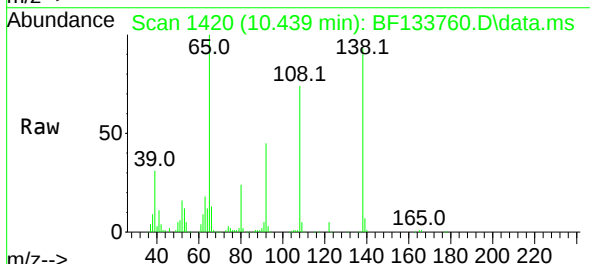
Manual Integrations
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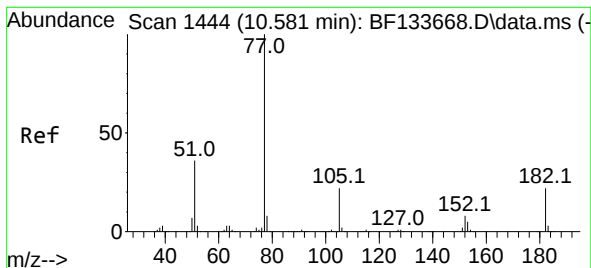
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#62
4-Nitroaniline
Concen: 22.310 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Tgt Ion:138 Resp: 94851
Ion Ratio Lower Upper
138 100
92 48.3 28.9 68.9
108 80.4 61.0 101.0





#63

Azobenzene

Concen: 36.721 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 610770

Ion Ratio Lower Upper

77 100

182 25.3 1.6 41.6

105 22.1 1.6 41.6

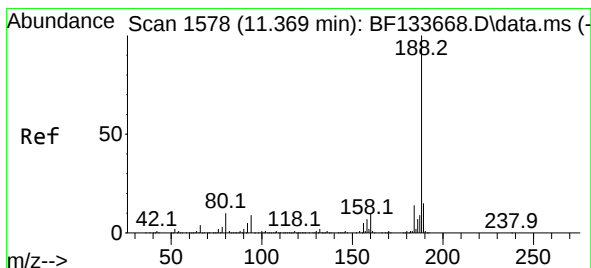
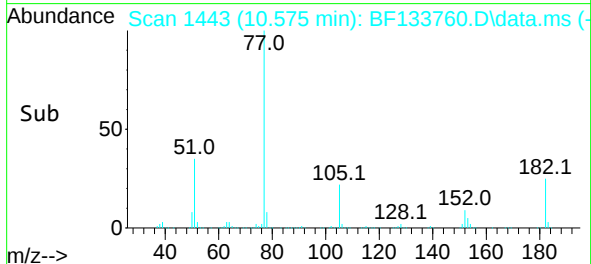
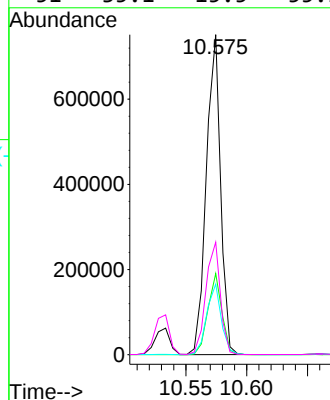
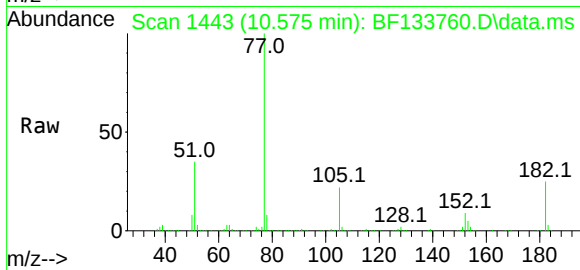
51 35.1 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

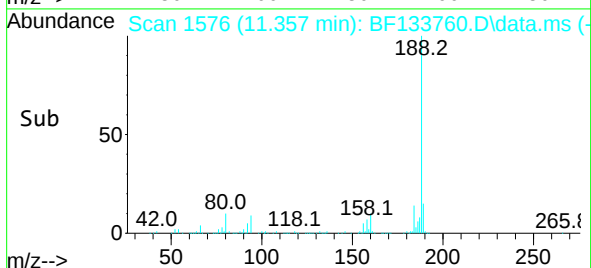
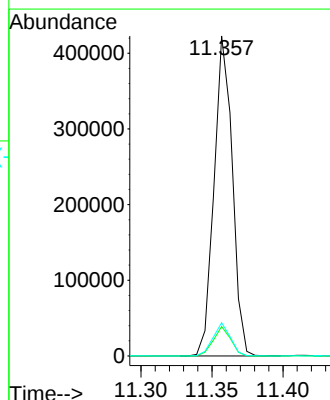
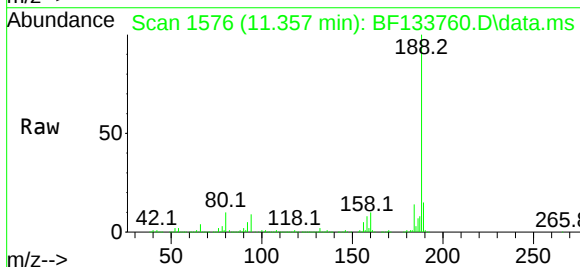
Tgt Ion:188 Resp: 378321

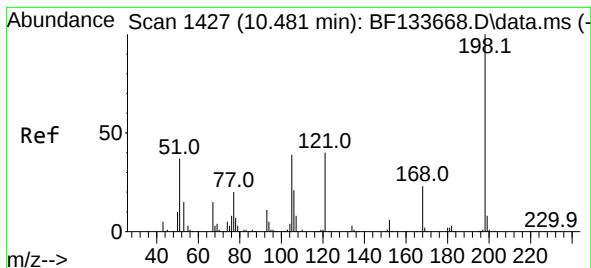
Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 10.4 7.8 11.6





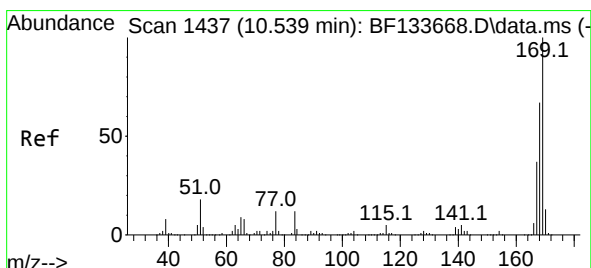
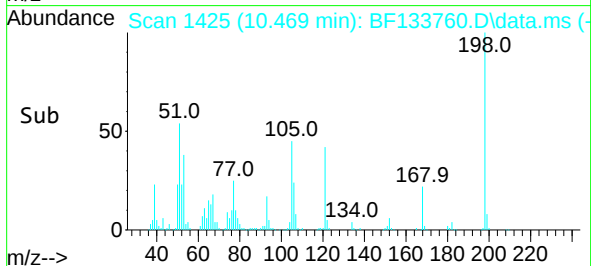
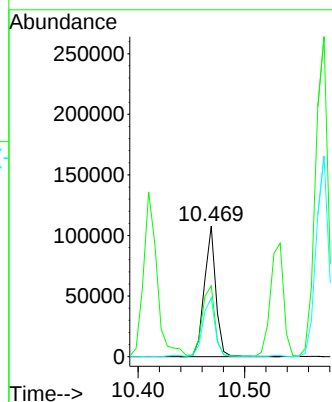
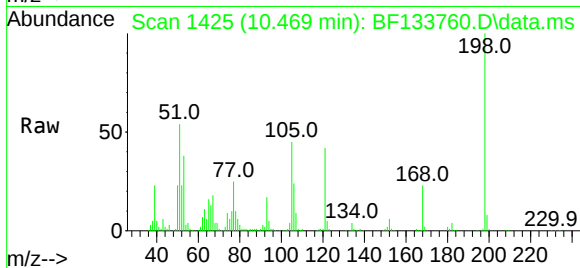
#65
4,6-Dinitro-2-methylphenol
Concen: 44.898 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:198 Resp: 81160
Ion Ratio Lower Upper
198 100
51 54.2 27.5 67.5
105 45.1 21.0 61.0

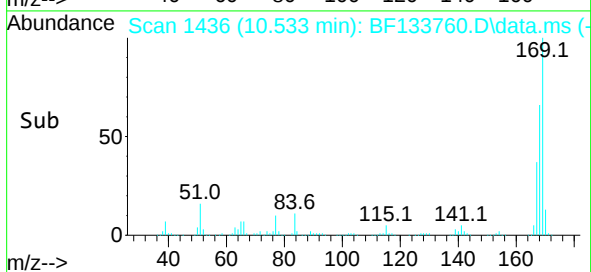
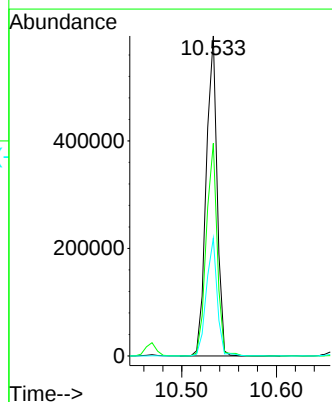
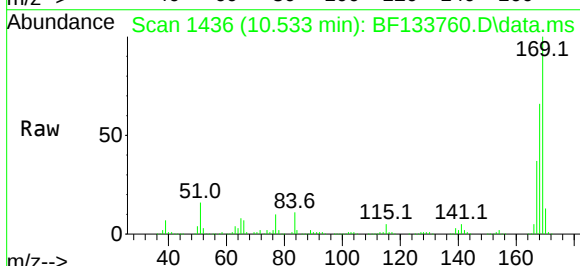
Manual Integrations
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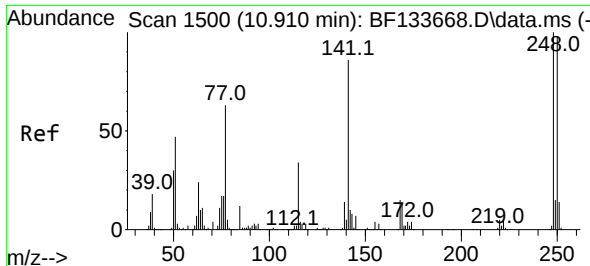
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 37.352 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

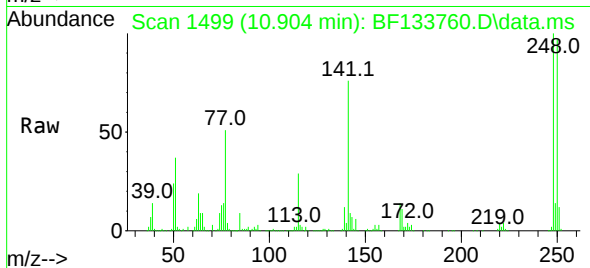
Tgt Ion:169 Resp: 474660
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 36.8 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 41.375 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

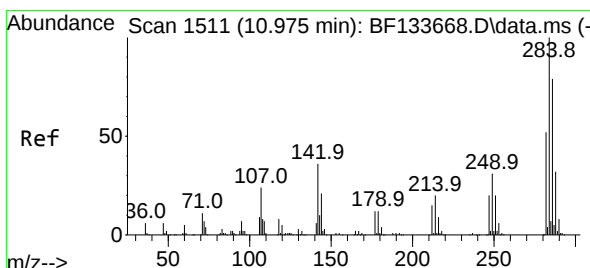
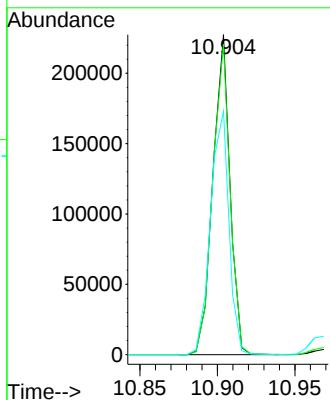
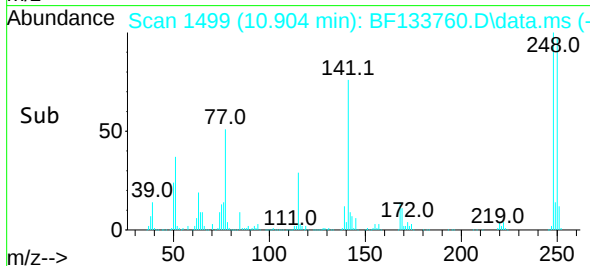
Instrument :
BNA_F
ClientSampleId :
TP-1MS



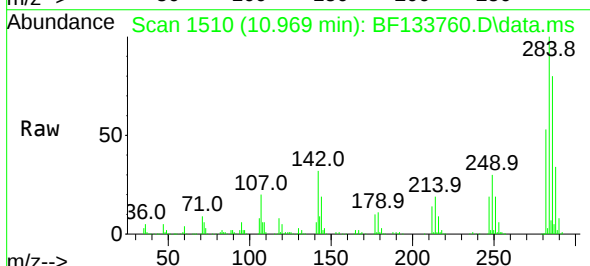
Tgt Ion:248 Resp: 174708
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 76.1 69.0 103.6

Manual Integrations
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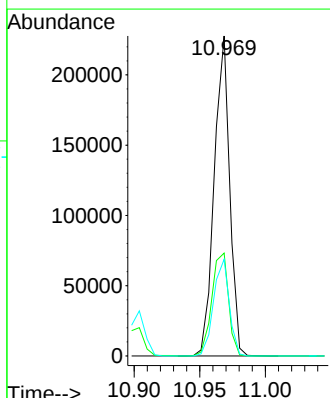
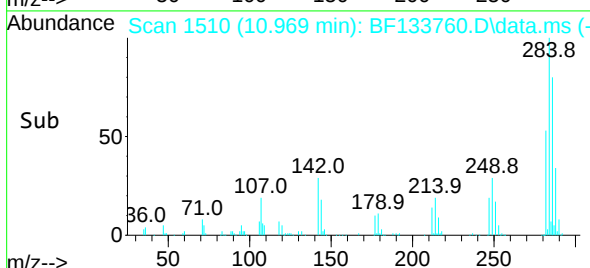
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

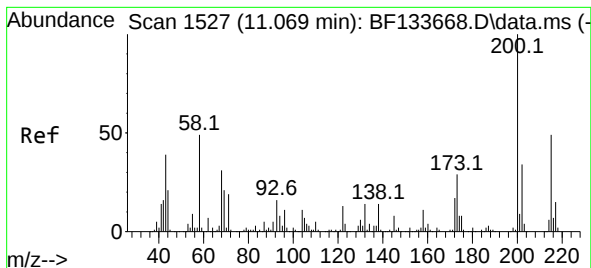


#68
Hexachlorobenzene
Concen: 41.893 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion:284 Resp: 186019
Ion Ratio Lower Upper
284 100
142 32.2 28.6 42.8
249 30.2 24.6 36.8





#69

Atrazine

Concen: 25.073 ng

RT: 11.057 min Scan# 11057

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:200 Resp: 92448

Ion Ratio Lower Upper

200 100

173 27.3 8.7 48.7

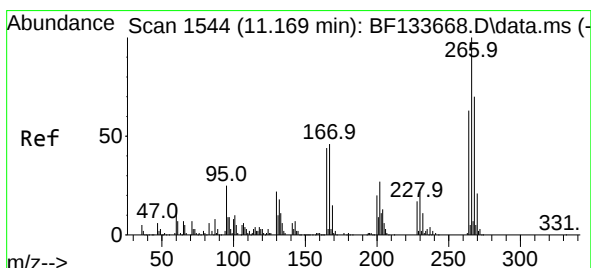
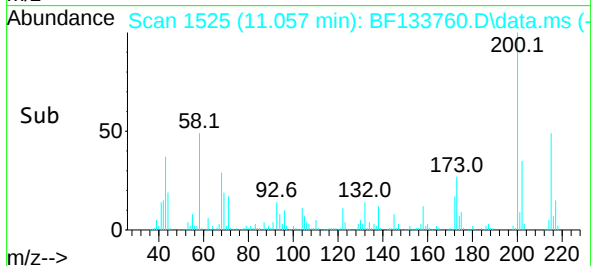
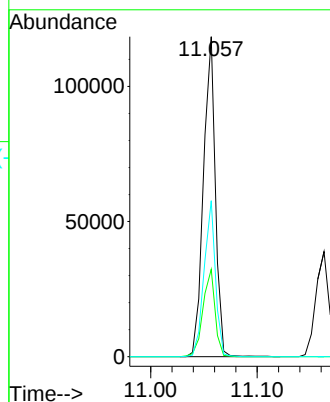
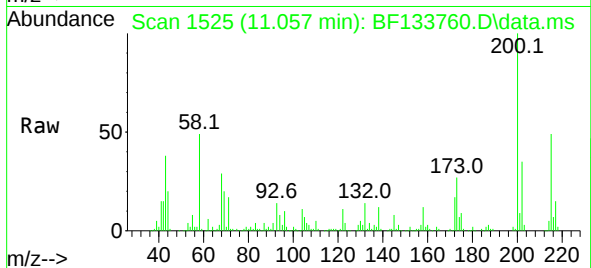
215 48.7 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 69.064 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

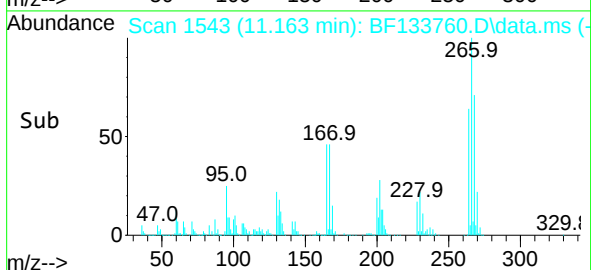
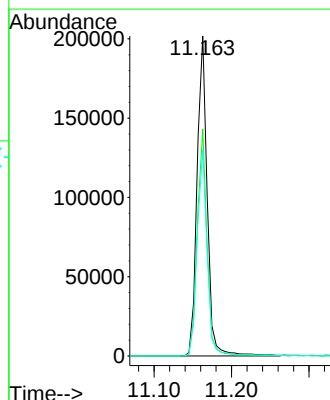
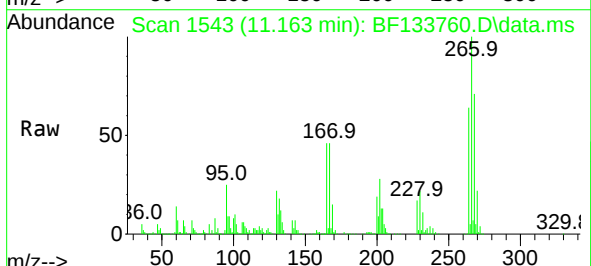
Tgt Ion:266 Resp: 183635

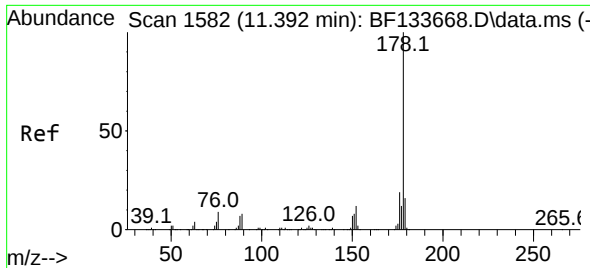
Ion Ratio Lower Upper

266 100

268 70.9 55.7 83.5

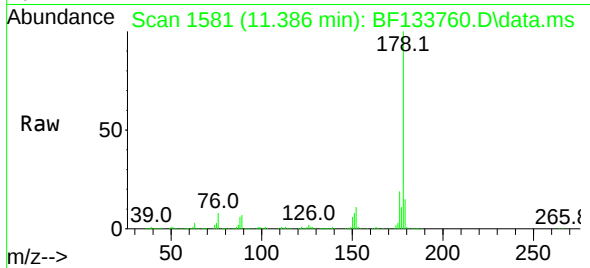
264 64.4 50.7 76.1





#71
Phenanthrene
Concen: 39.895 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

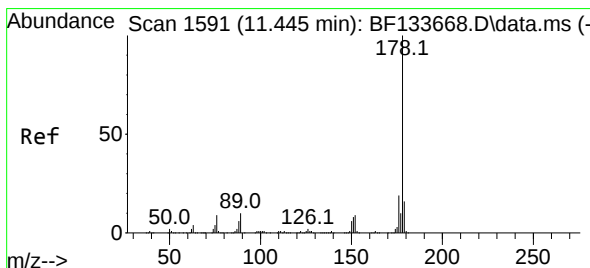
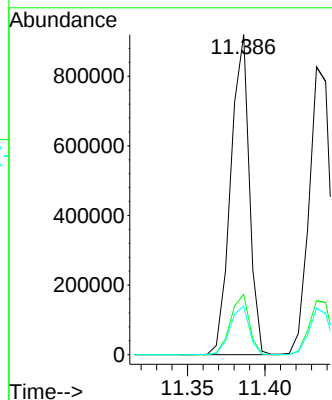
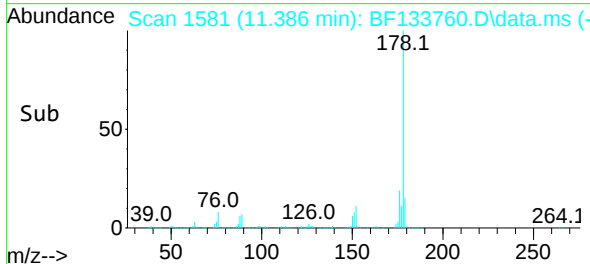
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:178 Resp: 765744
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.2 12.4 18.6

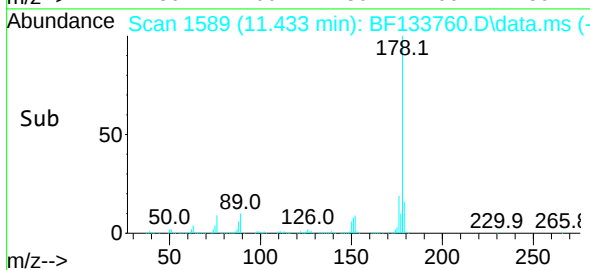
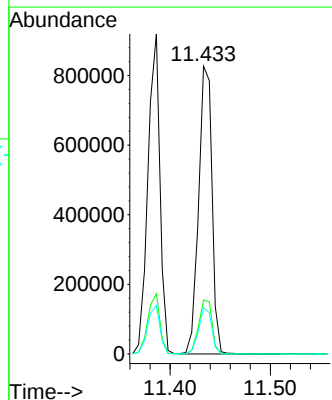
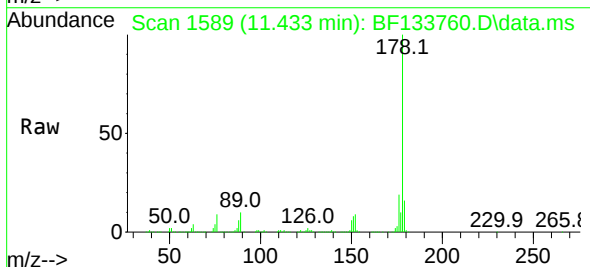
Manual Integrations
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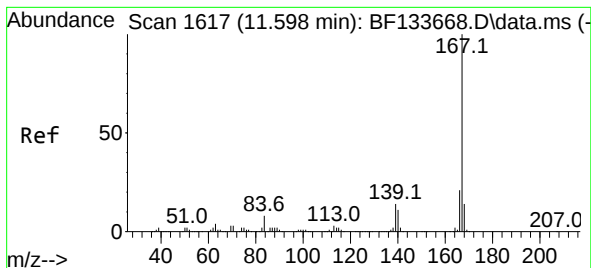
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#72
Anthracene
Concen: 38.540 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Tgt Ion:178 Resp: 771324
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 16.1 12.6 18.8





#73

Carbazole

Concen: 33.556 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF133760.D

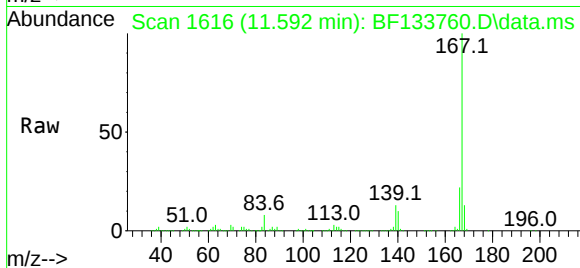
Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS



Tgt Ion:167 Resp: 62548

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

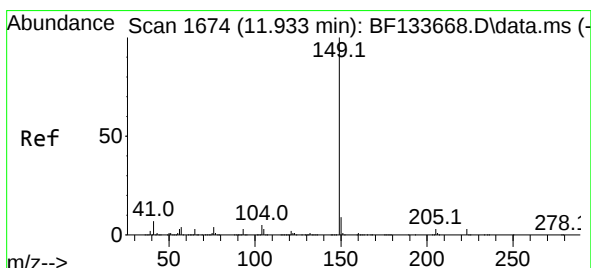
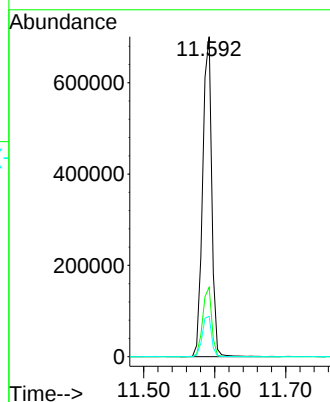
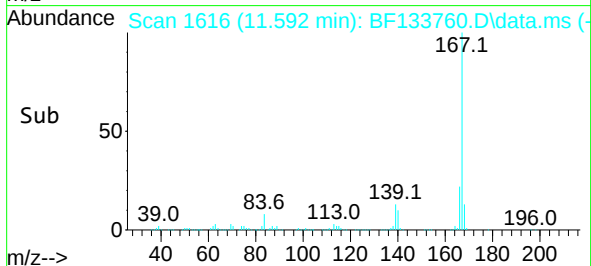
139 12.6 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#74

Di-n-butylphthalate

Concen: 38.238 ng

RT: 11.921 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

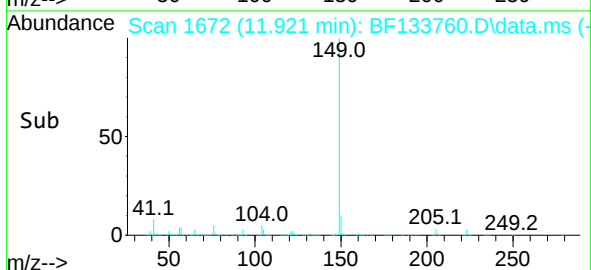
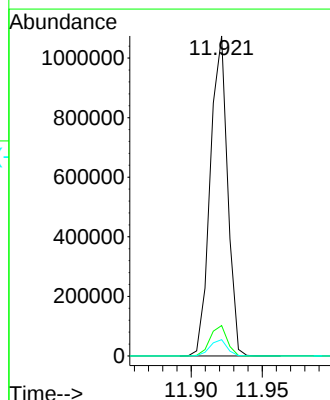
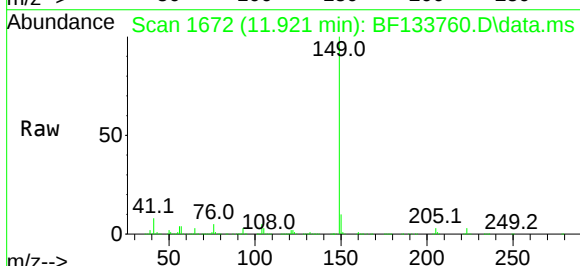
Tgt Ion:149 Resp: 913744

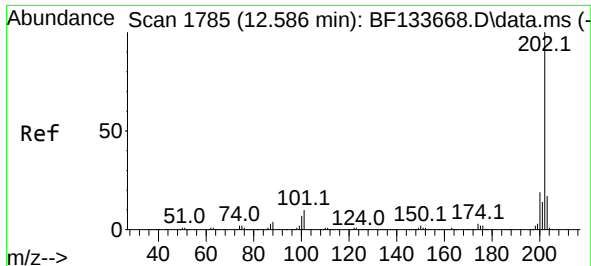
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

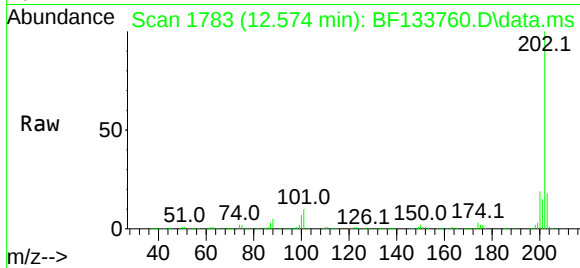
104 5.1 3.8 5.8





#75
Fluoranthene
Concen: 35.486 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

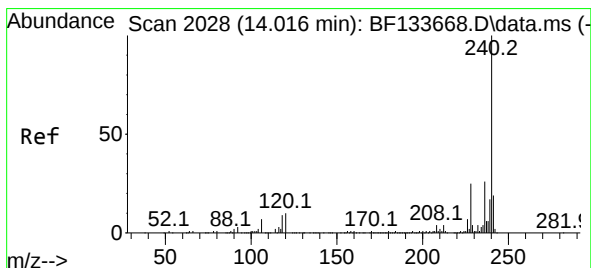
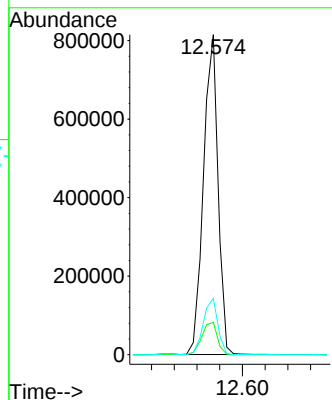
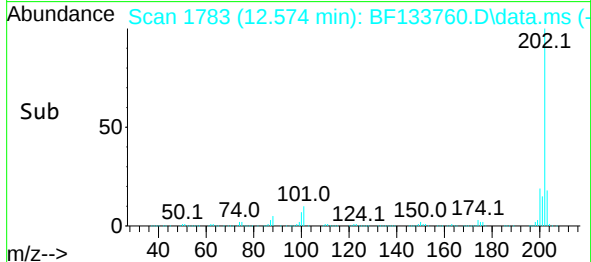
Instrument :
BNA_F
ClientSampleId :
TP-1MS



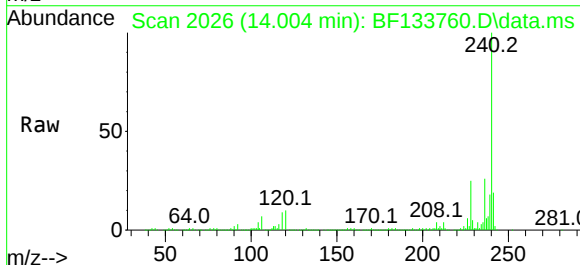
Tgt Ion:202 Resp: 723298
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.5 0.0 37.4

Manual Integrations
APPROVED

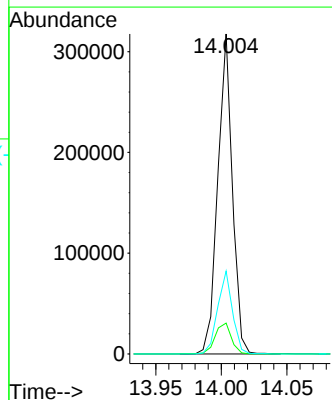
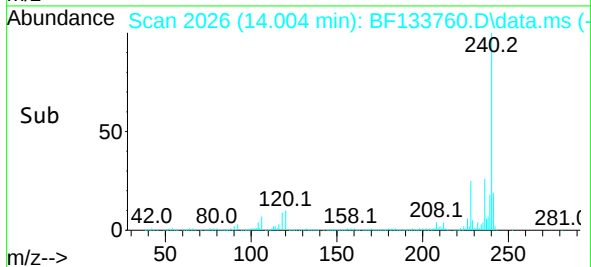
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

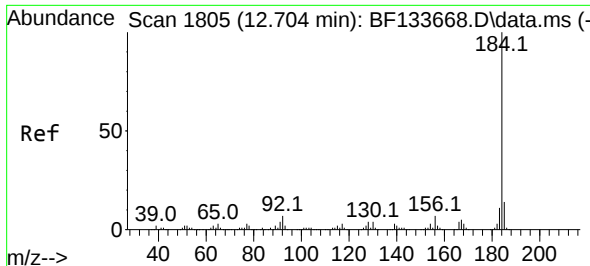


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



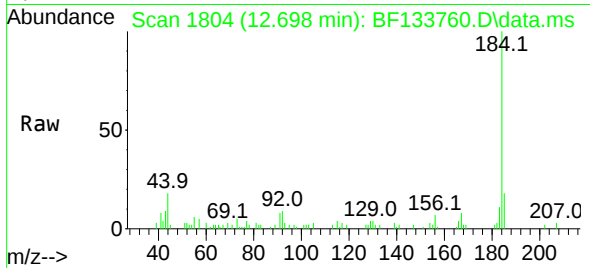
Tgt Ion:240 Resp: 245266
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.9 20.5 30.7





#77
Benzidine
Concen: 2.232 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

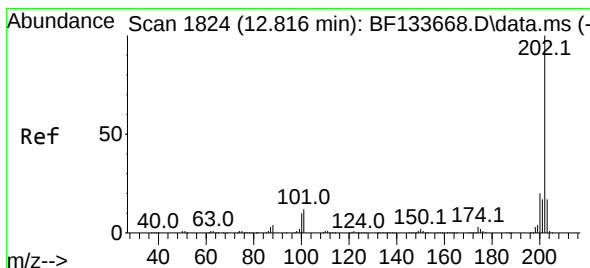
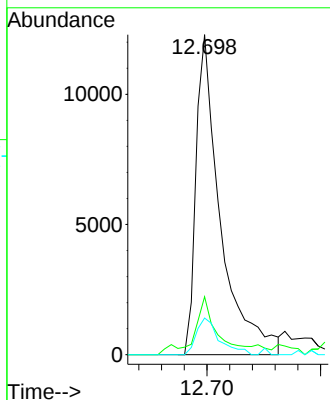
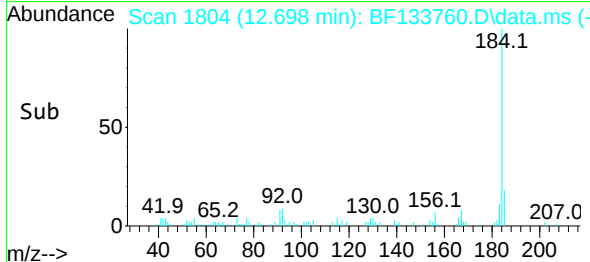
Instrument :
BNA_F
ClientSampleId :
TP-1MS



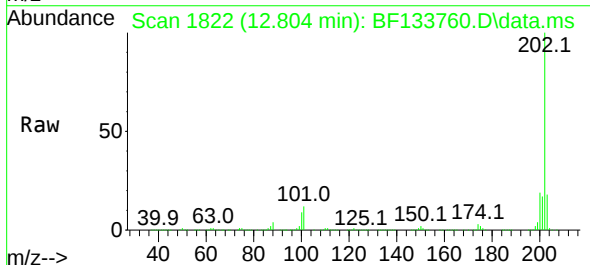
Tgt Ion:184 Resp: 18360
Ion Ratio Lower Upper
184 100
185 18.1 11.6 17.4
183 11.5 8.4 12.6

Manual Integrations
APPROVED

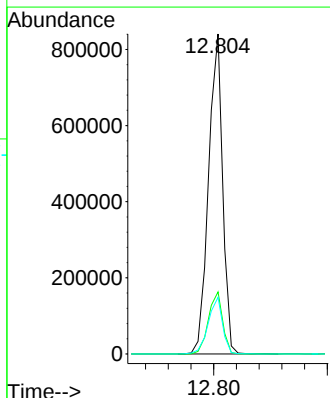
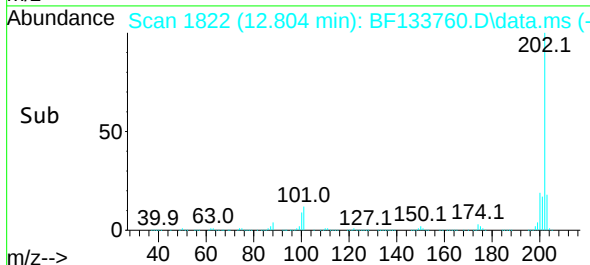
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

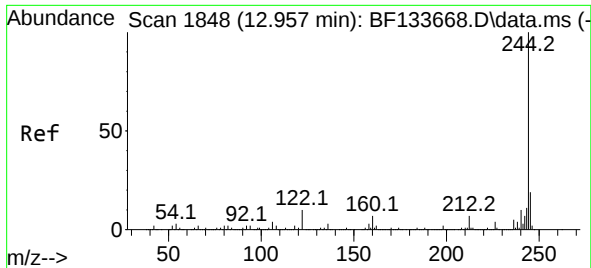


#78
Pyrene
Concen: 31.644 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



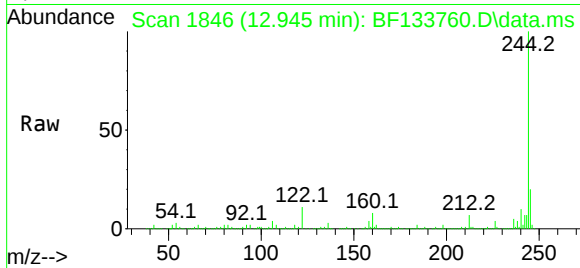
Tgt Ion:202 Resp: 722991
Ion Ratio Lower Upper
202 100
200 19.4 16.2 24.2
203 17.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 64.136 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133760.D
 Acq: 14 Jun 2023 19:54

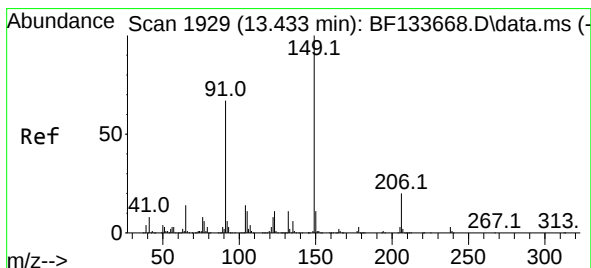
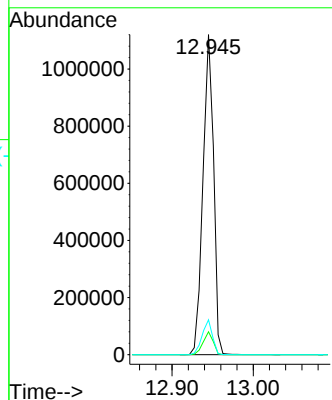
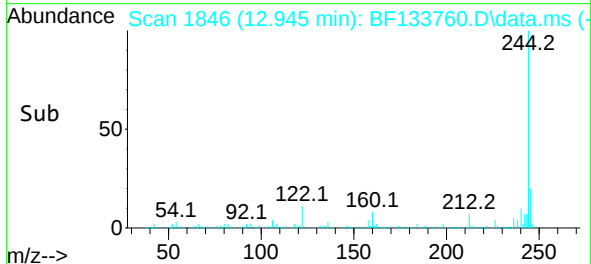
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



Tgt Ion:244 Resp: 1016599
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.9 8.1 12.1

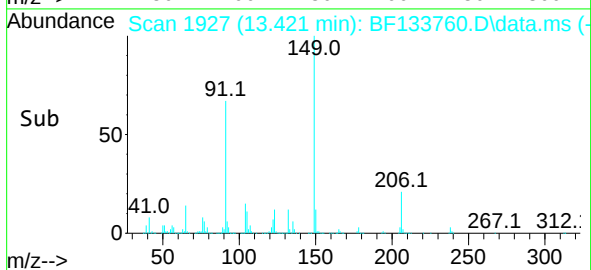
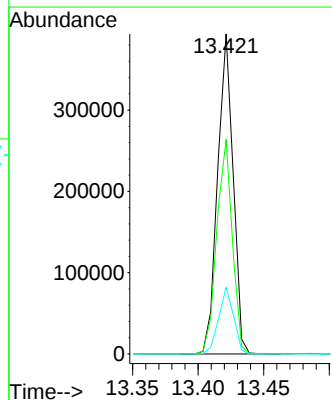
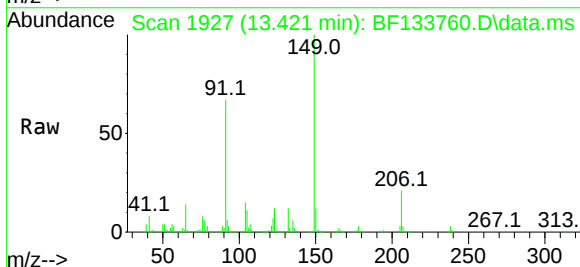
Manual Integrations
 APPROVED

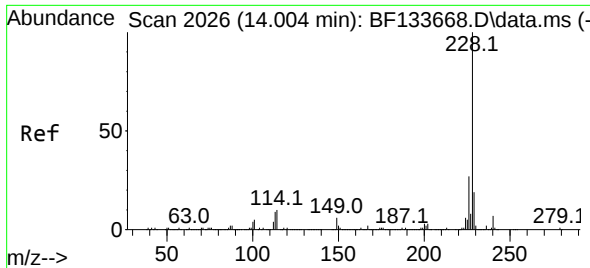
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#80
 Butylbenzylphthalate
 Concen: 33.547 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF133760.D
 Acq: 14 Jun 2023 19:54

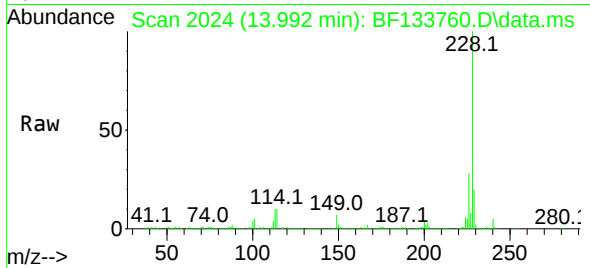
Tgt Ion:149 Resp: 323571
 Ion Ratio Lower Upper
 149 100
 91 67.0 54.0 81.0
 206 20.8 15.6 23.4





#81
Benzo(a)anthracene
Concen: 39.299 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

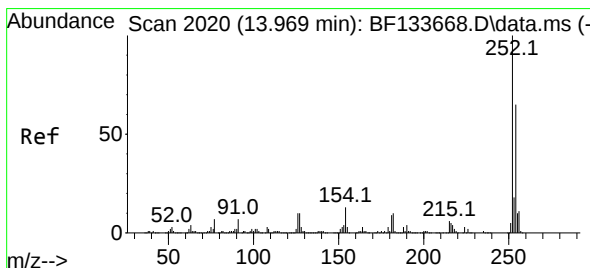
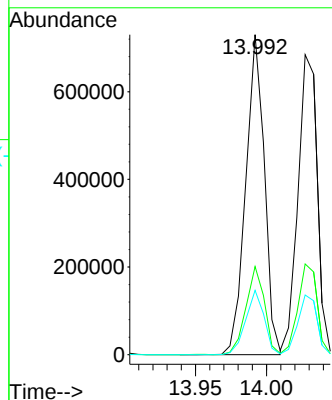
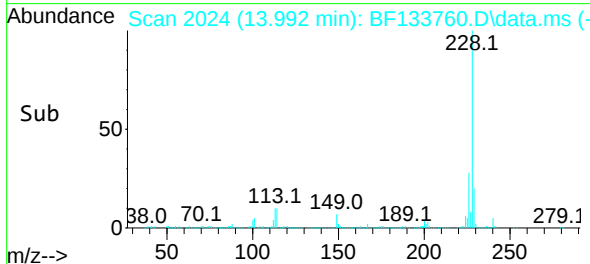
Instrument :
BNA_F
ClientSampleId :
TP-1MS



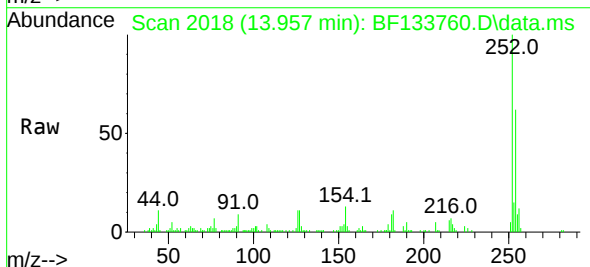
Tgt Ion:228 Resp: 66672
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.1 15.4 23.2

Manual Integrations
APPROVED

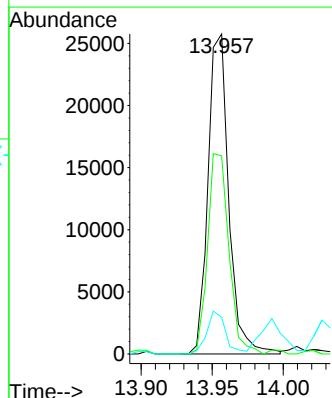
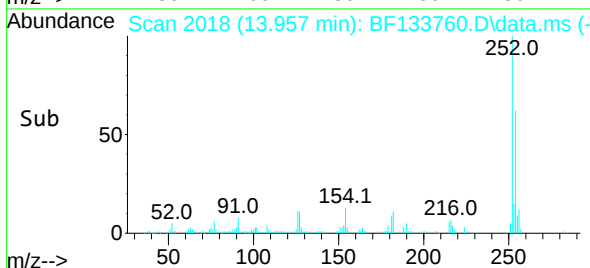
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

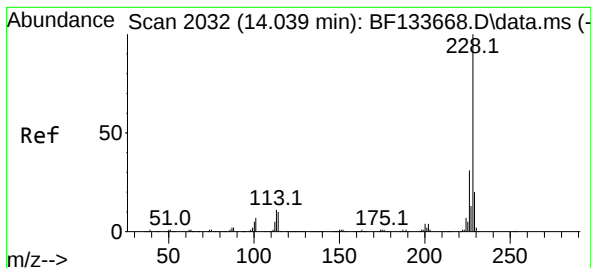


#82
3,3'-Dichlorobenzidine
Concen: 4.659 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54



Tgt Ion:252 Resp: 26275
Ion Ratio Lower Upper
252 100
254 61.9 51.9 77.9
126 11.5 7.7 11.5





#83

Chrysene

Concen: 40.349 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 647430

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

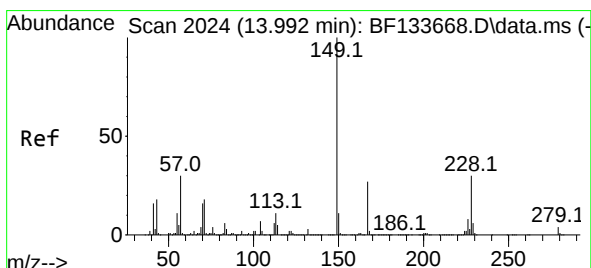
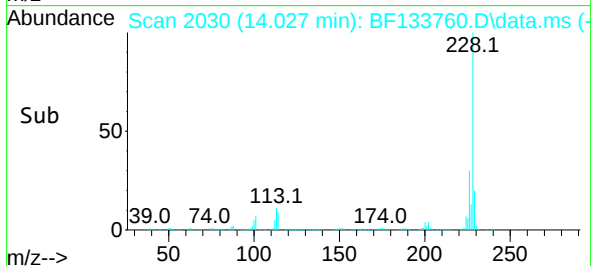
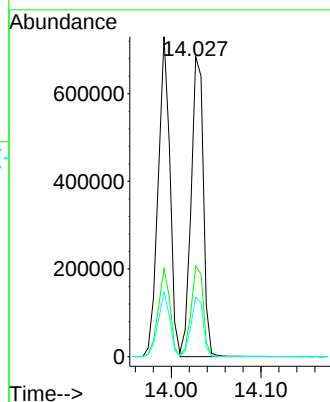
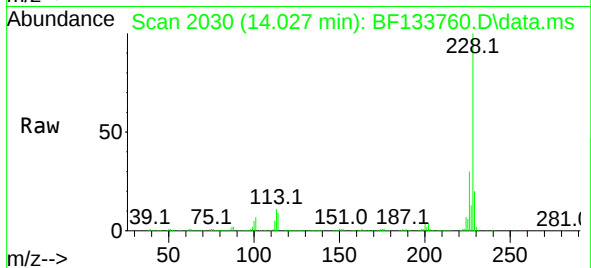
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.408 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

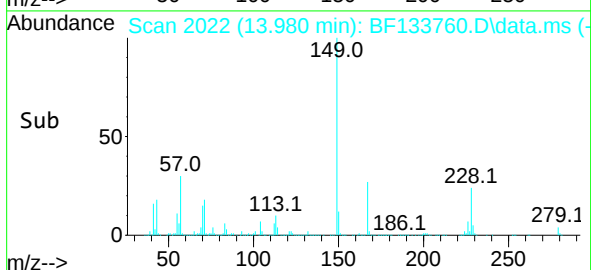
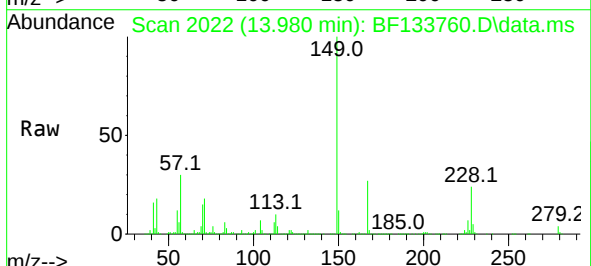
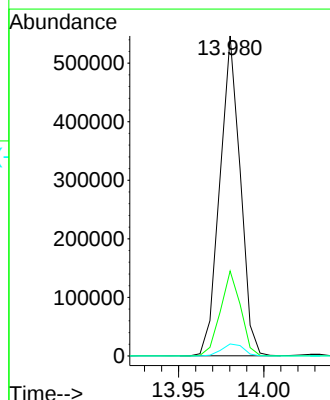
Tgt Ion:149 Resp: 456142

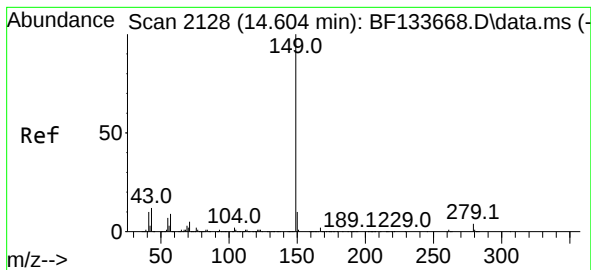
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.282 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:149 Resp: 831730

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

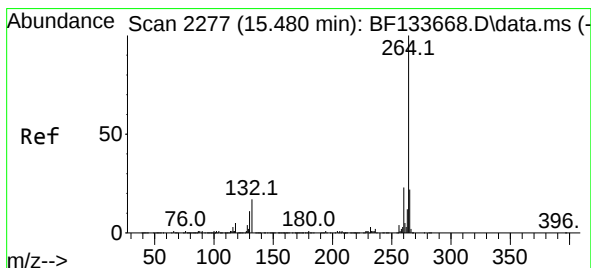
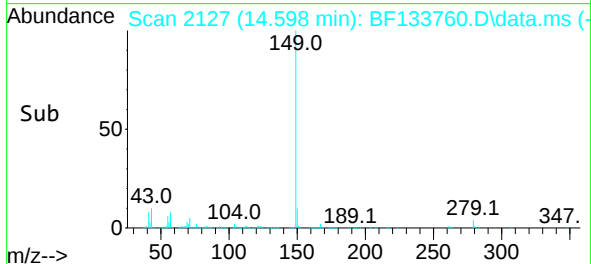
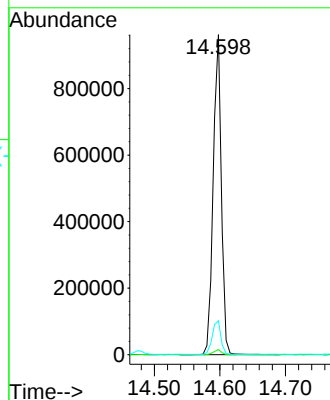
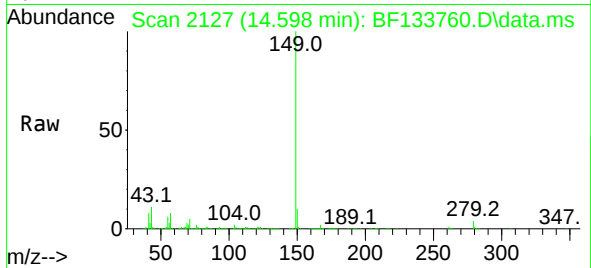
43 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

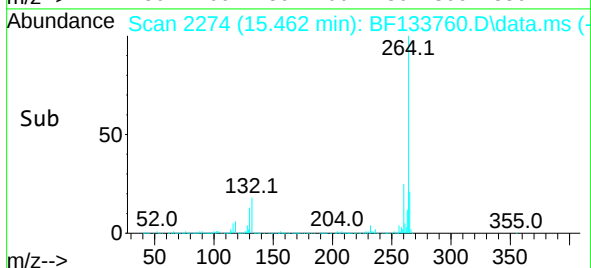
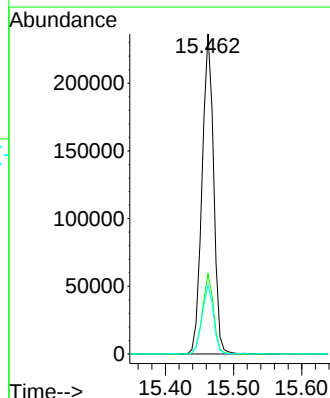
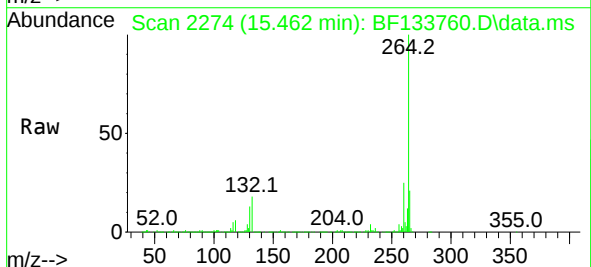
Tgt Ion:264 Resp: 278860

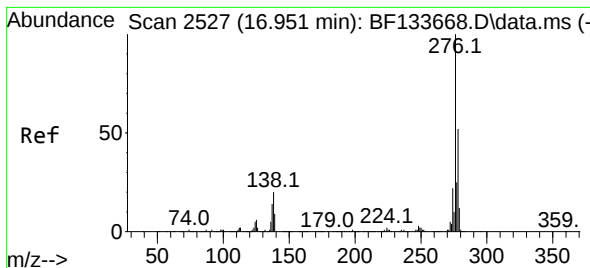
Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.2

265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.505 ng

RT: 16.921 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:276 Resp: 68115

Ion Ratio Lower Upper

276 100

138 23.8 17.9 26.9

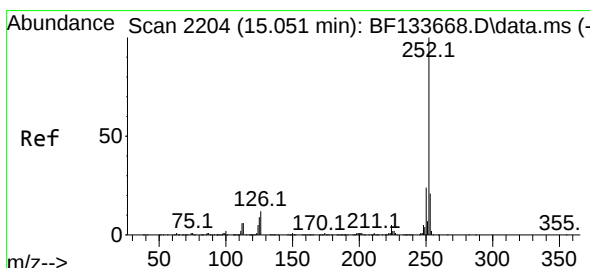
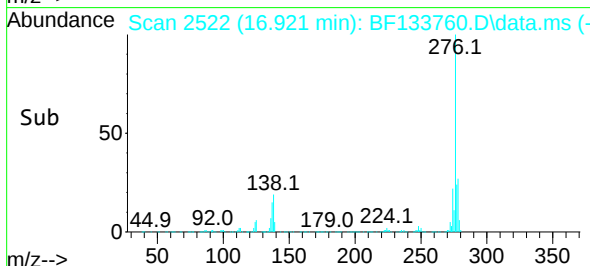
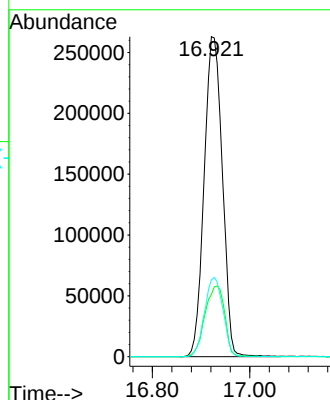
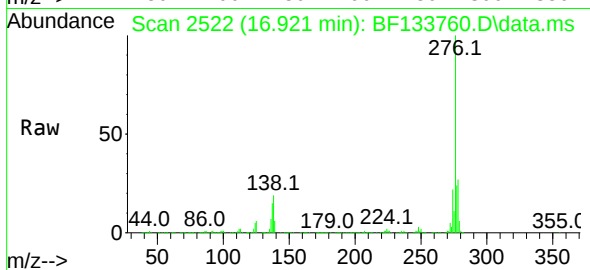
277 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#88

Benzo(b)fluoranthene

Concen: 43.599 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BF133760.D

Acq: 14 Jun 2023 19:54

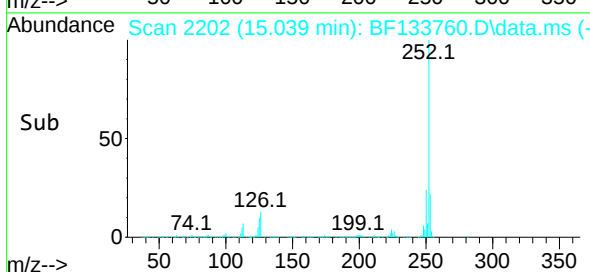
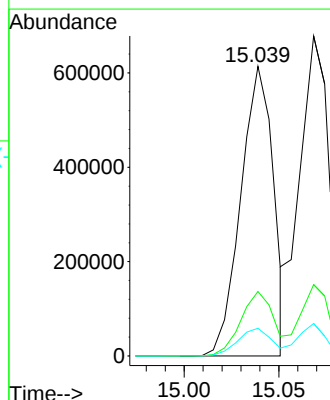
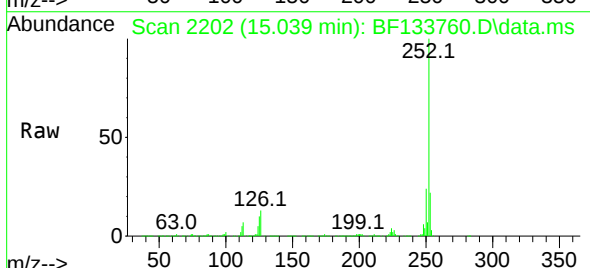
Tgt Ion:252 Resp: 738550

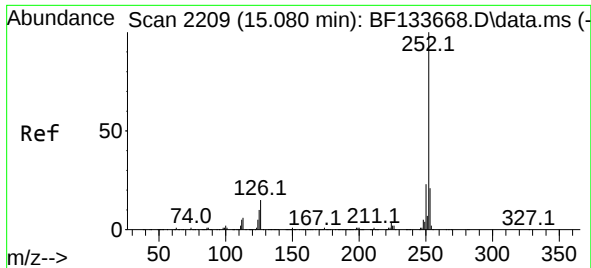
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

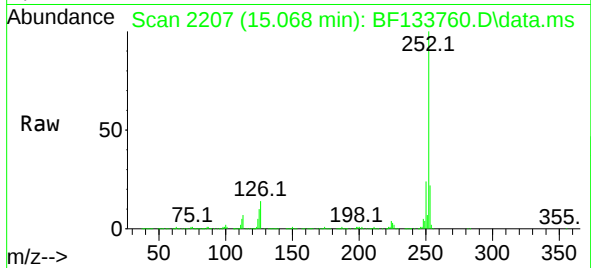
125 9.6 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 44.025 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

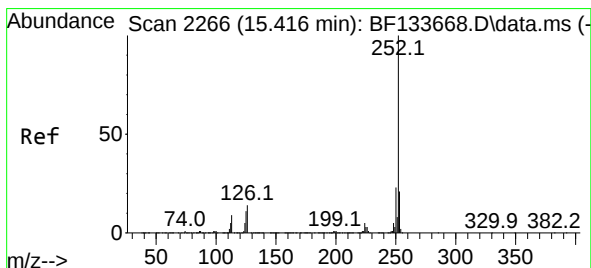
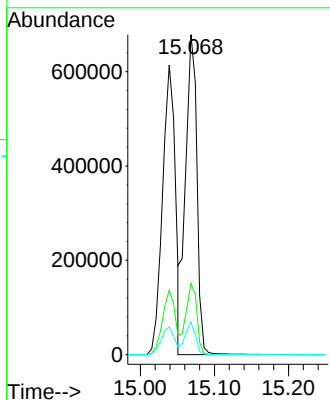
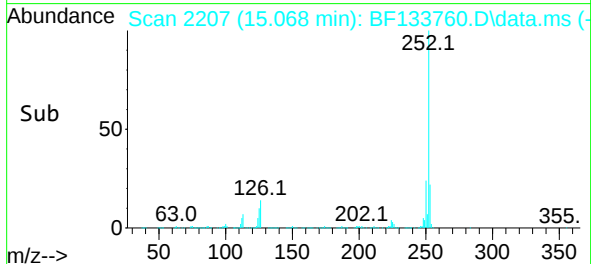
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:252 Resp: 726454
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 10.1 7.8 11.6

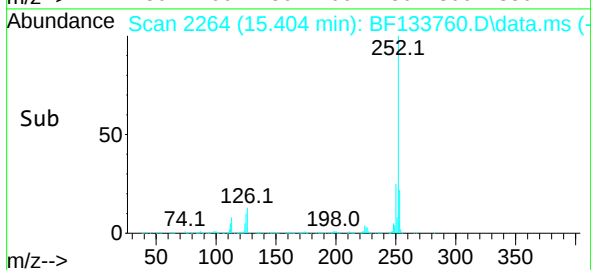
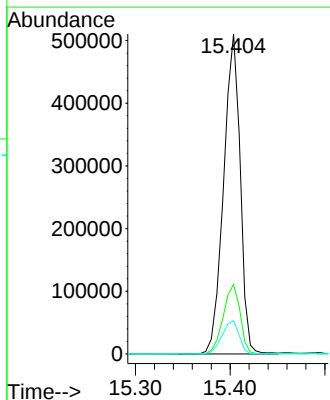
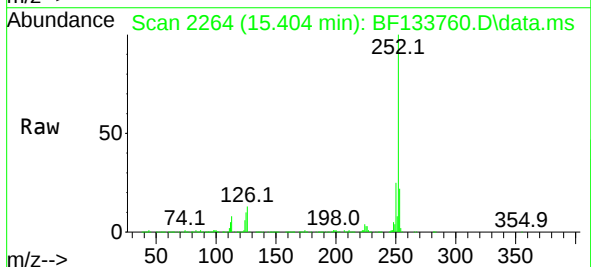
Manual Integrations
APPROVED

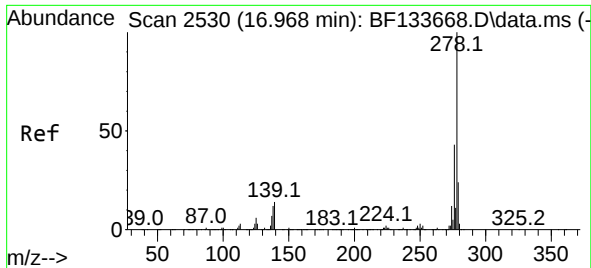
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#90
Benzo(a)pyrene
Concen: 39.488 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Tgt Ion:252 Resp: 620800
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.3 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 36.841 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Instrument :

BNA_F

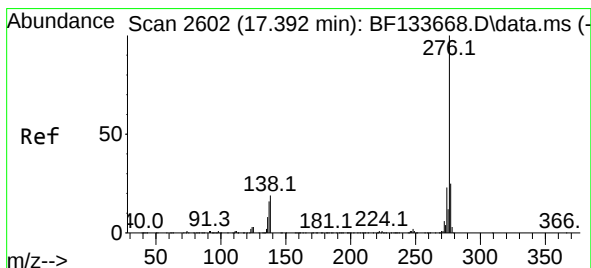
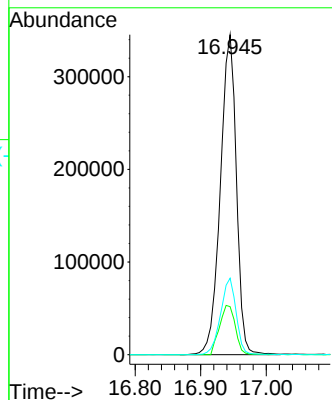
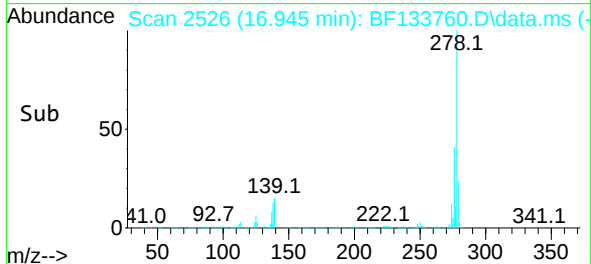
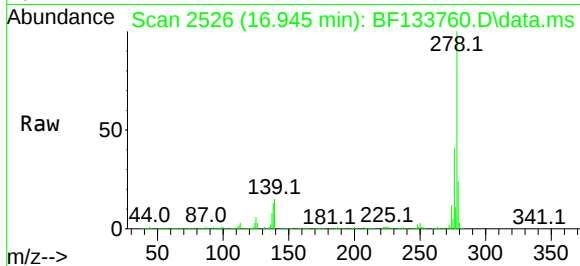
ClientSampleId :

TP-1MS

Tgt Ion:278 Resp: 585140
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.2
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#92
Benzo(g,h,i)perylene
Concen: 31.854 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.012 min
Lab File: BF133760.D
Acq: 14 Jun 2023 19:54

Tgt Ion:276 Resp: 501623
Ion Ratio Lower Upper
276 100
277 24.2 19.8 29.8
138 20.2 15.0 22.4

