

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133728.D
 Acq On : 13 Jun 2023 13:41
 Operator : CG\JU
 Sample : 03103-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-8-060823MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 14:10:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	77450	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	246633	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	94498	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	190961	20.000	ng	0.00
76) Chrysene-d12	14.015	240	178470	20.000	ng	0.00
86) Perylene-d12	15.480	264	141977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	267811	60.198	ng	0.00
7) Phenol-d6	6.463	99	291759	50.382	ng	0.00
23) Nitrobenzene-d5	7.398	82	193359	42.702	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	63193	52.829	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	304911	45.867	ng	0.00
79) Terphenyl-d14	12.951	244	380786	33.014	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	76335	39.028	ng	97
3) Pyridine	3.340	79	193878	34.009	ng	95
4) n-Nitrosodimethylamine	3.298	42	141803	44.999	ng	93
6) Aniline	6.522	93	189629m	25.999	ng	
8) 2-Chlorophenol	6.616	128	189548	40.429	ng	98
9) Benzaldehyde	6.381	77	111455	29.010	ng	95
10) Phenol	6.481	94	221264	36.592	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	182793	40.719	ng	96
12) 1,3-Dichlorobenzene	6.775	146	215076	42.936	ng	98
13) 1,4-Dichlorobenzene	6.851	146	217949	43.048	ng	99
14) 1,2-Dichlorobenzene	7.004	146	203044	44.383	ng	98
15) Benzyl Alcohol	6.975	79	174828	38.654	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	312763	41.100	ng	99
17) 2-Methylphenol	7.086	107	145464	35.005	ng	98
18) Hexachloroethane	7.345	117	80690	46.553	ng	95
19) n-Nitroso-di-n-propyla...	7.245	70	135063	36.658	ng	96
20) 3+4-Methylphenols	7.239	107	178750	33.066	ng	# 87
22) Acetophenone	7.245	105	262157	46.345	ng	# 98
24) Nitrobenzene	7.416	77	199542	43.763	ng	98
25) Isophorone	7.657	82	337350	40.580	ng	98
26) 2-Nitrophenol	7.733	139	92139	45.028	ng	94
27) 2,4-Dimethylphenol	7.769	122	147932	41.943	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	198522	41.318	ng	100
29) 2,4-Dichlorophenol	7.975	162	130691	37.808	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	149926	41.571	ng	98
31) Naphthalene	8.139	128	500661	41.666	ng	99
32) Benzoic acid	7.875	122	89351	40.169	ng	94
33) 4-Chloroaniline	8.192	127	106905	20.808	ng	98
34) Hexachlorobutadiene	8.257	225	97629	41.346	ng	96
35) Caprolactam	8.551	113	41112m	35.345	ng	
36) 4-Chloro-3-methylphenol	8.669	107	129546	32.513	ng	99
37) 2-Methylnaphthalene	8.833	142	303549	36.358	ng	97
38) 1-Methylnaphthalene	8.928	142	274887	35.781	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	130303	45.357	ng	98
41) Hexachlorocyclopentadiene	8.980	237	56527	44.154	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	80182	41.767	ng	98

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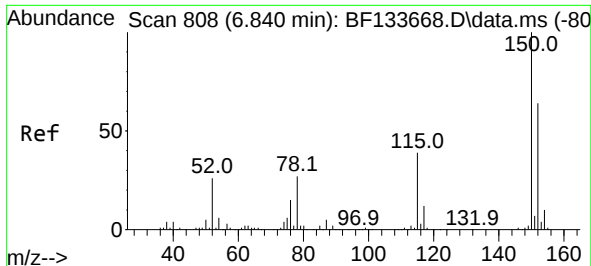
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	82184	36.798	ng	98
46) 1,1'-Biphenyl	9.292	154	346774	45.500	ng	99
47) 2-Chloronaphthalene	9.322	162	241096	44.101	ng	98
48) 2-Nitroaniline	9.416	65	83621	41.823	ng	97
49) Acenaphthylene	9.733	152	394913	41.503	ng	99
50) Dimethylphthalate	9.592	163	284370	40.316	ng	100
51) 2,6-Dinitrotoluene	9.657	165	58922	40.471	ng	# 77
52) Acenaphthene	9.910	154	247985m	44.525	ng	
53) 3-Nitroaniline	9.827	138	60092	33.917	ng	95
54) 2,4-Dinitrophenol	9.933	184	40582	58.682	ng	86
55) Dibenzofuran	10.080	168	374701	44.089	ng	96
56) 4-Nitrophenol	9.986	139	108383	90.641	ng	# 77
57) 2,4-Dinitrotoluene	10.063	165	78025	42.139	ng	97
58) Fluorene	10.422	166	311689	47.958	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	69605	41.627	ng	# 95
60) Diethylphthalate	10.292	149	282652	39.373	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	125018	38.965	ng	99
62) 4-Nitroaniline	10.439	138	63098	36.323	ng	94
63) Azobenzene	10.574	77	275360	40.518	ng	96
65) 4,6-Dinitro-2-methylph...	10.469	198	27290	29.907	ng	80
66) n-Nitrosodiphenylamine	10.533	169	229368	35.758	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	76220	35.761	ng	96
68) Hexachlorobenzene	10.969	284	85769	38.267	ng	95
69) Atrazine	11.063	200	79289	42.603	ng	98
70) Pentachlorophenol	11.169	266	100519	74.896	ng	98
71) Phenanthrene	11.392	178	708486	73.127	ng	99
72) Anthracene	11.439	178	515713	51.051	ng	100
73) Carbazole	11.598	167	432118	45.928	ng	99
74) Di-n-butylphthalate	11.927	149	464788	38.534	ng	99
75) Fluoranthene	12.586	202	1130647	109.895	ng	99
77) Benzidine	12.710	184	201229	33.601	ng	99
78) Pyrene	12.816	202	1110759	66.812	ng	99
80) Butylbenzylphthalate	13.427	149	237208	33.797	ng	96
81) Benzo(a)anthracene	14.004	228	844823	68.435	ng	98
82) 3,3'-Dichlorobenzidine	13.968	252	152138	37.069	ng	99
83) Chrysene	14.045	228	762408	65.297	ng	98
84) Bis(2-ethylhexyl)phtha...	13.992	149	332004	38.418	ng	98
85) Di-n-octyl phthalate	14.604	149	585234	47.655	ng	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	436595	44.698	ng	99
88) Benzo(b)fluoranthene	15.057	252	706594	81.929	ng	97
89) Benzo(k)fluoranthene	15.086	252	519202	61.800	ng	97
90) Benzo(a)pyrene	15.421	252	542471	67.773	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	281463	34.806	ng	100
92) Benzo(g,h,i)perylene	17.398	276	369299	46.061	ng	99

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

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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: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

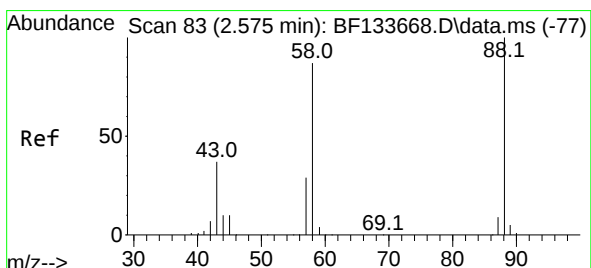
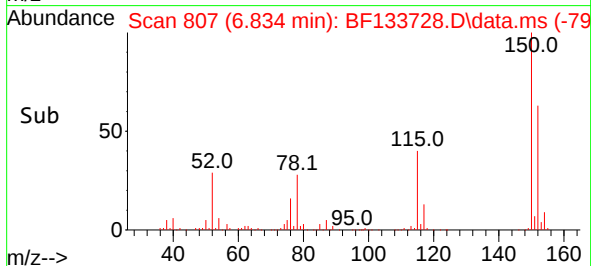
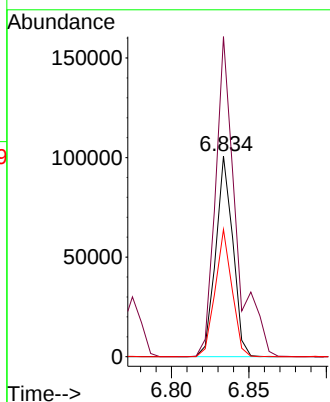
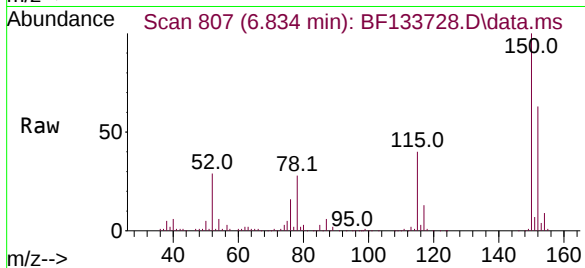
NB-8-060823MS

Tgt Ion:152 Resp: 77450
Ion Ratio Lower Upper
152 100
150 159.5 124.3 186.5
115 63.4 48.5 72.7

Manual Integrations

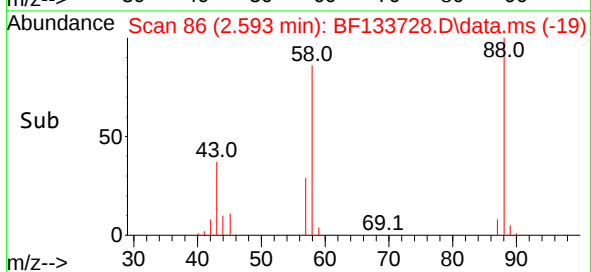
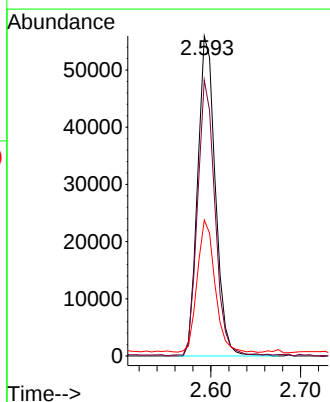
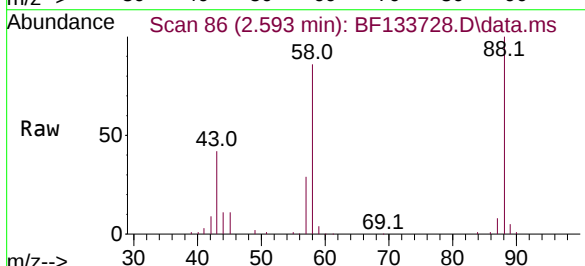
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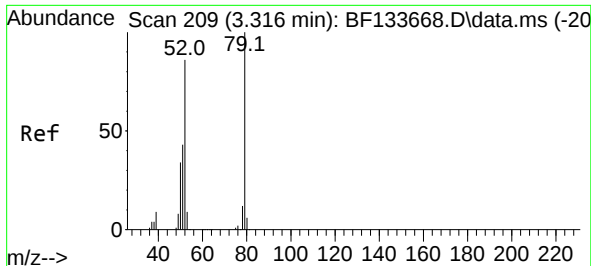
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 39.028 ng
RT: 2.593 min Scan# 86
Delta R.T. 0.041 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

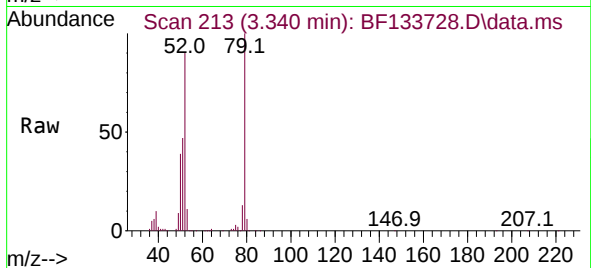
Tgt Ion: 88 Resp: 76335
Ion Ratio Lower Upper
88 100
58 85.9 67.8 101.6
43 41.4 29.8 44.6





#3
Pyridine
Concen: 34.009 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.035 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

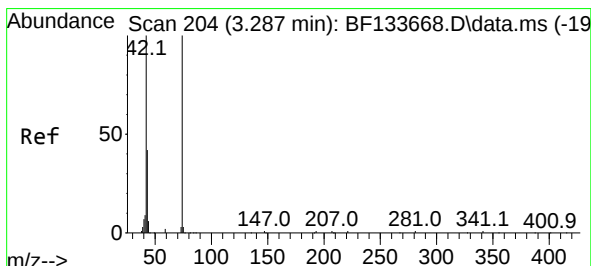
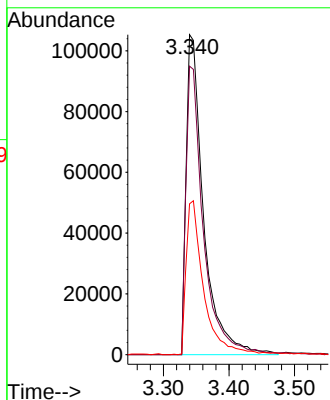
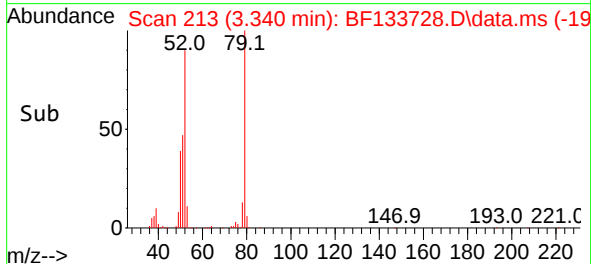
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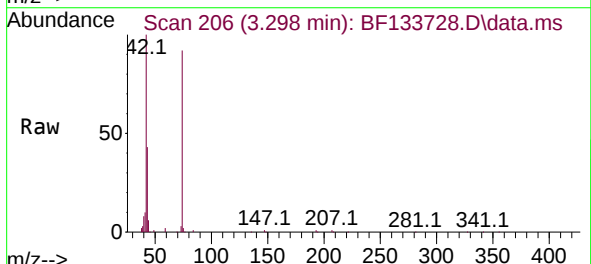
Tgt Ion: 79 Resp: 193878
Ion Ratio Lower Upper
79 100
52 90.1 68.6 102.8
51 47.2 34.8 52.2

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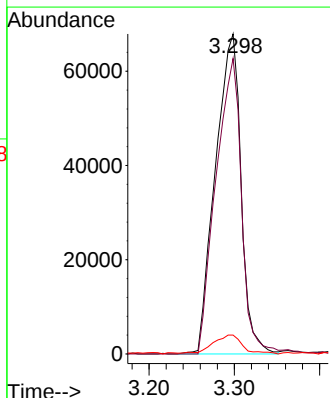
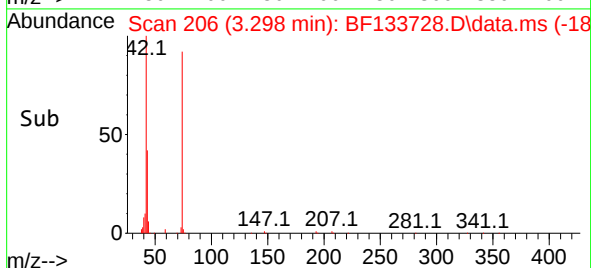
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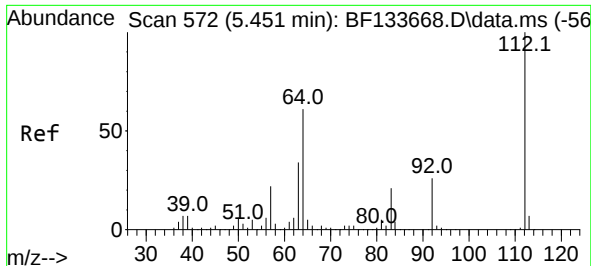


#4
n-Nitrosodimethylamine
Concen: 44.999 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.041 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



Tgt Ion: 42 Resp: 141803
Ion Ratio Lower Upper
42 100
74 92.4 79.8 119.8
44 5.9 4.7 7.1





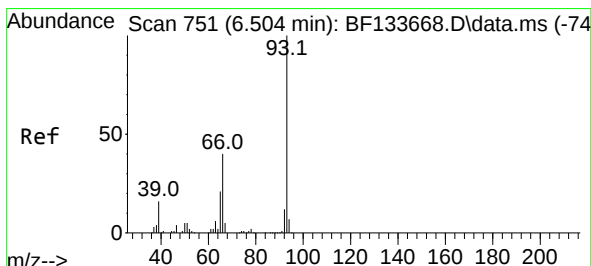
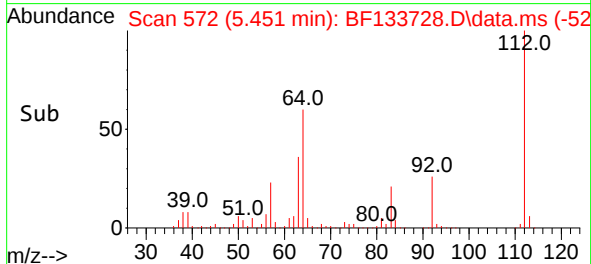
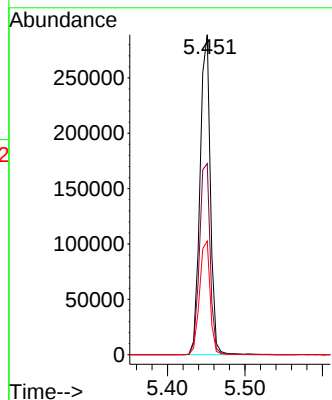
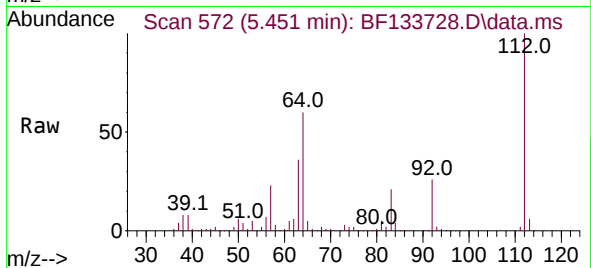
#5
2-Fluorophenol
Concen: 60.198 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :
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ClientSampleId :
NB-8-060823MS

Tgt Ion:112 Resp: 26781
Ion Ratio Lower Upper
112 100
64 59.7 49.0 73.4
63 35.5 26.8 40.2

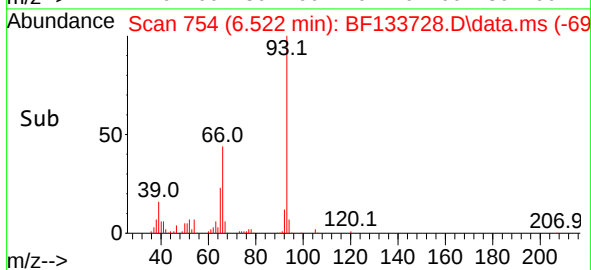
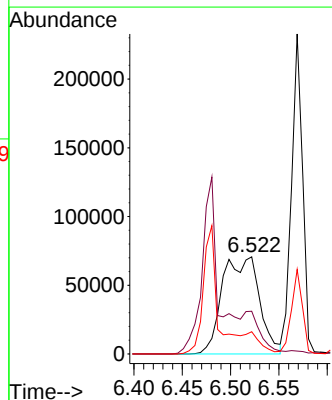
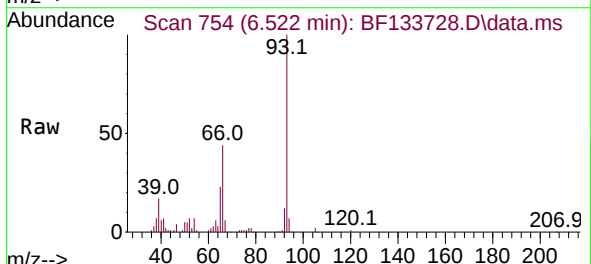
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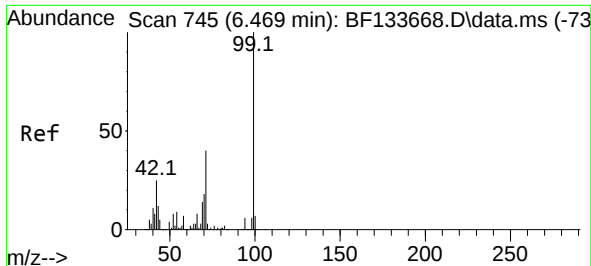
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 25.999 ng m
RT: 6.522 min Scan# 754
Delta R.T. 0.024 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

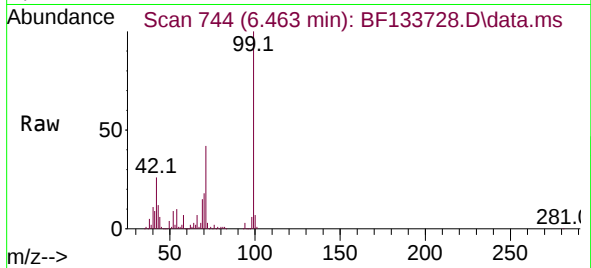
Tgt Ion: 93 Resp: 189629
Ion Ratio Lower Upper
93 100
66 44.0 34.4 51.6
65 22.9 17.5 26.3





#7
Phenol-d6
Concen: 50.382 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

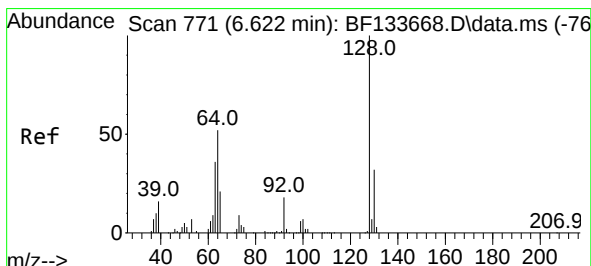
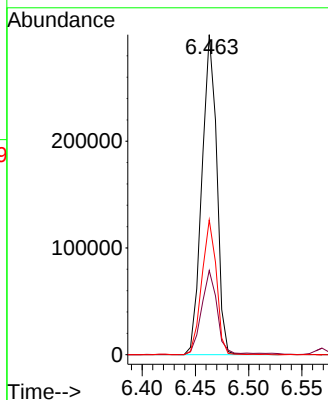
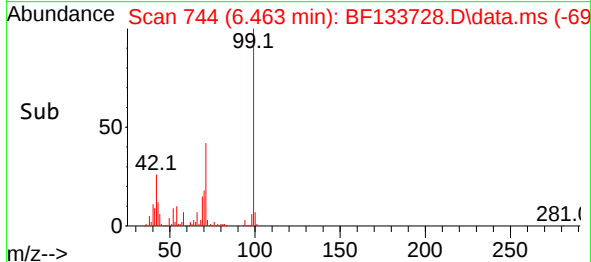
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Tgt Ion: 99 Resp: 291758
Ion Ratio Lower Upper
99 100
42 26.3 19.9 29.9
71 42.1 32.2 48.4

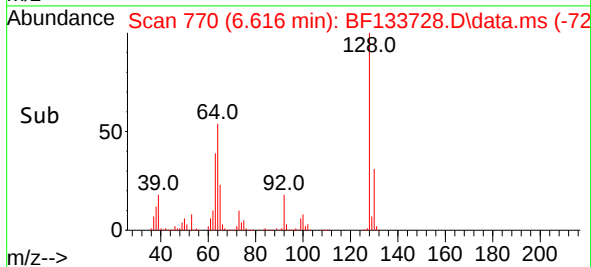
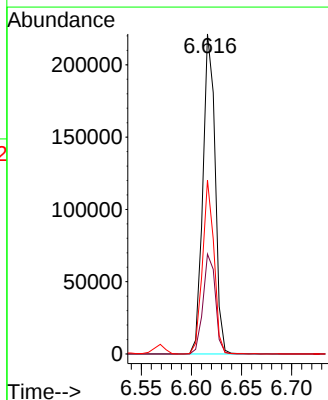
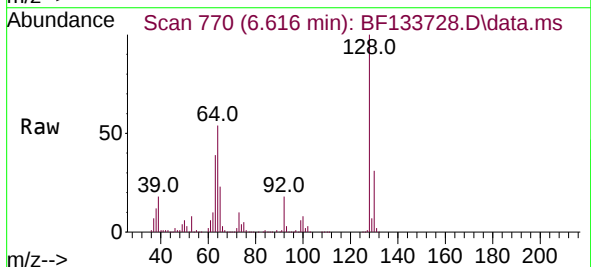
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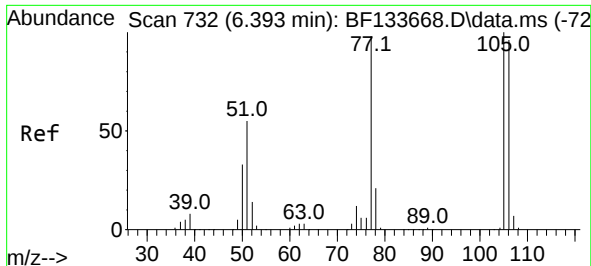
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#8
2-Chlorophenol
Concen: 40.429 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

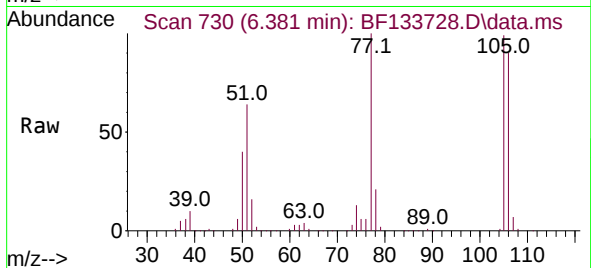
Tgt Ion:128 Resp: 189548
Ion Ratio Lower Upper
128 100
130 31.2 12.3 52.3
64 54.4 33.1 73.1





#9
Benzaldehyde
Concen: 29.010 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

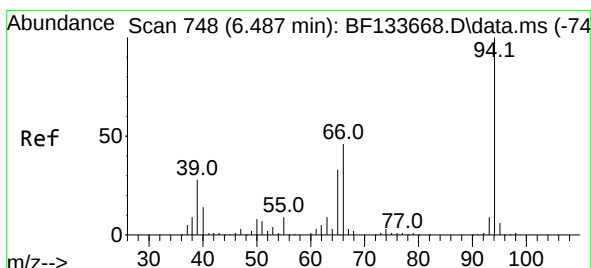
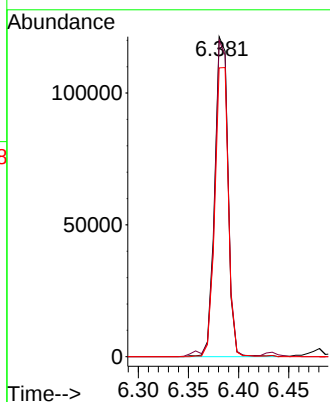
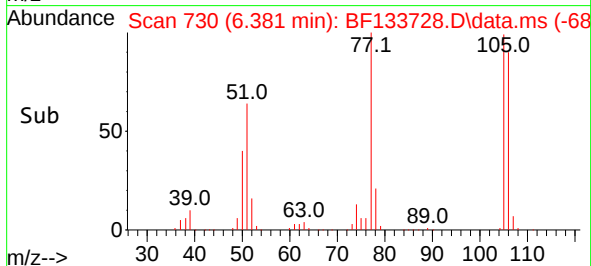
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Tgt Ion: 77 Resp: 11145
Ion Ratio Lower Upper
77 100
105 98.8 82.0 122.0
106 90.3 77.6 117.6

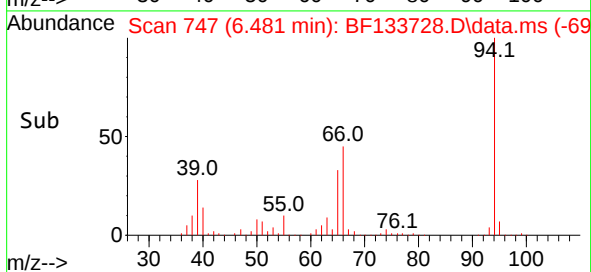
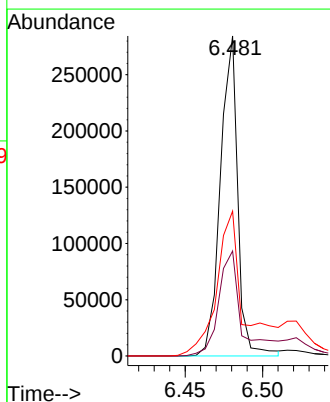
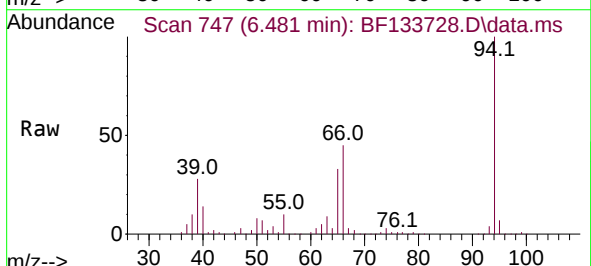
Manual Integrations
APPROVED

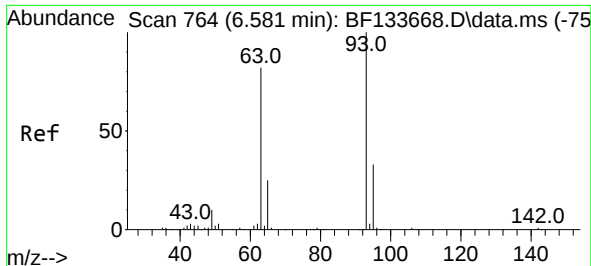
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 36.592 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion: 94 Resp: 221264
Ion Ratio Lower Upper
94 100
65 32.8 13.2 53.2
66 45.3 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 40.719 ng

RT: 6.569 min Scan# 701

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

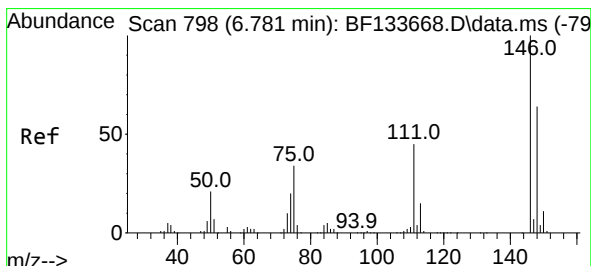
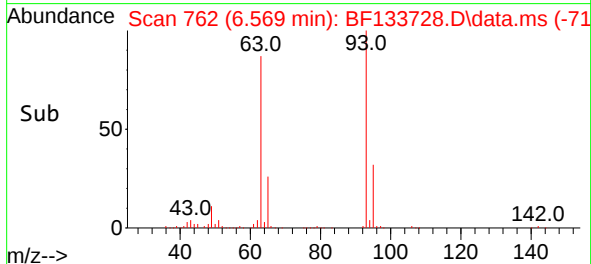
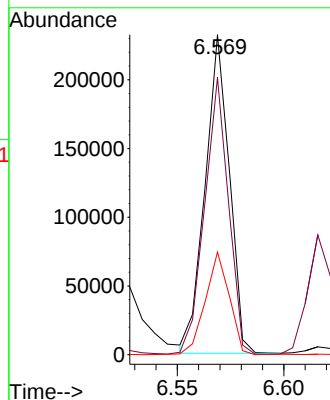
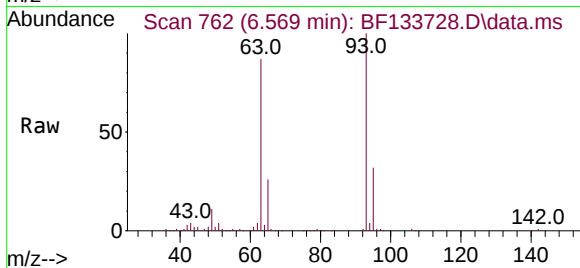
Tgt Ion:	93	Resp:	18279
Ion Ratio	Lower	Upper	
93	100		
63	86.7	62.1	102.1
95	32.1	13.0	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#12

1,3-Dichlorobenzene

Concen: 42.936 ng

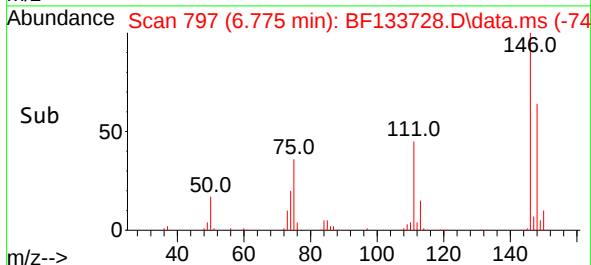
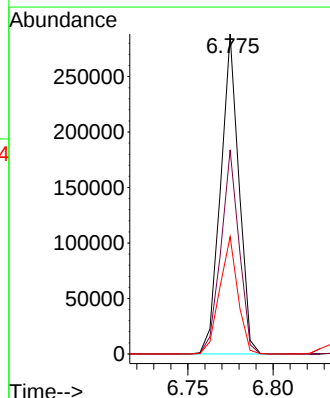
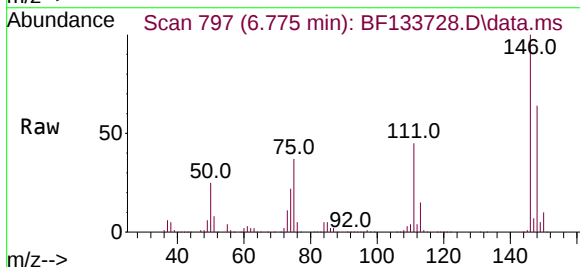
RT: 6.775 min Scan# 797

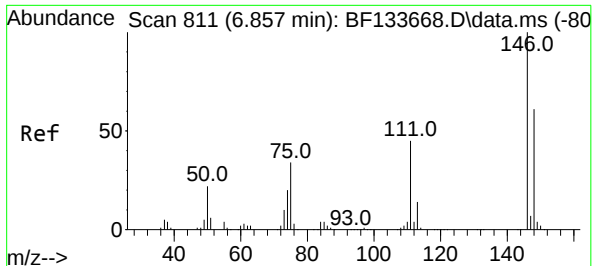
Delta R.T. 0.000 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Tgt Ion:	146	Resp:	215076
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.9	76.3
75	36.7	27.1	40.7





#13

1,4-Dichlorobenzene

Concen: 43.048 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

Tgt Ion:146 Resp: 217949

Ion Ratio Lower Upper

146 100

148 61.5 48.9 73.3

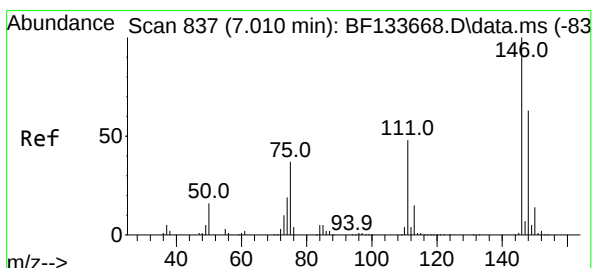
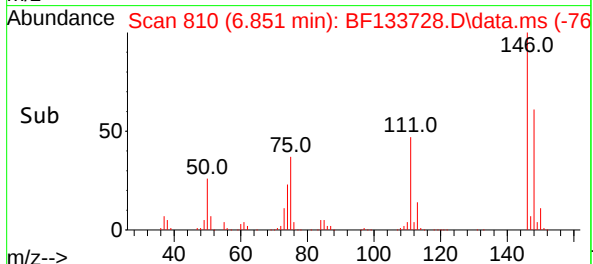
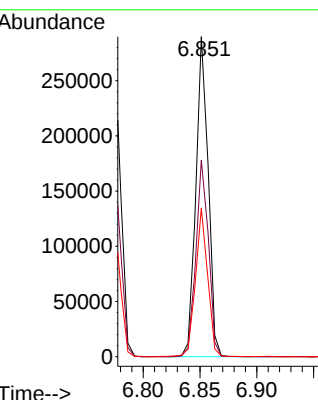
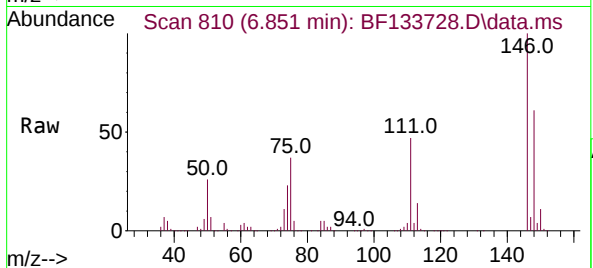
111 46.5 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#14

1,2-Dichlorobenzene

Concen: 44.383 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

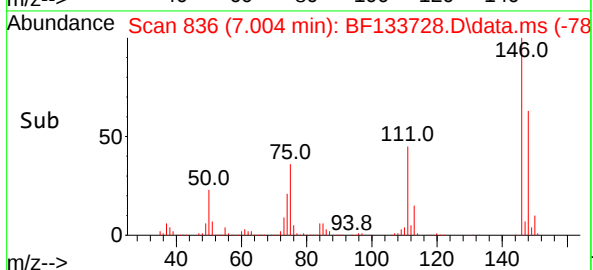
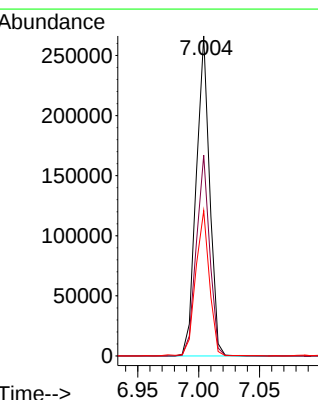
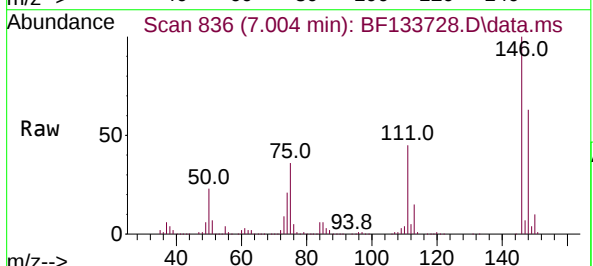
Tgt Ion:146 Resp: 203044

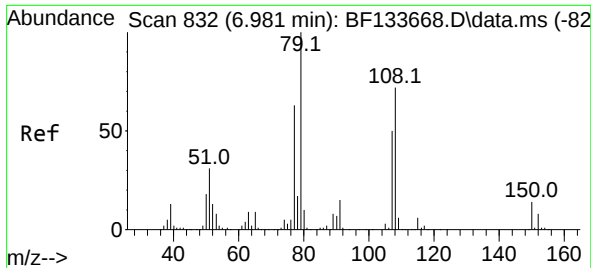
Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

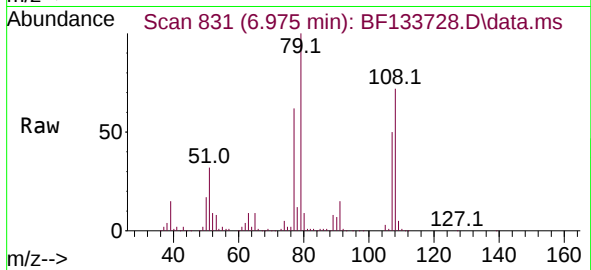
111 45.4 38.7 58.1





#15
Benzyl Alcohol
Concen: 38.654 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

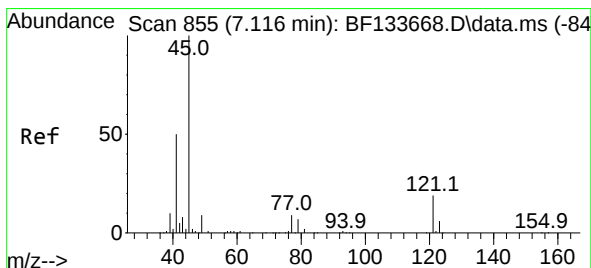
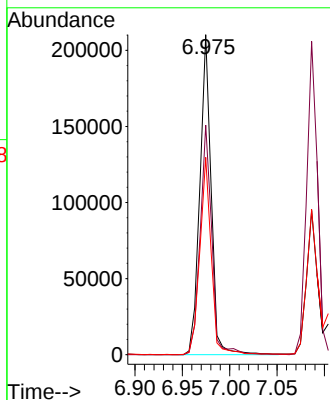
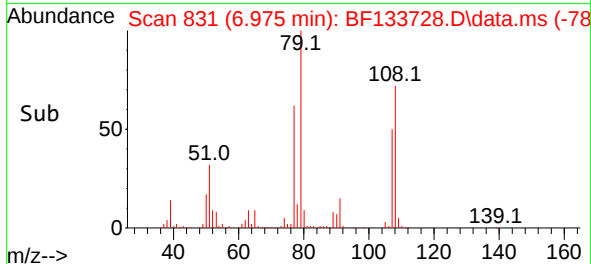
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



Tgt Ion: 79 Resp: 174828
Ion Ratio Lower Upper
79 100
108 71.8 57.9 86.9
77 61.7 50.4 75.6

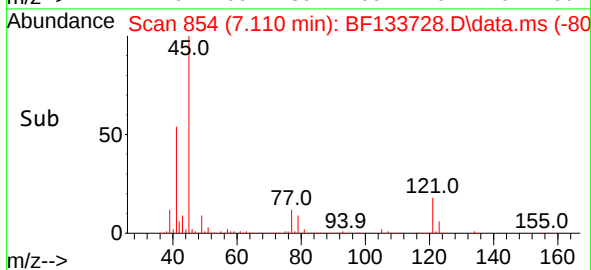
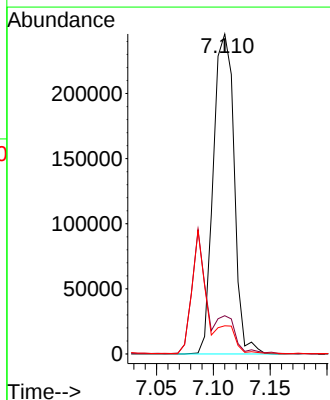
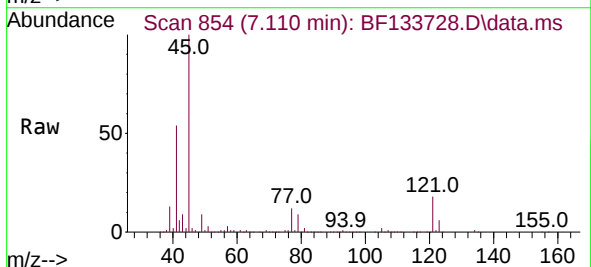
Manual Integrations
APPROVED

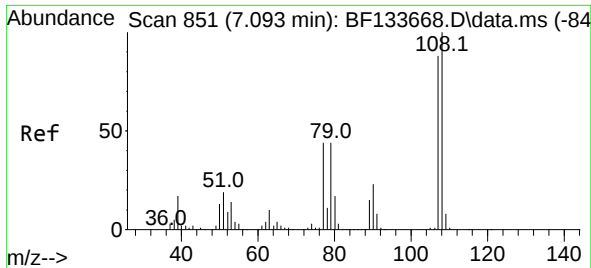
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.100 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

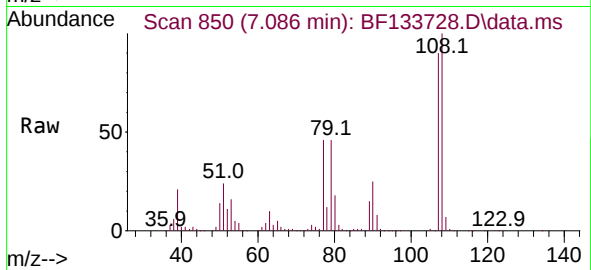
Tgt Ion: 45 Resp: 312763
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.3
79 8.8 0.0 29.4





#17
2-Methylphenol
Concen: 35.005 ng
RT: 7.086 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

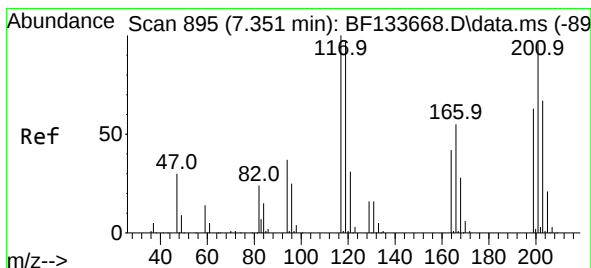
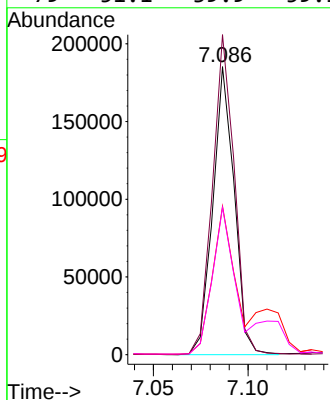
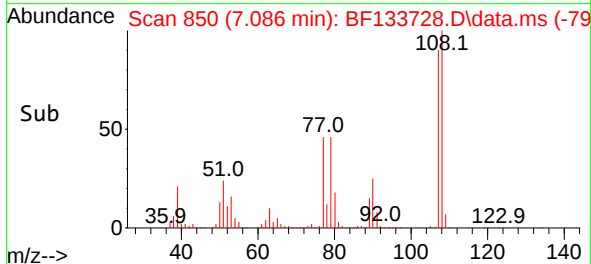
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



Tgt Ion:107 Resp: 145464
Ion Ratio Lower Upper
107 100
108 111.1 90.9 136.3
77 51.5 39.8 59.6
79 51.1 39.9 59.9

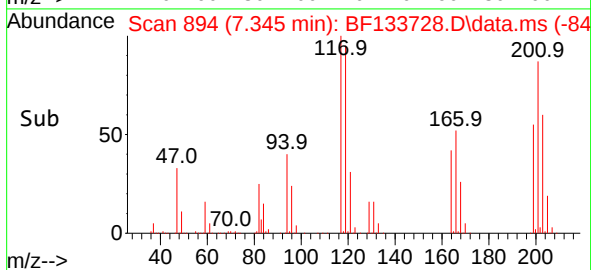
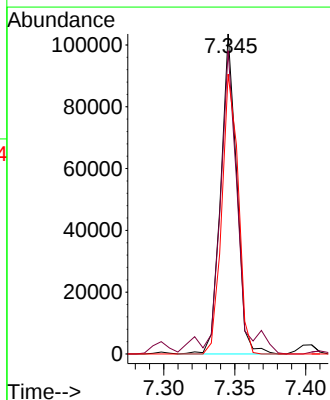
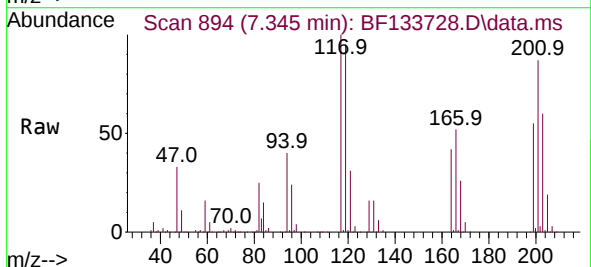
Manual Integrations
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Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 46.553 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

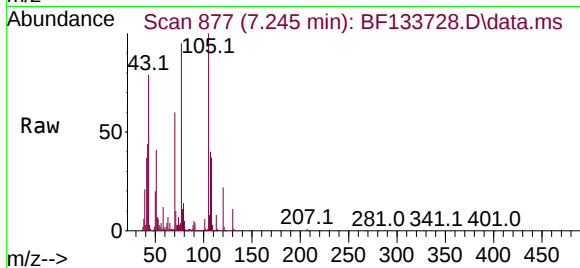
Tgt Ion:117 Resp: 80690
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
201 87.4 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 36.658 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

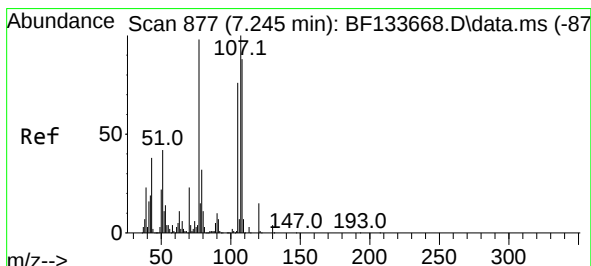
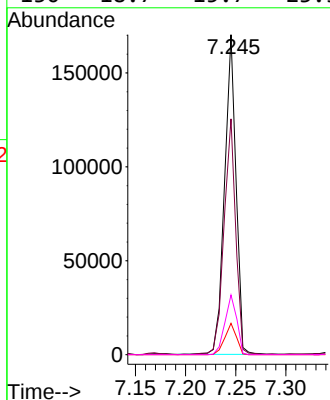
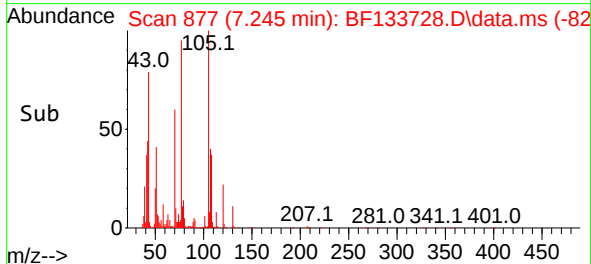
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



Tgt Ion: 70 Resp: 13506
Ion Ratio Lower Upper
70 100
42 73.7 55.8 83.8
101 9.8 8.1 12.1
130 18.7 15.7 23.5

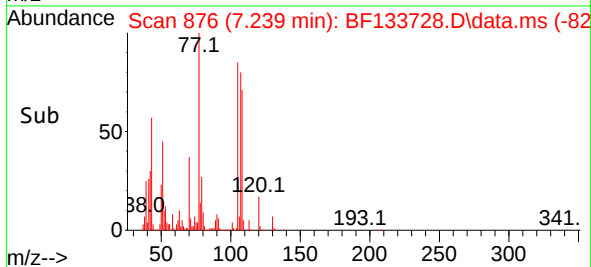
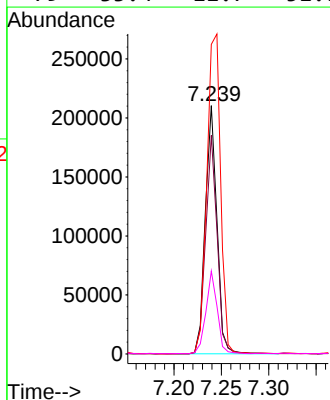
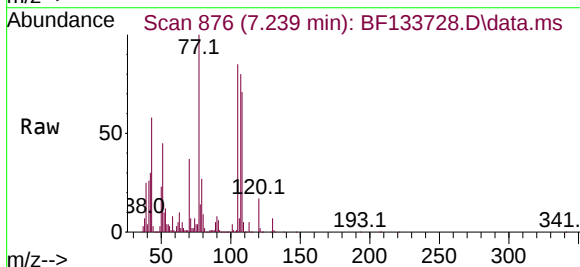
Manual Integrations
APPROVED

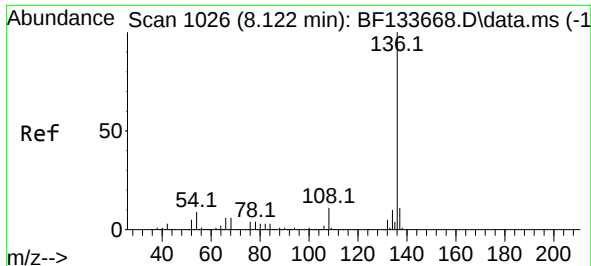
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#20
3+4-Methylphenols
Concen: 33.066 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:107 Resp: 178750
Ion Ratio Lower Upper
107 100
108 88.0 67.9 107.9
77 124.6 77.7 117.7#
79 33.4 11.7 51.7





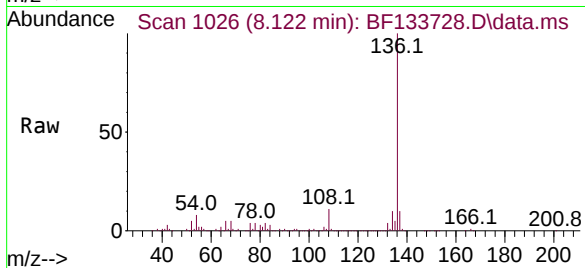
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

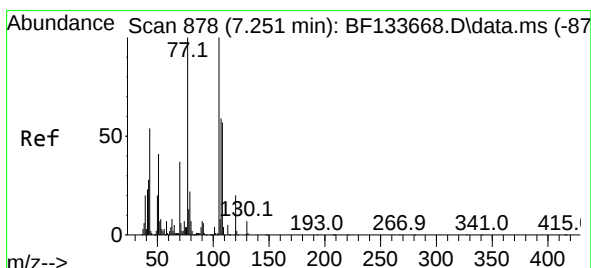
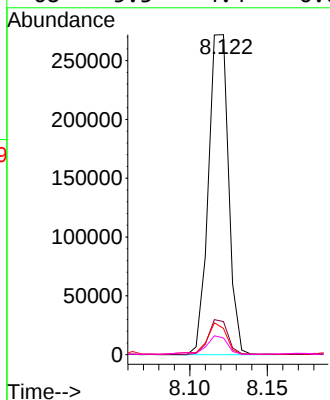
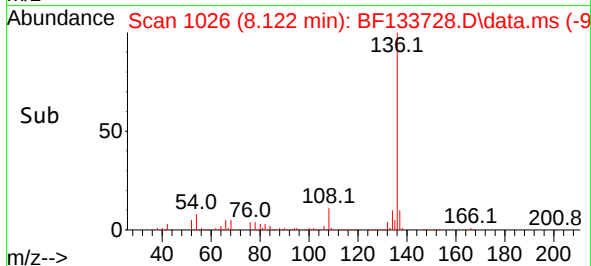


Tgt Ion:136 Resp: 246633
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.2 7.4 11.0
68 5.3 4.4 6.6

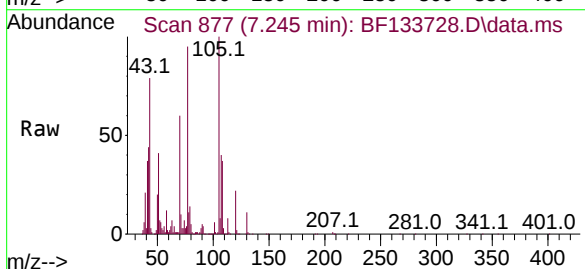
Manual Integrations

APPROVED

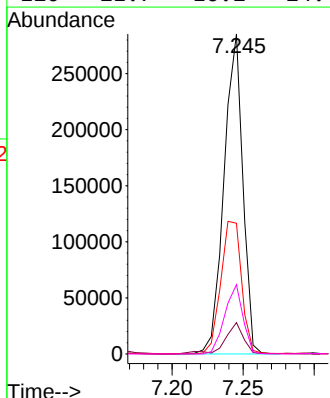
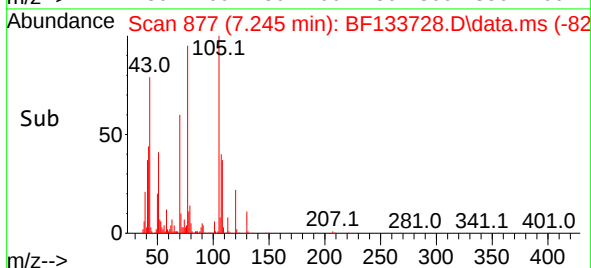
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

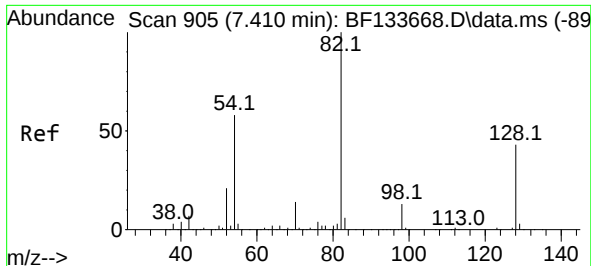


#22
Acetophenone
Concen: 46.345 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



Tgt Ion:105 Resp: 262157
Ion Ratio Lower Upper
105 100
71 9.8 4.8 7.2#
51 40.9 33.0 49.4
120 21.7 16.2 24.4





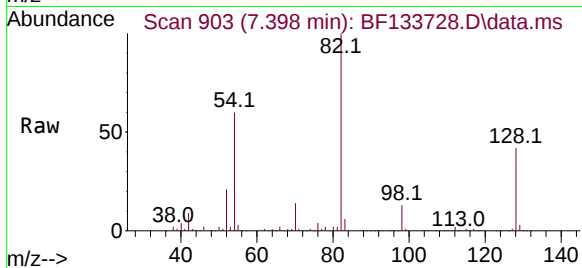
#23
Nitrobenzene-d5
Concen: 42.702 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

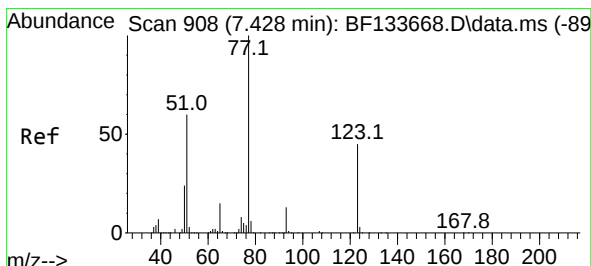
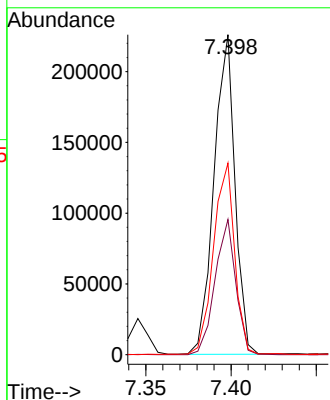
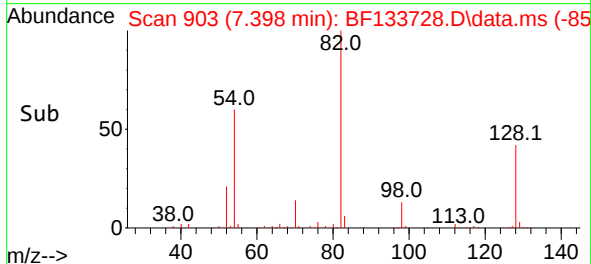


Tgt Ion: 82 Resp: 193359
Ion Ratio Lower Upper
82 100
128 42.2 34.2 51.2
54 59.8 46.5 69.7

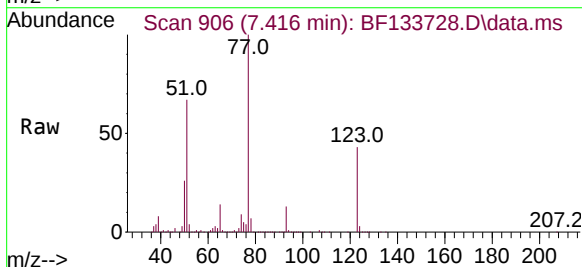
Manual Integrations

APPROVED

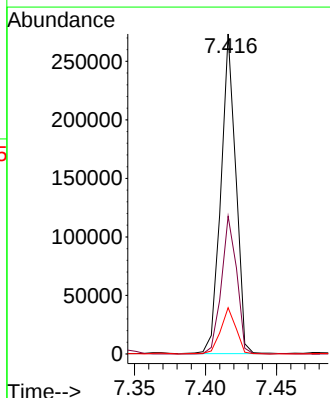
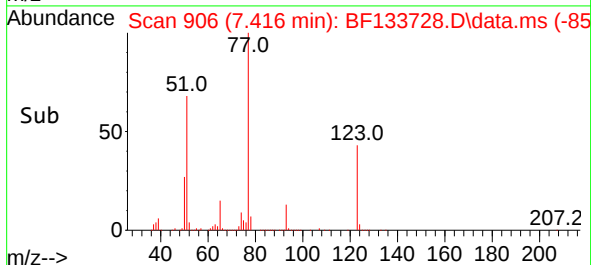
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

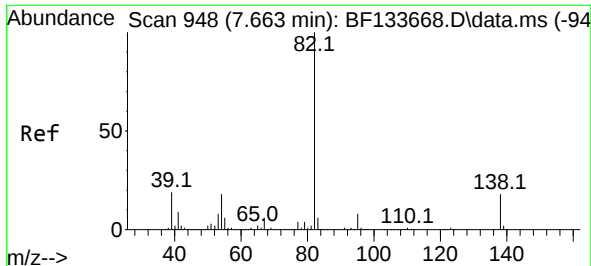


#24
Nitrobenzene
Concen: 43.763 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



Tgt Ion: 77 Resp: 199542
Ion Ratio Lower Upper
77 100
123 43.1 35.8 53.8
65 14.5 11.6 17.4





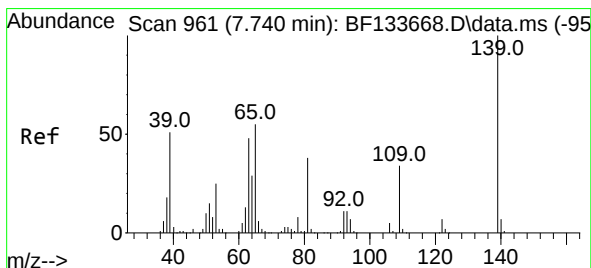
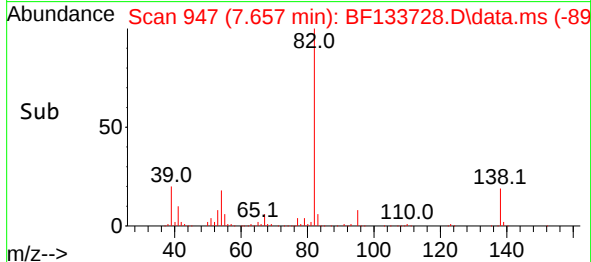
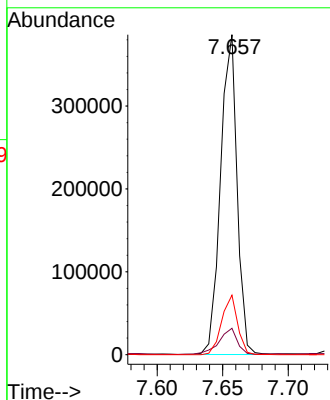
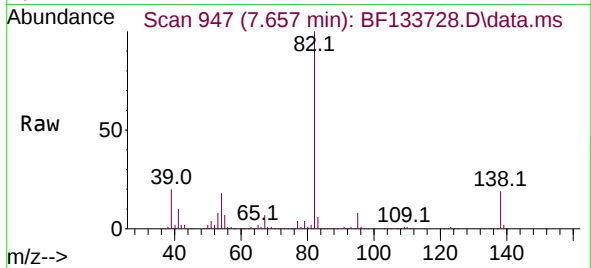
#25
Isophorone
Concen: 40.580 ng
RT: 7.657 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS

Tgt Ion: 82 Resp: 337350
Ion Ratio Lower Upper
82 100
95 8.2 6.0 9.0
138 18.6 14.2 21.2

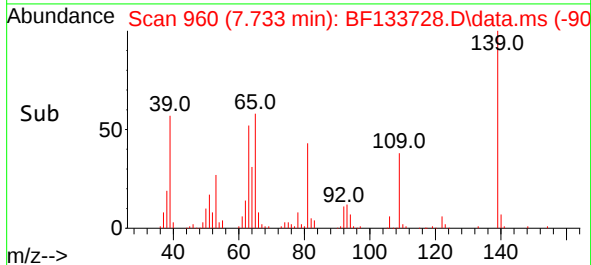
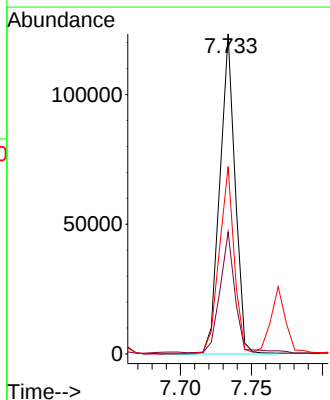
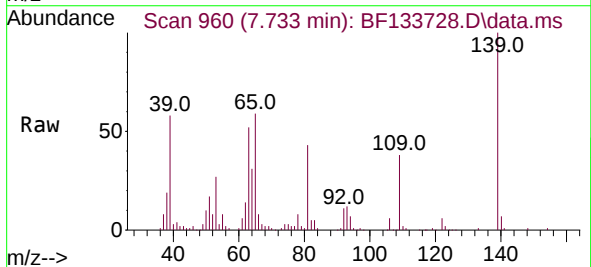
Manual Integrations
APPROVED

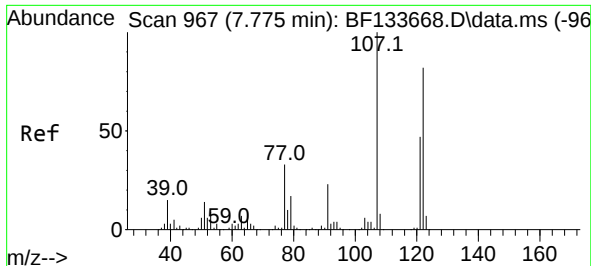
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#26
2-Nitrophenol
Concen: 45.028 ng
RT: 7.733 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:139 Resp: 92139
Ion Ratio Lower Upper
139 100
109 38.2 27.0 40.6
65 58.6 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 41.943 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

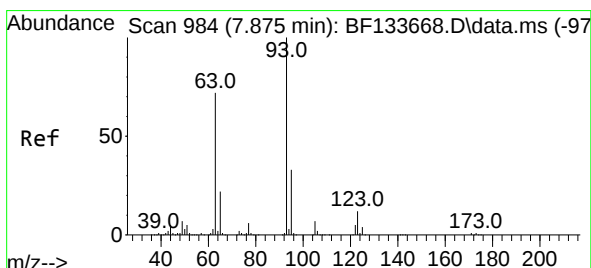
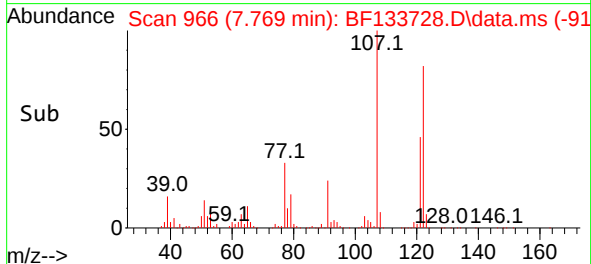
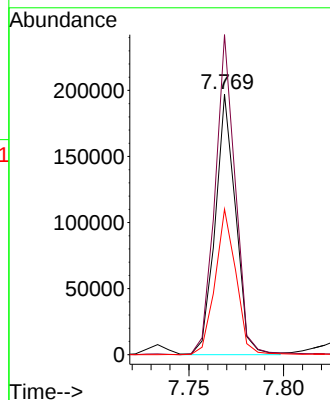
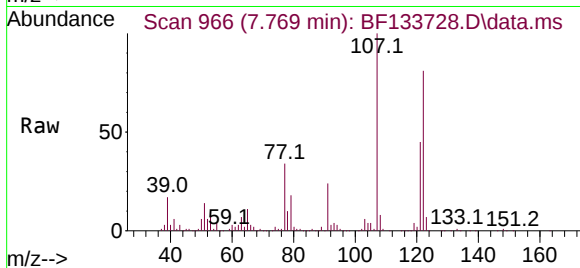
NB-8-060823MS

Tgt Ion:122 Resp: 147932
Ion Ratio Lower Upper
122 100
107 122.9 97.8 146.6
121 55.9 46.1 69.1

Manual Integrations

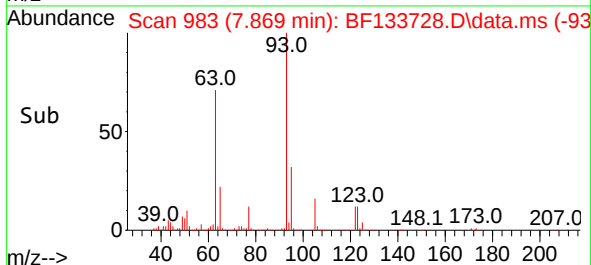
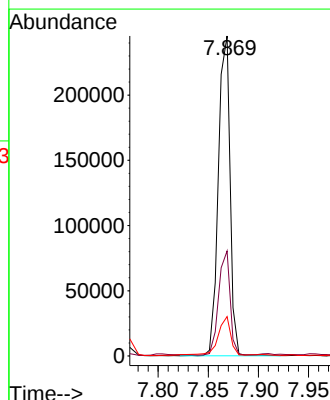
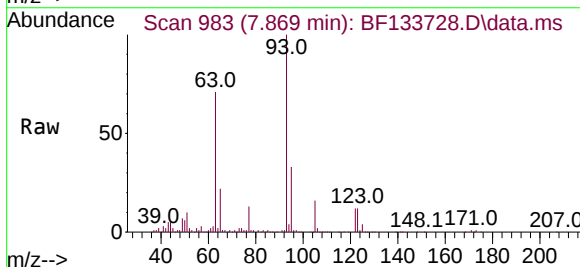
APPROVED

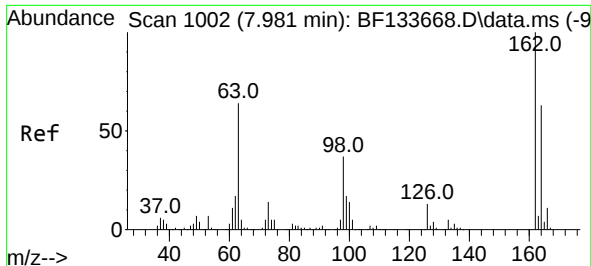
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.318 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion: 93 Resp: 198522
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 37.808 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

Tgt Ion:162 Resp: 13069

Ion Ratio Lower Upper

162 100

164 64.9 43.4 83.4

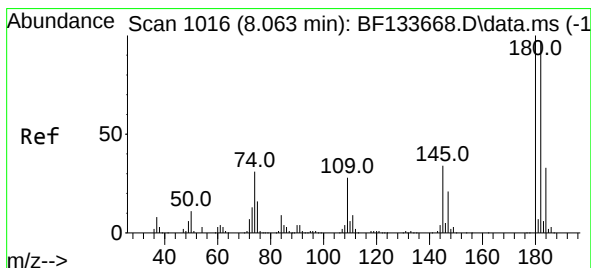
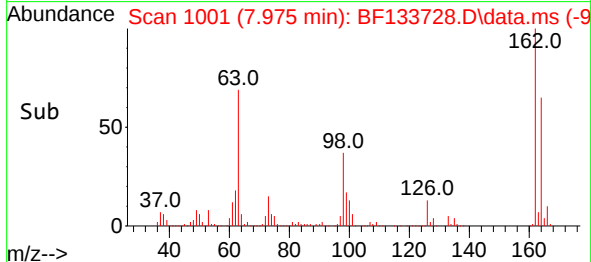
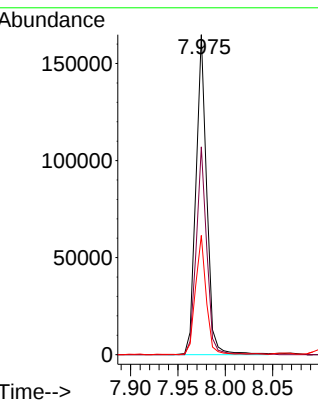
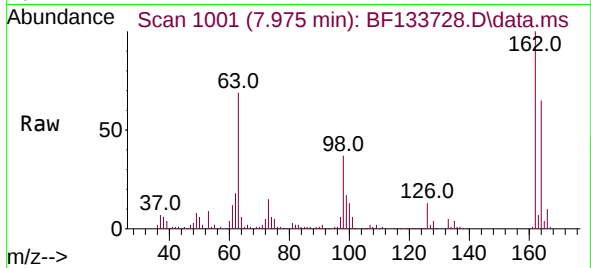
98 37.2 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.571 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

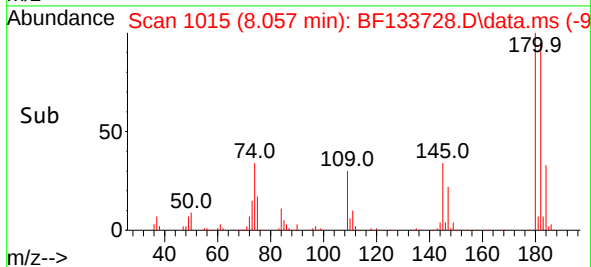
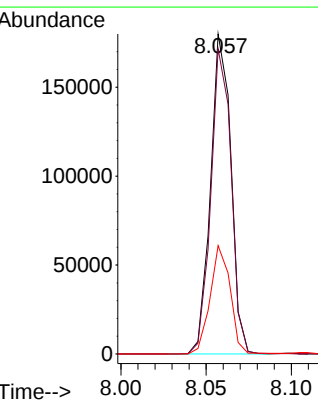
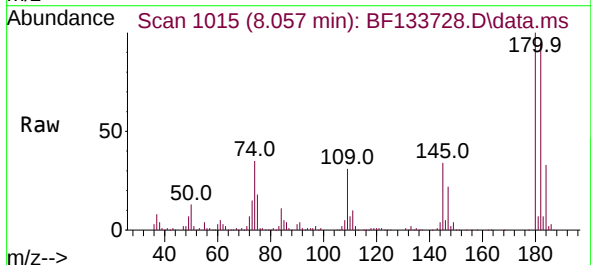
Tgt Ion:180 Resp: 149926

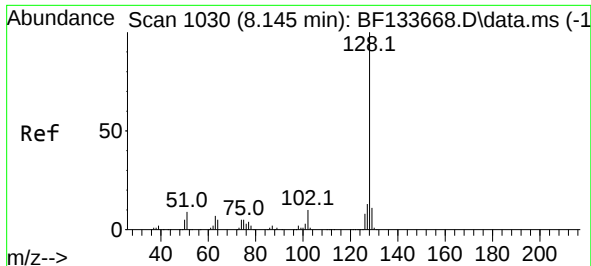
Ion Ratio Lower Upper

180 100

182 95.3 77.8 116.8

145 33.9 27.0 40.4





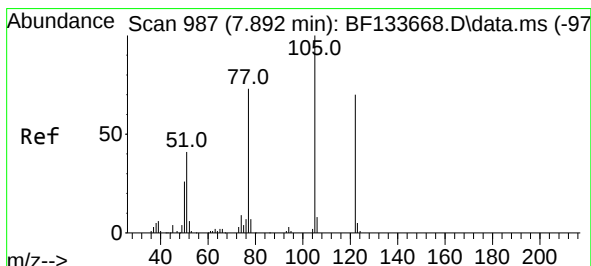
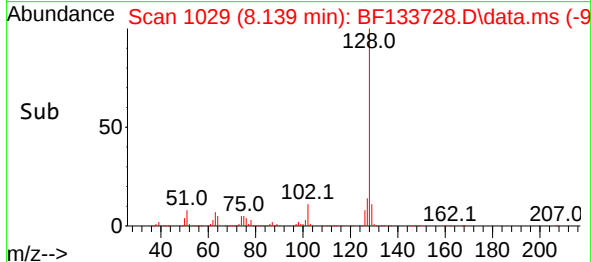
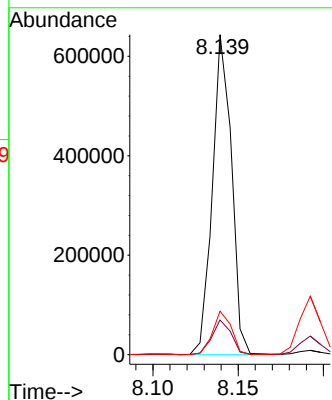
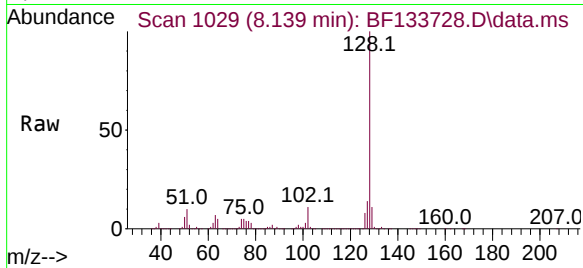
#31
Naphthalene
Concen: 41.666 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS

Tgt Ion:128 Resp: 50066
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.6 10.5 15.7

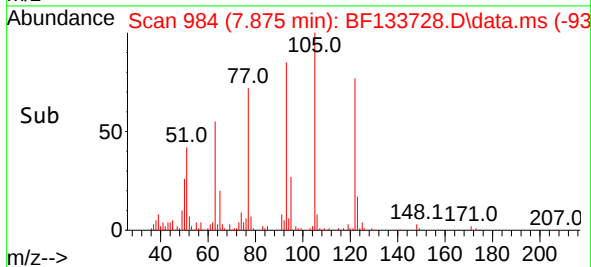
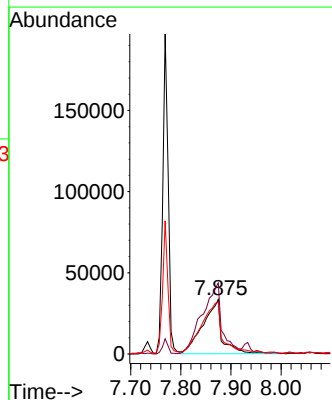
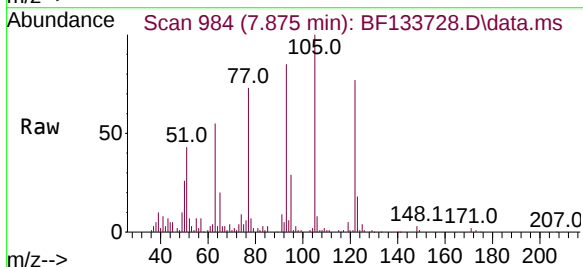
Manual Integrations
APPROVED

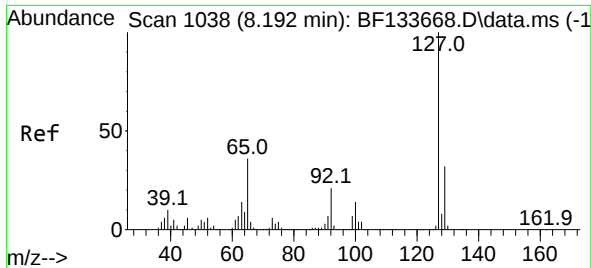
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#32
Benzoic acid
Concen: 40.169 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.018 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:122 Resp: 89351
Ion Ratio Lower Upper
122 100
105 130.4 116.3 156.3
77 95.3 82.4 122.4





#33
4-Chloroaniline
Concen: 20.808 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

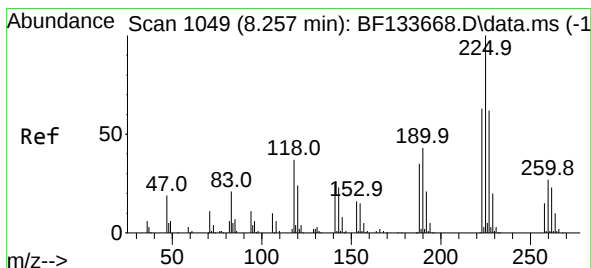
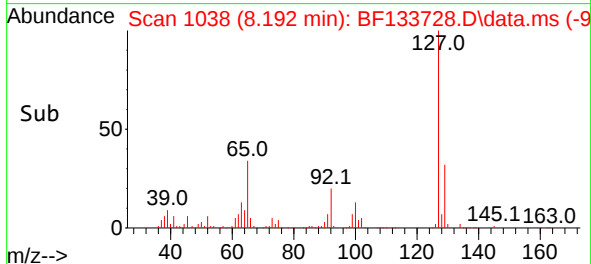
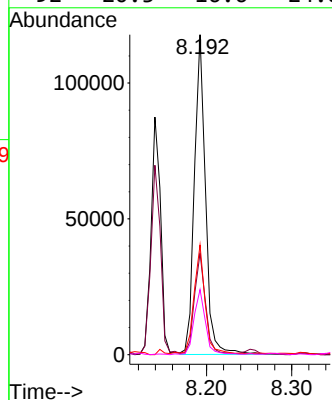
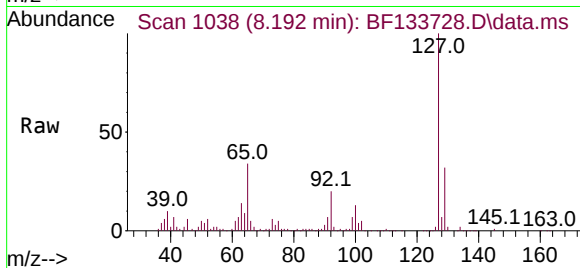
ClientSampleId :

NB-8-060823MS

Tgt Ion:127 Resp: 10690
Ion Ratio Lower Upper
127 100
129 31.7 25.6 38.4
65 34.3 28.9 43.3
92 20.3 16.6 24.8

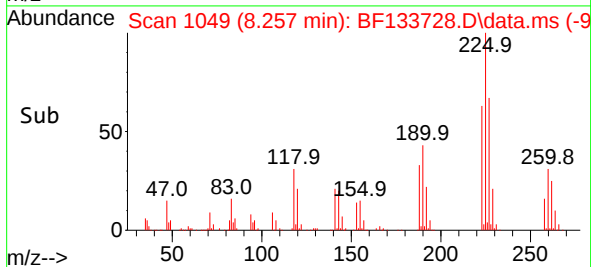
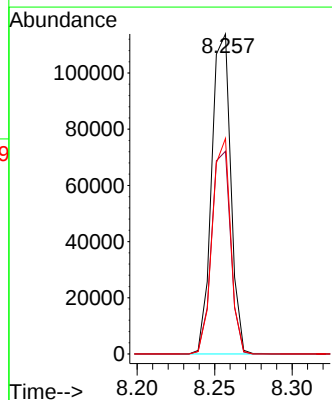
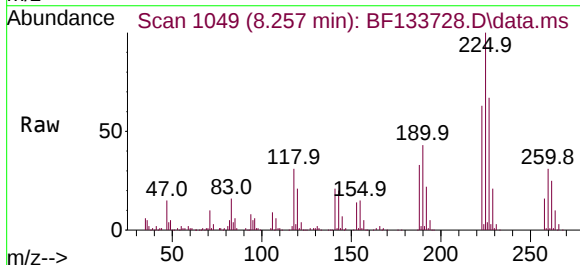
Manual Integrations
APPROVED

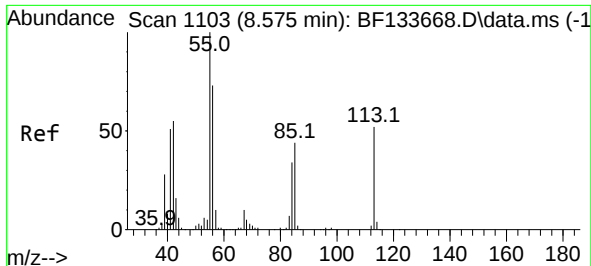
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 41.346 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

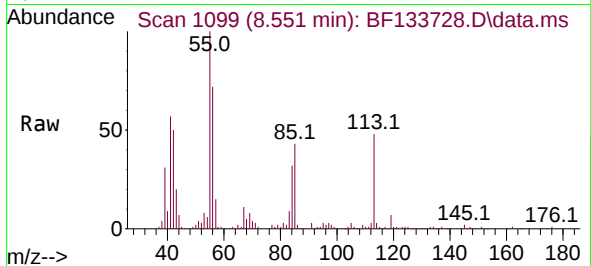
Tgt Ion:225 Resp: 97629
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.4
227 67.3 49.5 74.3





#35
 Caprolactam
 Concen: 35.345 ng m
 RT: 8.551 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: BF133728.D
 Acq: 13 Jun 2023 13:41

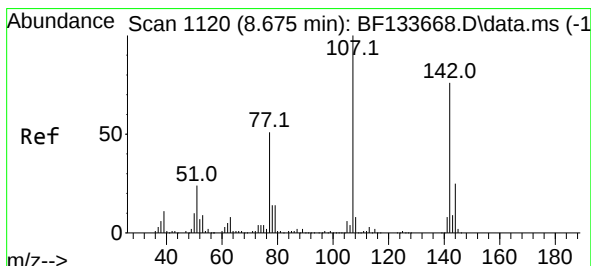
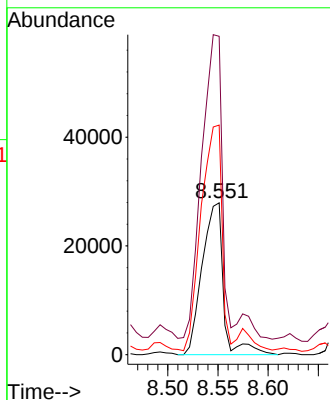
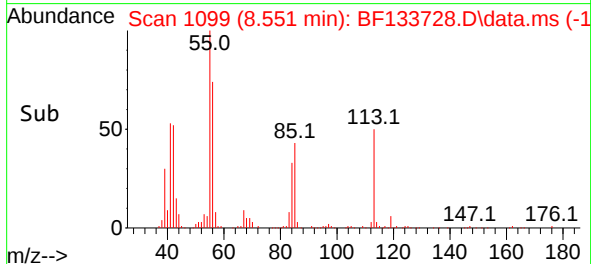
Instrument :
 BNA_F
 ClientSampleId :
 NB-8-060823MS



Tgt Ion:113 Resp: 41112
 Ion Ratio Lower Upper
 113 100
 55 209.6 173.3 213.3
 56 151.2 120.5 160.5

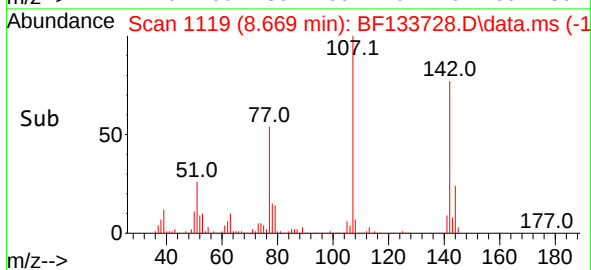
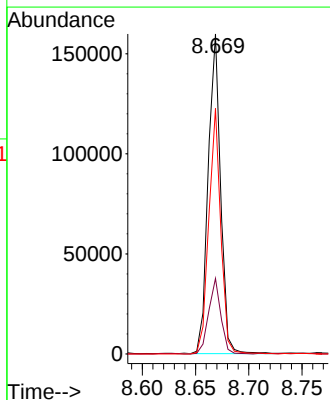
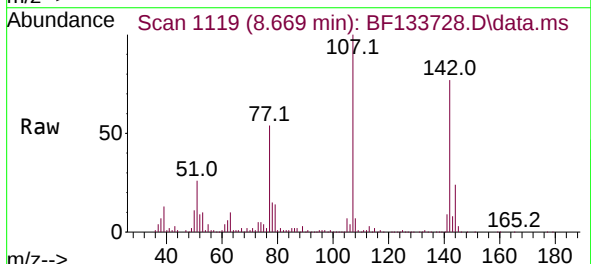
Manual Integrations
 APPROVED

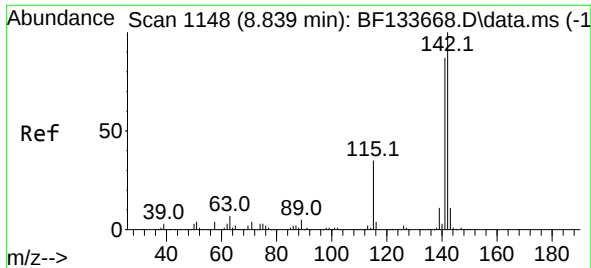
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#36
 4-Chloro-3-methylphenol
 Concen: 32.513 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133728.D
 Acq: 13 Jun 2023 13:41

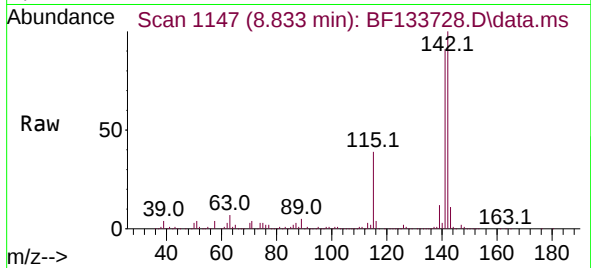
Tgt Ion:107 Resp: 129546
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.7 29.5
 142 76.7 61.1 91.7





#37
2-Methylnaphthalene
Concen: 36.358 ng
RT: 8.833 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

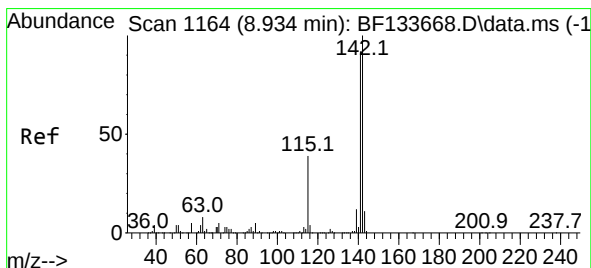
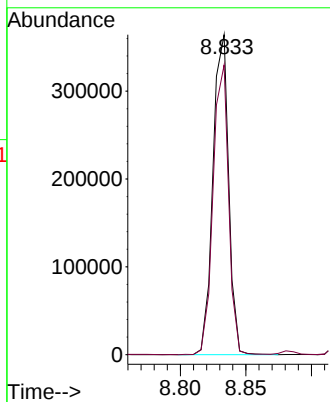
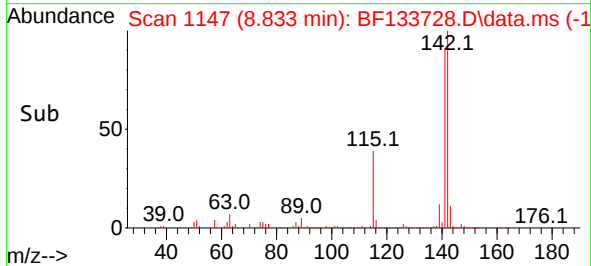
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



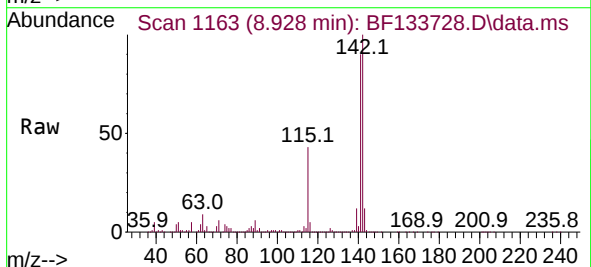
Tgt Ion:142 Resp: 303549
Ion Ratio Lower Upper
142 100
141 90.5 69.8 104.8

Manual Integrations
APPROVED

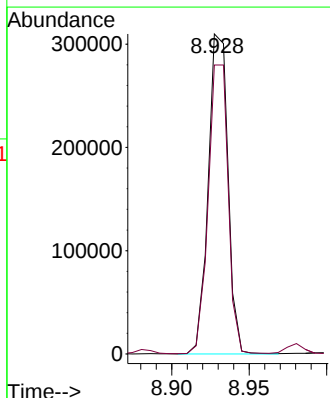
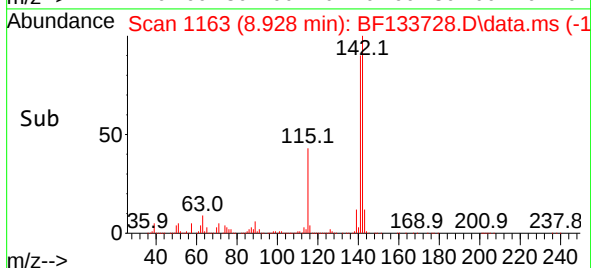
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

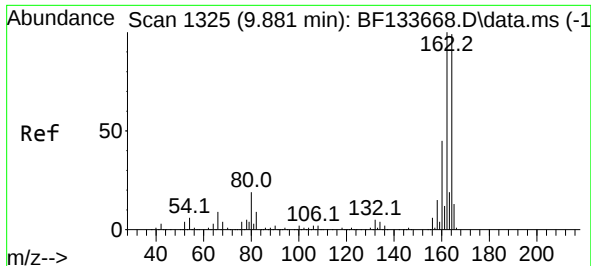


#38
1-Methylnaphthalene
Concen: 35.781 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



Tgt Ion:142 Resp: 274887
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

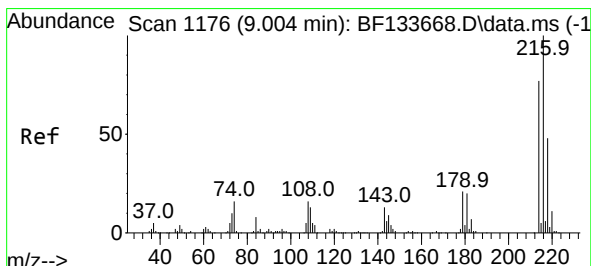
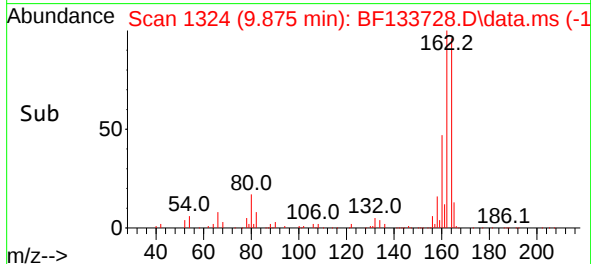
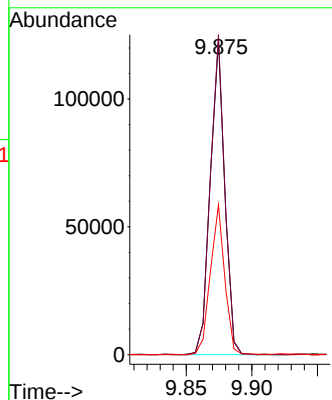
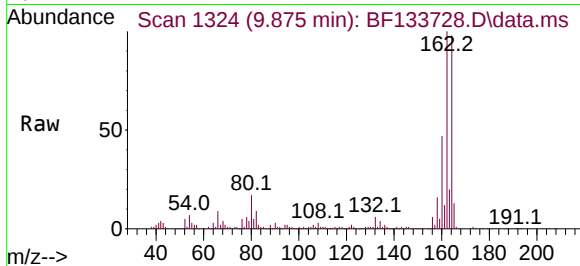
NB-8-060823MS

Tgt Ion:164 Resp: 94498
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 47.6 36.7 55.1

Manual Integrations

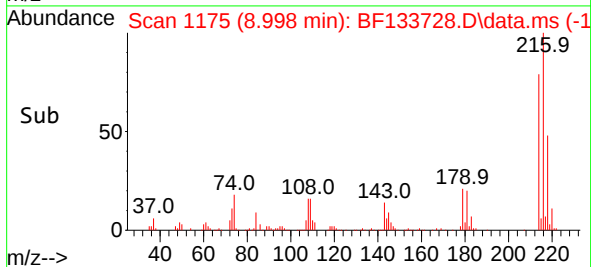
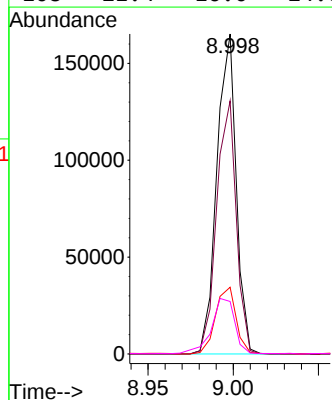
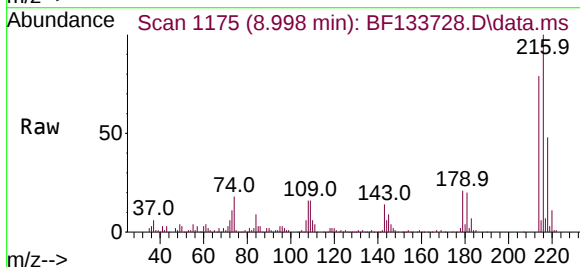
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.357 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:216 Resp: 130303
Ion Ratio Lower Upper
216 100
214 80.2 62.7 94.1
179 22.3 17.6 26.4
108 21.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 44.154 ng
RT: 8.980 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

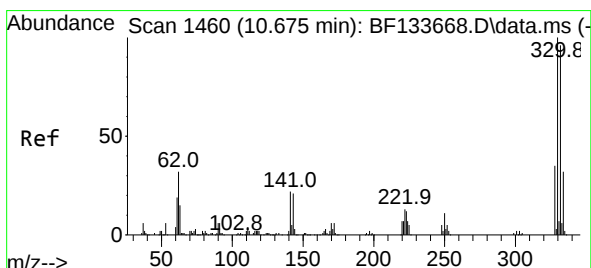
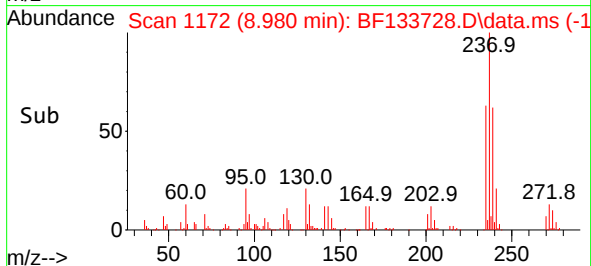
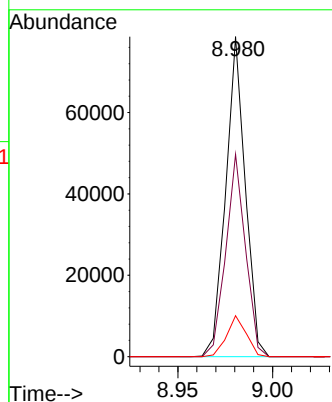
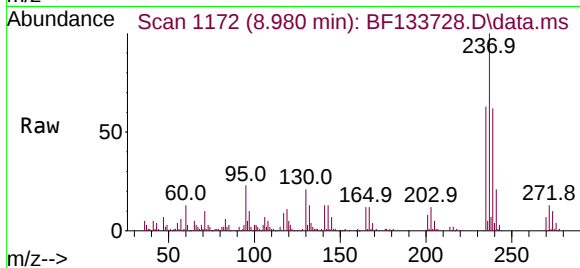
ClientSampleId :

NB-8-060823MS

Tgt Ion:237 Resp: 5652
Ion Ratio Lower Upper
237 100
235 63.2 40.6 80.6
272 12.8 0.0 32.6

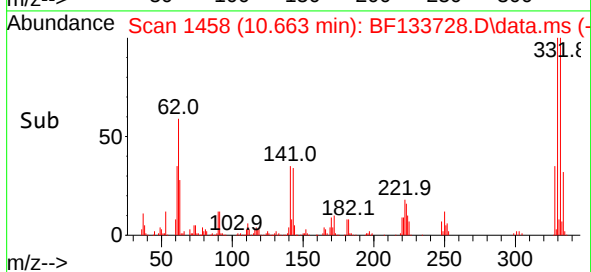
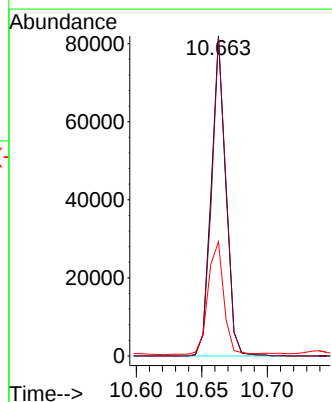
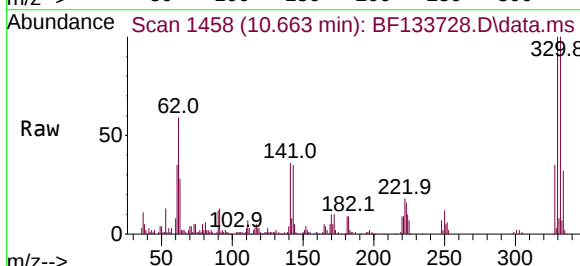
Manual Integrations
APPROVED

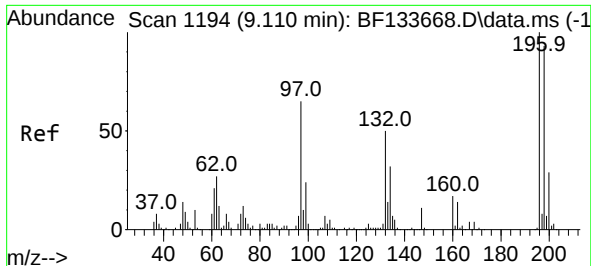
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#42
2,4,6-Tribromophenol
Concen: 52.829 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:330 Resp: 63193
Ion Ratio Lower Upper
330 100
332 98.9 77.2 115.8
141 38.7 24.9 37.3#





#43

2,4,6-Trichlorophenol

Concen: 41.767 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF133728.D

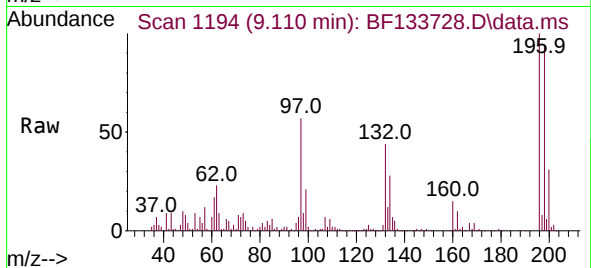
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS



Tgt Ion:196 Resp: 8018

Ion Ratio Lower Upper

196 100

198 94.2 74.5 111.7

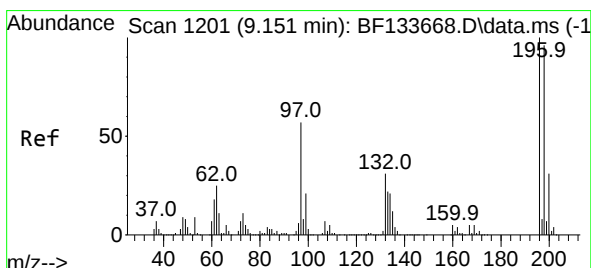
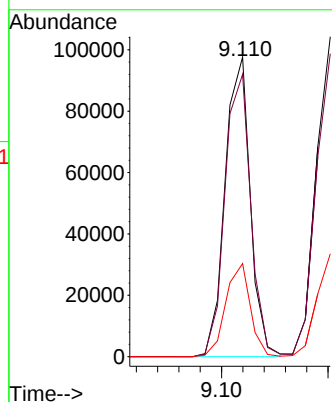
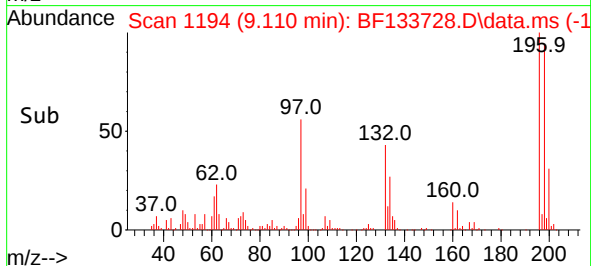
200 31.1 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#44

2,4,5-Trichlorophenol

Concen: 36.798 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Tgt Ion:196 Resp: 82184

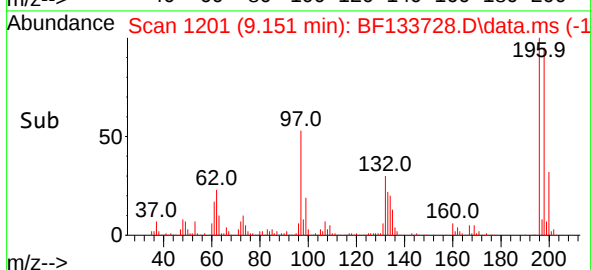
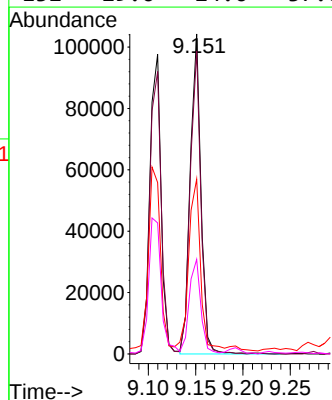
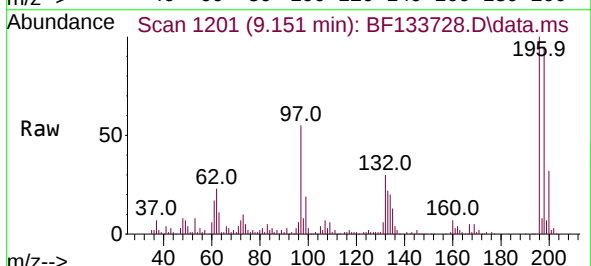
Ion Ratio Lower Upper

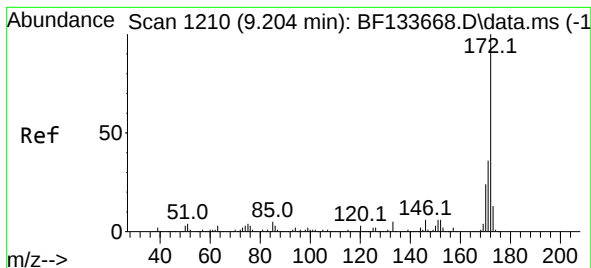
196 100

198 94.7 76.8 115.2

97 54.7 45.4 68.2

132 29.6 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 45.867 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

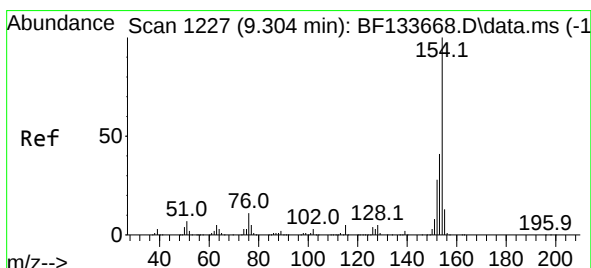
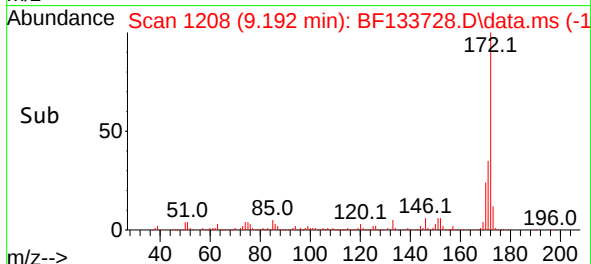
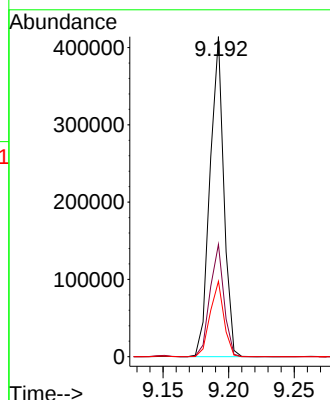
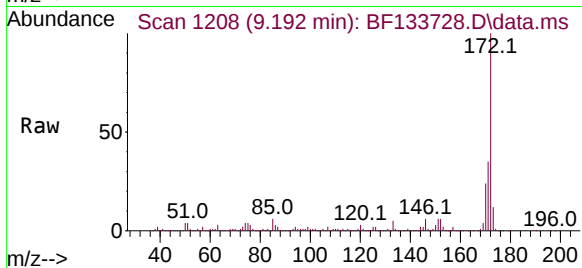
Tgt Ion:172 Resp: 30491

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.6	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#46

1,1'-Biphenyl

Concen: 45.500 ng

RT: 9.292 min Scan# 1225

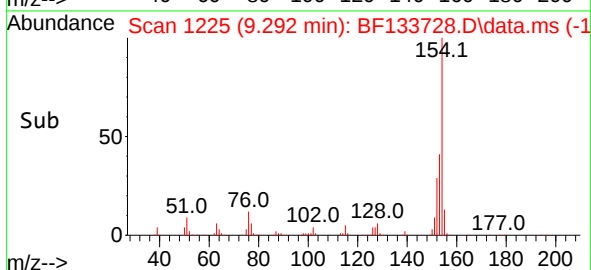
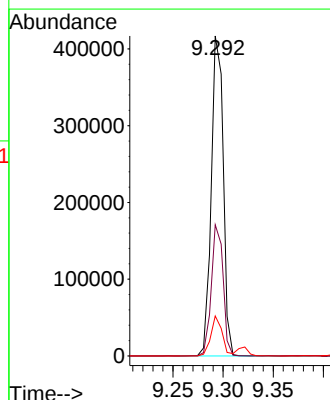
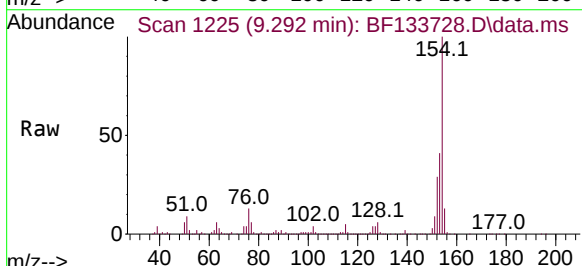
Delta R.T. -0.006 min

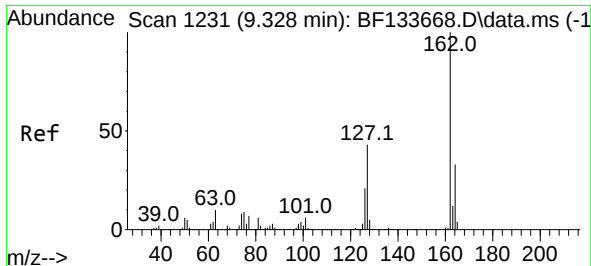
Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Tgt Ion:154 Resp: 346774

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	12.5	0.0	31.0





#47

2-Chloronaphthalene

Concen: 44.101 ng

RT: 9.322 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

Tgt Ion:162 Resp: 241090

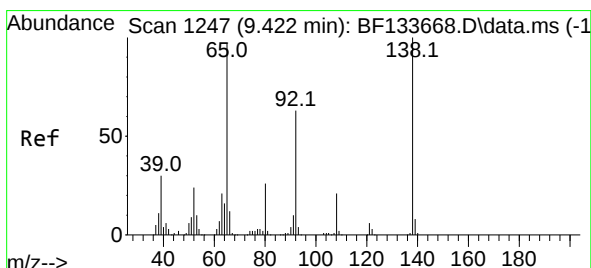
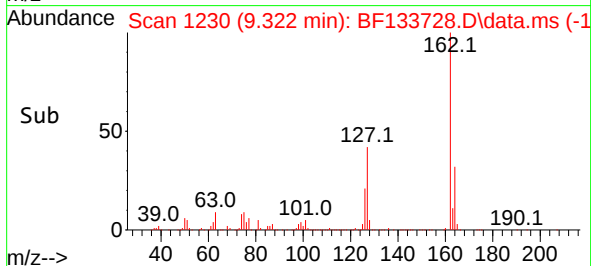
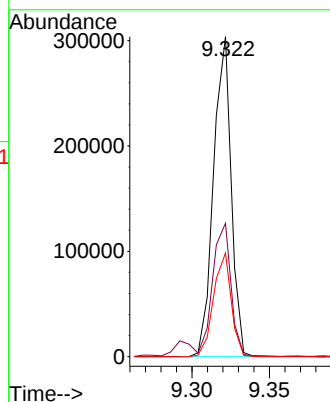
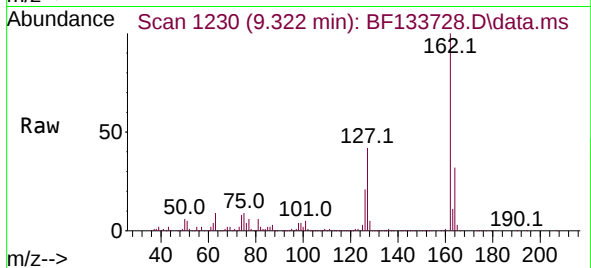
Ion	Ratio	Lower	Upper
162	100		
127	41.7	34.6	52.0
164	32.4	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#48

2-Nitroaniline

Concen: 41.823 ng

RT: 9.416 min Scan# 1246

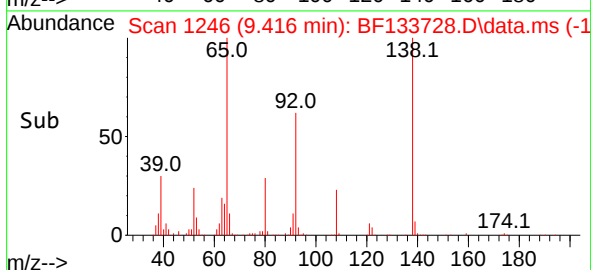
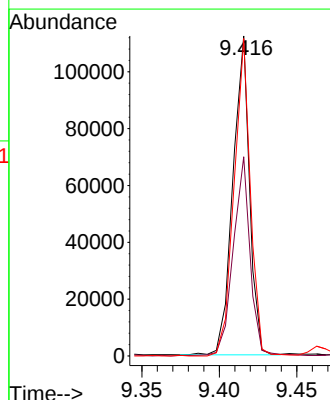
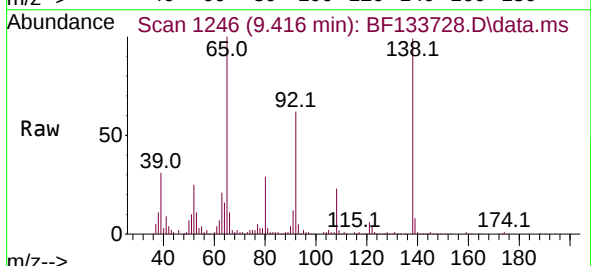
Delta R.T. -0.006 min

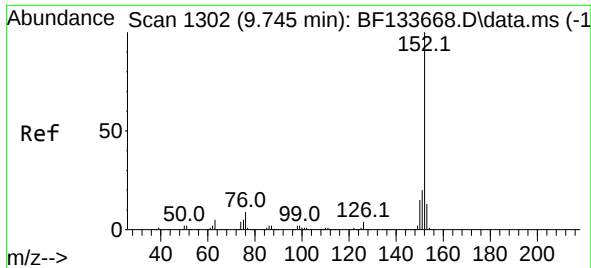
Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Tgt Ion: 65 Resp: 83621

Ion	Ratio	Lower	Upper
65	100		
92	62.3	51.8	77.6
138	99.2	82.1	123.1





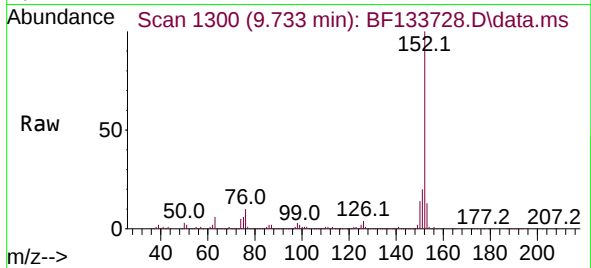
#49
Acenaphthylene
Concen: 41.503 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS



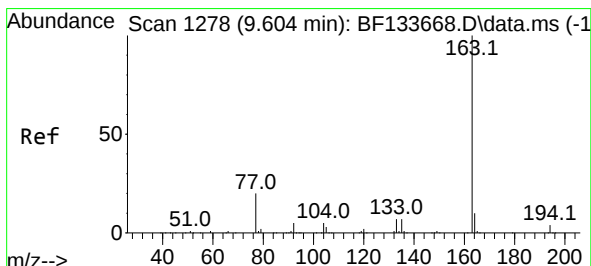
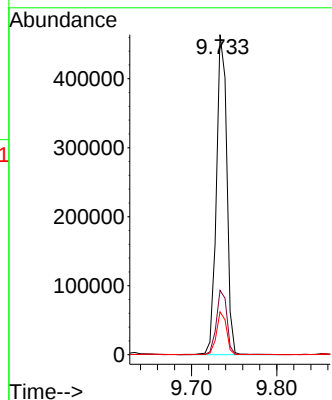
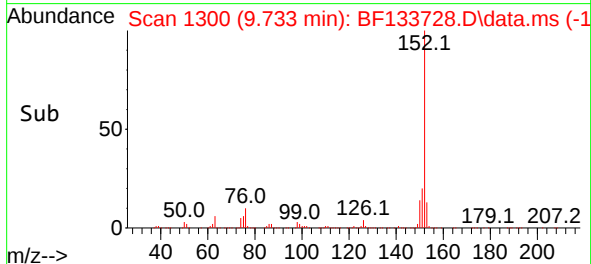
Tgt Ion:152 Resp: 39491
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.4 10.4 15.6

Manual Integrations

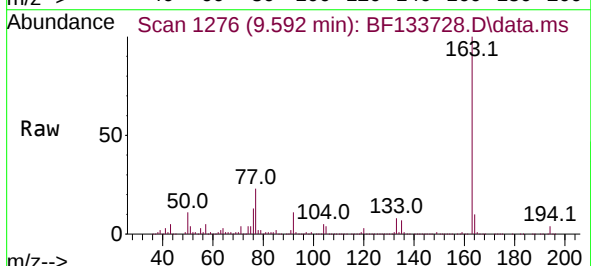
APPROVED

Reviewed By :Yogesh Patel 06/14/2023

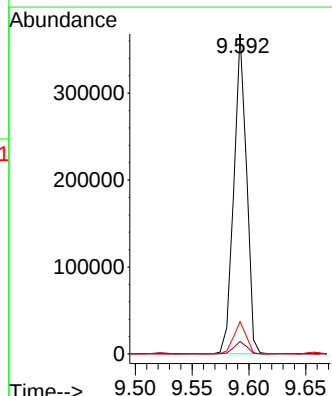
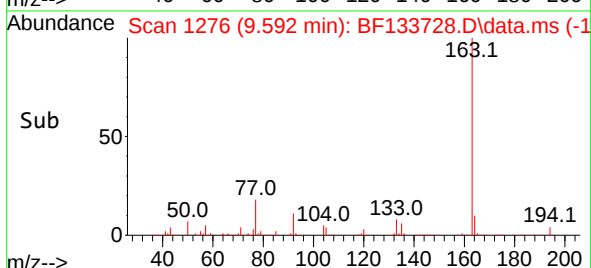
Supervised By :mohammad ahmed 06/16/2023

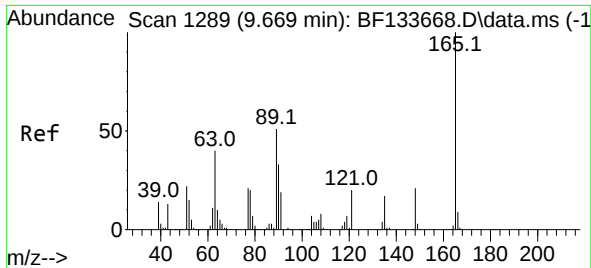


#50
Dimethylphthalate
Concen: 40.316 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



Tgt Ion:163 Resp: 284370
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.0 12.0





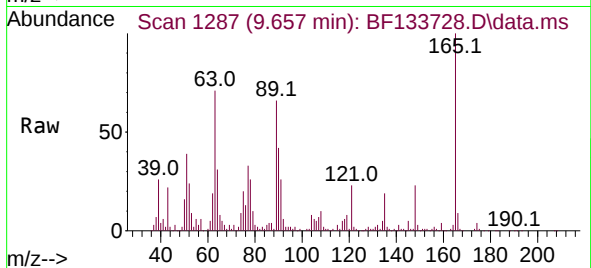
#51
2,6-Dinitrotoluene
Concen: 40.471 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS



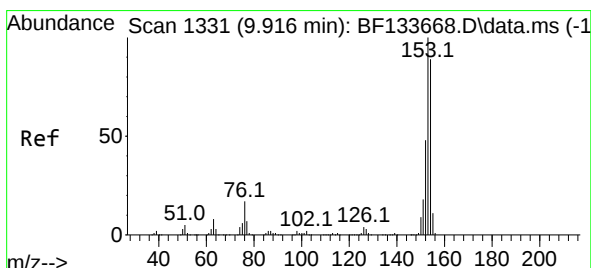
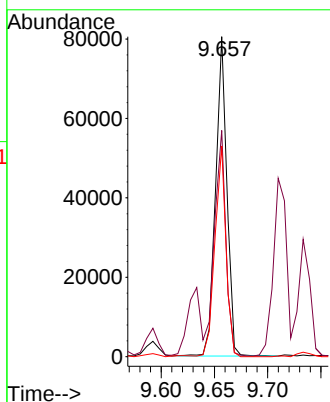
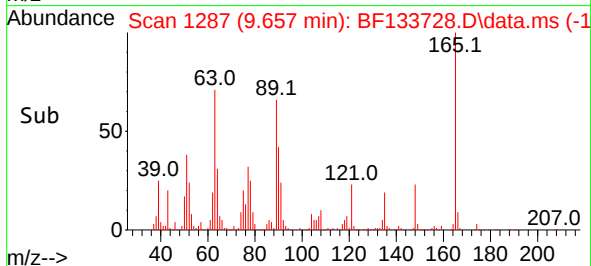
Tgt Ion:165 Resp: 5892
Ion Ratio Lower Upper
165 100
63 70.7 42.1 63.1
89 65.9 40.9 61.3

Manual Integrations

APPROVED

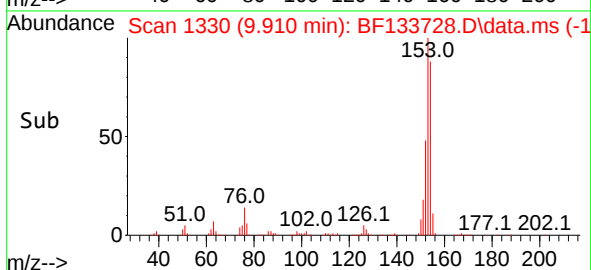
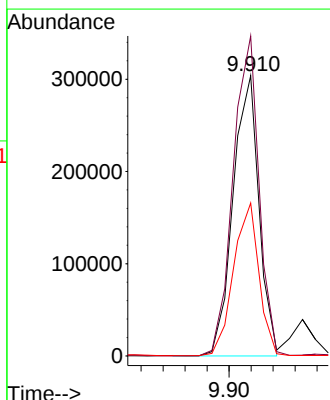
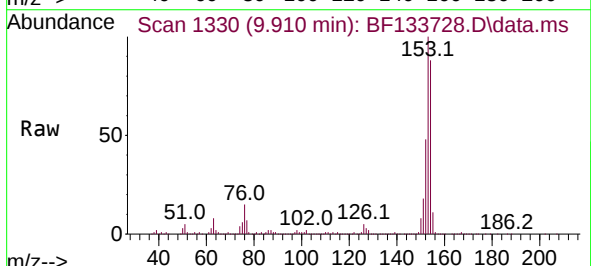
Reviewed By :Yogesh Patel 06/14/2023

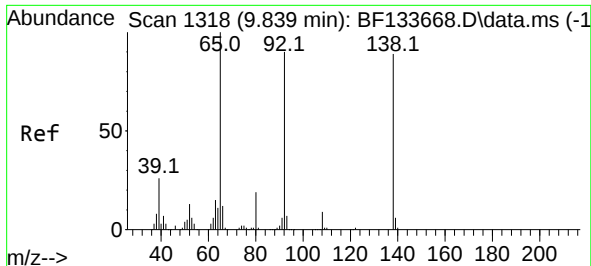
Supervised By :mohammad ahmed 06/16/2023



#52
Acenaphthene
Concen: 44.525 ng m
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:154 Resp: 247985
Ion Ratio Lower Upper
154 100
153 114.1 89.8 134.8
152 54.6 43.4 65.2





#53
3-Nitroaniline
Concen: 33.917 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

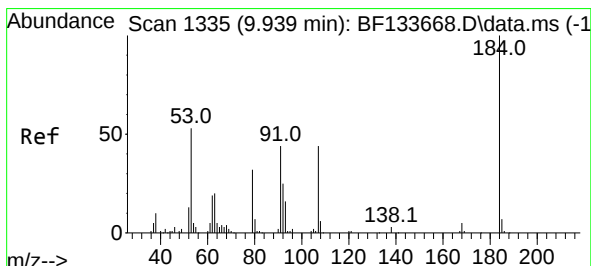
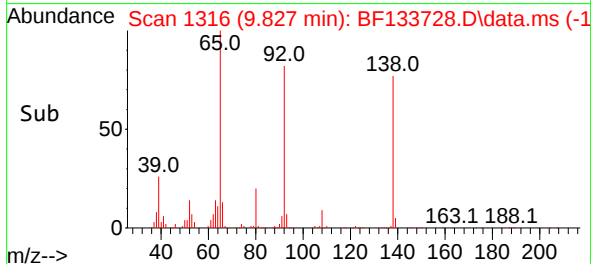
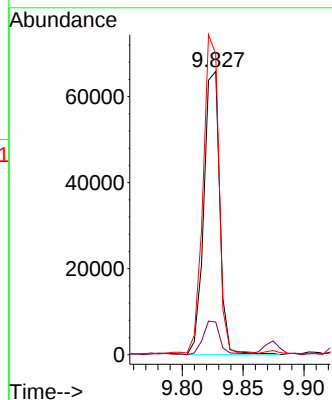
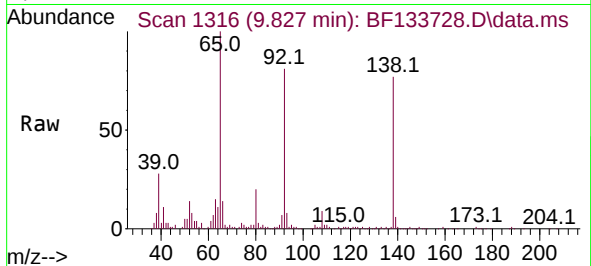
ClientSampleId :

NB-8-060823MS

Tgt Ion:138 Resp: 60092
Ion Ratio Lower Upper
138 100
108 11.5 8.2 12.4
92 106.1 81.0 121.6

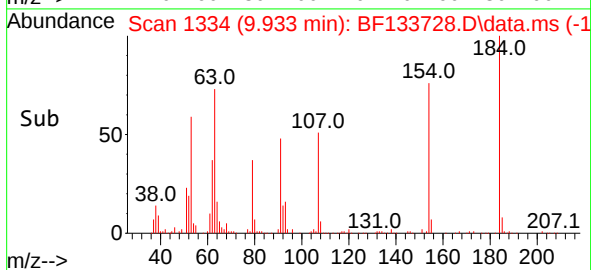
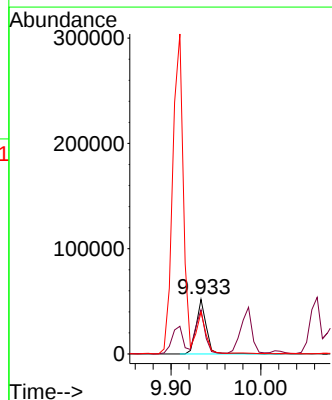
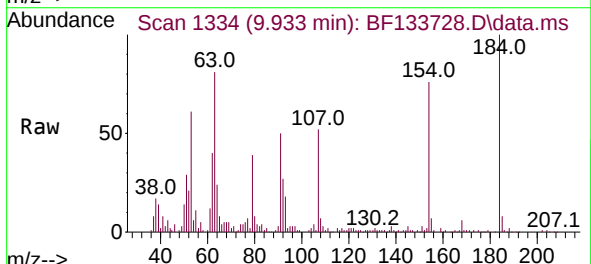
Manual Integrations
APPROVED

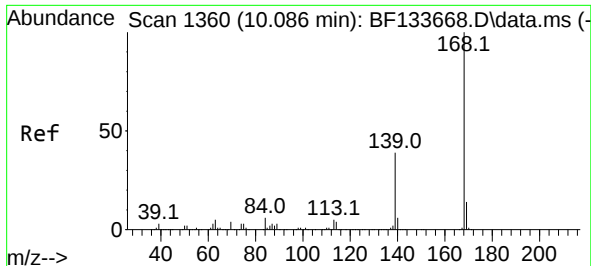
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#54
2,4-Dinitrophenol
Concen: 58.682 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:184 Resp: 40582
Ion Ratio Lower Upper
184 100
63 80.8 55.3 82.9
154 76.4 51.9 77.9





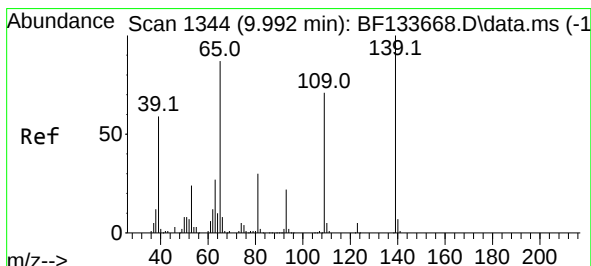
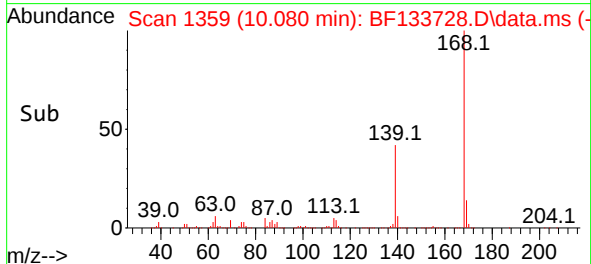
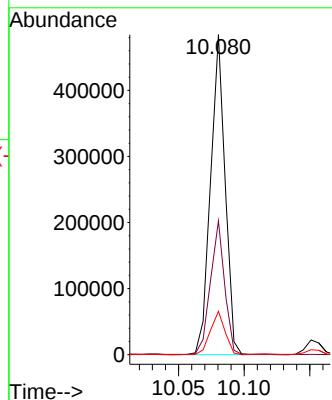
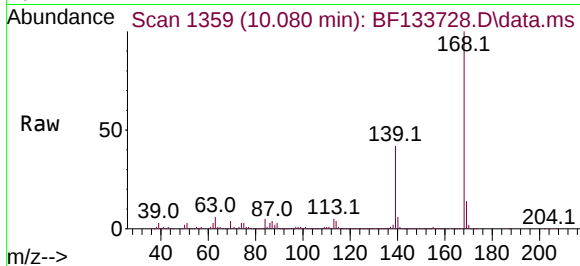
#55
Dibenzenofuran
Concen: 44.089 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS

Tgt Ion:168 Resp: 37470
Ion Ratio Lower Upper
168 100
139 41.9 30.9 46.3
169 13.5 10.9 16.3

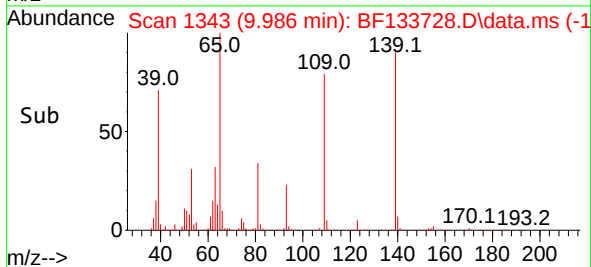
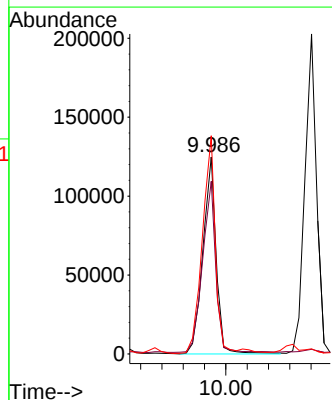
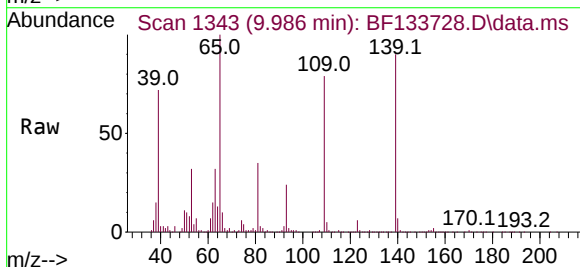
Manual Integrations
APPROVED

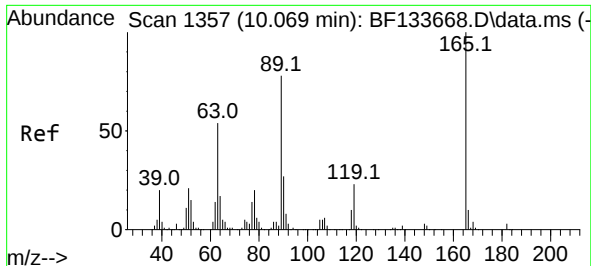
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#56
4-Nitrophenol
Concen: 90.641 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:139 Resp: 108383
Ion Ratio Lower Upper
139 100
109 87.6 50.7 90.7
65 110.8 67.1 107.1#





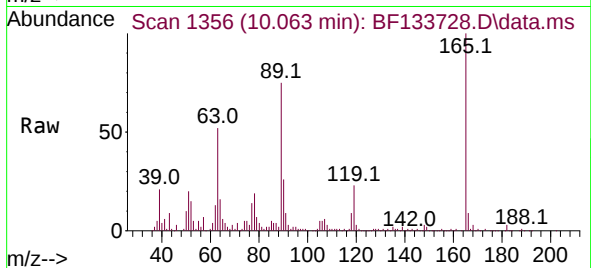
#57
2,4-Dinitrotoluene
Concen: 42.139 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS



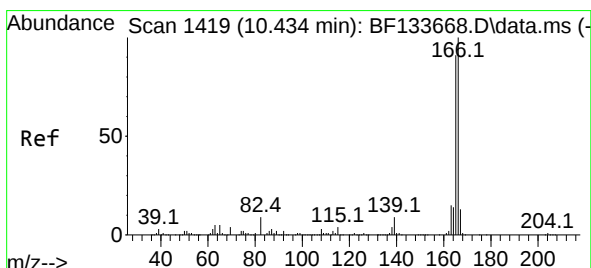
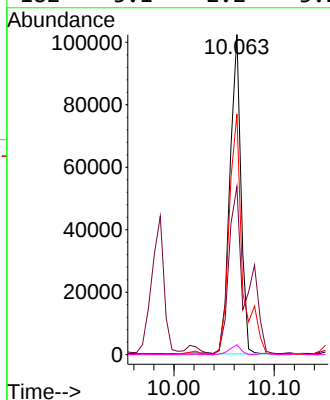
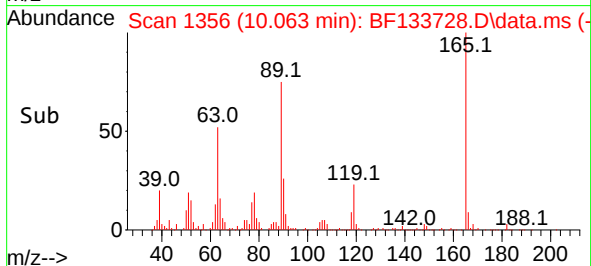
Tgt Ion:165 Resp: 7802
Ion Ratio Lower Upper
165 100
63 52.5 43.0 64.6
89 75.1 62.6 93.8
182 3.1 2.2 3.2

Manual Integrations

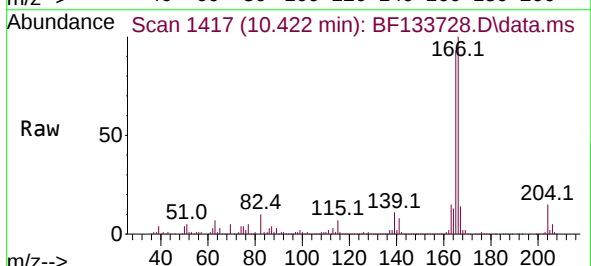
APPROVED

Reviewed By :Yogesh Patel 06/14/2023

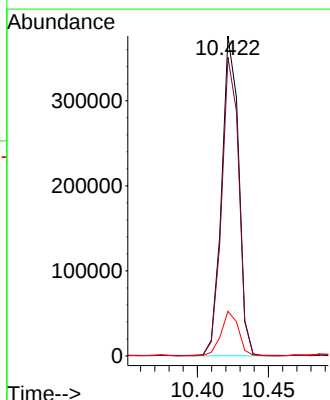
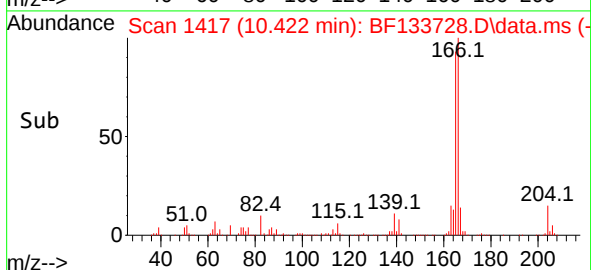
Supervised By :mohammad ahmed 06/16/2023

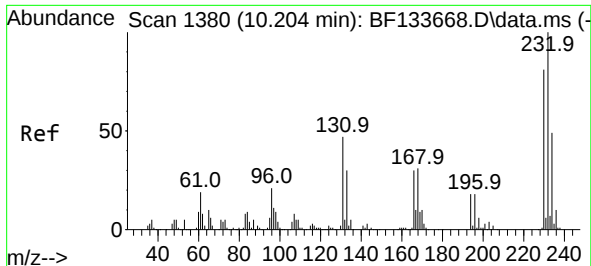


#58
Fluorene
Concen: 47.958 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



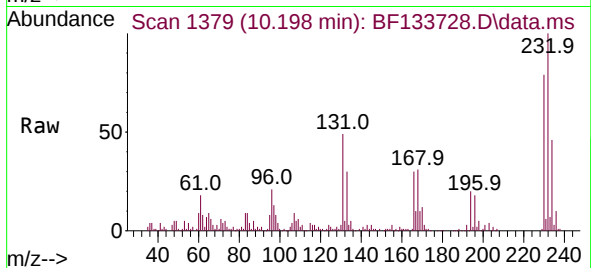
Tgt Ion:166 Resp: 311689
Ion Ratio Lower Upper
166 100
165 93.3 73.1 109.7
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.627 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

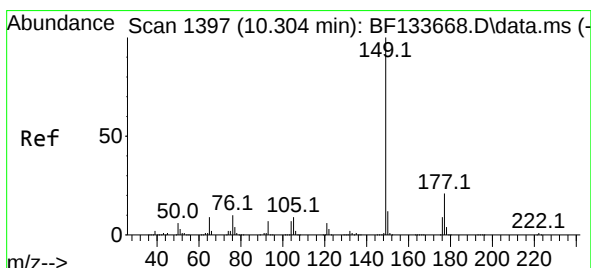
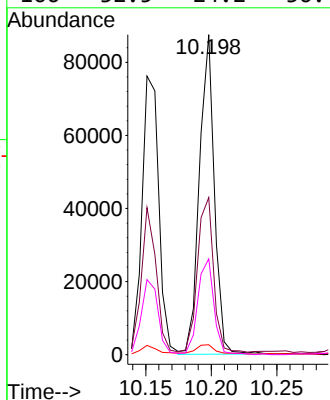
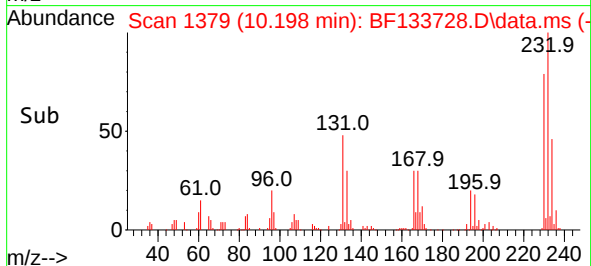
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



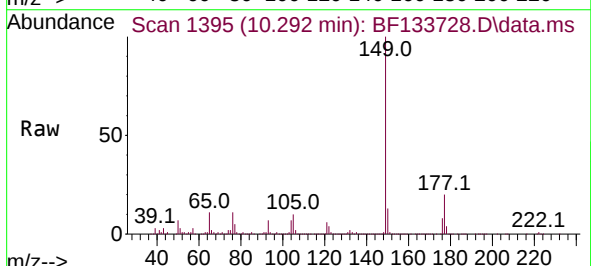
Tgt Ion:232 Resp: 6960
Ion Ratio Lower Upper
232 100
131 51.8 38.0 57.0
130 3.9 1.8 2.8
166 32.5 24.2 36.4

Manual Integrations
APPROVED

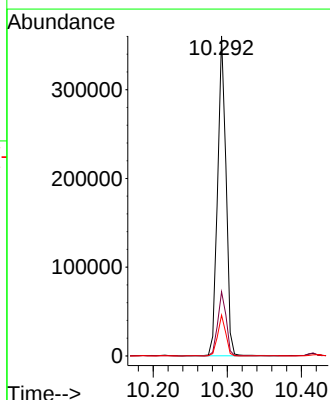
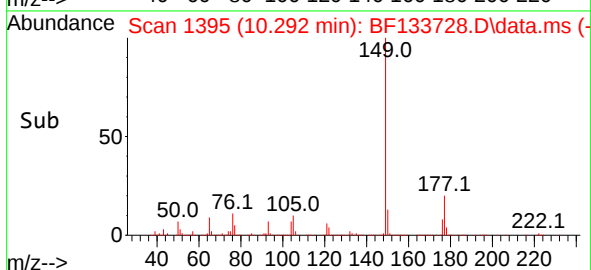
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

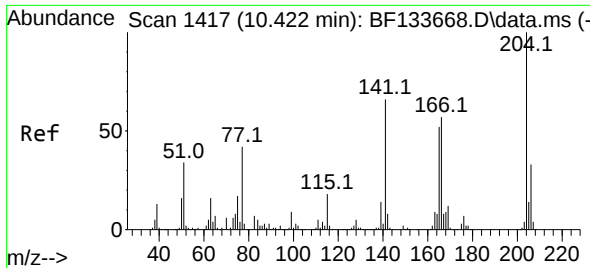


#60
Diethylphthalate
Concen: 39.373 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



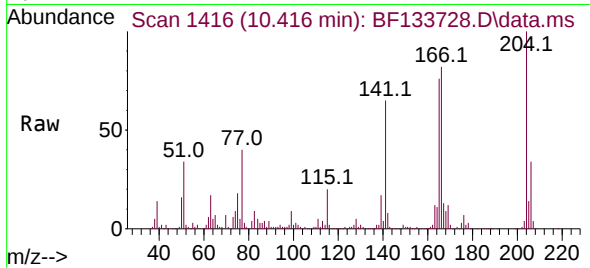
Tgt Ion:149 Resp: 282652
Ion Ratio Lower Upper
149 100
177 20.0 17.0 25.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.965 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

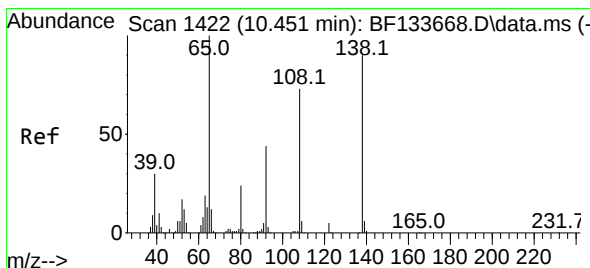
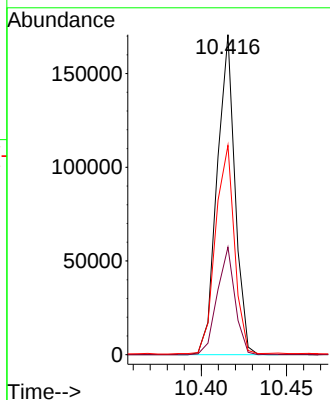
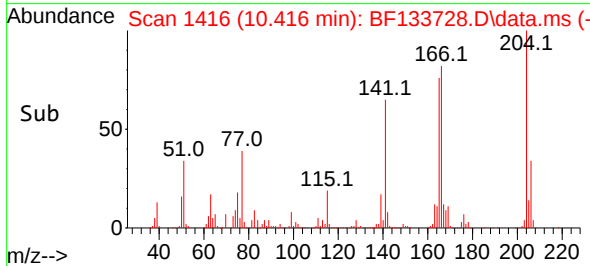
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



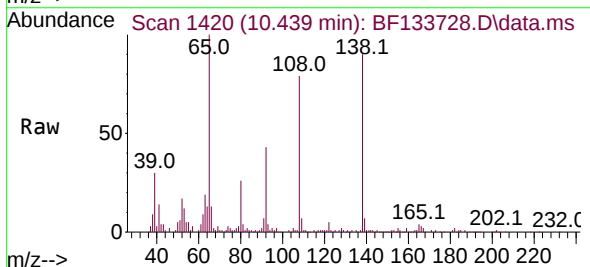
Tgt Ion:204 Resp: 125018
Ion Ratio Lower Upper
204 100
206 33.6 26.4 39.6
141 65.4 52.8 79.2

Manual Integrations
APPROVED

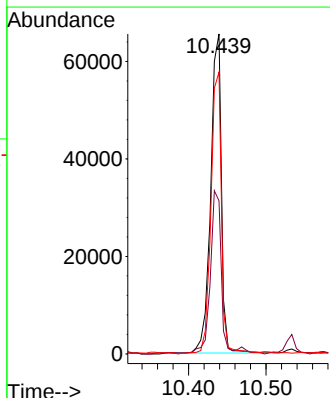
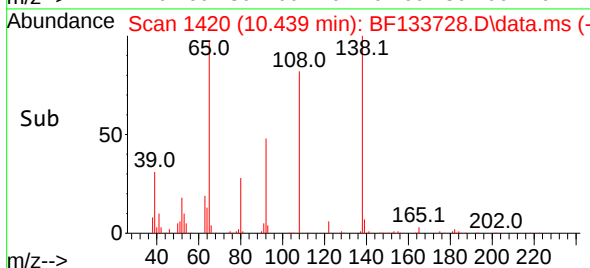
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

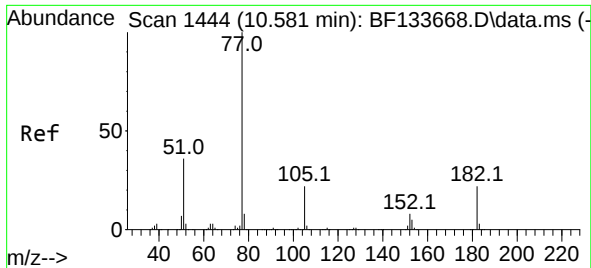


#62
4-Nitroaniline
Concen: 36.323 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



Tgt Ion:138 Resp: 63098
Ion Ratio Lower Upper
138 100
92 47.8 28.9 68.9
108 88.0 61.0 101.0





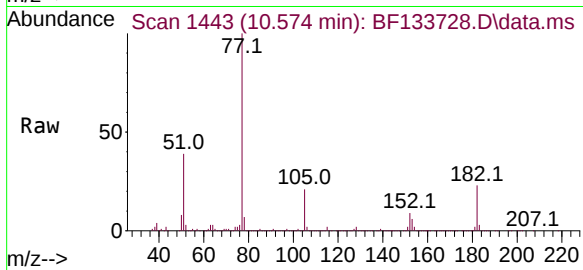
#63
Azobenzene
Concen: 40.518 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS



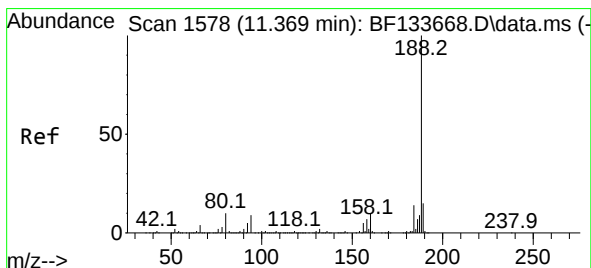
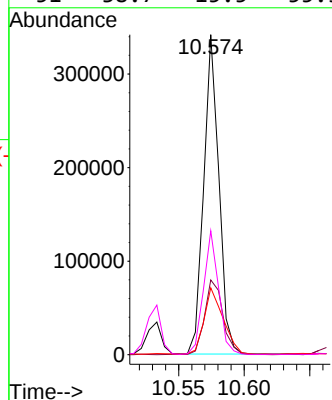
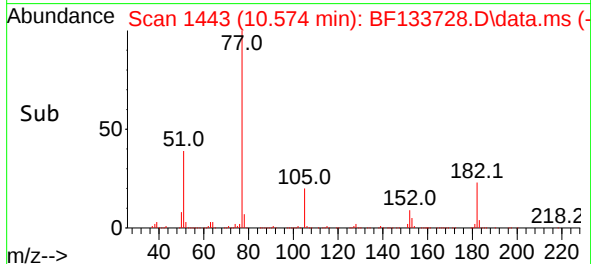
Tgt Ion: 77 Resp: 275360
Ion Ratio Lower Upper
77 100
182 23.4 1.6 41.6
105 20.9 1.6 41.6
51 38.7 15.5 55.5

Manual Integrations

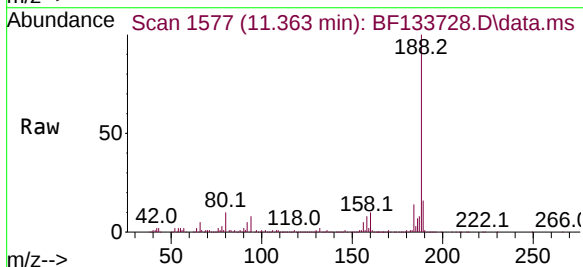
APPROVED

Reviewed By :Yogesh Patel 06/14/2023

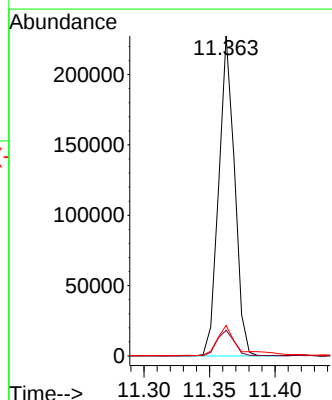
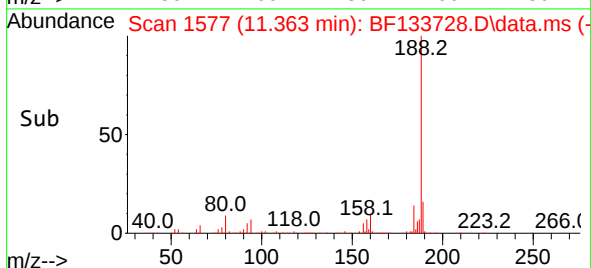
Supervised By :mohammad ahmed 06/16/2023

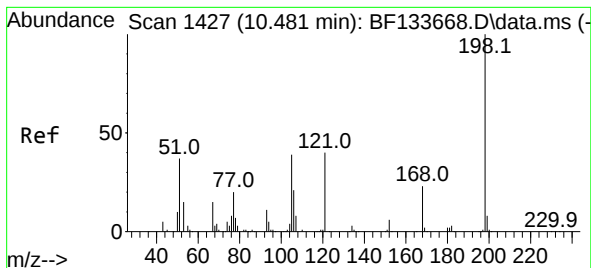


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



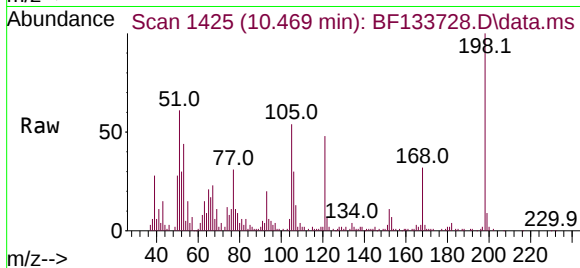
Tgt Ion:188 Resp: 190961
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 9.6 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 29.907 ng
RT: 10.469 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

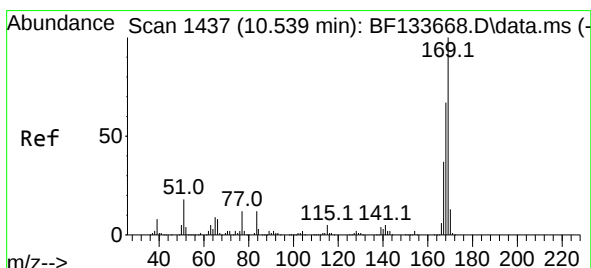
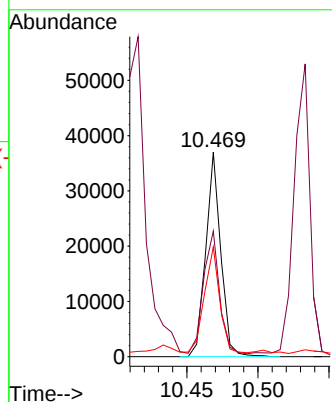
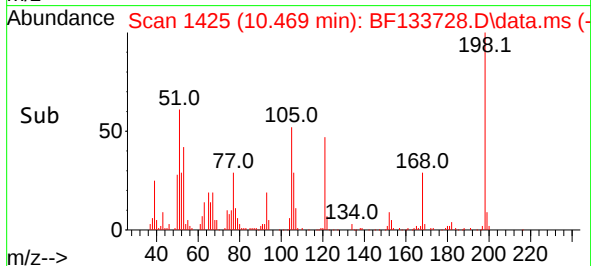
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



Tgt Ion:198 Resp: 27290
Ion Ratio Lower Upper
198 100
51 61.3 27.5 67.5
105 53.6 21.0 61.0

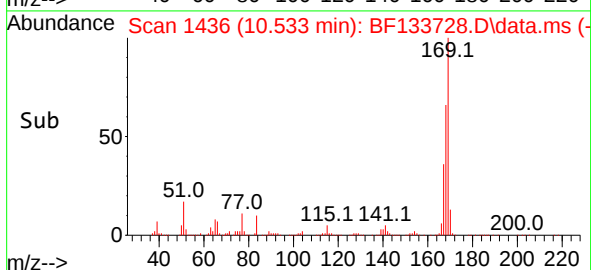
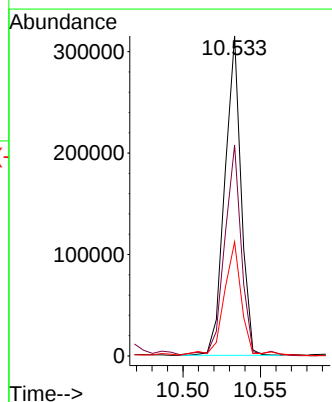
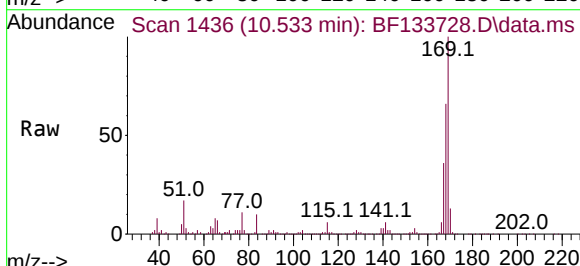
Manual Integrations
APPROVED

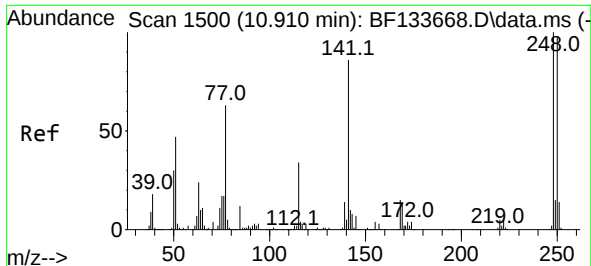
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 35.758 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

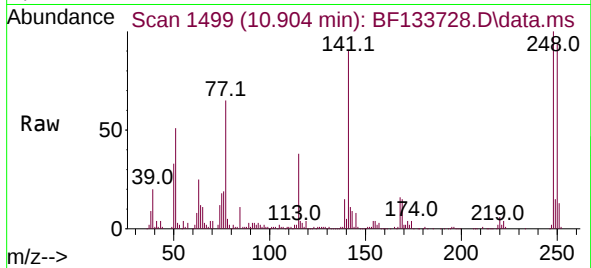
Tgt Ion:169 Resp: 229368
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 35.7 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 35.761 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

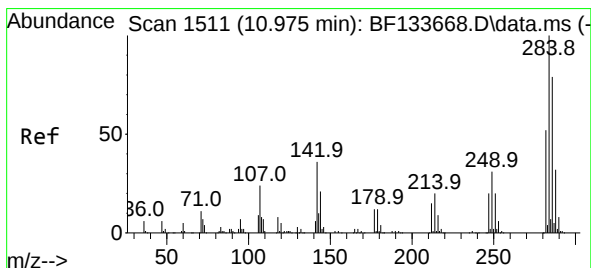
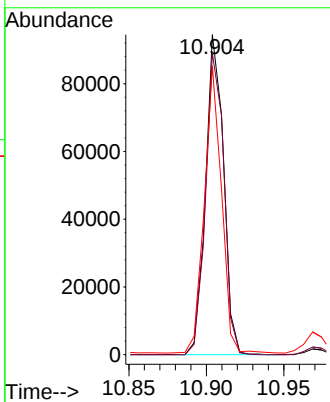
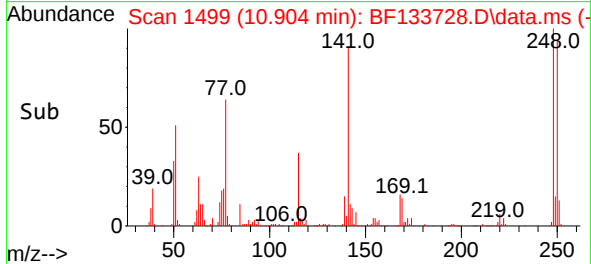
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



Tgt Ion:248 Resp: 76220
Ion Ratio Lower Upper
248 100
250 94.2 78.3 117.5
141 90.2 69.0 103.6

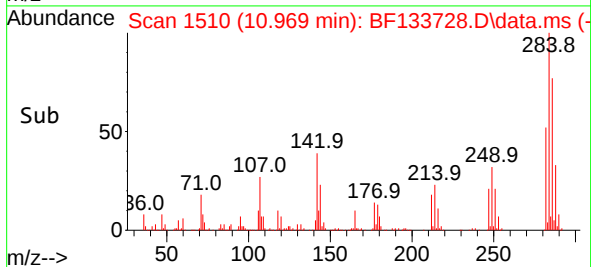
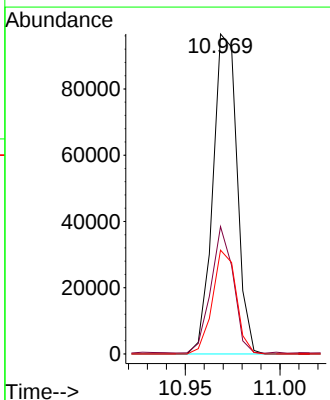
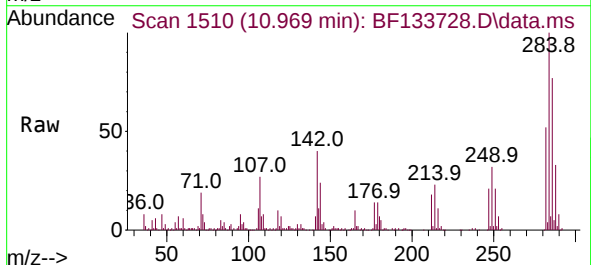
Manual Integrations
APPROVED

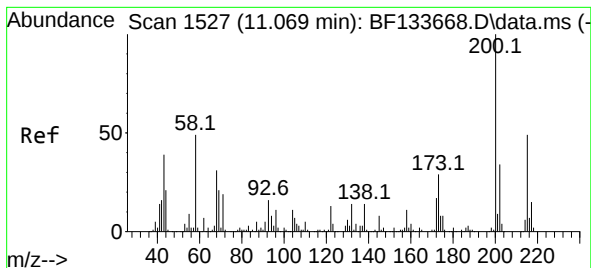
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#68
Hexachlorobenzene
Concen: 38.267 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:284 Resp: 85769
Ion Ratio Lower Upper
284 100
142 39.8 28.6 42.8
249 32.5 24.6 36.8





#69

Atrazine

Concen: 42.603 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

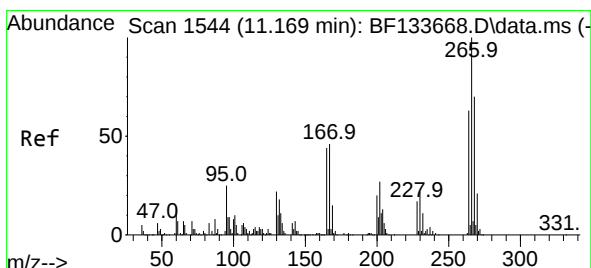
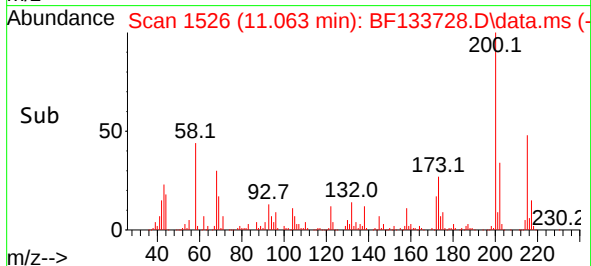
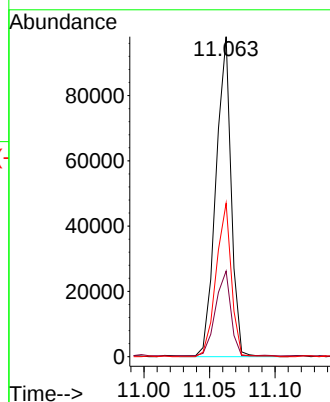
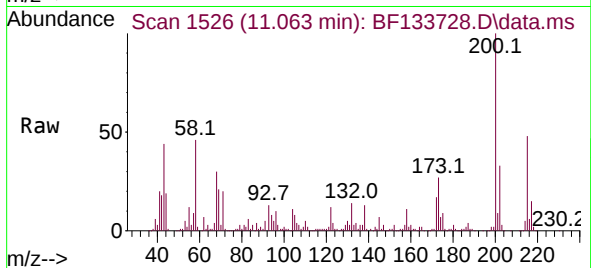
Tgt Ion:200 Resp: 79289
 Ion Ratio Lower Upper
 200 100
 173 26.8 8.7 48.7
 215 47.9 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 74.896 ng

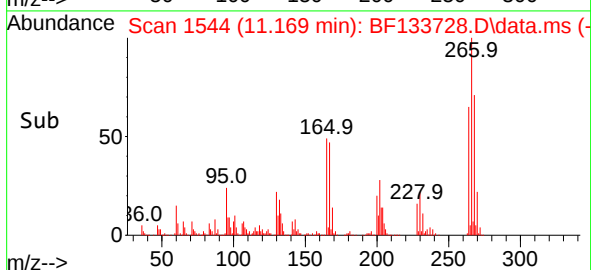
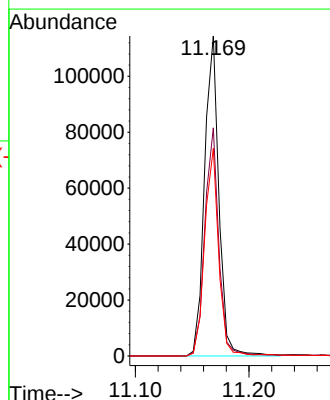
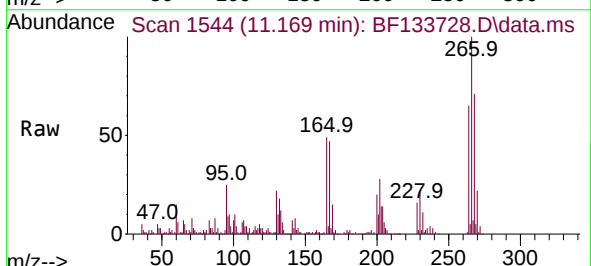
RT: 11.169 min Scan# 1544

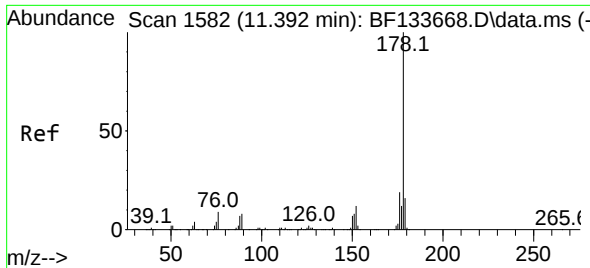
Delta R.T. 0.000 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Tgt Ion:266 Resp: 100519
 Ion Ratio Lower Upper
 266 100
 268 71.3 55.7 83.5
 264 64.9 50.7 76.1





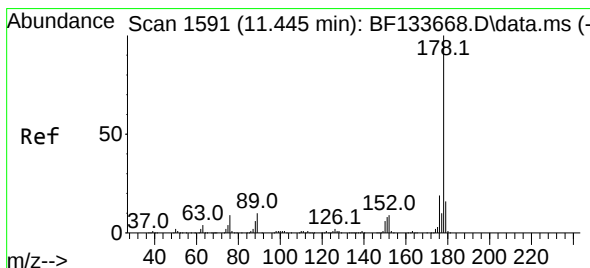
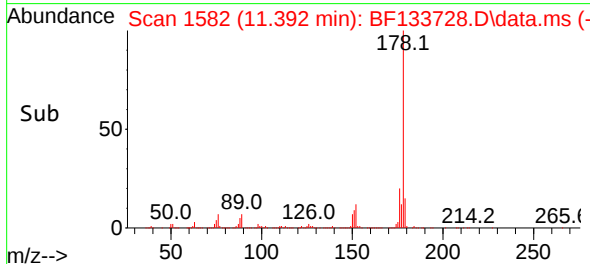
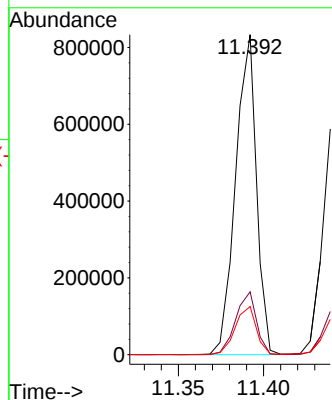
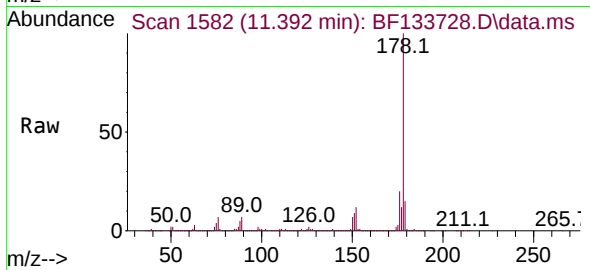
#71
Phenanthrene
Concen: 73.127 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS

Tgt Ion:178 Resp: 708480
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.1 12.4 18.6

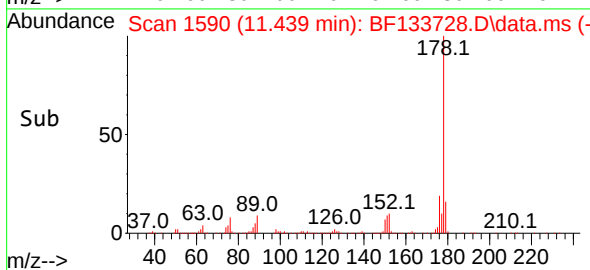
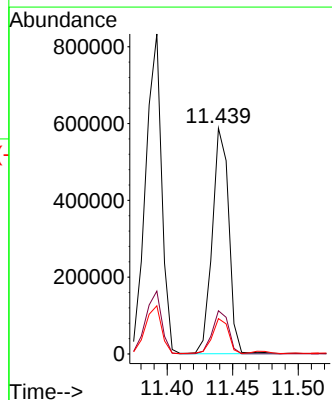
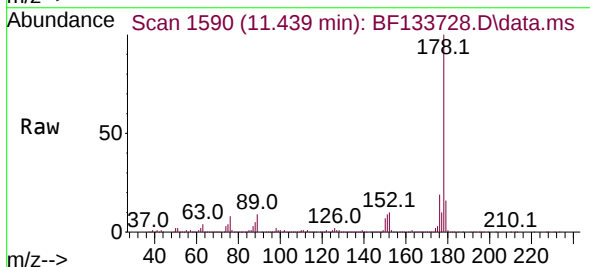
Manual Integrations
APPROVED

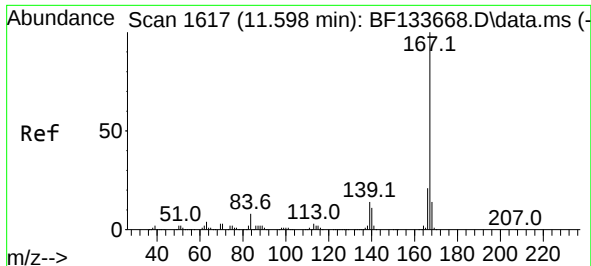
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#72
Anthracene
Concen: 51.051 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

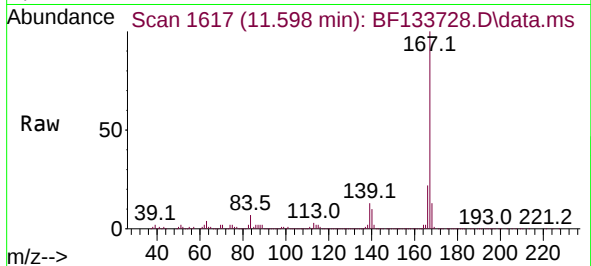
Tgt Ion:178 Resp: 515713
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 45.928 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133728.D
 Acq: 13 Jun 2023 13:41

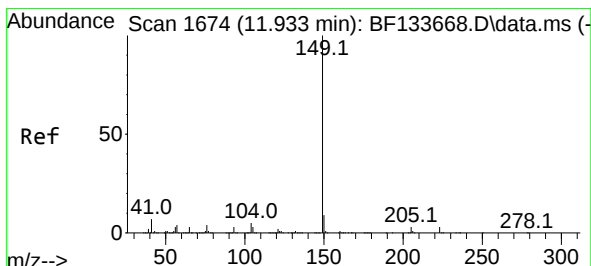
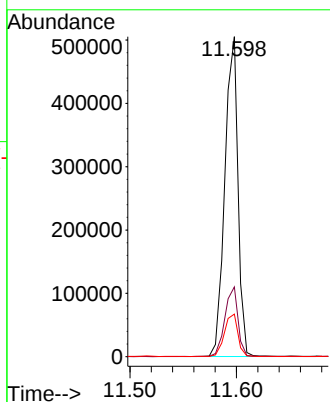
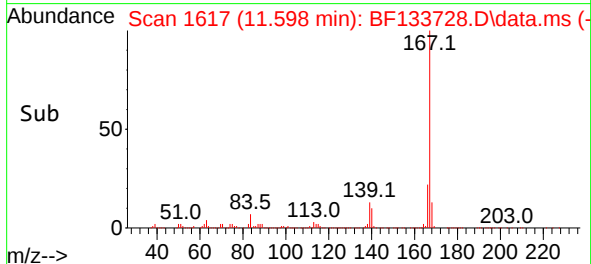
Instrument :
 BNA_F
 ClientSampleId :
 NB-8-060823MS



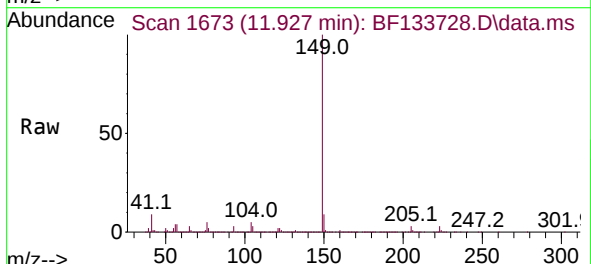
Tgt Ion:167 Resp: 432118
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.3 11.2 16.8

Manual Integrations
 APPROVED

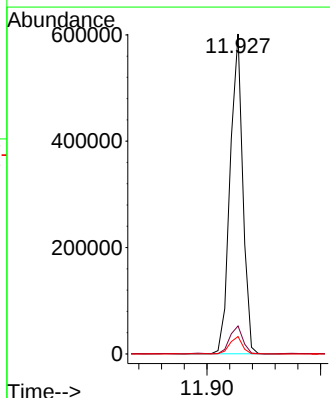
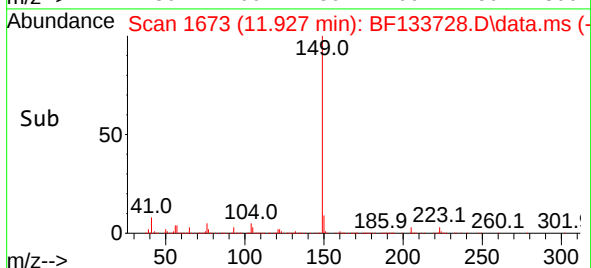
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

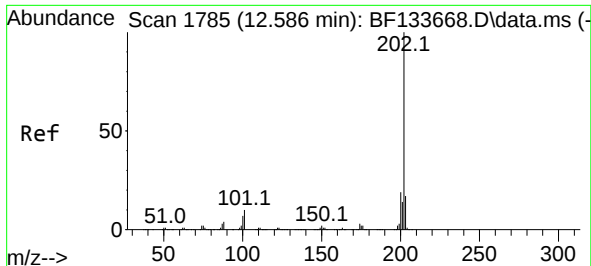


#74
 Di-n-butylphthalate
 Concen: 38.534 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF133728.D
 Acq: 13 Jun 2023 13:41



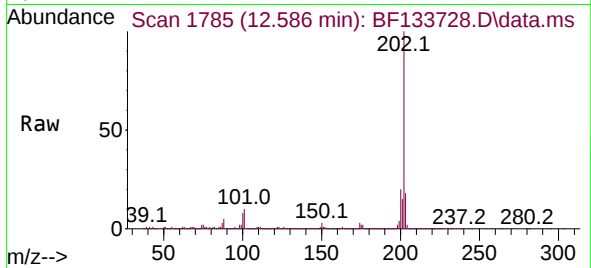
Tgt Ion:149 Resp: 464788
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 5.4 3.8 5.8





#75
Fluoranthene
Concen: 109.895 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

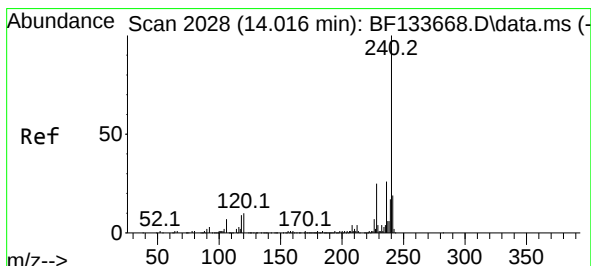
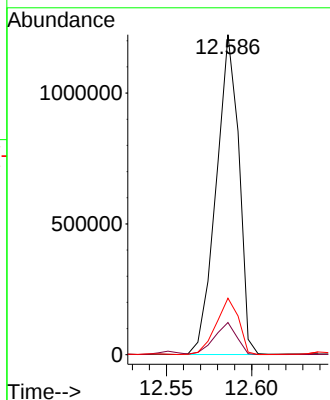
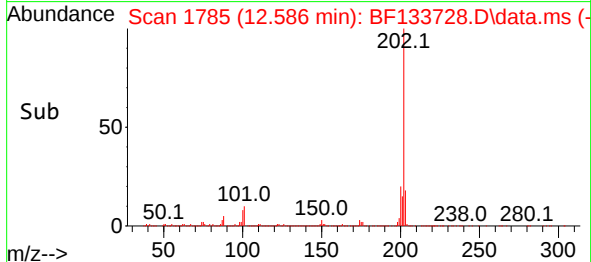
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



Tgt Ion:202 Resp: 113064
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.6 0.0 37.4

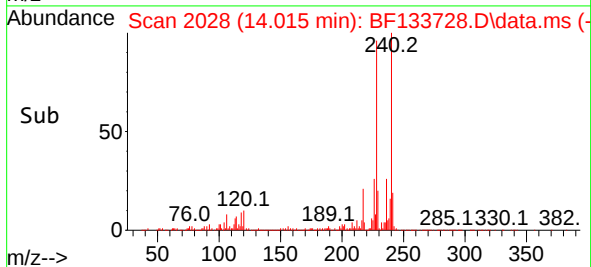
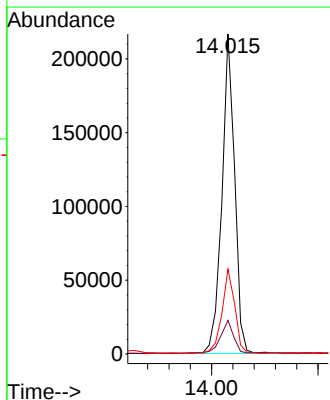
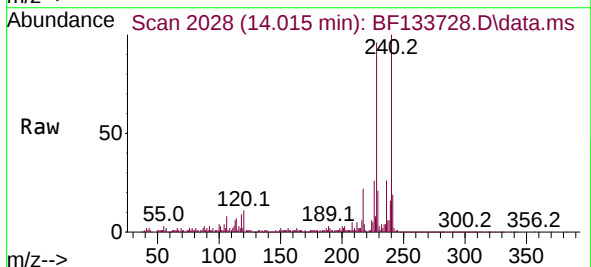
Manual Integrations
APPROVED

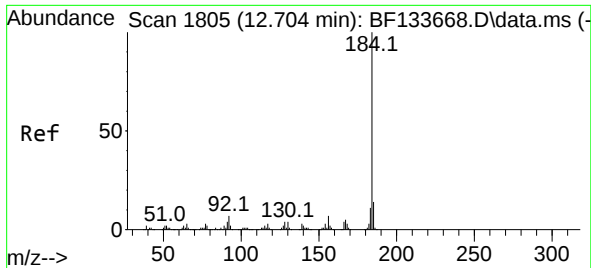
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:240 Resp: 178470
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.5 20.5 30.7





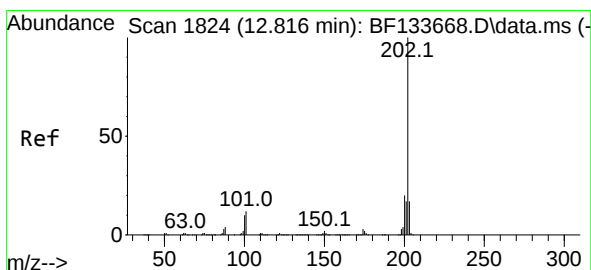
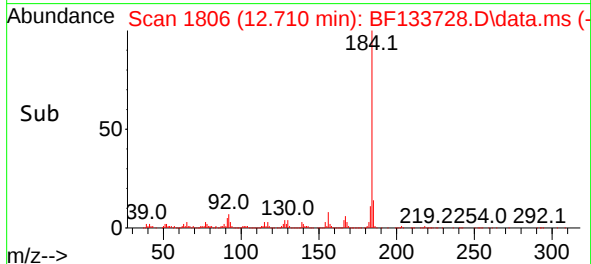
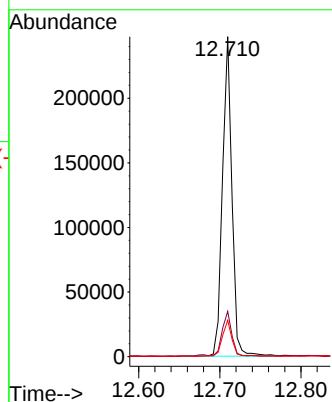
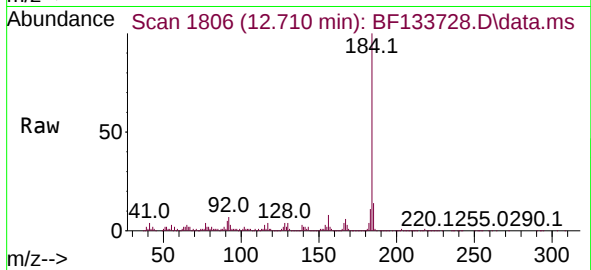
#77
Benzidine
Concen: 33.601 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS

Tgt Ion:184 Resp: 201229
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.4 8.4 12.6

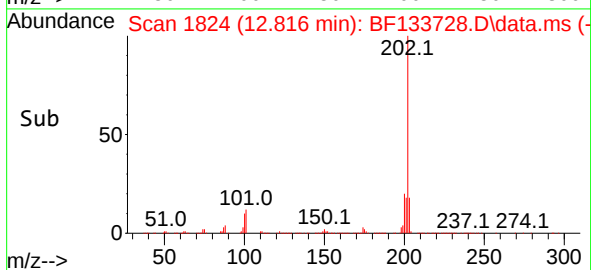
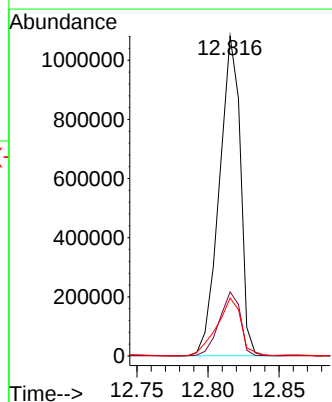
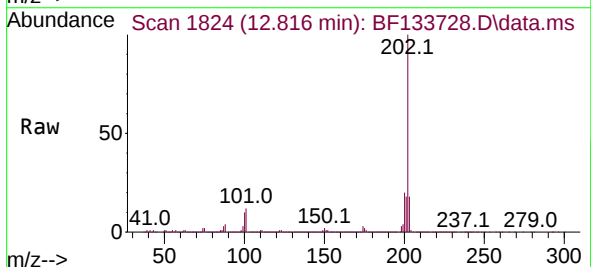
Manual Integrations
APPROVED

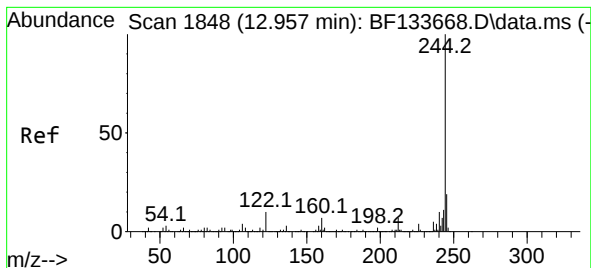
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#78
Pyrene
Concen: 66.812 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:202 Resp: 1110759
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 18.1 13.9 20.9





#79

Terphenyl-d14

Concen: 33.014 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

Tgt Ion:244 Resp: 380780

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

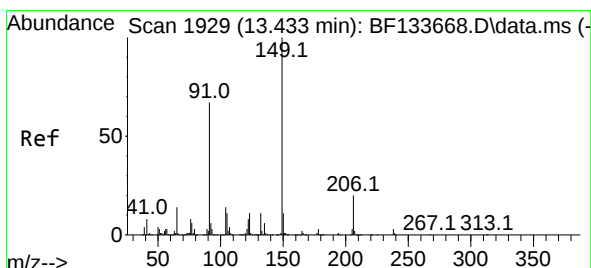
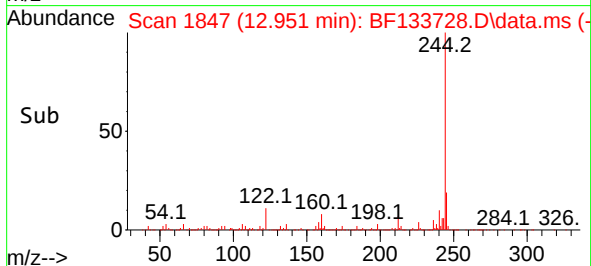
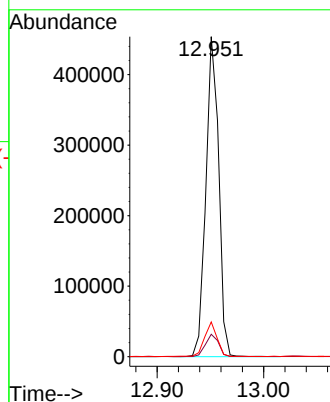
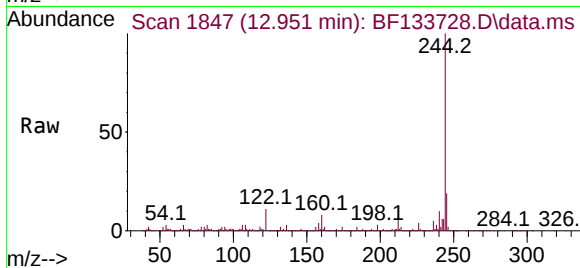
122 10.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#80

Butylbenzylphthalate

Concen: 33.797 ng

RT: 13.427 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

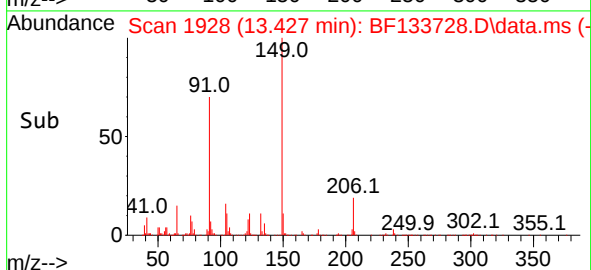
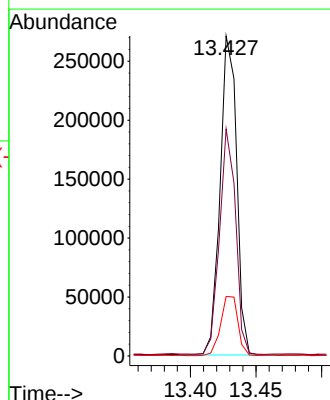
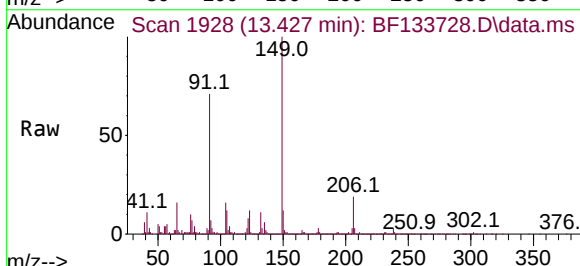
Tgt Ion:149 Resp: 237208

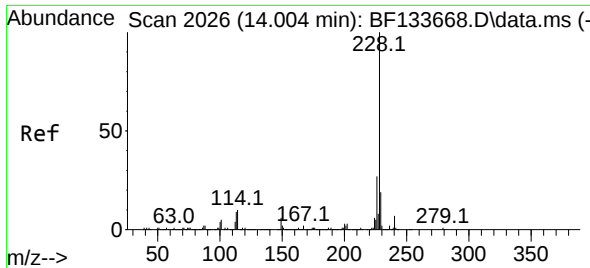
Ion Ratio Lower Upper

149 100

91 71.0 54.0 81.0

206 18.6 15.6 23.4





#81
Benzo(a)anthracene
Concen: 68.435 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

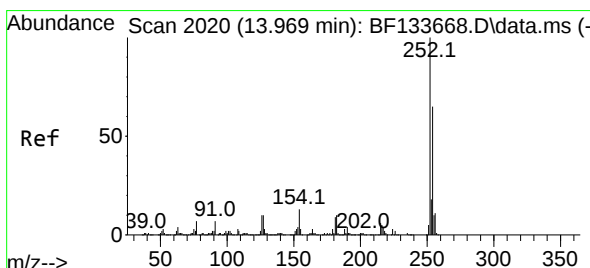
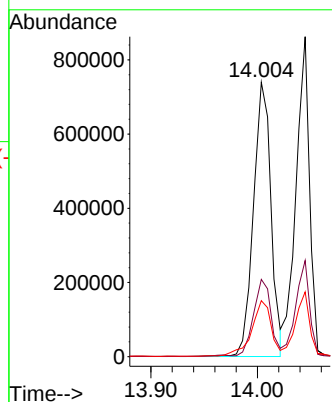
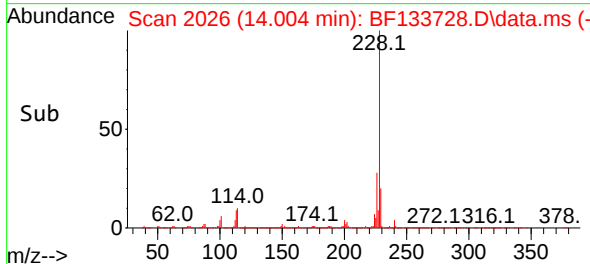
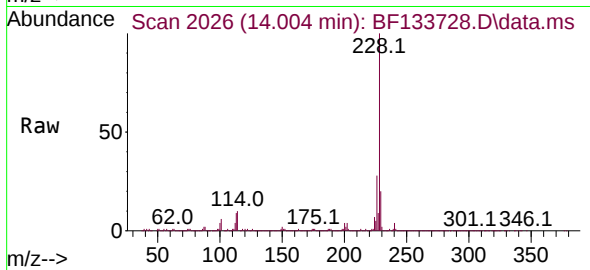
ClientSampleId :

NB-8-060823MS

Tgt Ion:228 Resp: 84482
Ion Ratio Lower Upper
228 100
226 28.2 21.7 32.5
229 20.4 15.4 23.2

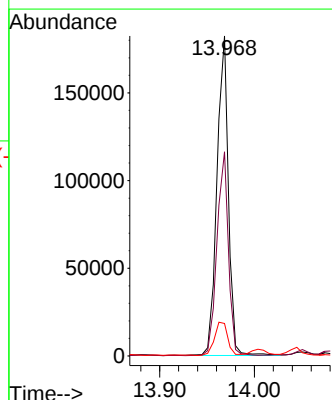
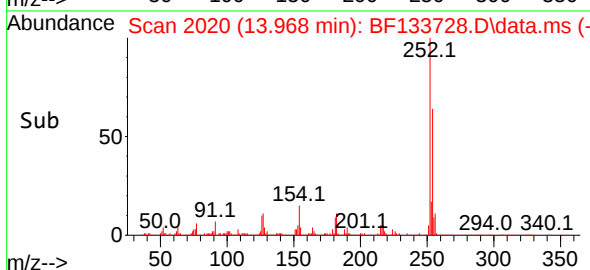
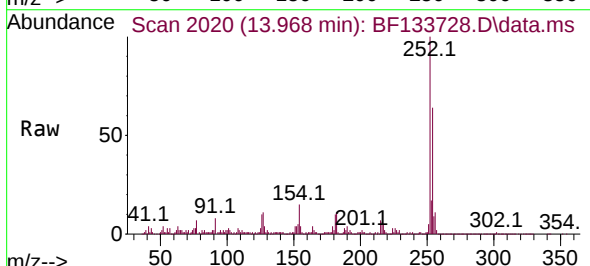
Manual Integrations
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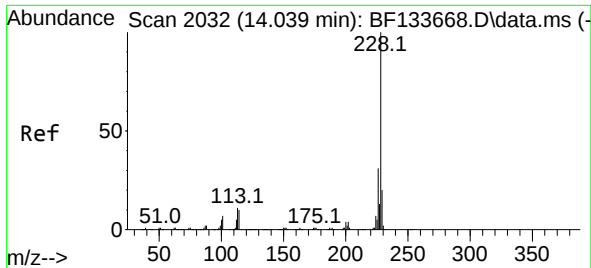
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.069 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

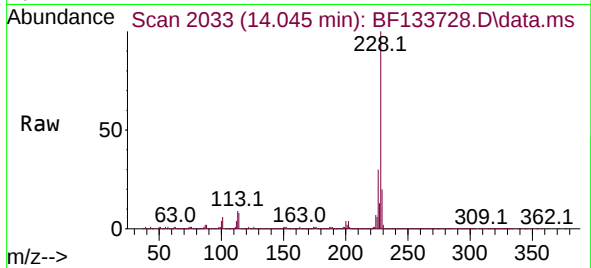
Tgt Ion:252 Resp: 152138
Ion Ratio Lower Upper
252 100
254 63.8 51.9 77.9
126 10.1 7.7 11.5





#83
Chrysene
Concen: 65.297 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

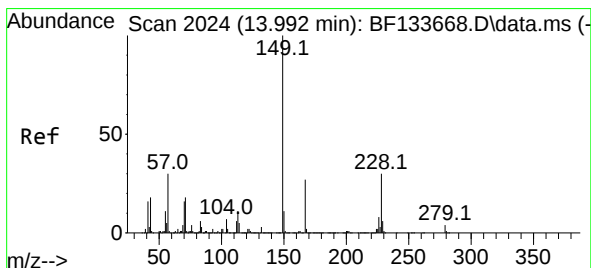
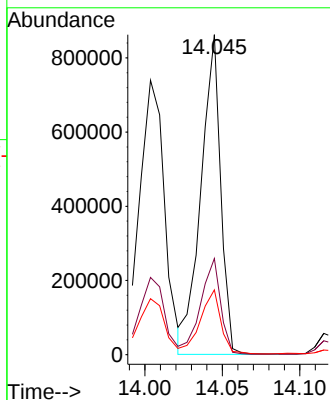
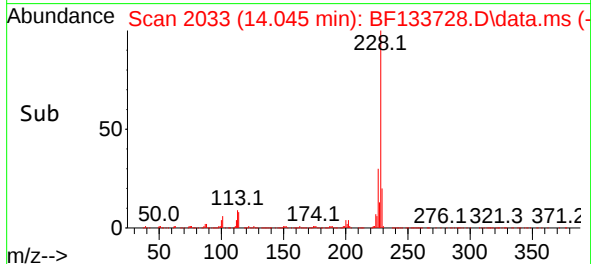
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



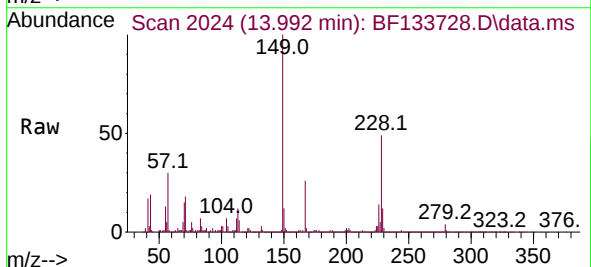
Tgt Ion:228 Resp: 762408
Ion Ratio Lower Upper
228 100
226 30.0 25.0 37.6
229 20.2 15.8 23.8

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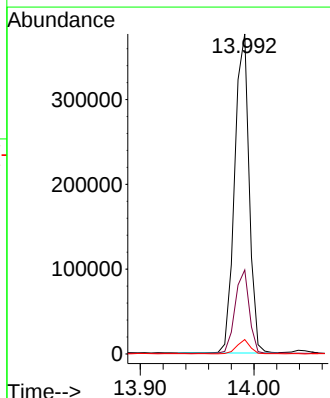
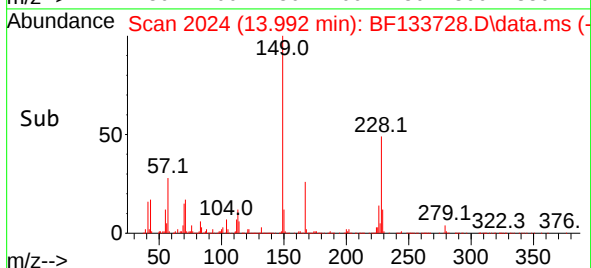
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

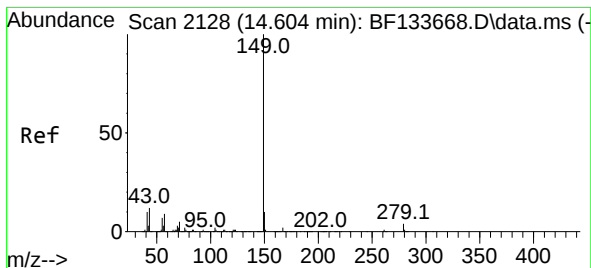


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.418 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



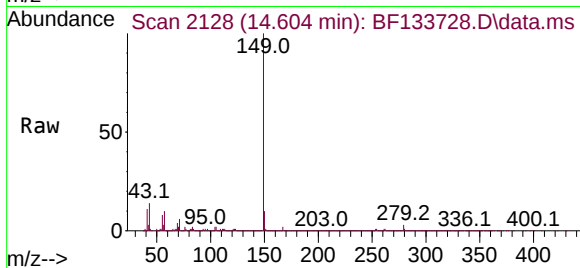
Tgt Ion:149 Resp: 332004
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.8
279 4.5 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 47.655 ng
RT: 14.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

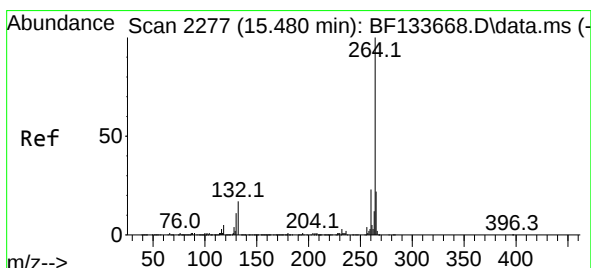
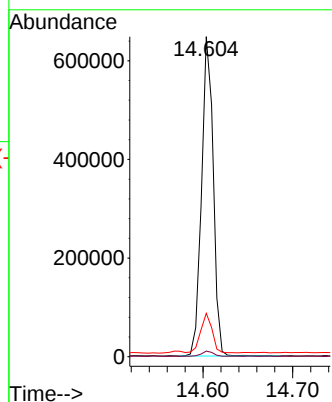
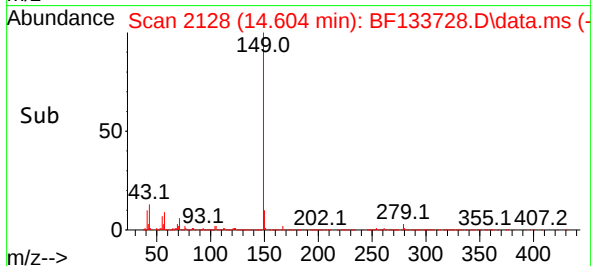
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



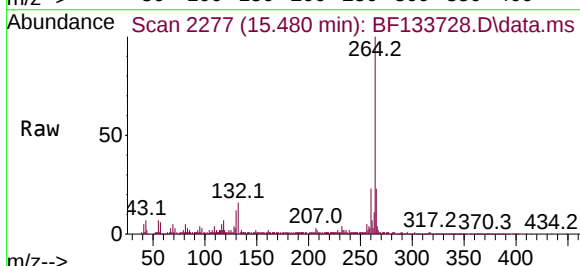
Tgt Ion:149 Resp: 585234
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 12.1 8.7 13.1

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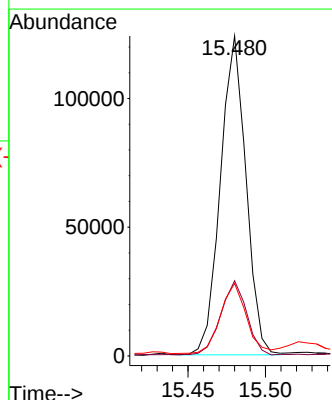
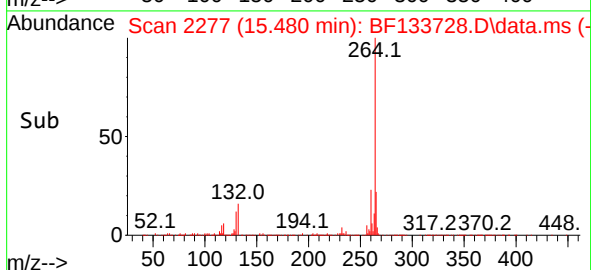
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

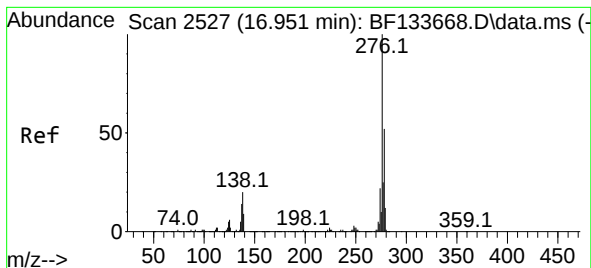


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41



Tgt Ion:264 Resp: 141977
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.2
265 22.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.698 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MS

Tgt Ion:276 Resp: 43659

Ion Ratio Lower Upper

276 100

138 21.2 17.9 26.9

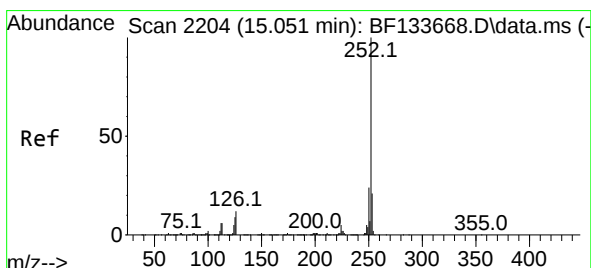
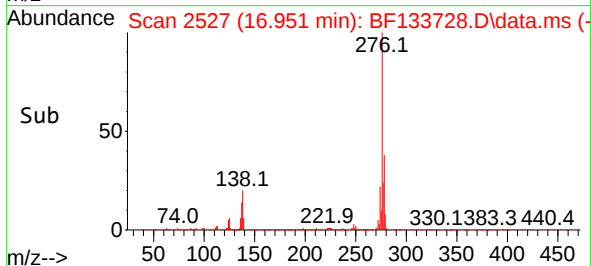
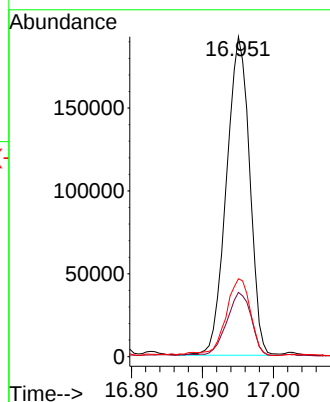
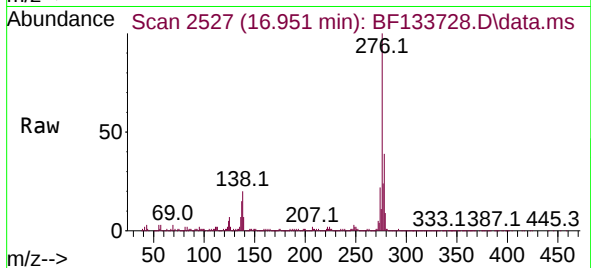
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#88

Benzo(b)fluoranthene

Concen: 81.929 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BF133728.D

Acq: 13 Jun 2023 13:41

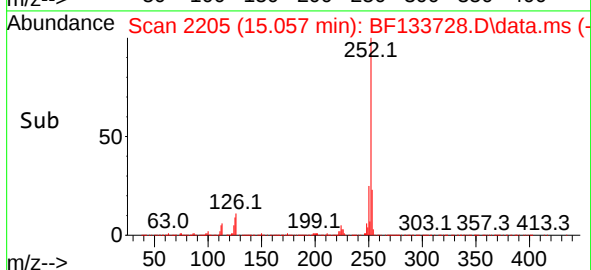
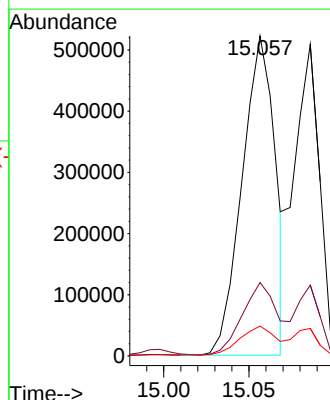
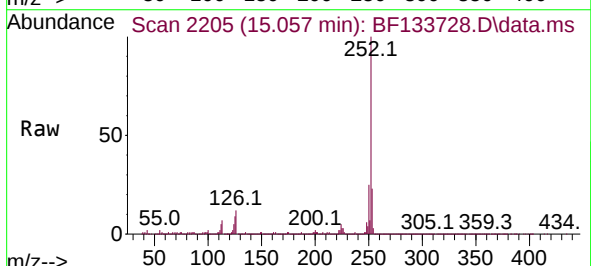
Tgt Ion:252 Resp: 706594

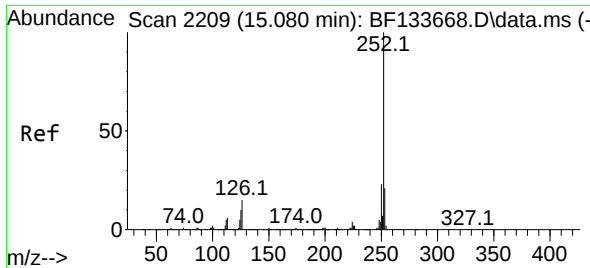
Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

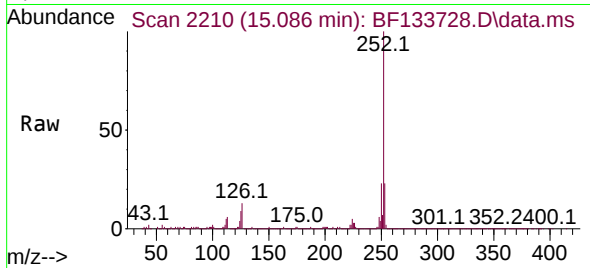
125 9.4 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 61.800 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

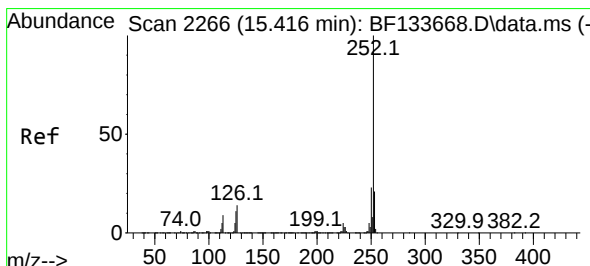
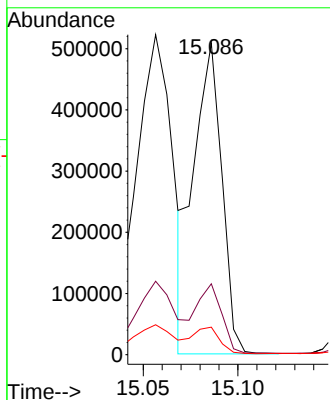
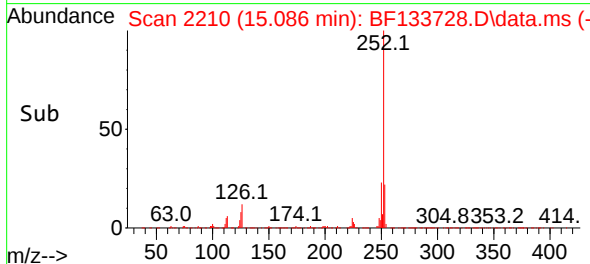
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS



Tgt Ion:252 Resp: 51920
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 8.8 7.8 11.6

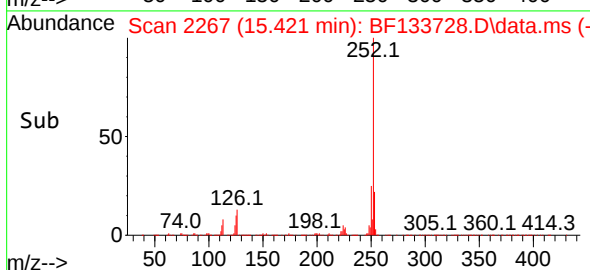
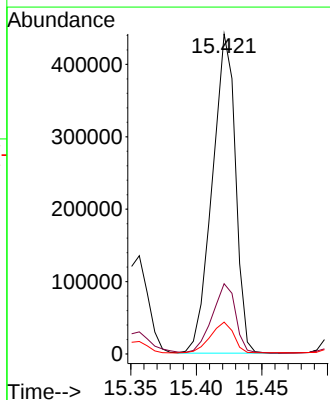
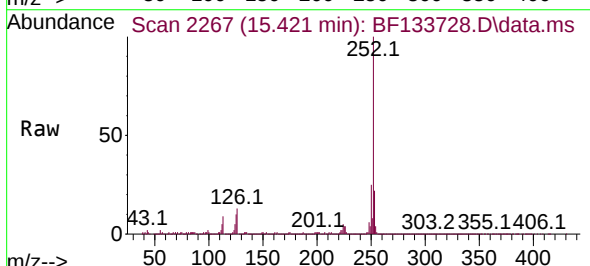
Manual Integrations
APPROVED

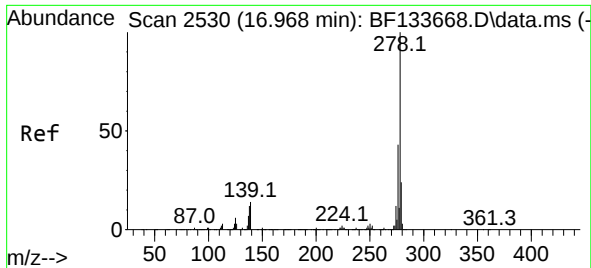
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#90
Benzo(a)pyrene
Concen: 67.773 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:252 Resp: 542471
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.9 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 34.806 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Instrument :

BNA_F

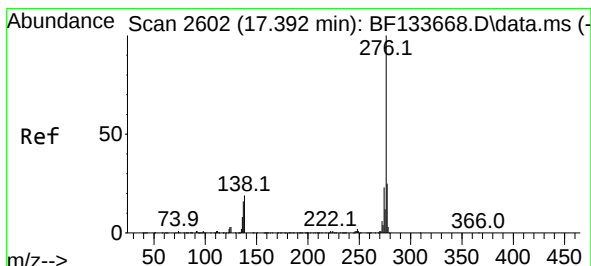
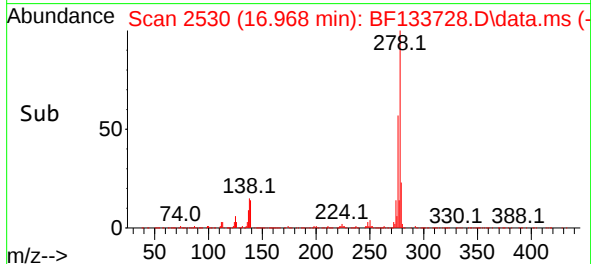
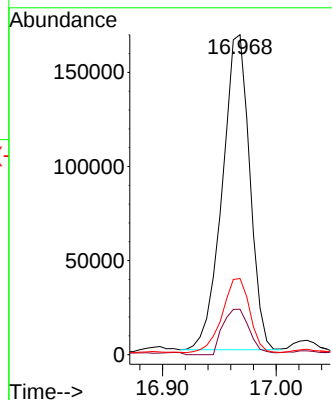
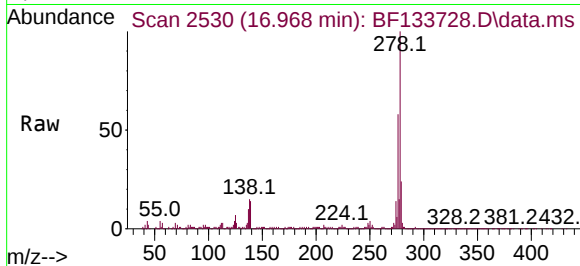
ClientSampleId :

NB-8-060823MS

Tgt Ion:278 Resp: 28146
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.2
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#92
Benzo(g,h,i)perylene
Concen: 46.061 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.006 min
Lab File: BF133728.D
Acq: 13 Jun 2023 13:41

Tgt Ion:276 Resp: 369299
Ion Ratio Lower Upper
276 100
277 24.5 19.8 29.8
138 19.0 15.0 22.4

