

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133588.D
 Acq On : 06 Jun 2023 13:19
 Operator : CG\JU
 Sample : PB153153BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153153BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2023
 Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 06 14:53:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	117804	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	450261	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	214375	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	410096	20.000	ng	0.00
76) Chrysene-d12	14.010	240	234050	20.000	ng	0.00
86) Perylene-d12	15.468	264	228000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1045480	148.072	ng	0.01
7) Phenol-d6	6.469	99	1275642	146.765	ng	0.00
23) Nitrobenzene-d5	7.404	82	834710	123.778	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	367243	171.856	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1424729	102.576	ng	0.00
79) Terphenyl-d14	12.957	244	1559861	118.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	141703	44.438	ng	99
3) Pyridine	3.381	79	391075	43.739	ng	95
4) n-Nitrosodimethylamine	3.334	42	249173	51.101	ng	94
6) Aniline	6.498	93	575893	48.799	ng	99
8) 2-Chlorophenol	6.616	128	416571	59.877	ng	98
9) Benzaldehyde	6.381	77	246567	61.325	ng	97
10) Phenol	6.481	94	503559m	57.752	ng	
11) bis(2-Chloroethyl)ether	6.575	93	391624	54.324	ng	99
12) 1,3-Dichlorobenzene	6.775	146	433300	56.100	ng	99
13) 1,4-Dichlorobenzene	6.851	146	441395	57.002	ng	100
14) 1,2-Dichlorobenzene	7.004	146	422072	59.066	ng	99
15) Benzyl Alcohol	6.981	79	369301	55.965	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	718810	52.572	ng	96
17) 2-Methylphenol	7.087	107	345079	52.377	ng	99
18) Hexachloroethane	7.345	117	158405	59.160	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	288764	51.348	ng	95
20) 3+4-Methylphenols	7.245	107	407066	54.651	ng	# 85
22) Acetophenone	7.251	105	552483	53.282	ng	# 92
24) Nitrobenzene	7.422	77	436108	60.694	ng	99
25) Isophorone	7.657	82	812972	51.727	ng	99
26) 2-Nitrophenol	7.734	139	220138	64.996	ng	97
27) 2,4-Dimethylphenol	7.775	122	372235	55.664	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	465661	51.096	ng	99
29) 2,4-Dichlorophenol	7.975	162	341213	56.714	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	352895	54.229	ng	98
31) Naphthalene	8.145	128	1137805	52.123	ng	98
32) Benzoic acid	7.892	122	265137	58.325	ng	97
33) 4-Chloroaniline	8.187	127	308931	33.020	ng	98
34) Hexachlorobutadiene	8.257	225	212193	53.605	ng	99
35) Caprolactam	8.569	113	126416m	64.070	ng	
36) 4-Chloro-3-methylphenol	8.669	107	378744	56.199	ng	100
37) 2-Methylnaphthalene	8.834	142	750251	50.338	ng	98
38) 1-Methylnaphthalene	8.934	142	703847	50.661	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	340834	53.642	ng	99
41) Hexachlorocyclopentadiene	8.986	237	380766	116.941	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	238819	58.740	ng	99

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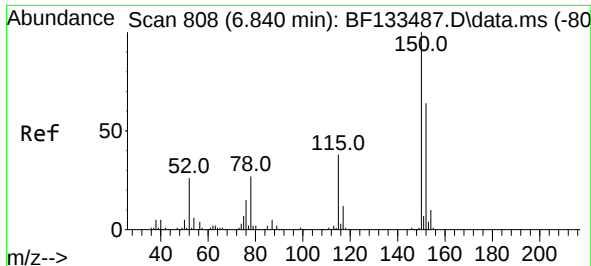
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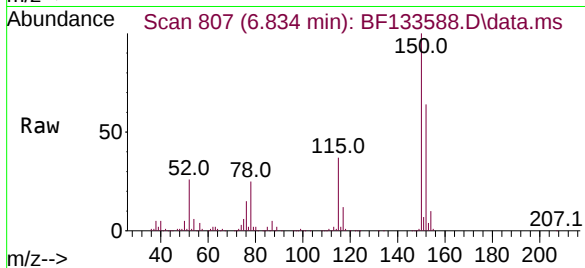
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	265453	56.251	ng	96
46) 1,1'-Biphenyl	9.298	154	925532	53.140	ng	99
47) 2-Chloronaphthalene	9.322	162	686069	54.352	ng	98
48) 2-Nitroaniline	9.422	65	257017	62.137	ng	96
49) Acenaphthylene	9.739	152	1144339	53.124	ng	98
50) Dimethylphthalate	9.604	163	834204	55.366	ng	99
51) 2,6-Dinitrotoluene	9.663	165	184374	63.105	ng	91
52) Acenaphthene	9.910	154	778229m	59.641	ng	
53) 3-Nitroaniline	9.833	138	193828	53.575	ng	# 90
54) 2,4-Dinitrophenol	9.939	184	184323	109.651	ng	94
55) Dibenzofuran	10.086	168	1016378	52.355	ng	99
56) 4-Nitrophenol	9.992	139	333164	129.243	ng	99
57) 2,4-Dinitrotoluene	10.069	165	243009	66.335	ng	# 80
58) Fluorene	10.428	166	752001	52.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	222875	62.710	ng	98
60) Diethylphthalate	10.304	149	842505	53.865	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	359639	52.660	ng	94
62) 4-Nitroaniline	10.451	138	217884	59.448	ng	99
63) Azobenzene	10.580	77	801717	51.206	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	119662	67.115	ng	# 78
66) n-Nitrosodiphenylamine	10.539	169	707481	53.139	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	234447	53.831	ng	95
68) Hexachlorobenzene	10.975	284	259272	56.928	ng	97
69) Atrazine	11.069	200	234116	64.088	ng	99
70) Pentachlorophenol	11.169	266	288219	105.837	ng	99
71) Phenanthrene	11.392	178	1106031	53.249	ng	99
72) Anthracene	11.445	178	1135207	53.103	ng	99
73) Carbazole	11.598	167	1096514	54.238	ng	99
74) Di-n-butylphthalate	11.927	149	1297215	54.264	ng	100
75) Fluoranthene	12.580	202	1195653	52.114	ng	99
77) Benzidine	12.704	184	602957	88.082	ng	99
78) Pyrene	12.810	202	1220597	61.285	ng	99
80) Butylbenzylphthalate	13.433	149	520112	66.003	ng	95
81) Benzo(a)anthracene	13.998	228	857893	55.023	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	249121	51.112	ng	98
83) Chrysene	14.039	228	847517	53.845	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	617837	62.725	ng	99
85) Di-n-octyl phthalate	14.604	149	970184	59.127	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	912621	62.839	ng	99
88) Benzo(b)fluoranthene	15.045	252	781239	52.620	ng	100
89) Benzo(k)fluoranthene	15.074	252	763985	52.774	ng	99
90) Benzo(a)pyrene	15.410	252	696156	51.530	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	738971	62.757	ng	99
92) Benzo(g,h,i)perylene	17.380	276	721909	60.802	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

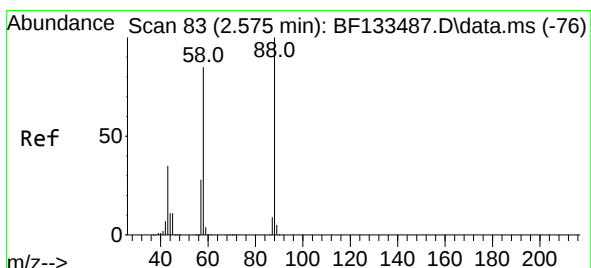
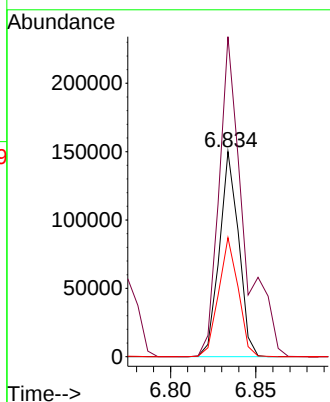
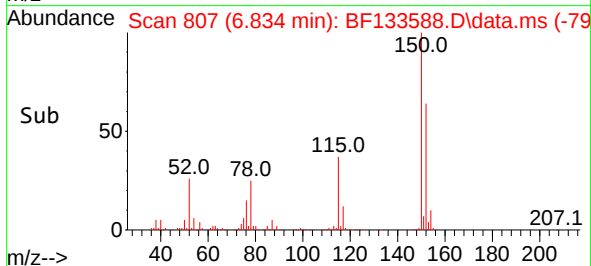
Instrument :
BNA_F
ClientSampleId :
PB153153BS



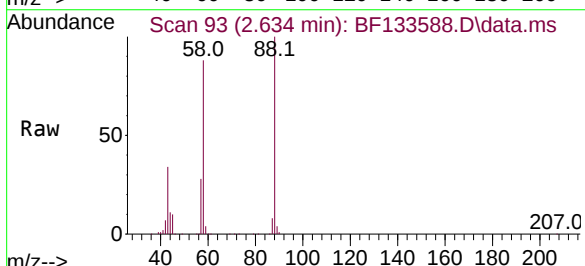
Tgt Ion:152 Resp: 117804
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 58.1 48.1 72.1

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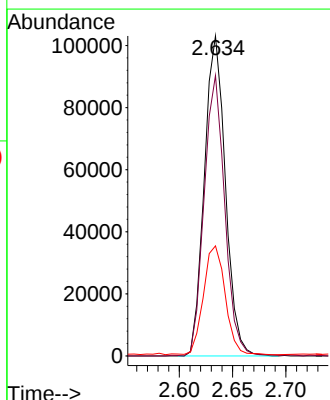
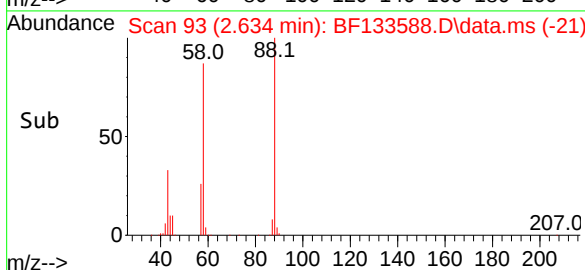
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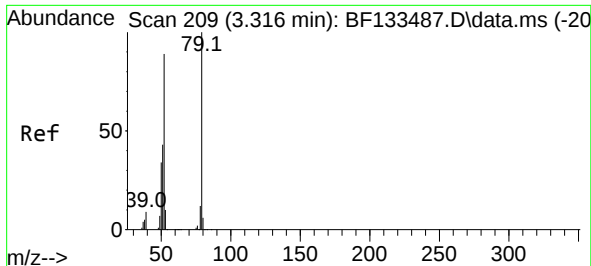


#2
1,4-Dioxane
Concen: 44.438 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.071 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



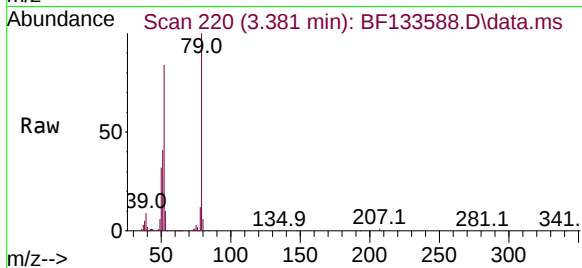
Tgt Ion: 88 Resp: 141703
Ion Ratio Lower Upper
88 100
58 86.3 67.7 101.5
43 35.2 28.2 42.4





#3
Pyridine
Concen: 43.739 ng
RT: 3.381 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

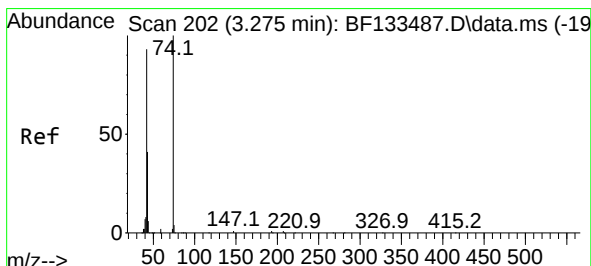
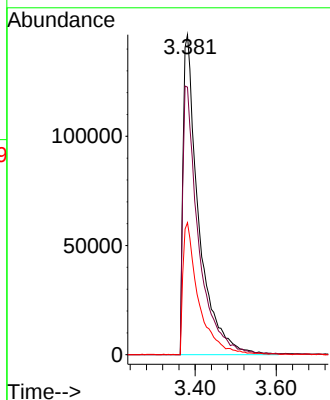
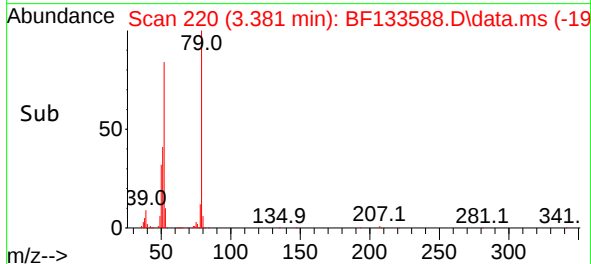
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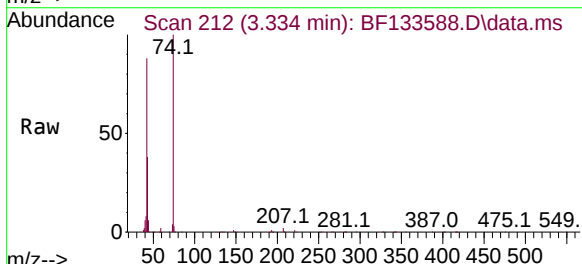
Tgt Ion: 79 Resp: 391079
Ion Ratio Lower Upper
79 100
52 83.6 71.3 106.9
51 41.3 34.4 51.6

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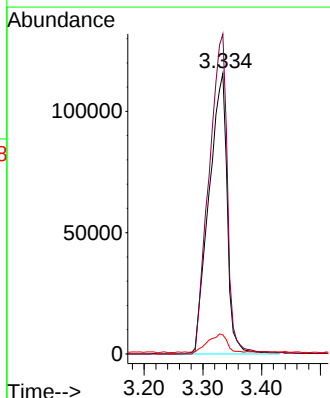
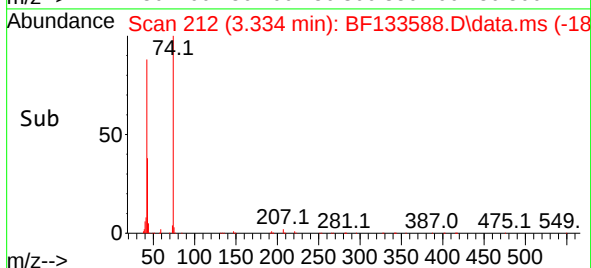
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#4
n-Nitrosodimethylamine
Concen: 51.101 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.065 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



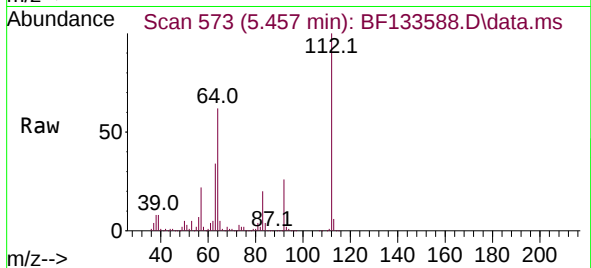
Tgt Ion: 42 Resp: 249173
Ion Ratio Lower Upper
42 100
74 114.0 85.7 128.5
44 6.8 5.6 8.4





#5
2-Fluorophenol
Concen: 148.072 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

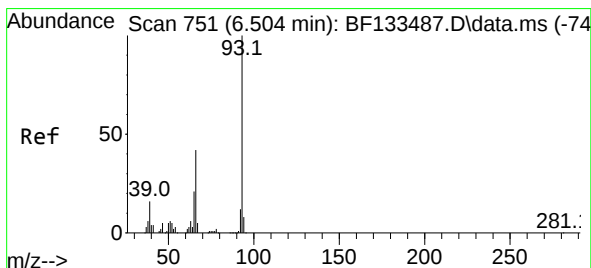
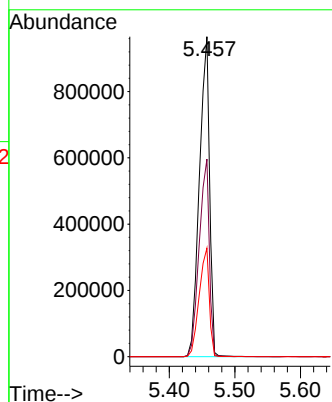
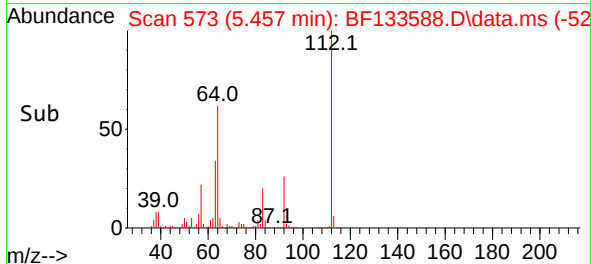
Instrument :
BNA_F
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PB153153BS



Tgt Ion: 112 Resp: 1045480
Ion Ratio Lower Upper
112 100
64 61.7 50.1 75.1
63 33.9 27.5 41.3

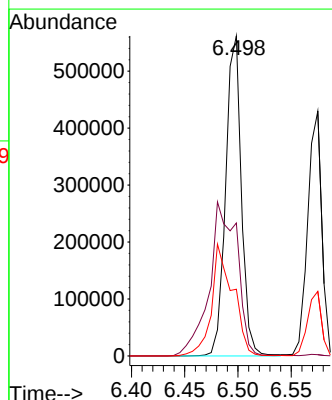
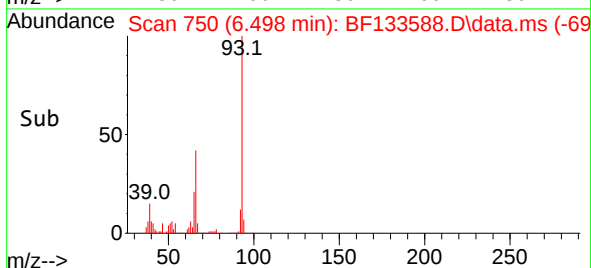
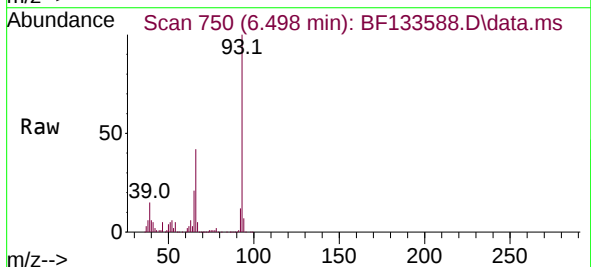
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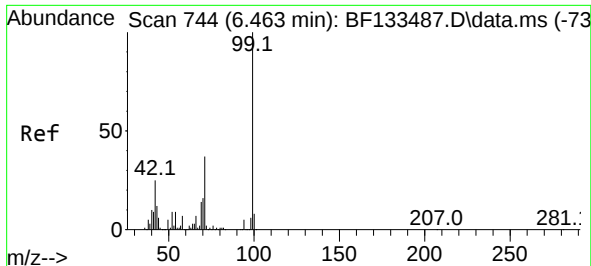
Reviewed By :Yogesh Patel 06/07/2023
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#6
Aniline
Concen: 48.799 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

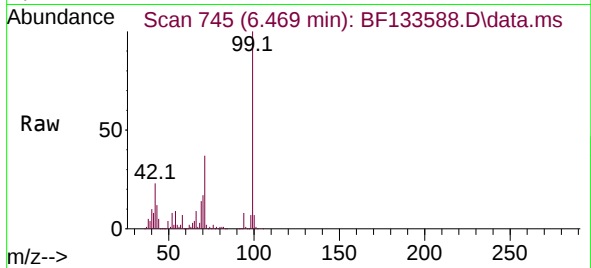
Tgt Ion: 93 Resp: 575893
Ion Ratio Lower Upper
93 100
66 41.5 33.9 50.9
65 20.8 17.2 25.8





#7
Phenol-d6
Concen: 146.765 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

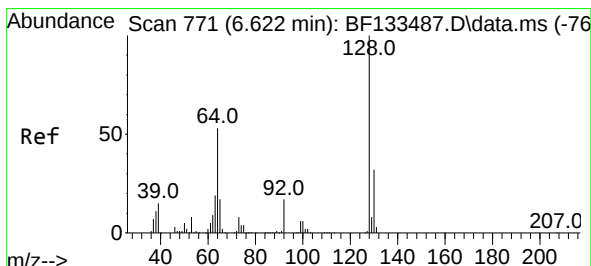
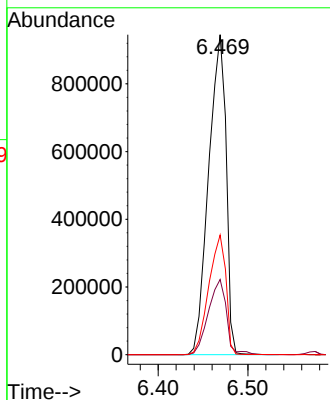
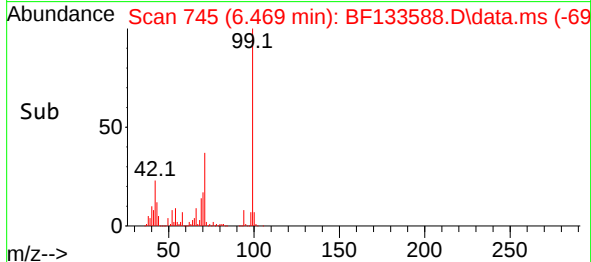
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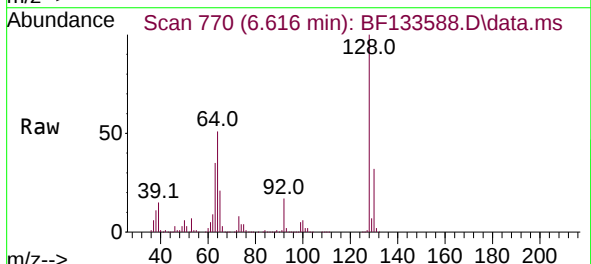
Tgt Ion: 99 Resp: 127564
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 37.4 29.8 44.8

Manual Integrations
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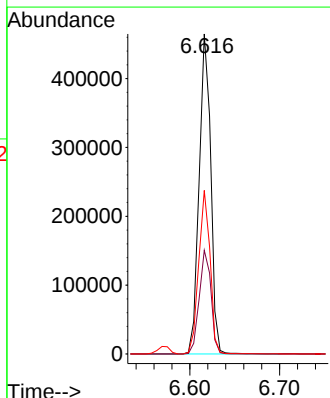
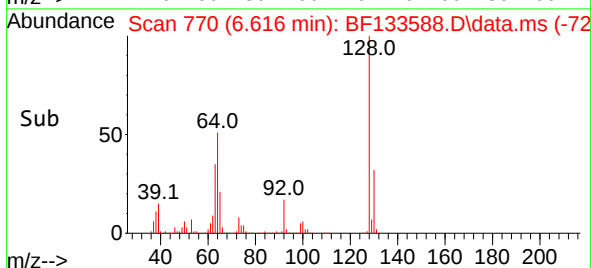
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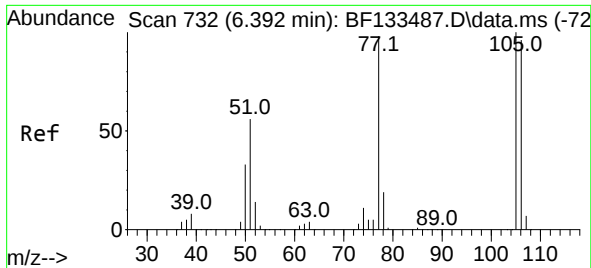


#8
2-Chlorophenol
Concen: 59.877 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:128 Resp: 416571
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 51.1 33.3 73.3





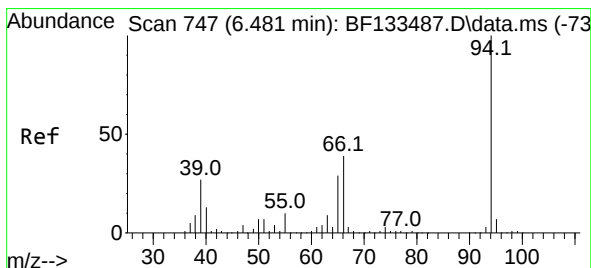
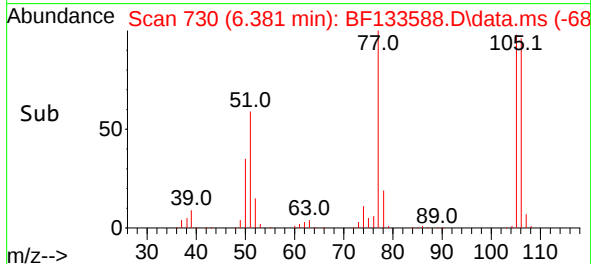
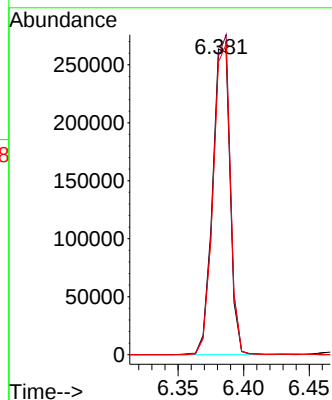
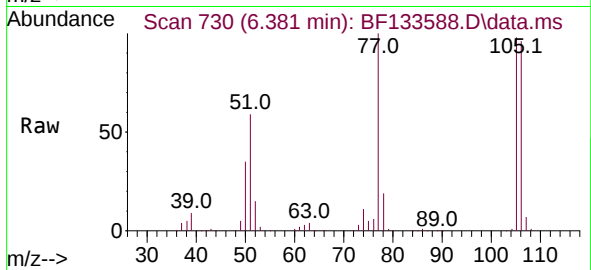
#9
Benzaldehyde
Concen: 61.325 ng
RT: 6.381 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB153153BS

Tgt Ion: 77 Resp: 24656
Ion Ratio Lower Upper
77 100
105 97.6 81.9 121.9
106 95.7 77.8 117.8

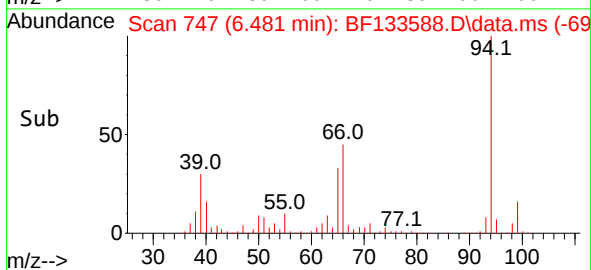
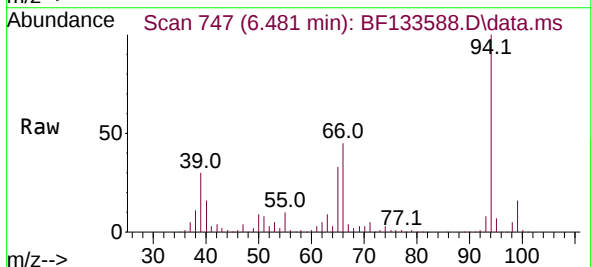
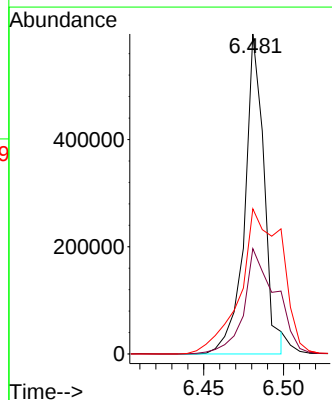
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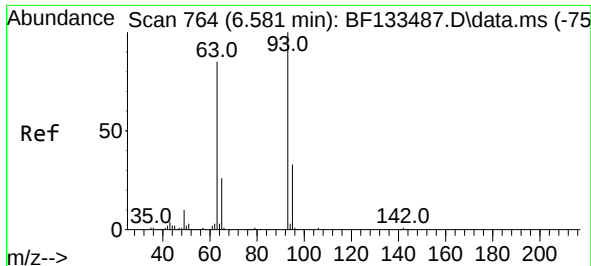
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#10
Phenol
Concen: 57.752 ng m
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion: 94 Resp: 503559
Ion Ratio Lower Upper
94 100
65 32.9 9.1 49.1
66 45.3 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 54.324 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

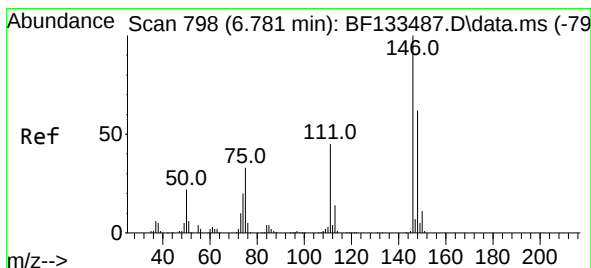
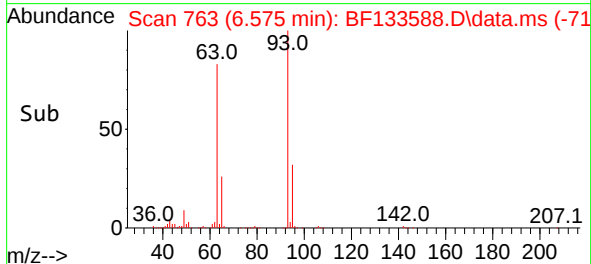
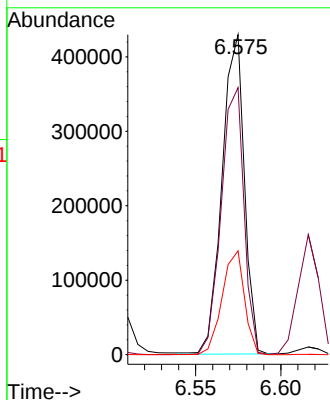
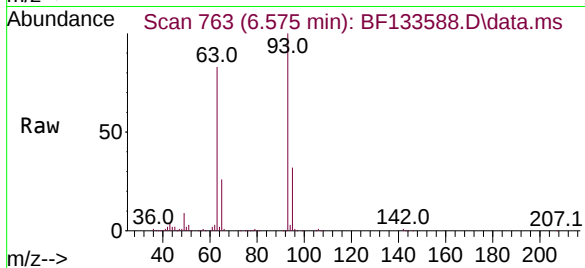
PB153153BS

Tgt Ion:	93	Resp:	391624
Ion	Ratio	Lower	Upper
93	100		
63	83.5	64.5	104.5
95	32.4	13.3	53.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#12

1,3-Dichlorobenzene

Concen: 56.100 ng

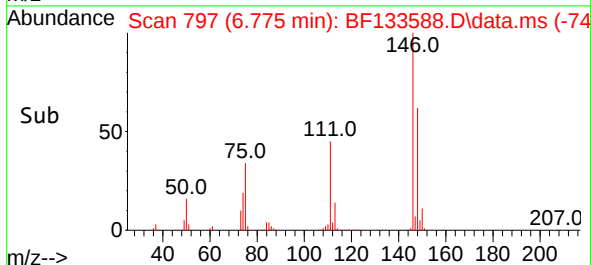
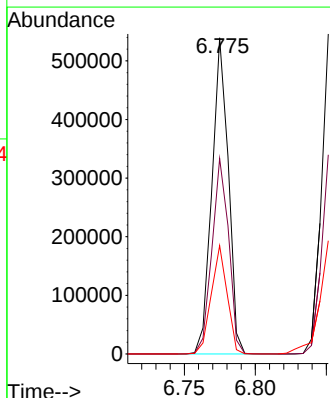
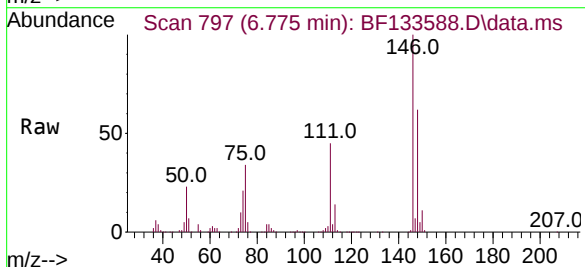
RT: 6.775 min Scan# 797

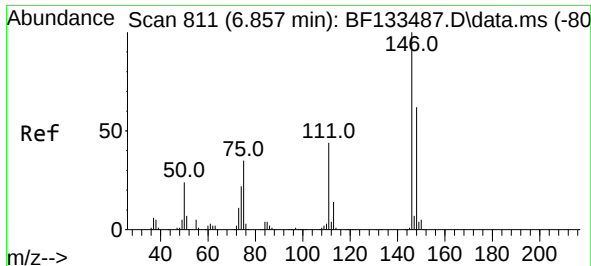
Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Tgt Ion:	146	Resp:	433300
Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.9	74.9
75	34.2	26.7	40.1





#13

1,4-Dichlorobenzene

Concen: 57.002 ng

RT: 6.851 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

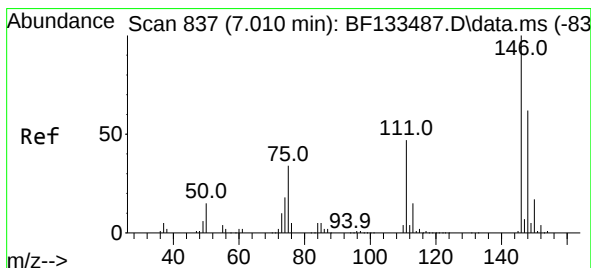
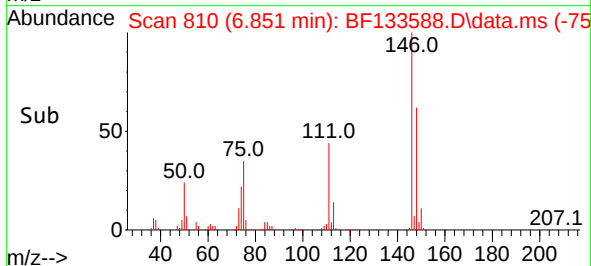
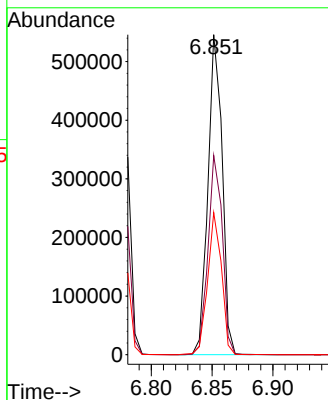
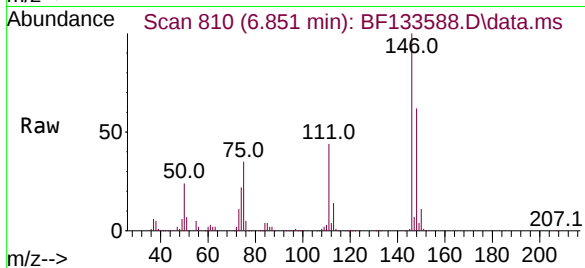
Tgt Ion:146 Resp: 441395
 Ion Ratio Lower Upper
 146 100
 148 62.3 49.8 74.6
 111 44.4 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#14

1,2-Dichlorobenzene

Concen: 59.066 ng

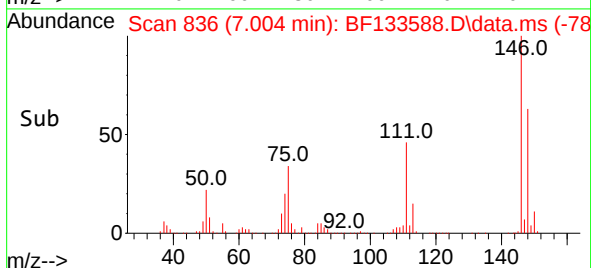
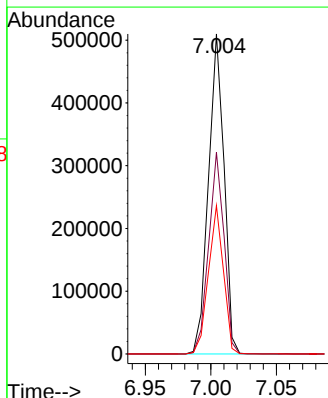
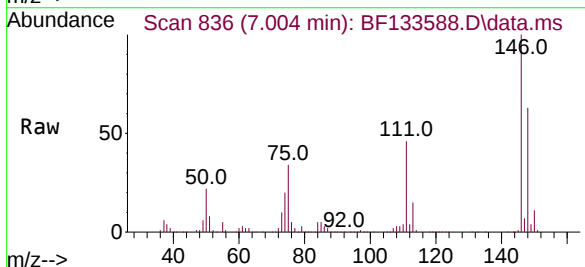
RT: 7.004 min Scan# 836

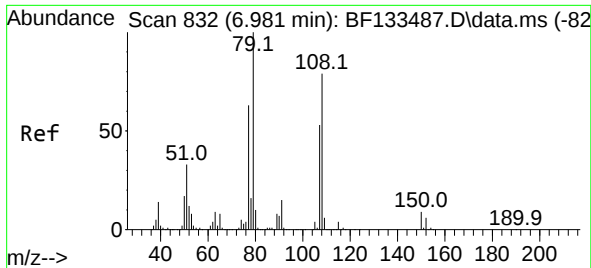
Delta R.T. -0.006 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Tgt Ion:146 Resp: 422072
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.8 74.6
 111 46.4 37.4 56.2





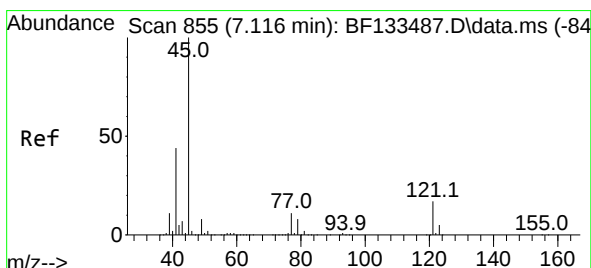
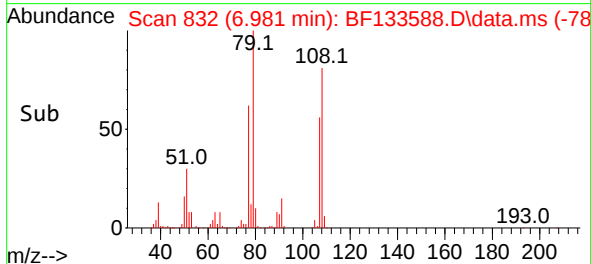
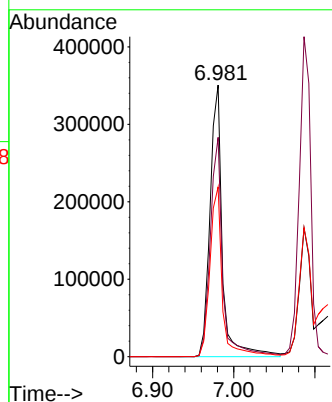
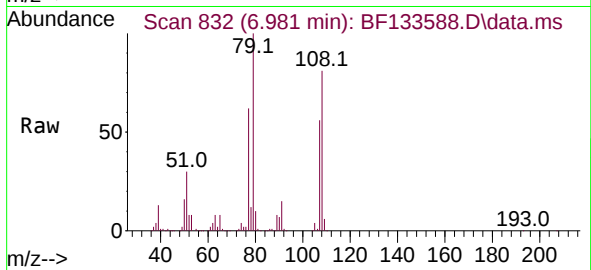
#15
Benzyl Alcohol
Concen: 55.965 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB153153BS

Tgt Ion: 79 Resp: 36930
Ion Ratio Lower Upper
79 100
108 80.7 63.2 94.8
77 62.5 50.3 75.5

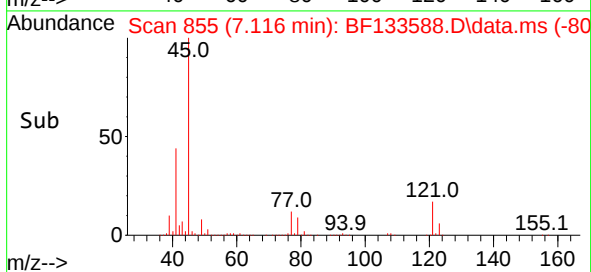
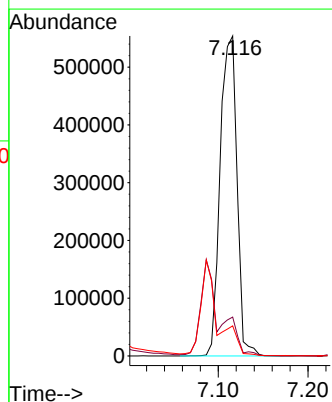
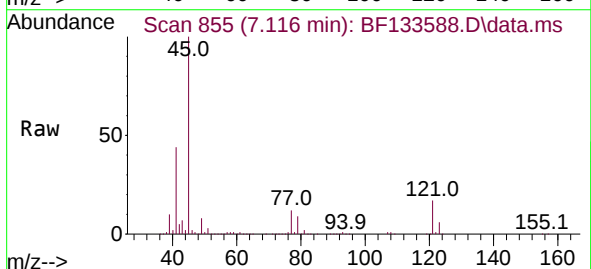
Manual Integrations
APPROVED

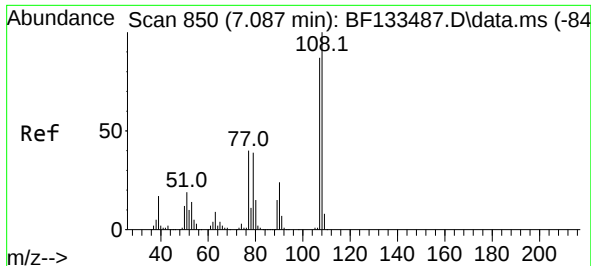
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.572 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

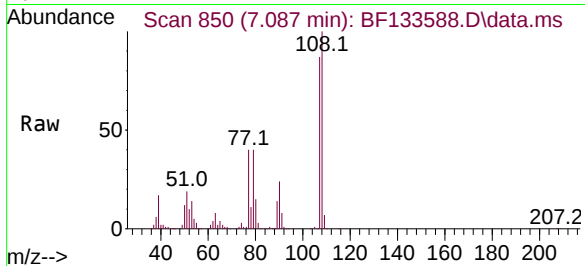
Tgt Ion: 45 Resp: 718810
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.8
79 9.4 0.0 28.2





#17
2-Methylphenol
Concen: 52.377 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

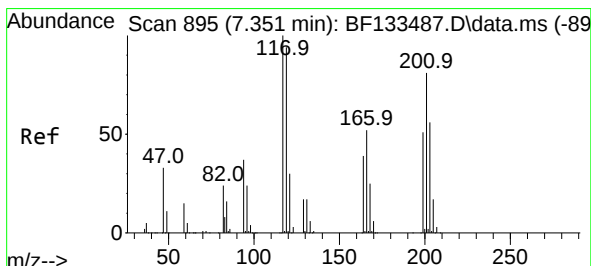
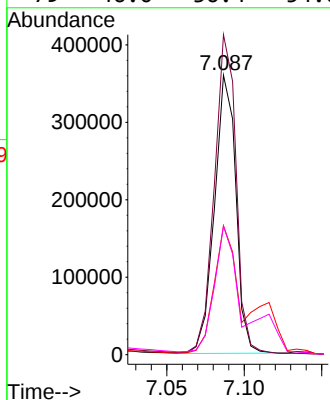
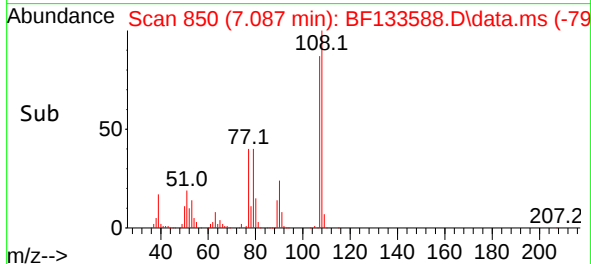
Instrument :
BNA_F
ClientSampleId :
PB153153BS



Tgt Ion:	107	Resp:	345079
Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.2	138.4
77	46.2	37.1	55.7
79	46.0	36.4	54.6

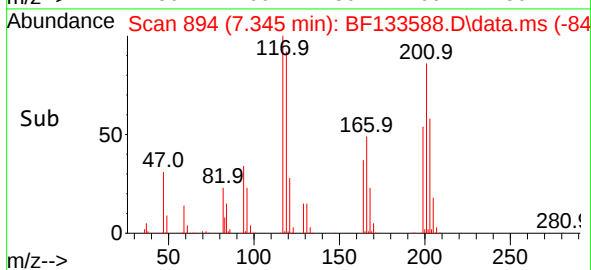
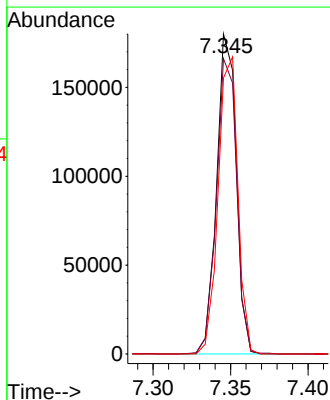
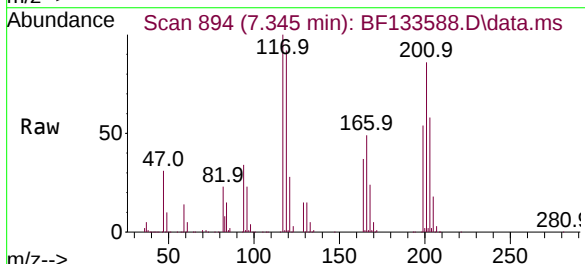
Manual Integrations
APPROVED

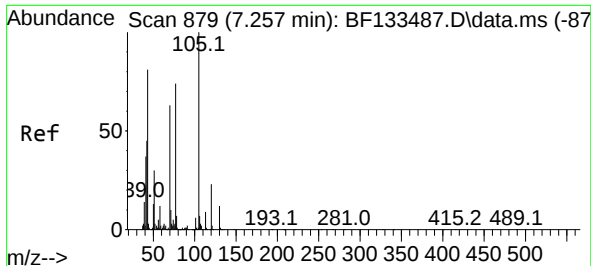
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#18
Hexachloroethane
Concen: 59.160 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

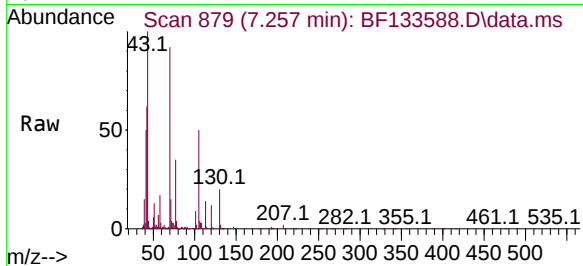
Tgt Ion:	117	Resp:	158405
Ion	Ratio	Lower	Upper
117	100		
119	92.3	74.9	112.3
201	86.2	64.8	97.2





#19
n-Nitroso-di-n-propylamine
Concen: 51.348 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

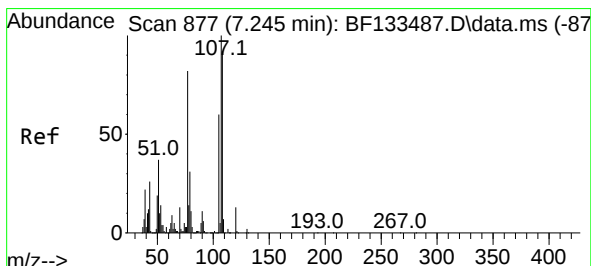
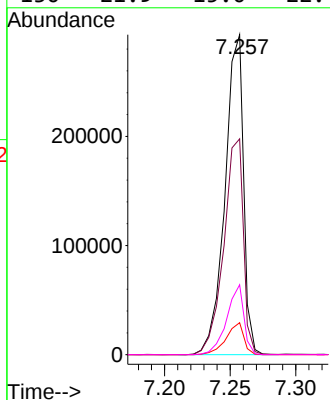
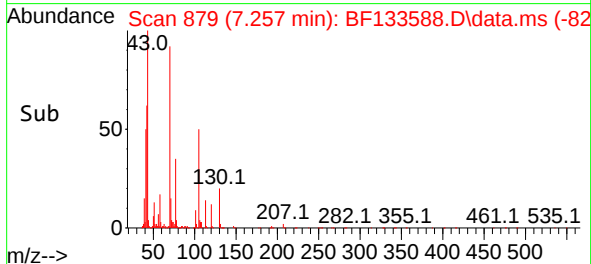
Instrument :
BNA_F
ClientSampleId :
PB153153BS



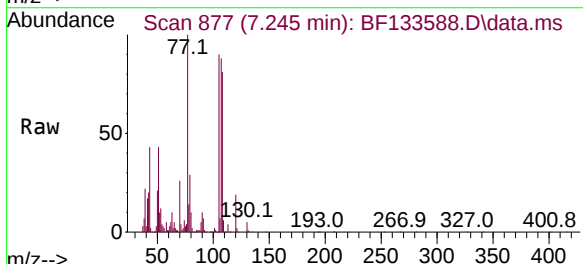
Tgt Ion: 70 Resp: 288764
Ion Ratio Lower Upper
70 100
42 67.4 57.2 85.8
101 10.0 7.3 10.9
130 21.9 15.0 22.4

Manual Integrations
APPROVED

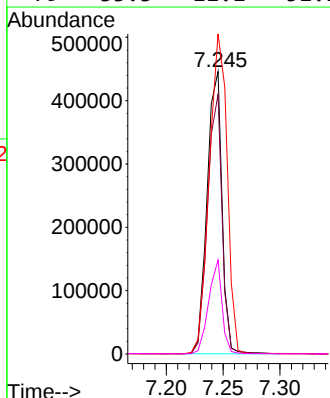
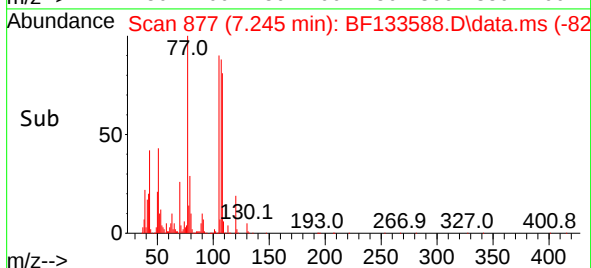
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

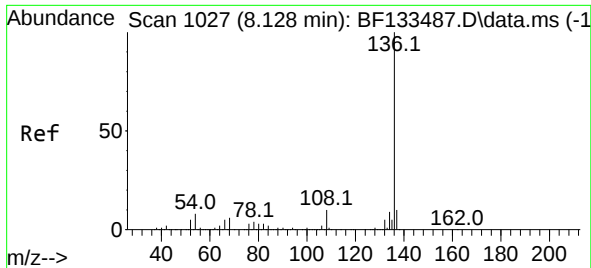


#20
3+4-Methylphenols
Concen: 54.651 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:107 Resp: 407066
Ion Ratio Lower Upper
107 100
108 91.9 72.0 112.0
77 113.3 61.9 101.9#
79 33.3 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

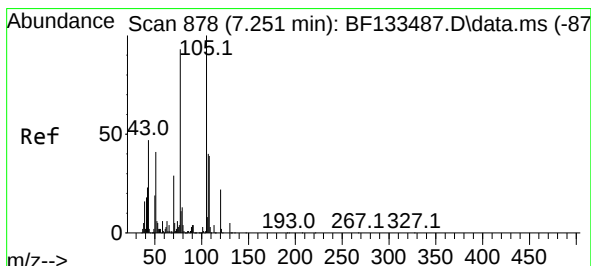
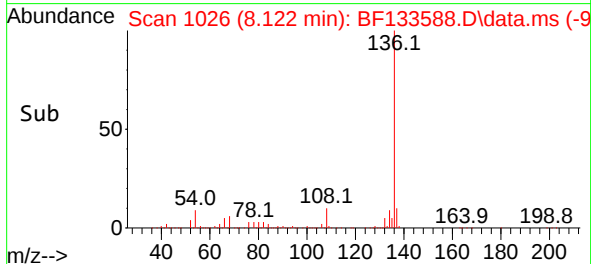
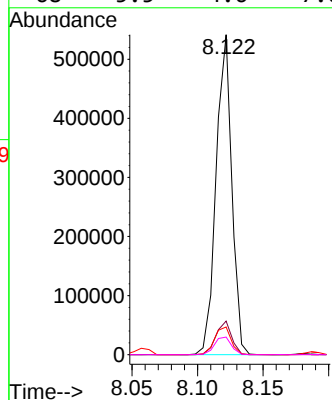
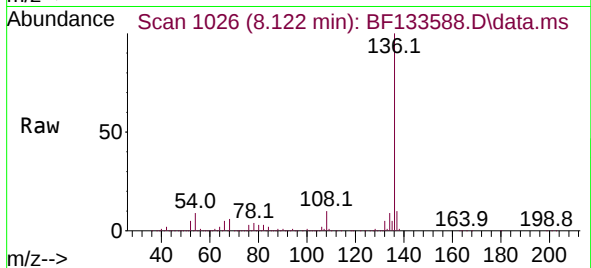
ClientSampleId :

PB153153BS

Tgt Ion:136 Resp: 45026
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.7 6.6 10.0
68 5.5 4.6 7.0

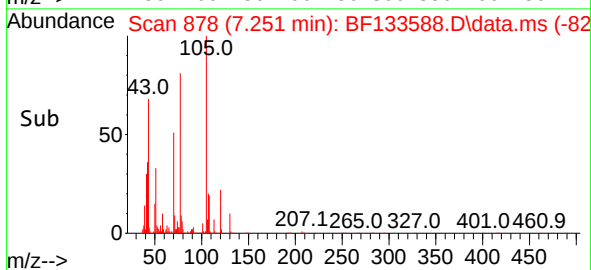
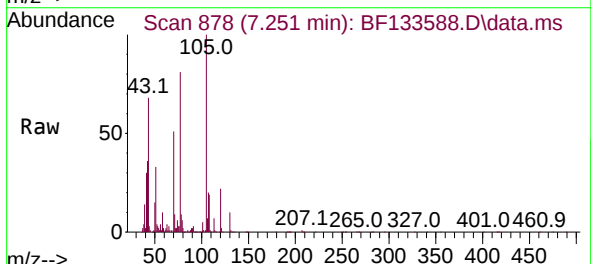
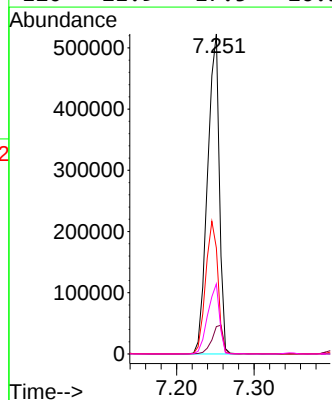
Manual Integrations
APPROVED

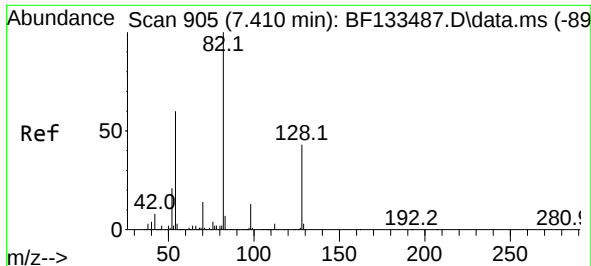
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#22
Acetophenone
Concen: 53.282 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:105 Resp: 552483
Ion Ratio Lower Upper
105 100
71 8.6 3.8 5.8#
51 33.1 32.6 49.0
120 21.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 123.778 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

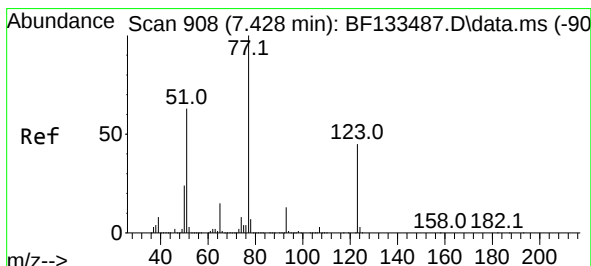
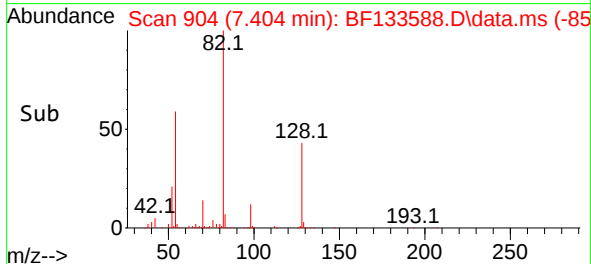
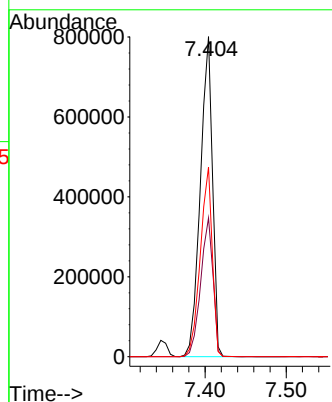
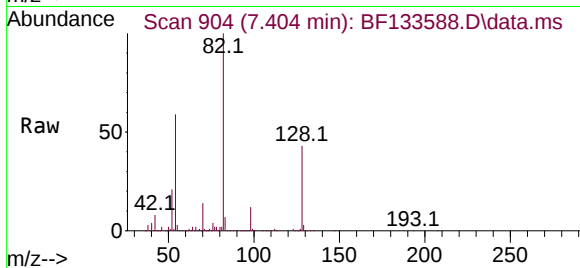
PB153153BS

Tgt Ion: 82 Resp: 834710

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.4
54	59.2	48.2	72.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#24

Nitrobenzene

Concen: 60.694 ng

RT: 7.422 min Scan# 907

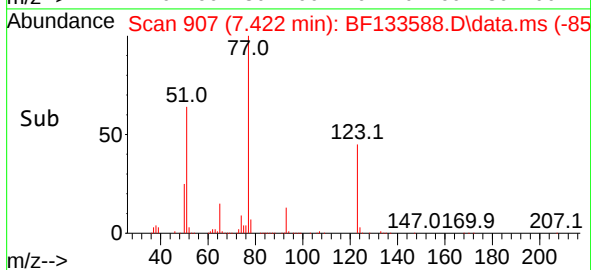
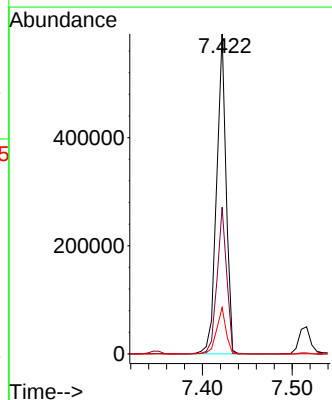
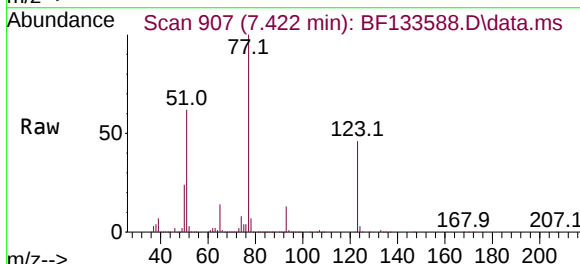
Delta R.T. 0.000 min

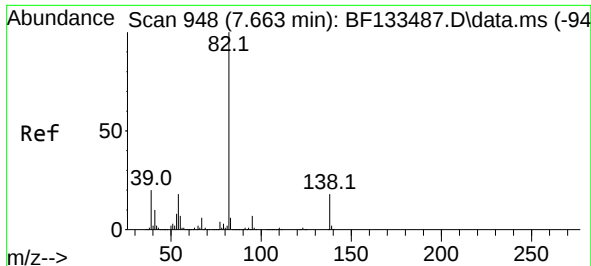
Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Tgt Ion: 77 Resp: 436108

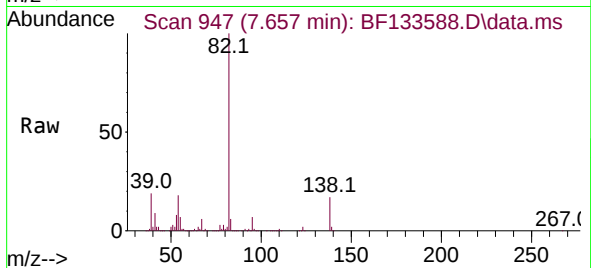
Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.8	53.8
65	14.5	11.8	17.8





#25
Isophorone
Concen: 51.727 ng
RT: 7.657 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

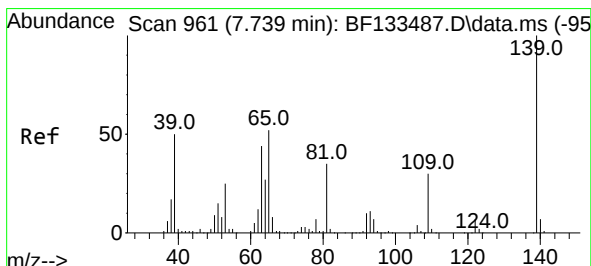
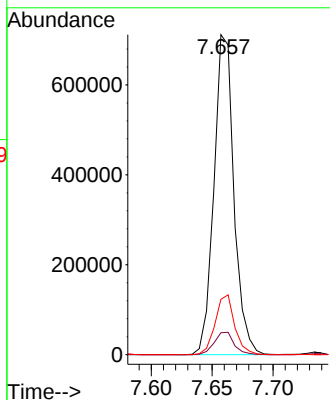
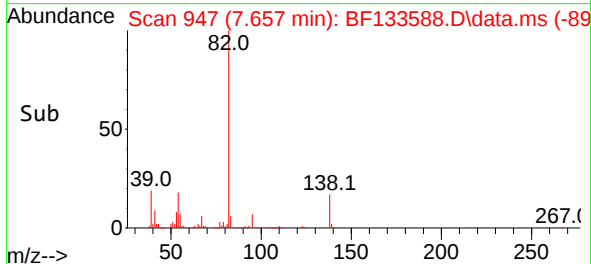
Instrument :
BNA_F
ClientSampleId :
PB153153BS



Tgt Ion: 82 Resp: 812972
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.3 14.2 21.4

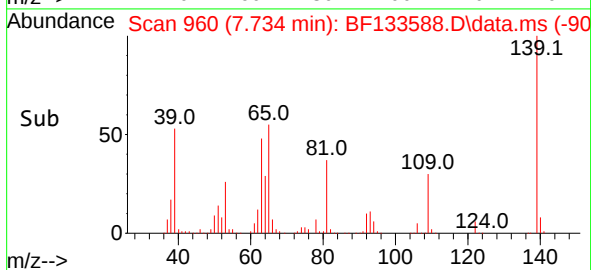
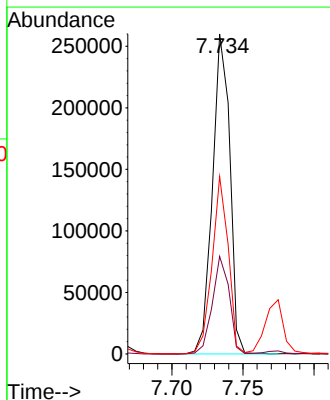
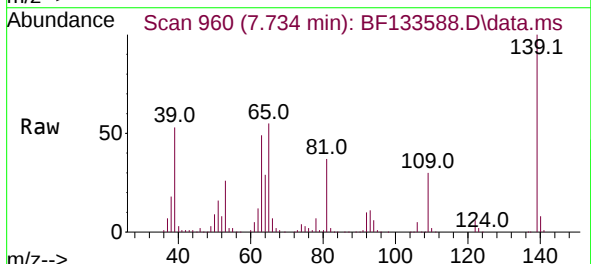
Manual Integrations
APPROVED

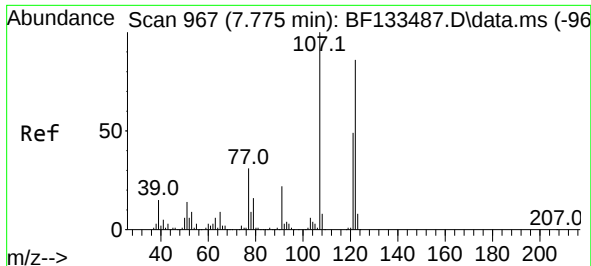
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#26
2-Nitrophenol
Concen: 64.996 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:139 Resp: 220138
Ion Ratio Lower Upper
139 100
109 30.5 24.0 36.0
65 55.5 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 55.664 ng

RT: 7.775 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133588.D

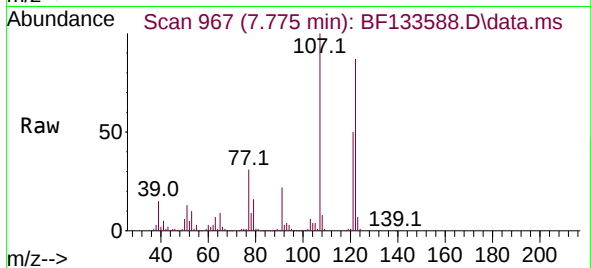
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS



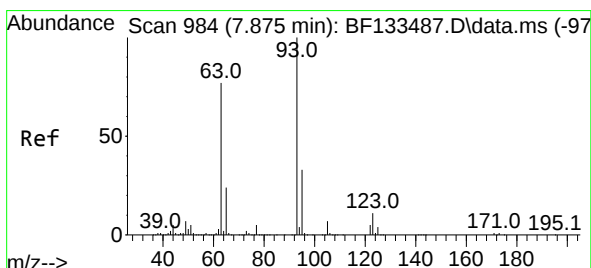
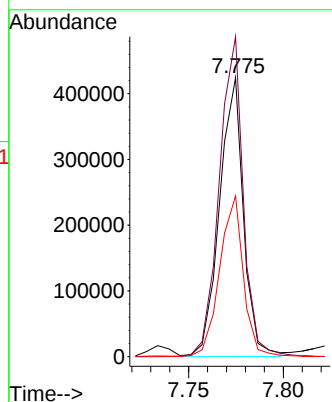
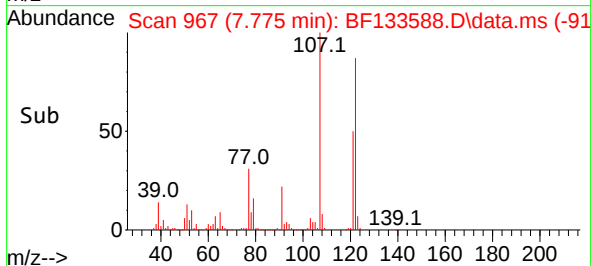
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.7	93.4	140.0
121	57.6	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 51.096 ng

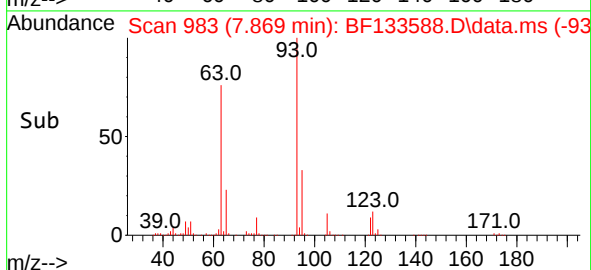
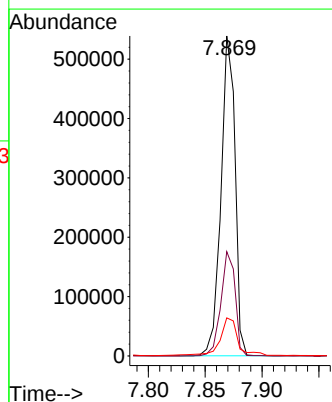
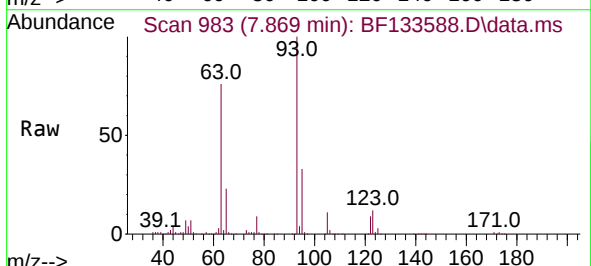
RT: 7.869 min Scan# 983

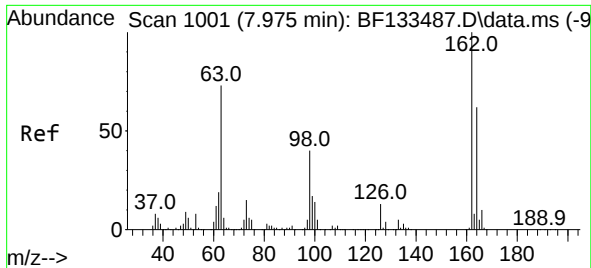
Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.9	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 56.714 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

Tgt Ion:162 Resp: 34121

Ion Ratio Lower Upper

162 100

164 63.0 42.2 82.2

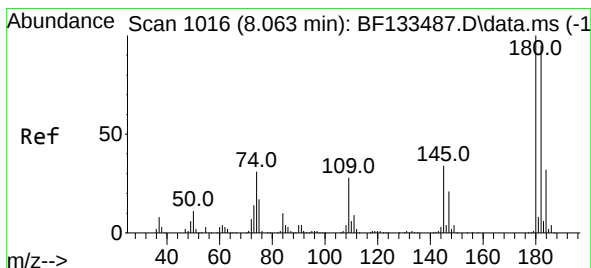
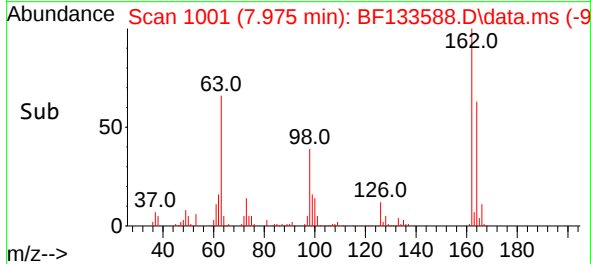
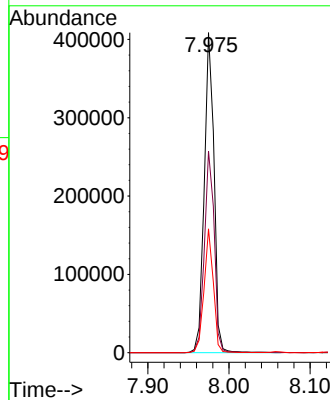
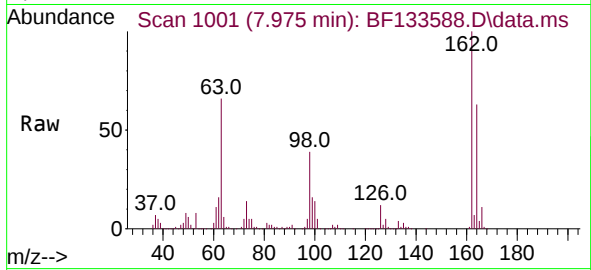
98 38.7 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 54.229 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

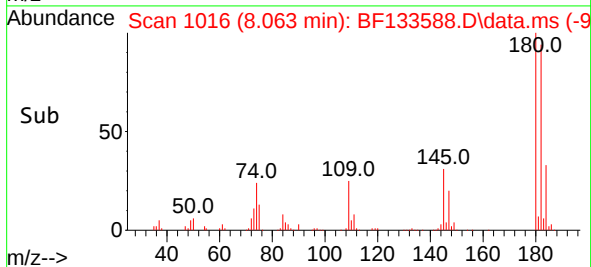
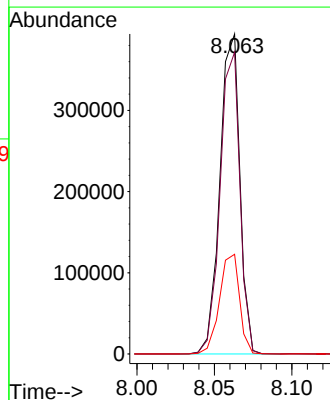
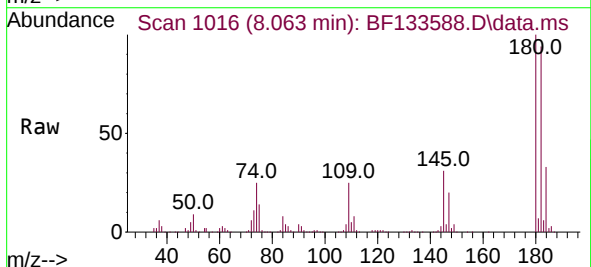
Tgt Ion:180 Resp: 352895

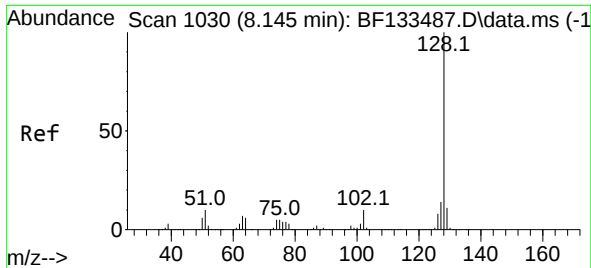
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

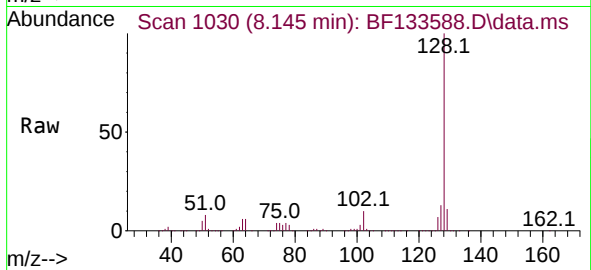
145 31.2 27.0 40.4





#31
Naphthalene
Concen: 52.123 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

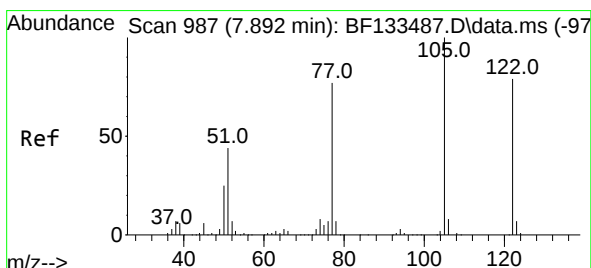
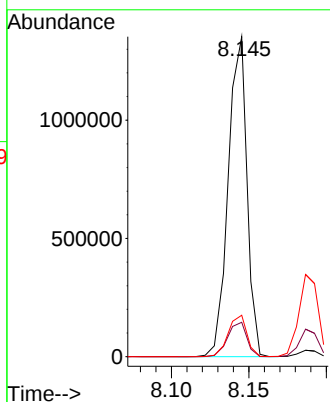
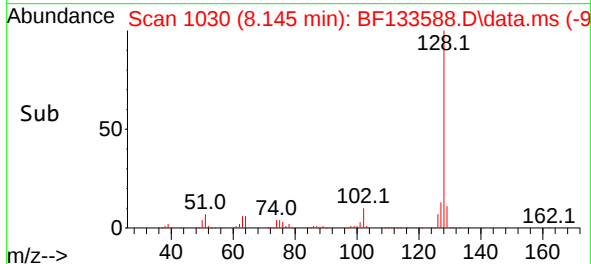
Instrument :
BNA_F
ClientSampleId :
PB153153BS



Tgt Ion:128 Resp: 113780
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.0 10.9 16.3

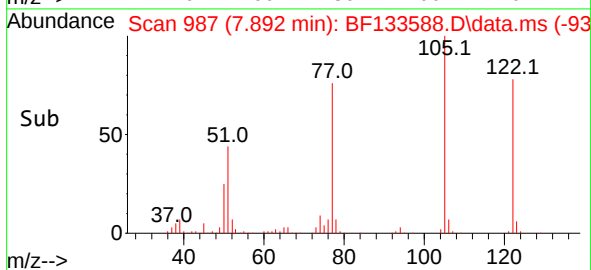
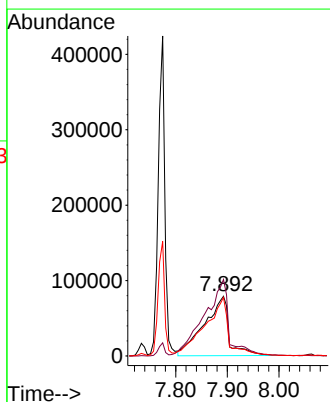
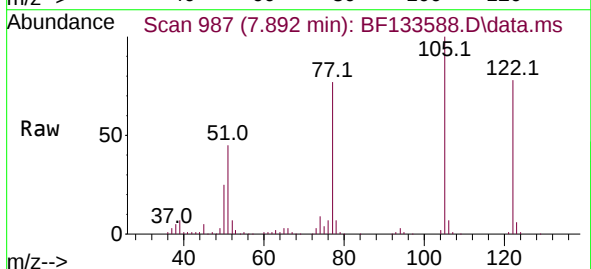
Manual Integrations
APPROVED

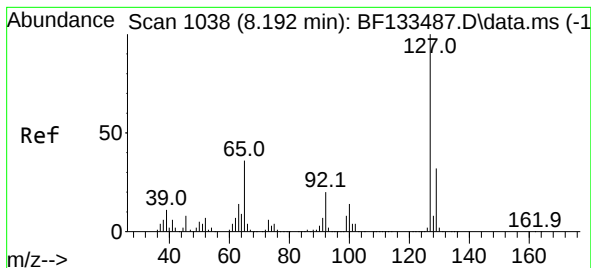
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#32
Benzoic acid
Concen: 58.325 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:122 Resp: 265137
Ion Ratio Lower Upper
122 100
105 128.1 103.3 143.3
77 98.0 75.7 115.7





#33

4-Chloroaniline

Concen: 33.020 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

Tgt Ion:127 Resp: 30893

Ion Ratio Lower Upper

127 100

129 33.4 25.9 38.9

65 34.9 29.0 43.6

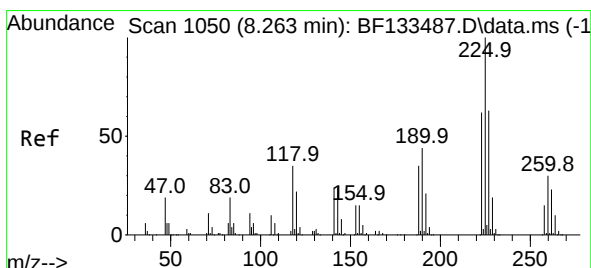
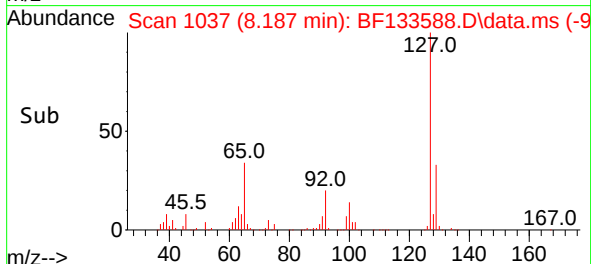
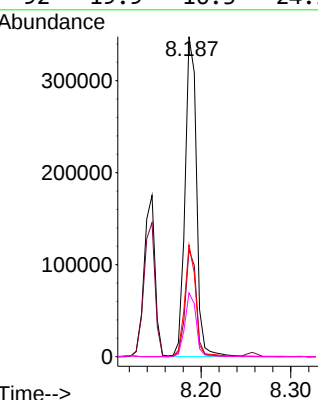
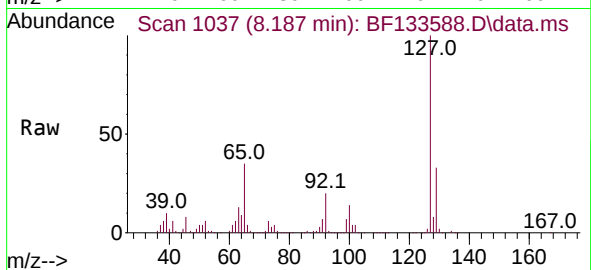
92 19.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#34

Hexachlorobutadiene

Concen: 53.605 ng

RT: 8.257 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

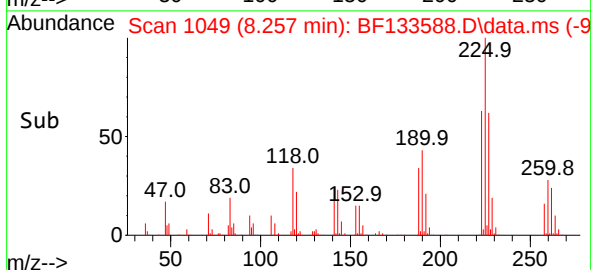
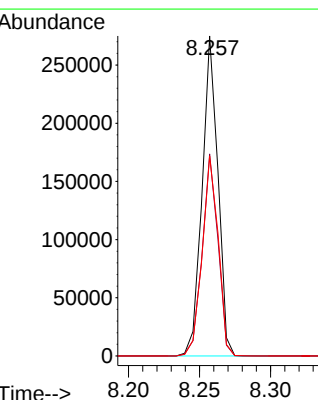
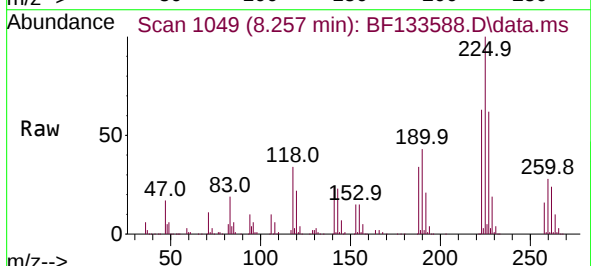
Tgt Ion:225 Resp: 212193

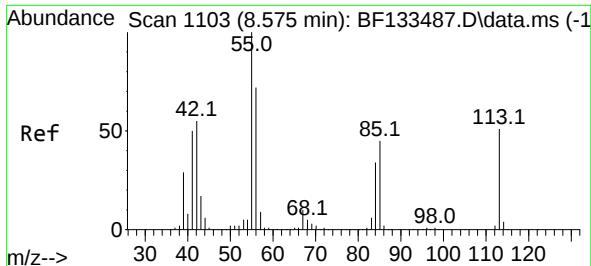
Ion Ratio Lower Upper

225 100

223 63.2 49.8 74.8

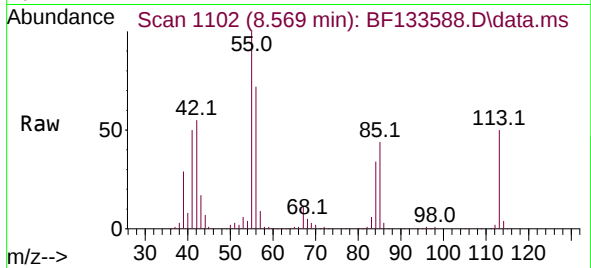
227 62.5 50.2 75.4





#35
Caprolactam
Concen: 64.070 ng m
RT: 8.569 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

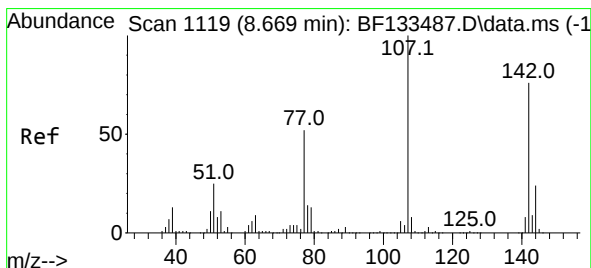
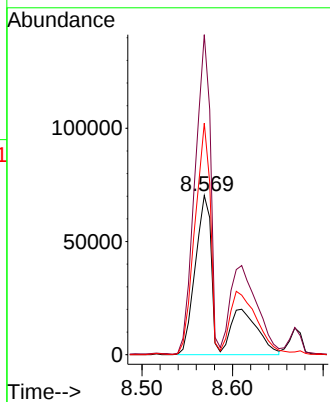
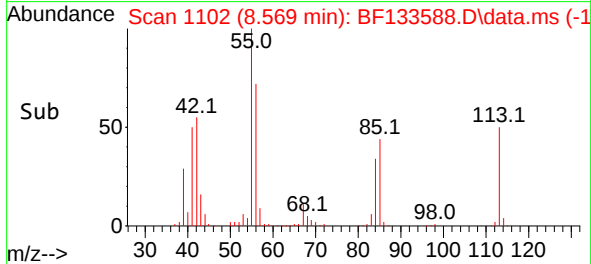
Instrument :
BNA_F
ClientSampleId :
PB153153BS



Tgt Ion:113 Resp: 126410
Ion Ratio Lower Upper
113 100
55 200.9 177.5 217.5
56 145.4 122.3 162.3

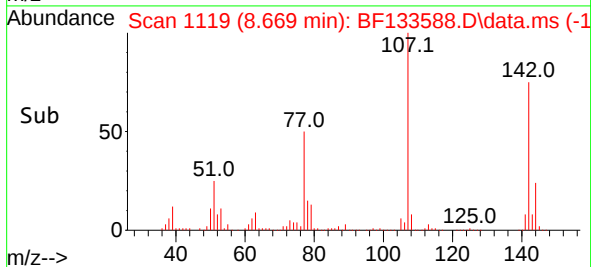
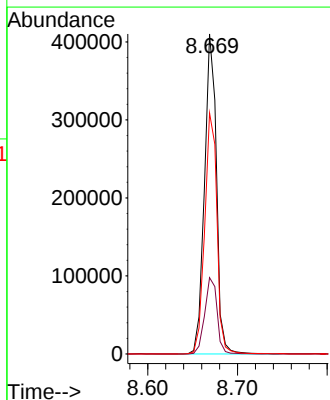
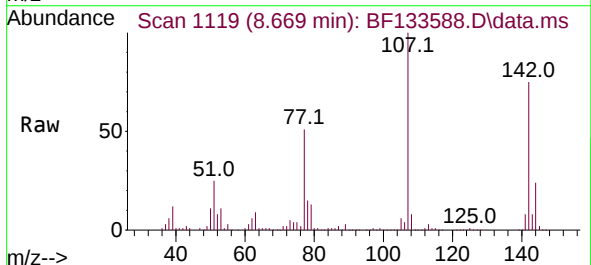
Manual Integrations
APPROVED

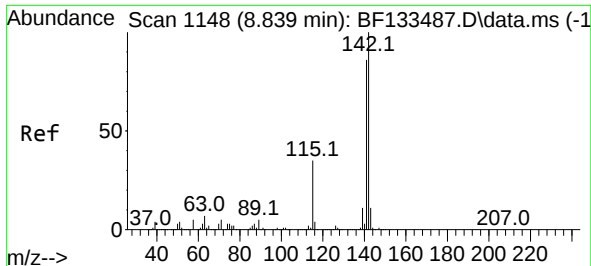
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#36
4-Chloro-3-methylphenol
Concen: 56.199 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:107 Resp: 378744
Ion Ratio Lower Upper
107 100
144 23.8 19.4 29.0
142 75.3 60.5 90.7





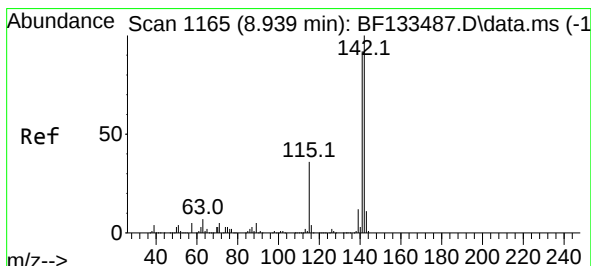
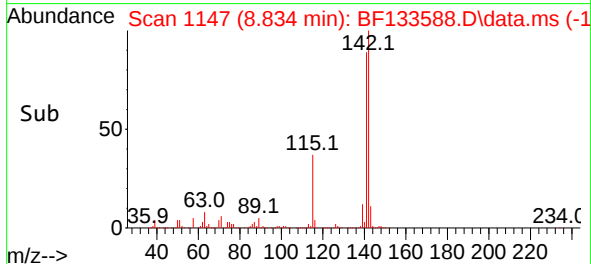
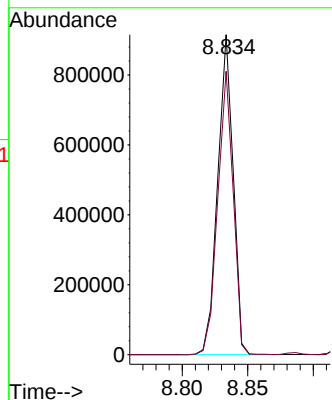
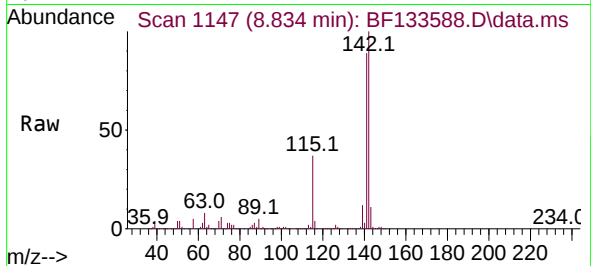
#37
2-Methylnaphthalene
Concen: 50.338 ng
RT: 8.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB153153BS

Tgt Ion:142 Resp: 75025
Ion Ratio Lower Upper
142 100
141 88.5 69.2 103.8

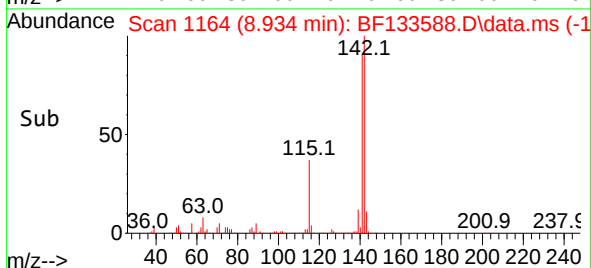
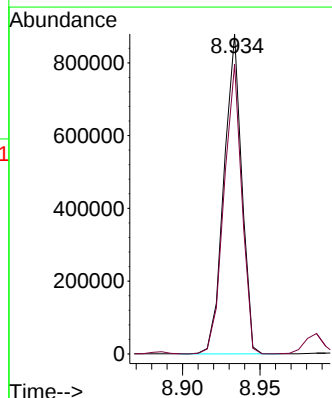
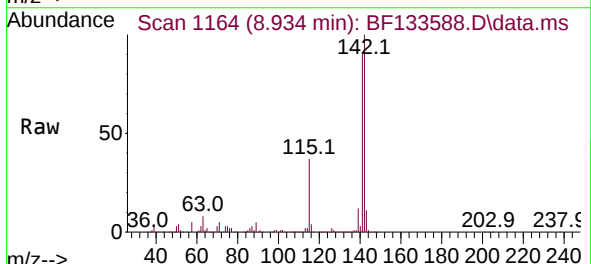
Manual Integrations
APPROVED

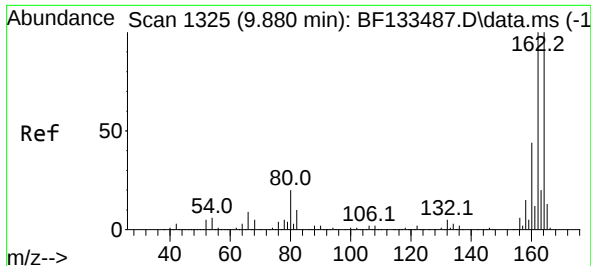
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#38
1-Methylnaphthalene
Concen: 50.661 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:142 Resp: 703847
Ion Ratio Lower Upper
142 100
141 90.5 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF133588.D

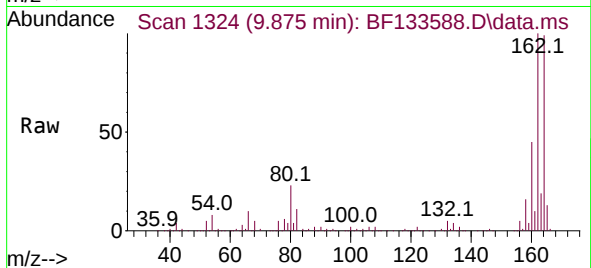
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS



Tgt Ion:164 Resp: 214375

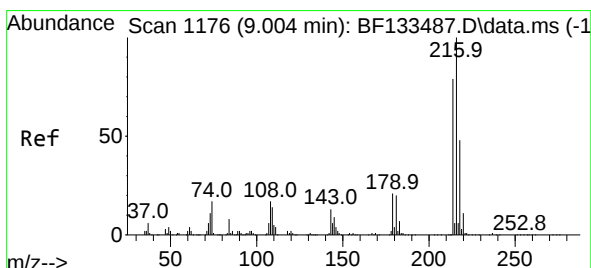
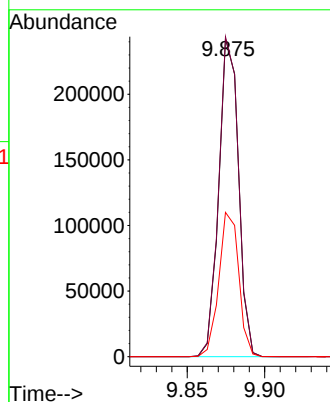
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.7	119.5
160	45.4	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.642 ng

RT: 8.998 min Scan# 1175

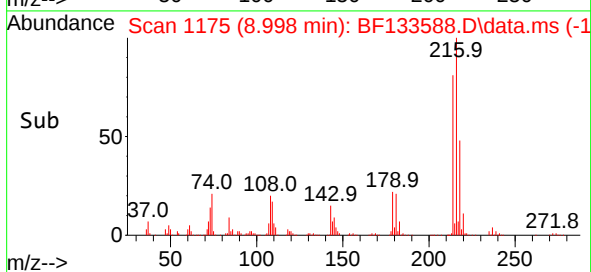
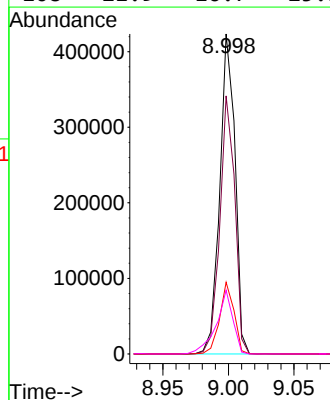
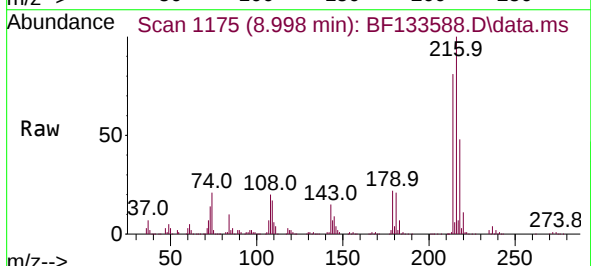
Delta R.T. 0.000 min

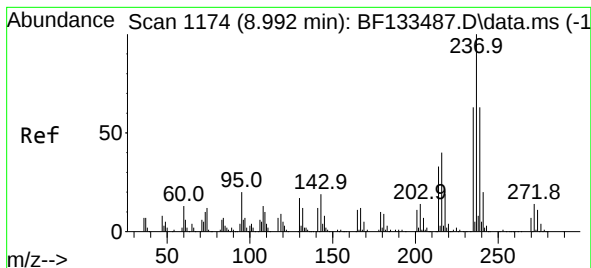
Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Tgt Ion:216 Resp: 340834

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	21.2	17.3	25.9
108	21.9	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 116.941 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

Tgt Ion:237 Resp: 380760

Ion Ratio Lower Upper

237 100

235 63.2 43.0 83.0

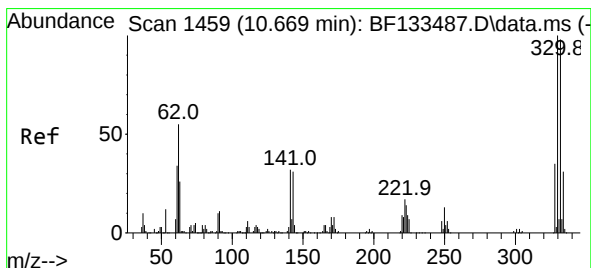
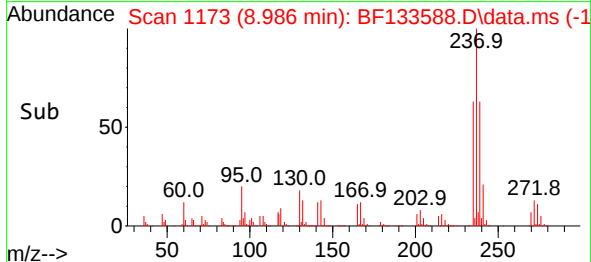
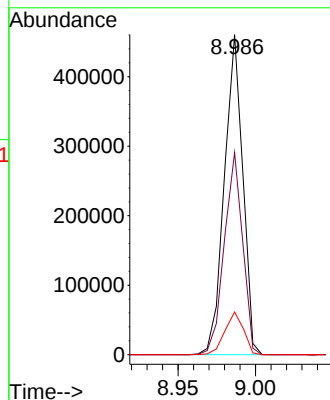
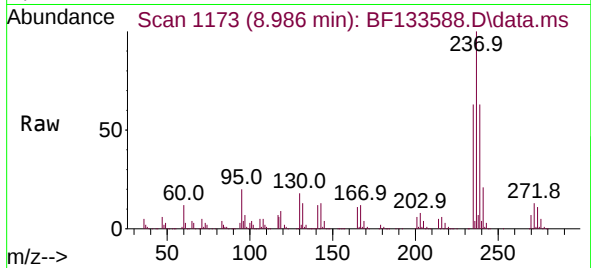
272 13.3 0.0 33.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#42

2,4,6-Tribromophenol

Concen: 171.856 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

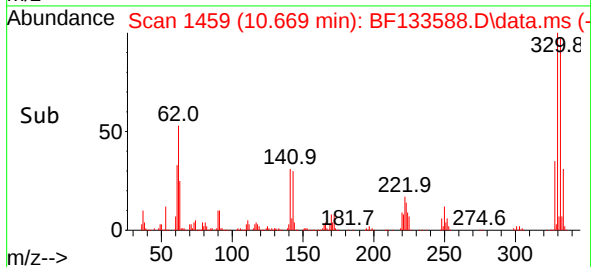
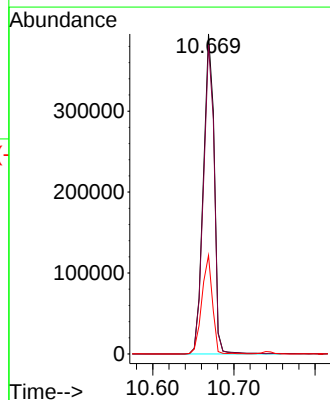
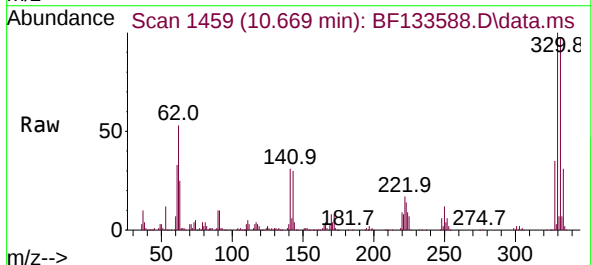
Tgt Ion:330 Resp: 367243

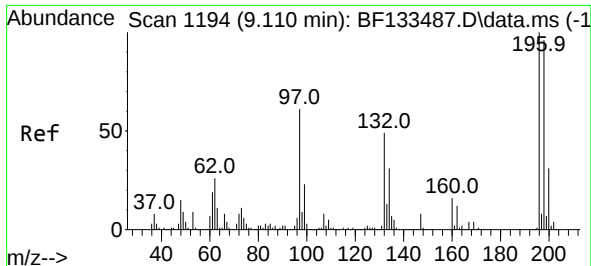
Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

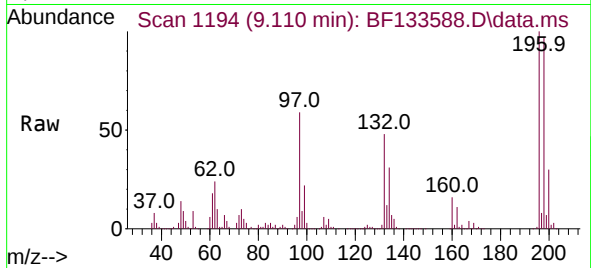
141 30.1 26.6 40.0





#43
2,4,6-Trichlorophenol
Concen: 58.740 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

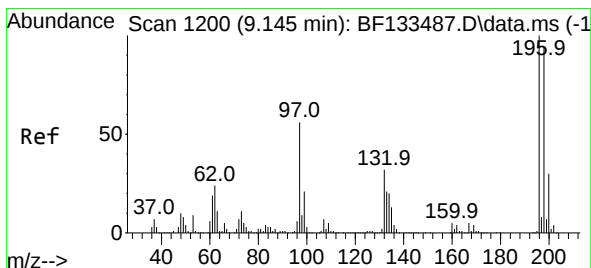
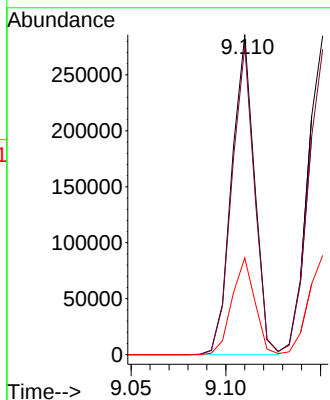
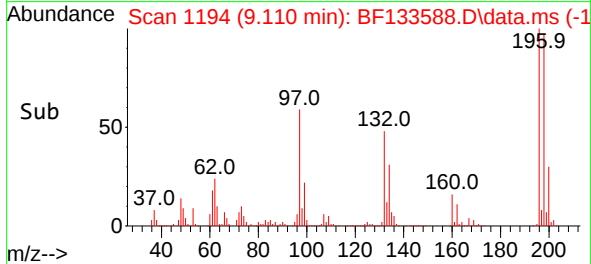
Instrument :
BNA_F
ClientSampleId :
PB153153BS



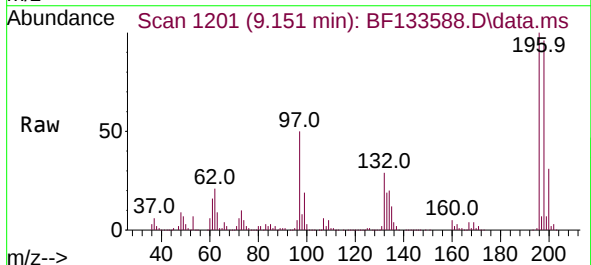
Tgt Ion:196 Resp: 238819
Ion Ratio Lower Upper
196 100
198 96.6 76.6 115.0
200 30.2 24.6 37.0

Manual Integrations
APPROVED

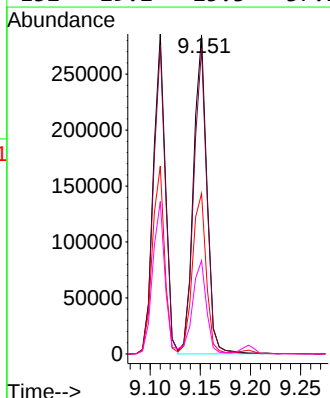
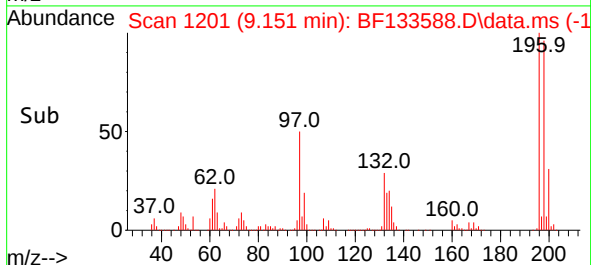
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

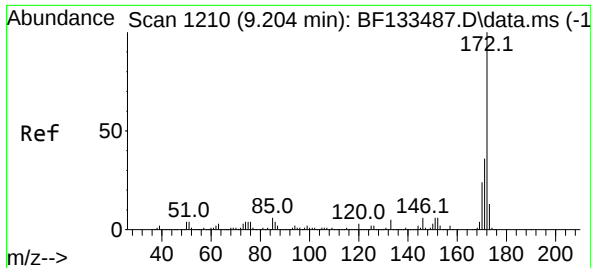


#44
2,4,5-Trichlorophenol
Concen: 56.251 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:196 Resp: 265453
Ion Ratio Lower Upper
196 100
198 95.7 75.3 112.9
97 50.3 44.9 67.3
132 29.2 25.3 37.9





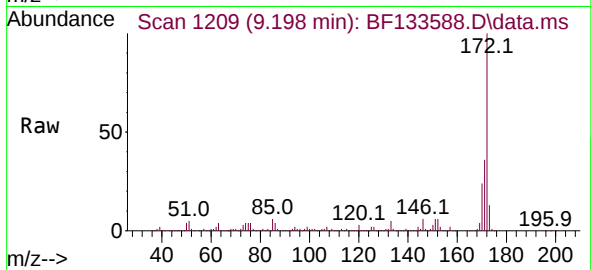
#45
2-Fluorobiphenyl
Concen: 102.576 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

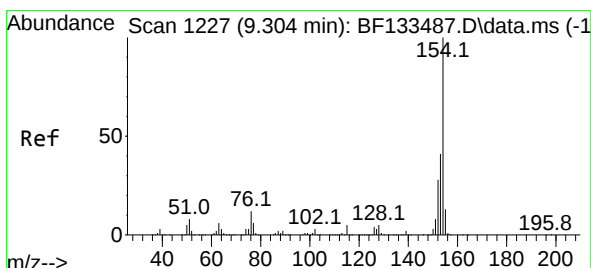
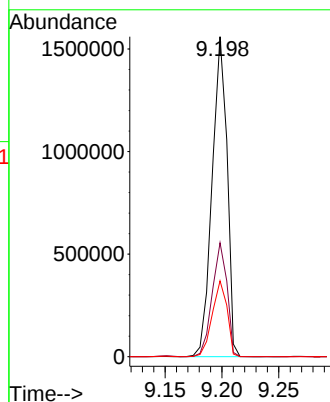
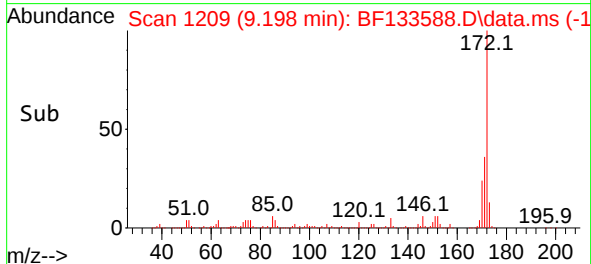


Tgt Ion:172 Resp: 1424729
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 19.3 28.9

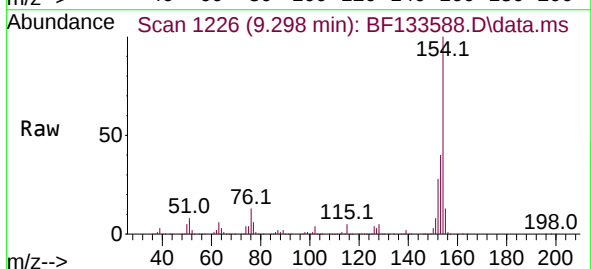
Manual Integrations

APPROVED

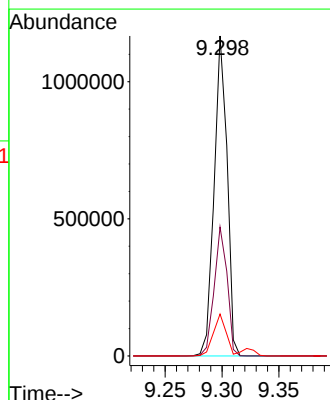
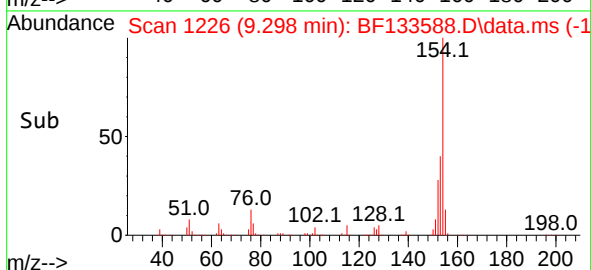
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

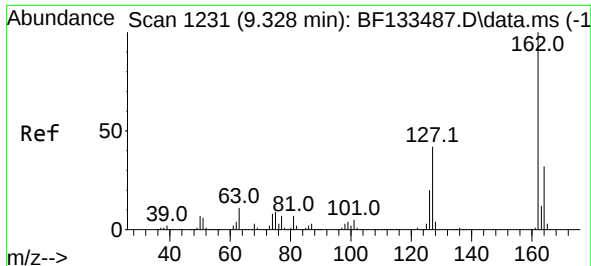


#46
1,1'-Biphenyl
Concen: 53.140 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:154 Resp: 925532
Ion Ratio Lower Upper
154 100
153 40.3 21.0 61.0
76 13.1 0.0 32.5





#47
2-Chloronaphthalene
Concen: 54.352 ng
RT: 9.322 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

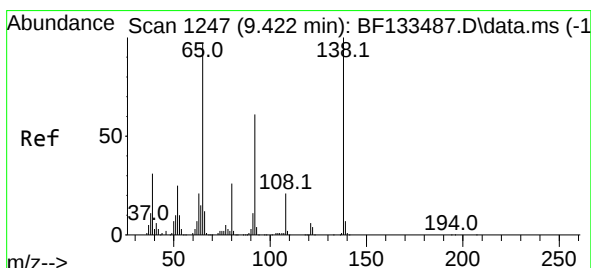
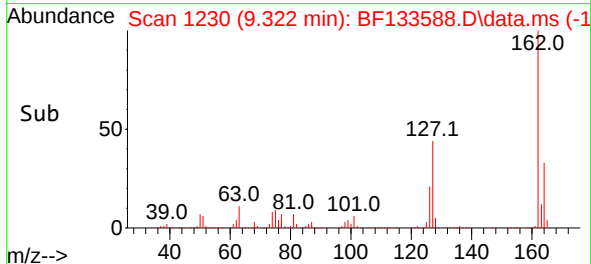
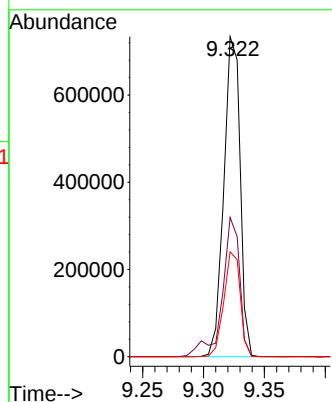
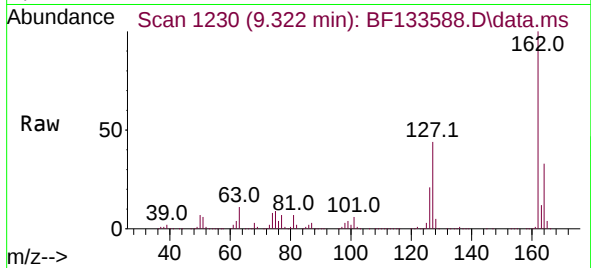
ClientSampleId :

PB153153BS

Tgt Ion:162 Resp: 686069
Ion Ratio Lower Upper
162 100
127 43.5 33.2 49.8
164 32.7 26.0 39.0

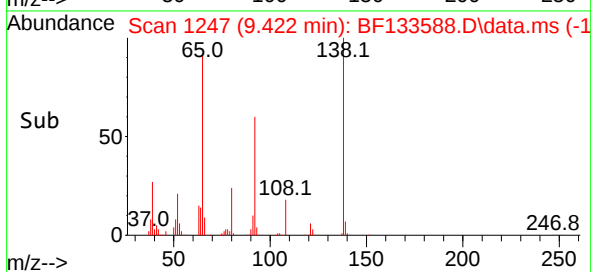
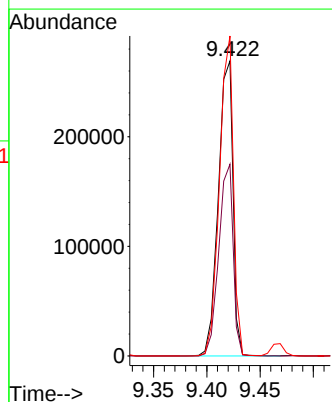
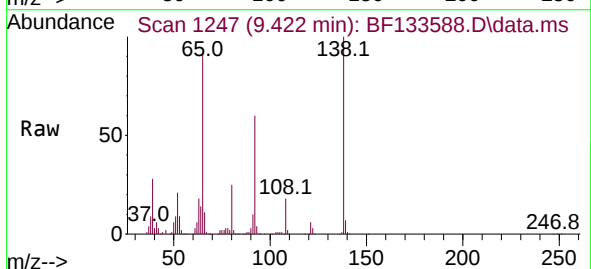
Manual Integrations
APPROVED

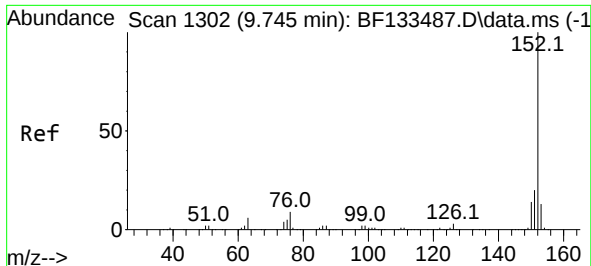
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#48
2-Nitroaniline
Concen: 62.137 ng
RT: 9.422 min Scan# 1247
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion: 65 Resp: 257017
Ion Ratio Lower Upper
65 100
92 64.9 50.8 76.2
138 108.4 82.6 124.0





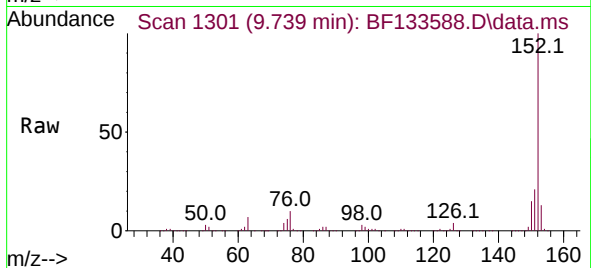
#49
Acenaphthylene
Concen: 53.124 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

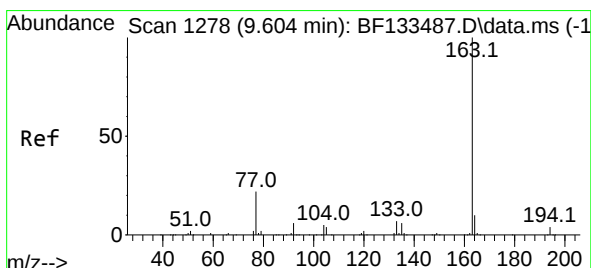
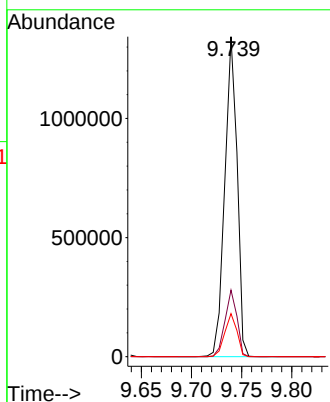
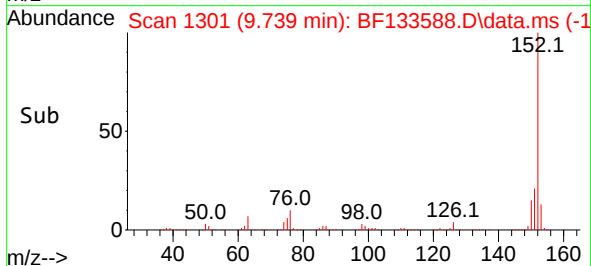


Tgt Ion:152 Resp: 1144339
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 13.5 10.4 15.6

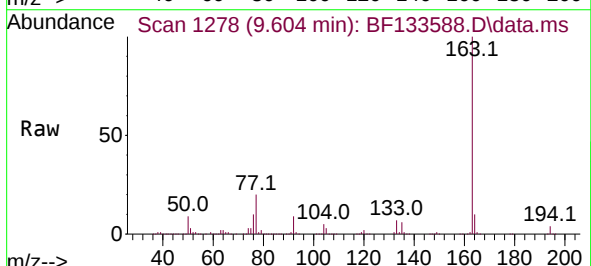
Manual Integrations

APPROVED

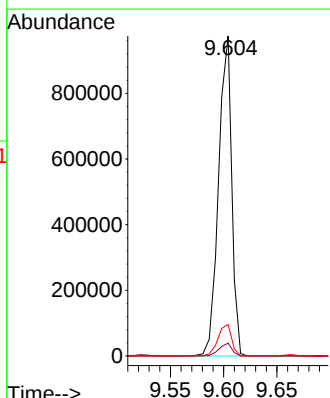
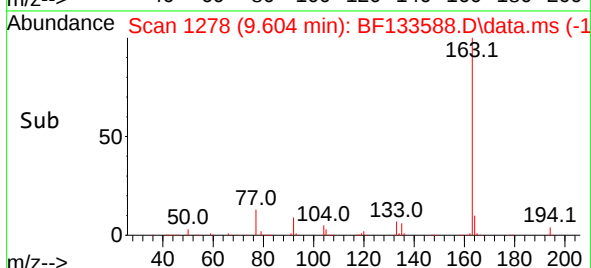
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

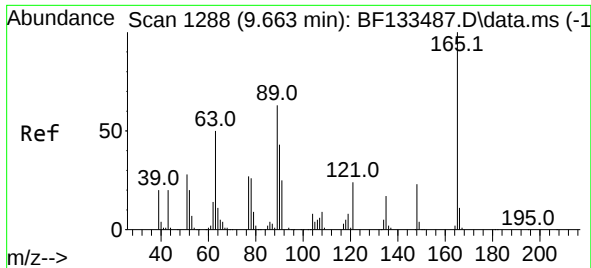


#50
Dimethylphthalate
Concen: 55.366 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



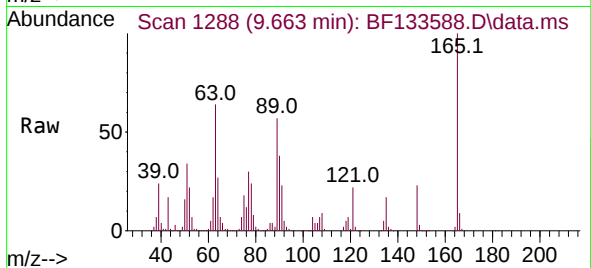
Tgt Ion:163 Resp: 834204
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 63.105 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

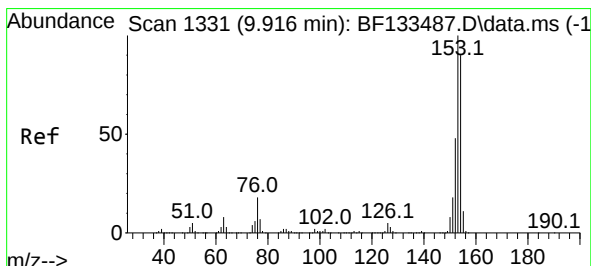
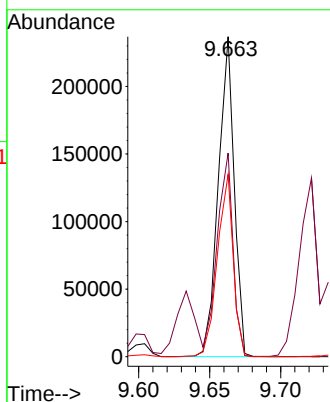
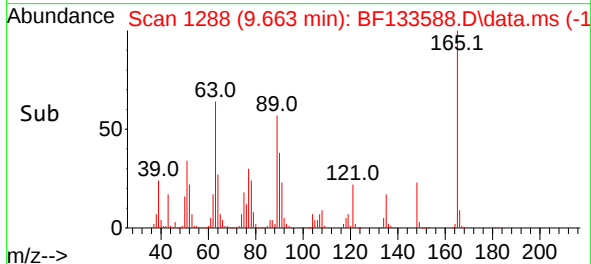
Instrument :
BNA_F
ClientSampleId :
PB153153BS



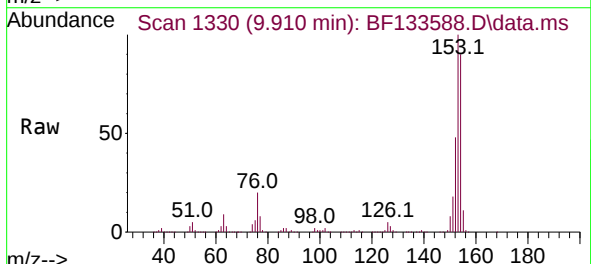
Tgt Ion:165 Resp: 184374
Ion Ratio Lower Upper
165 100
63 63.6 57.0 85.4
89 57.0 50.8 76.2

Manual Integrations
APPROVED

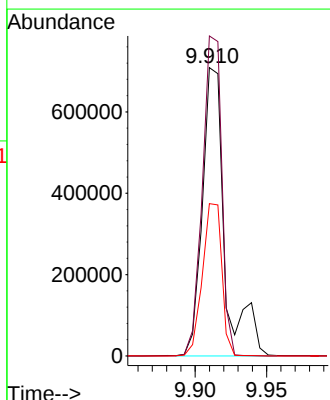
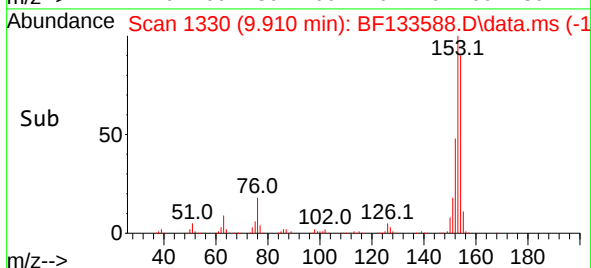
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

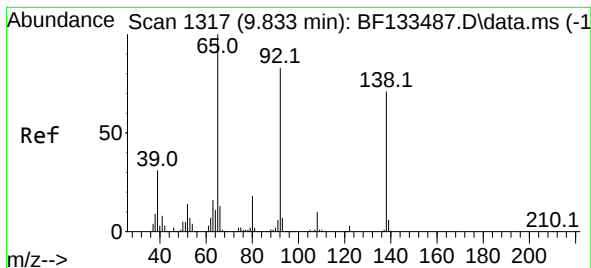


#52
Acenaphthene
Concen: 59.641 ng m
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:154 Resp: 778229
Ion Ratio Lower Upper
154 100
153 111.0 89.2 133.8
152 52.8 43.1 64.7





#53

3-Nitroaniline

Concen: 53.575 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

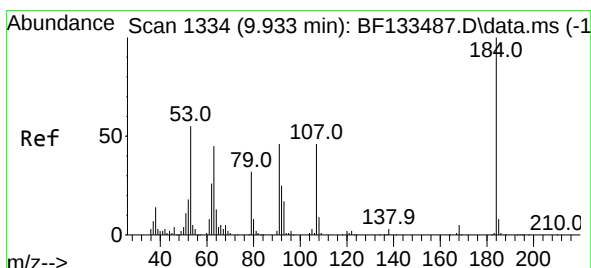
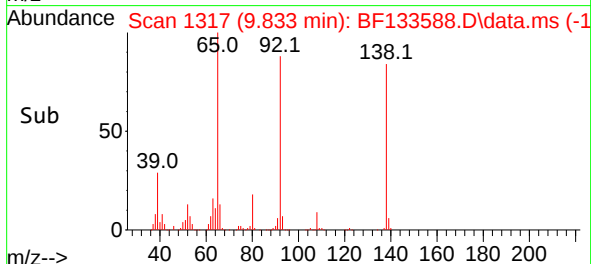
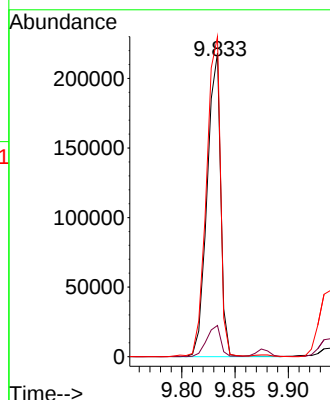
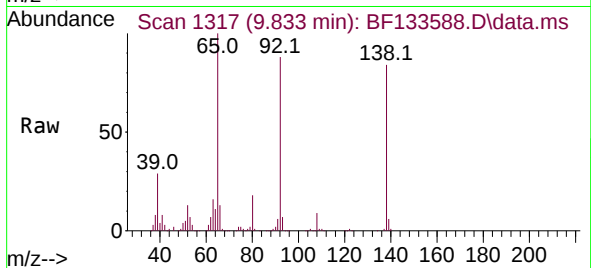
Tgt Ion:138 Resp: 193828
 Ion Ratio Lower Upper
 138 100
 108 10.3 11.9 17.9
 92 105.4 93.1 139.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#54

2,4-Dinitrophenol

Concen: 109.651 ng

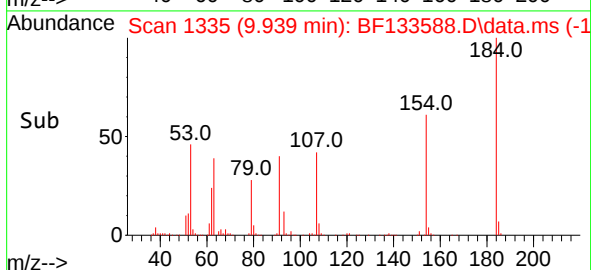
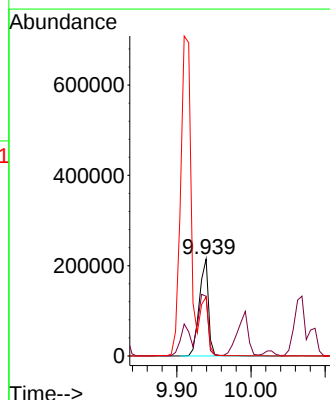
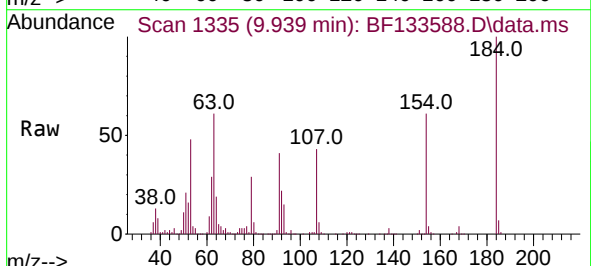
RT: 9.939 min Scan# 1335

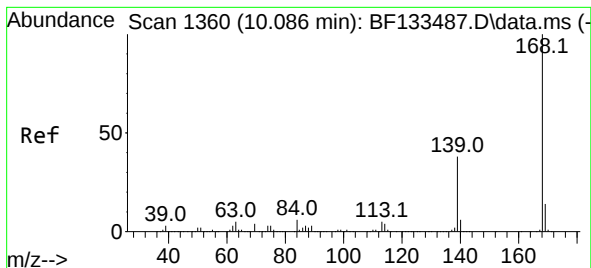
Delta R.T. 0.006 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Tgt Ion:184 Resp: 184323
 Ion Ratio Lower Upper
 184 100
 63 61.5 55.7 83.5
 154 60.9 49.3 73.9





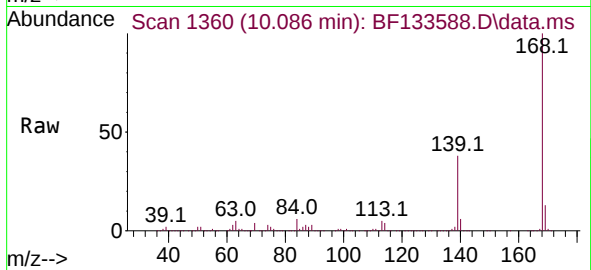
#55
Dibenzofuran
Concen: 52.355 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS



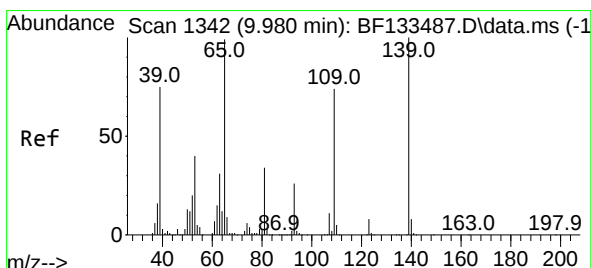
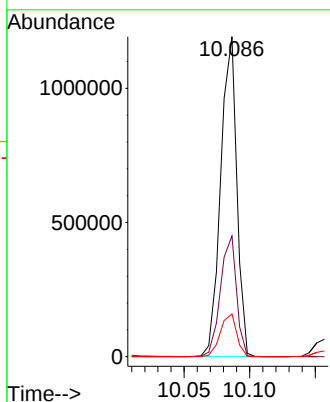
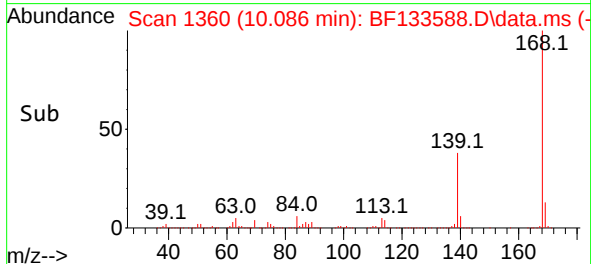
Tgt Ion:168 Resp: 1016378
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 13.3 10.9 16.3

Manual Integrations

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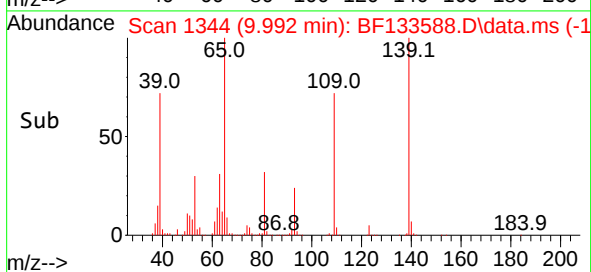
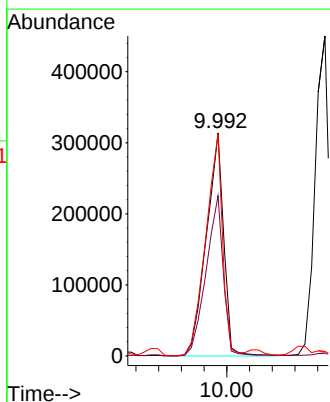
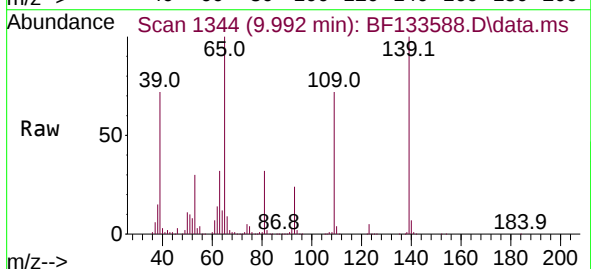
Reviewed By :Yogesh Patel 06/07/2023

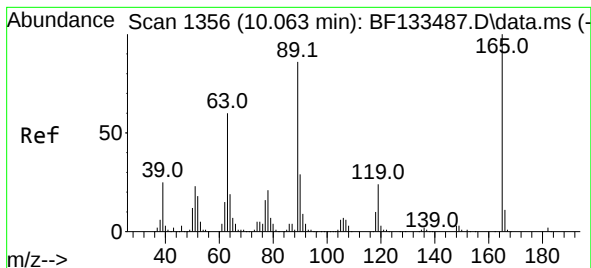
Supervised By :mohammad ahmed 06/08/2023



#56
4-Nitrophenol
Concen: 129.243 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:139 Resp: 333164
Ion Ratio Lower Upper
139 100
109 71.8 54.5 94.5
65 99.7 79.5 119.5





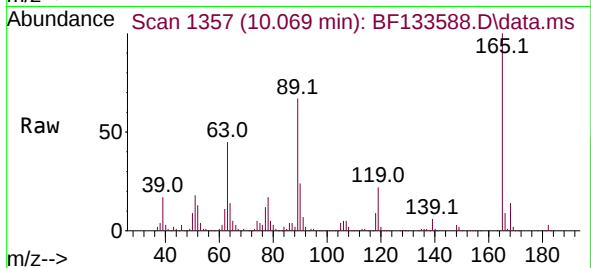
#57
2,4-Dinitrotoluene
Concen: 66.335 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS



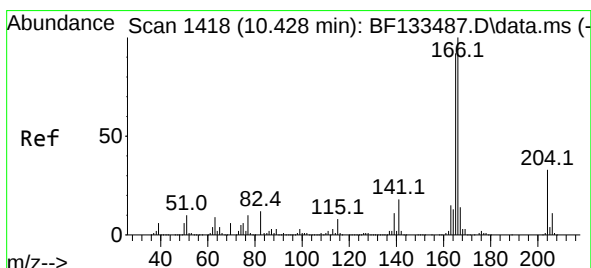
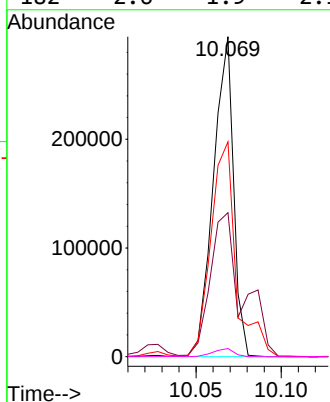
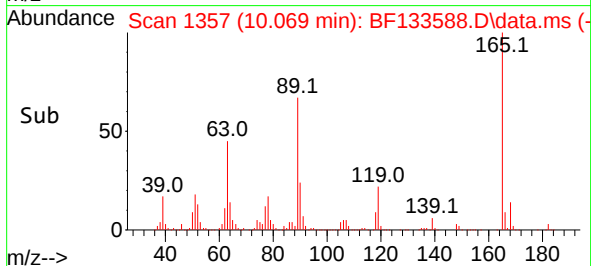
Tgt Ion:165 Resp: 243009
Ion Ratio Lower Upper
165 100
63 45.0 48.1 72.1
89 67.2 68.4 102.6
182 2.6 1.9 2.9

Manual Integrations

APPROVED

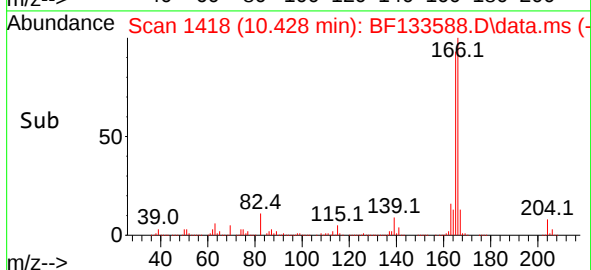
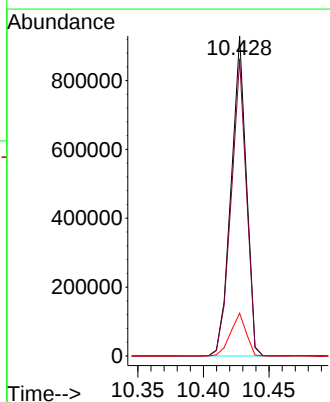
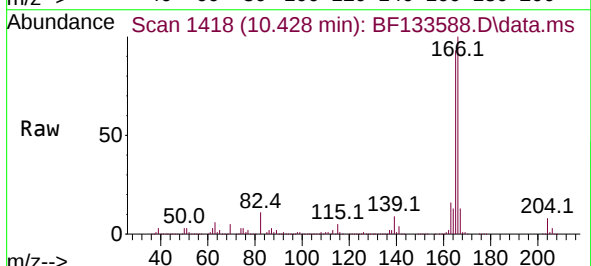
Reviewed By :Yogesh Patel 06/07/2023

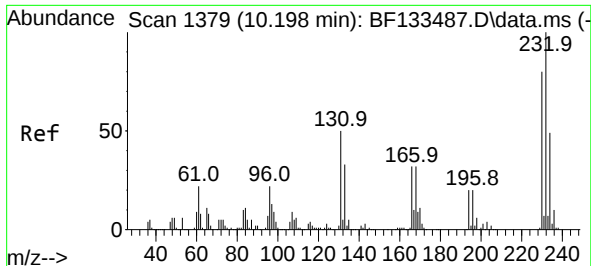
Supervised By :mohammad ahmed 06/08/2023



#58
Fluorene
Concen: 52.871 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

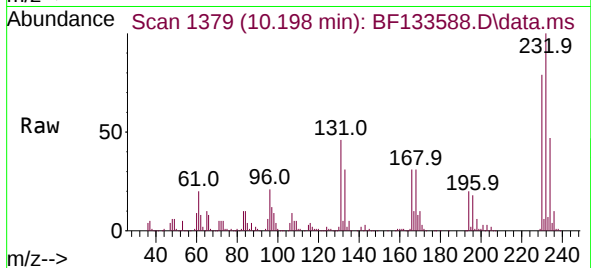
Tgt Ion:166 Resp: 752001
Ion Ratio Lower Upper
166 100
165 92.8 73.4 110.0
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.710 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

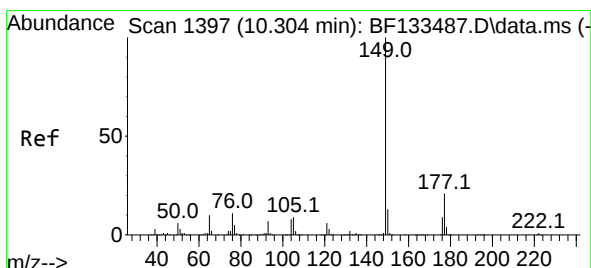
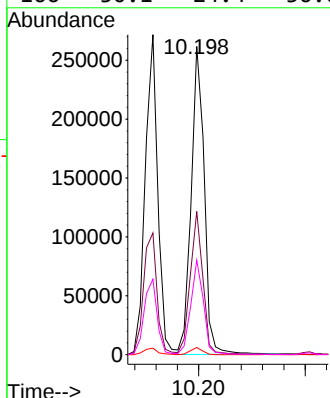
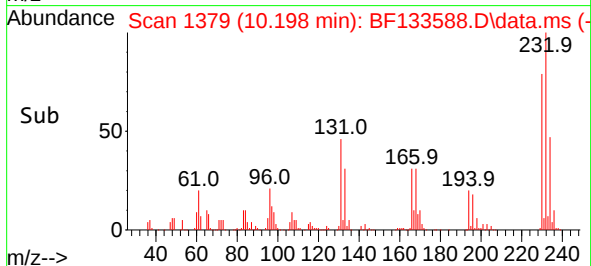
Instrument :
BNA_F
ClientSampleId :
PB153153BS



Tgt Ion:232 Resp: 222879
Ion Ratio Lower Upper
232 100
131 45.0 37.9 56.9
130 2.1 1.8 2.6
166 30.1 24.4 36.6

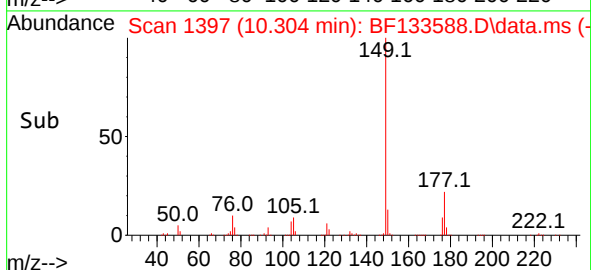
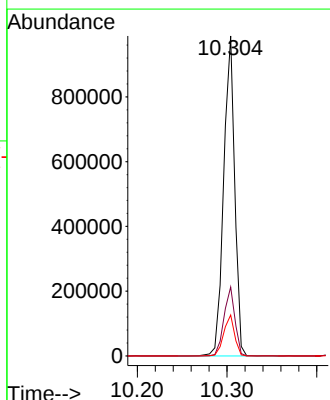
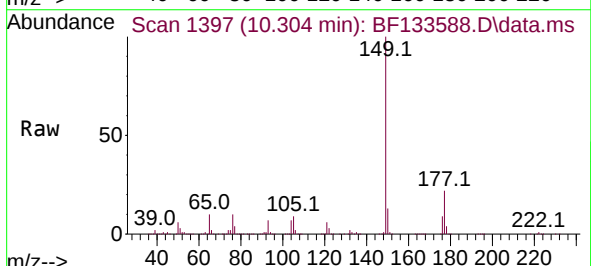
Manual Integrations
APPROVED

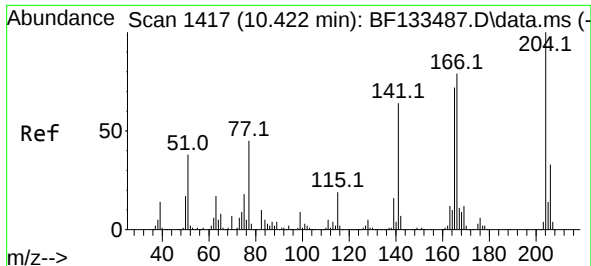
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#60
Diethylphthalate
Concen: 53.865 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:149 Resp: 842505
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.8 10.2 15.2





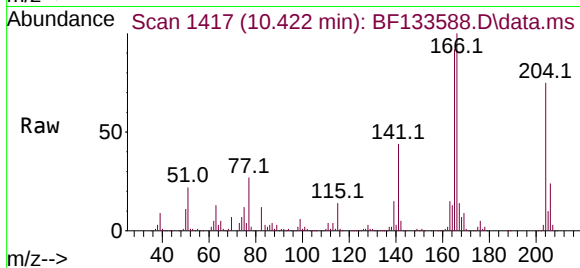
#61
4-Chlorophenyl-phenylether
Concen: 52.660 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

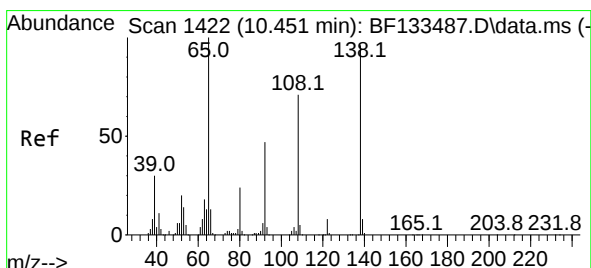
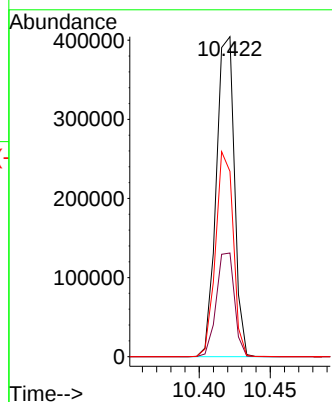
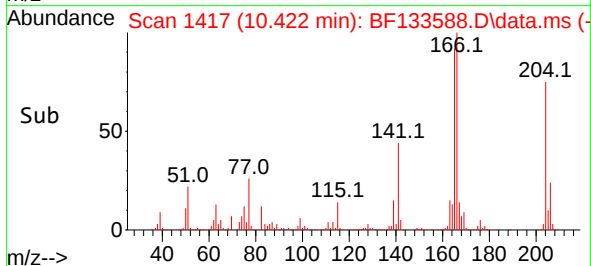
PB153153BS



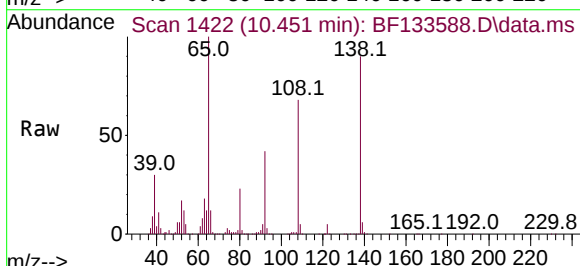
Tgt Ion:204 Resp: 359639
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 57.9 51.4 77.2

Manual Integrations
APPROVED

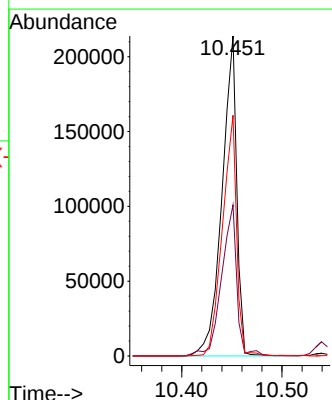
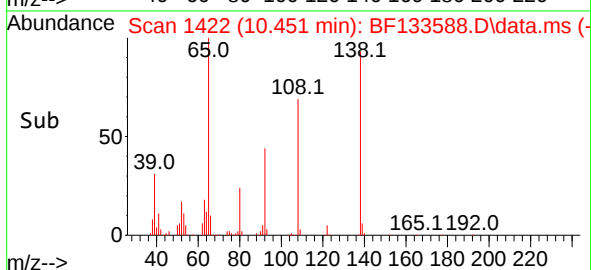
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

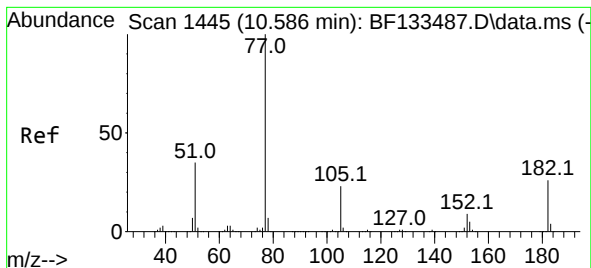


#62
4-Nitroaniline
Concen: 59.448 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:138 Resp: 217884
Ion Ratio Lower Upper
138 100
92 47.2 28.4 68.4
108 75.2 54.2 94.2





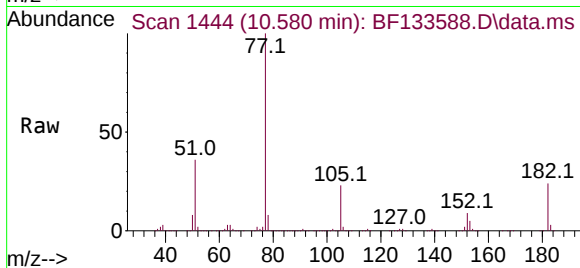
#63
Azobenzene
Concen: 51.206 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

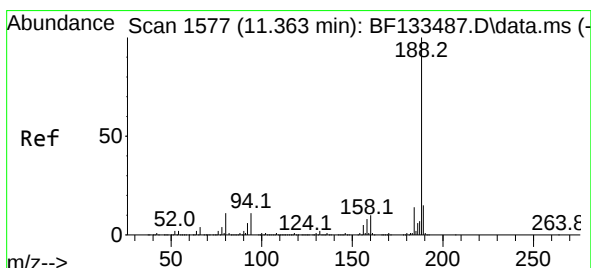
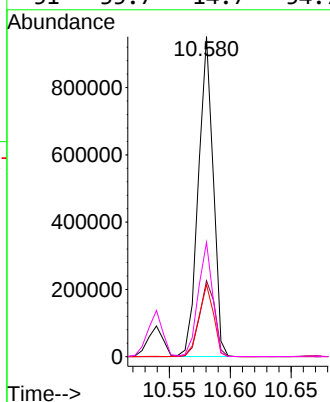
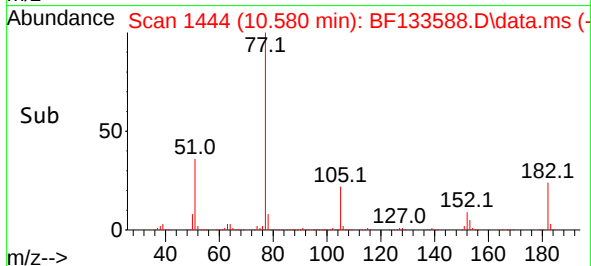


Tgt Ion: 77 Resp: 80171
Ion Ratio Lower Upper
77 100
182 23.7 5.6 45.6
105 22.5 2.6 42.6
51 35.7 14.7 54.7

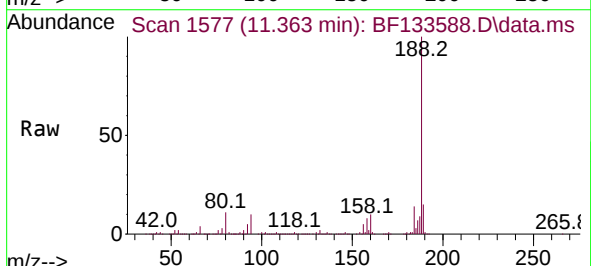
Manual Integrations

APPROVED

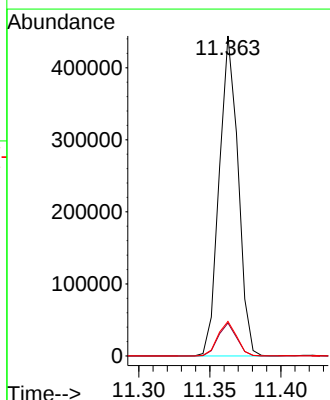
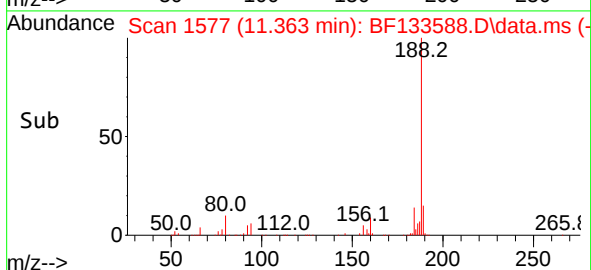
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

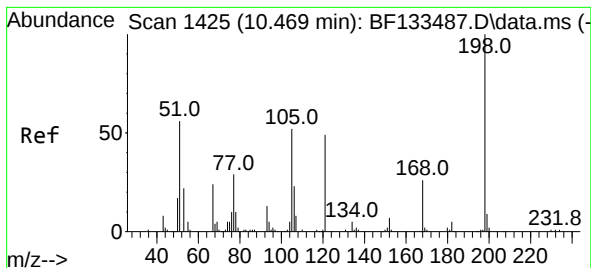


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:188 Resp: 410096
Ion Ratio Lower Upper
188 100
94 10.3 8.6 12.8
80 10.8 9.2 13.8





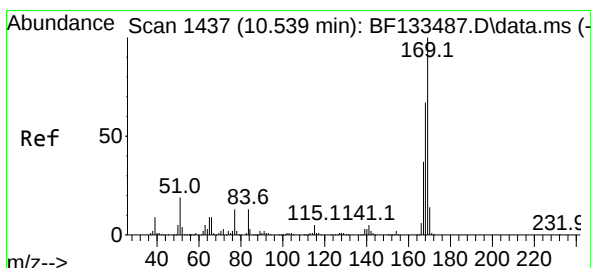
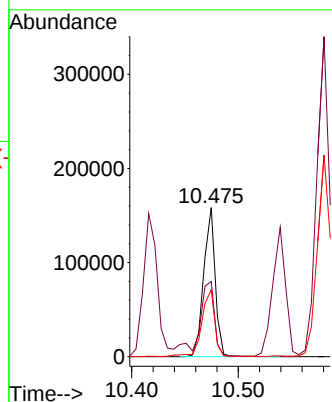
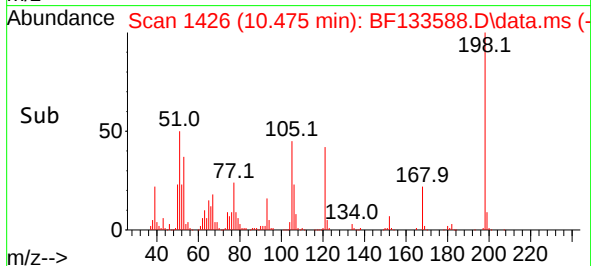
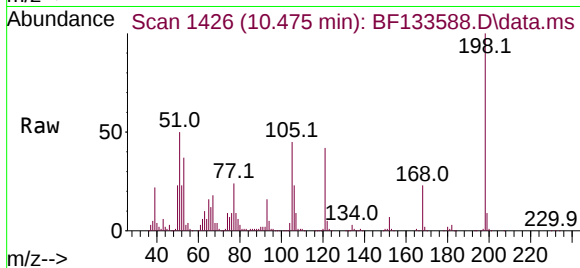
#65
4,6-Dinitro-2-methylphenol
Concen: 67.115 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB153153BS

Tgt Ion:198 Resp: 119662
Ion Ratio Lower Upper
198 100
51 50.4 53.6 93.6
105 44.7 35.9 75.9

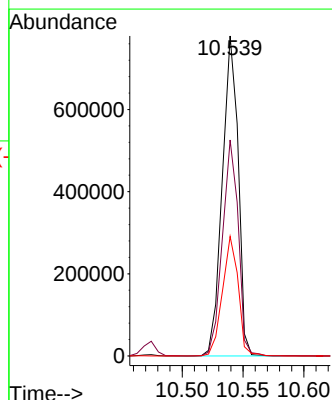
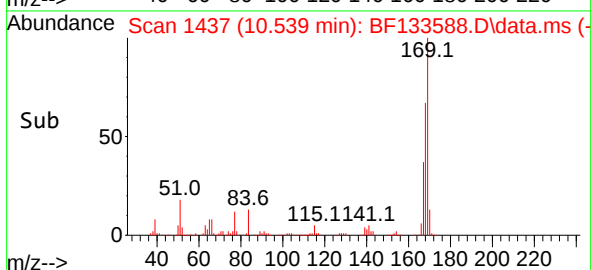
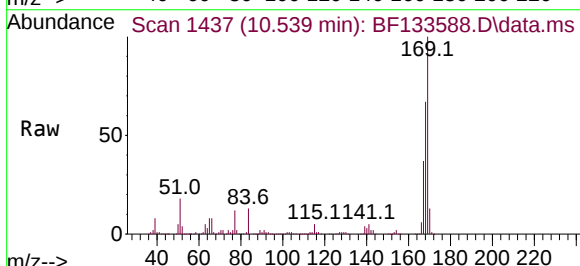
Manual Integrations
APPROVED

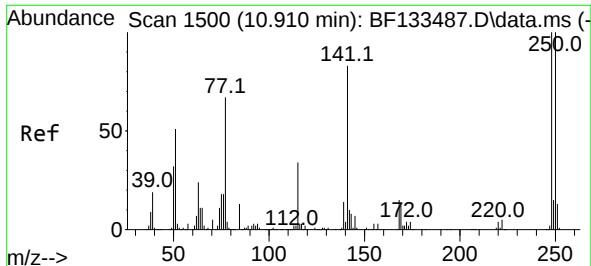
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#66
n-Nitrosodiphenylamine
Concen: 53.139 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:169 Resp: 707481
Ion Ratio Lower Upper
169 100
168 67.5 53.7 80.5
167 37.3 29.6 44.4





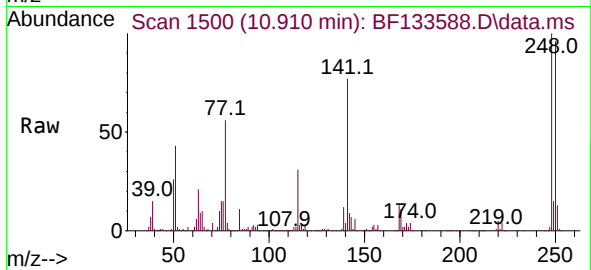
#67
4-Bromophenyl-phenylether
Concen: 53.831 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

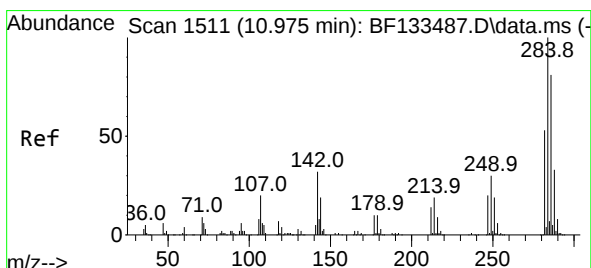
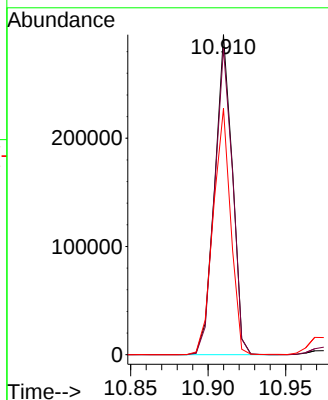
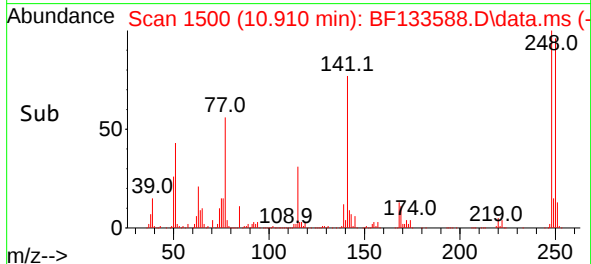


Tgt Ion:248 Resp: 23444
Ion Ratio Lower Upper
248 100
250 95.8 79.7 119.5
141 76.9 66.6 100.0

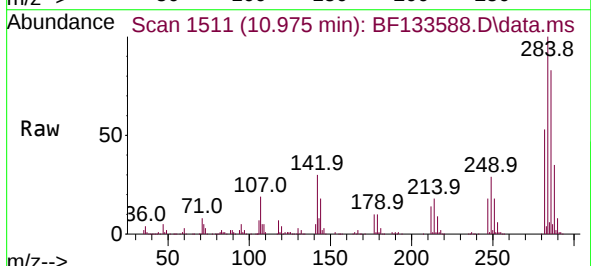
Manual Integrations

APPROVED

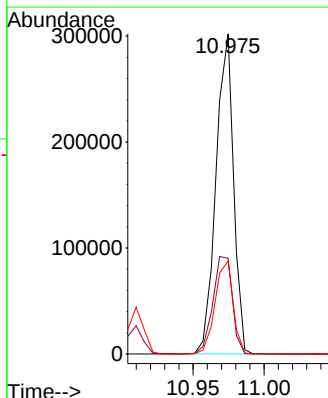
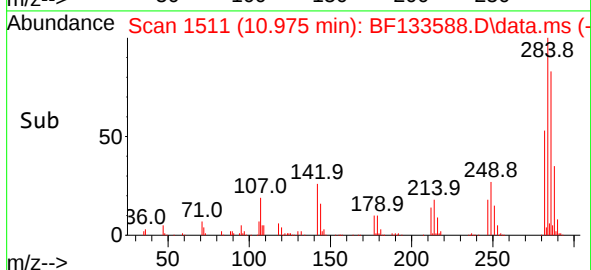
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

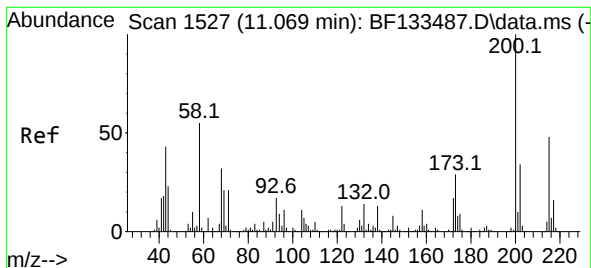


#68
Hexachlorobenzene
Concen: 56.928 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:284 Resp: 259272
Ion Ratio Lower Upper
284 100
142 29.9 25.8 38.6
249 29.0 24.4 36.6





#69

Atrazine

Concen: 64.088 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

Tgt Ion:200 Resp: 234110

Ion Ratio Lower Upper

200 100

173 28.7 9.0 49.0

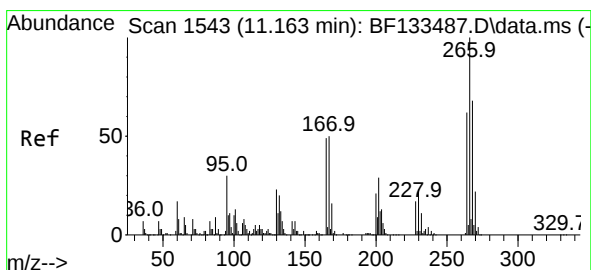
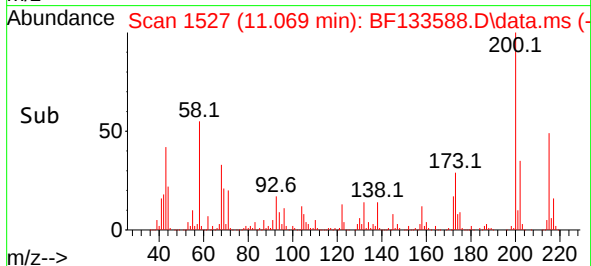
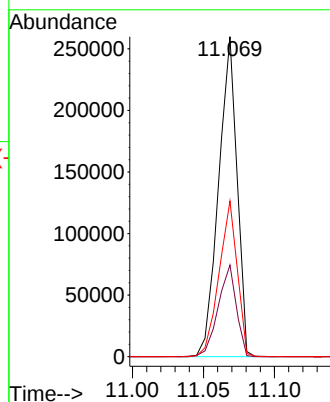
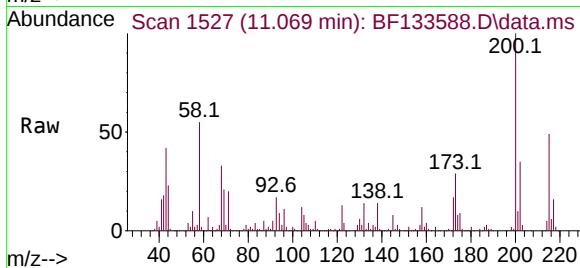
215 48.7 27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#70

Pentachlorophenol

Concen: 105.837 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

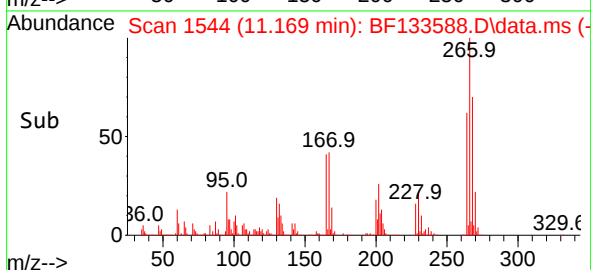
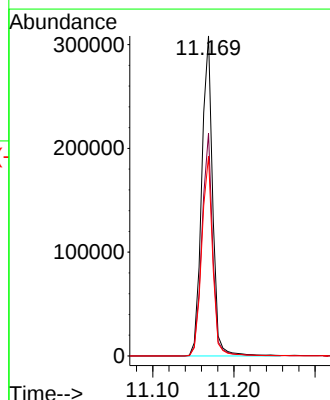
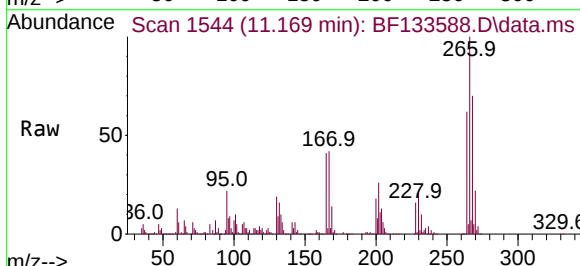
Tgt Ion:266 Resp: 288219

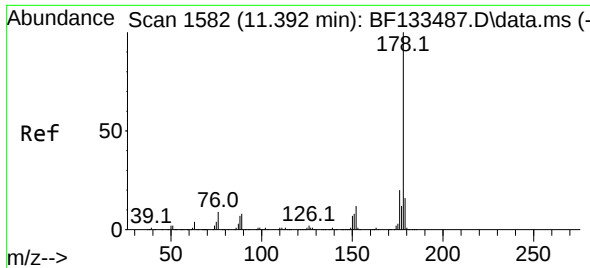
Ion Ratio Lower Upper

266 100

268 69.6 54.6 82.0

264 62.4 49.2 73.8





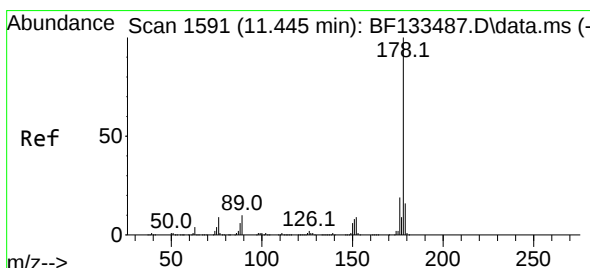
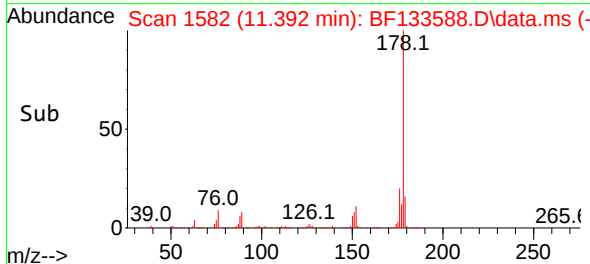
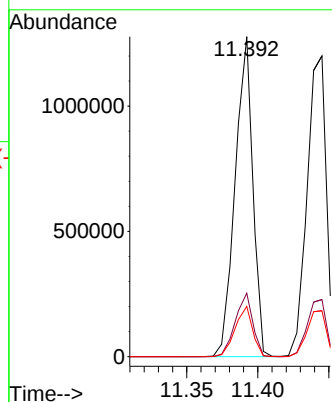
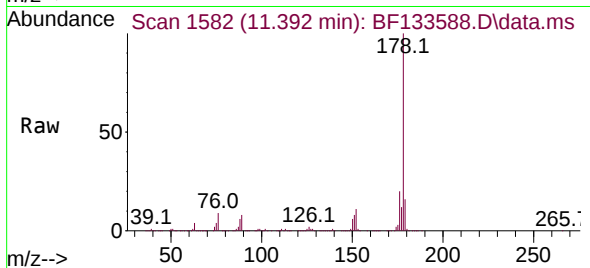
#71
Phenanthrene
Concen: 53.249 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB153153BS

Tgt Ion:178 Resp: 110603
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.7 12.4 18.6

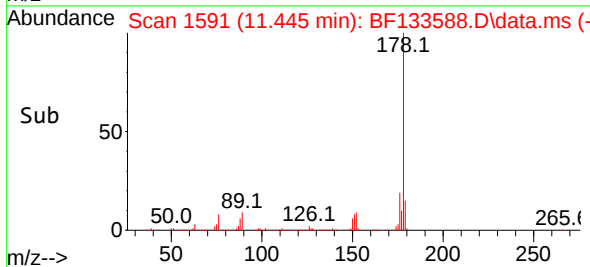
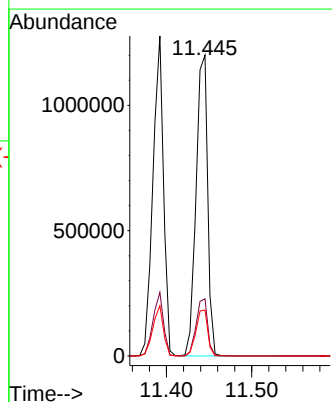
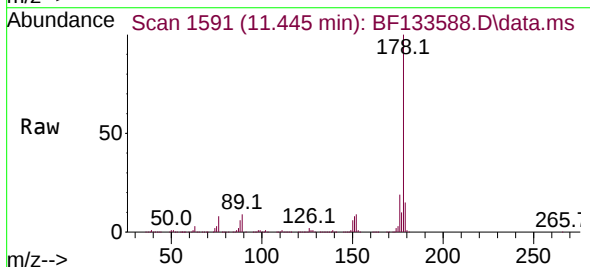
Manual Integrations
APPROVED

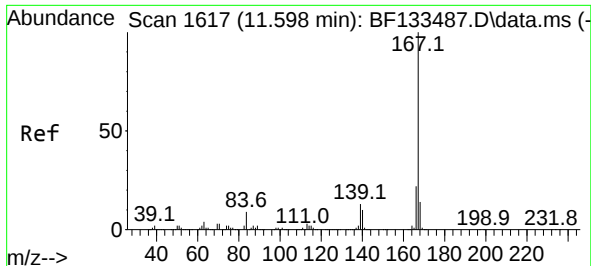
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#72
Anthracene
Concen: 53.103 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

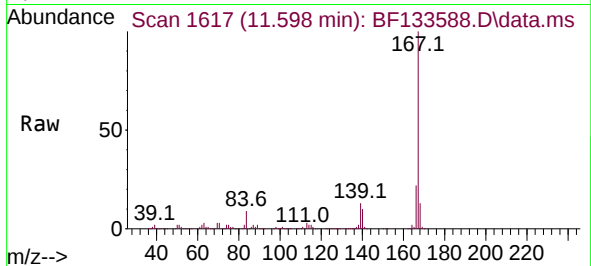
Tgt Ion:178 Resp: 1135207
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 54.238 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133588.D
 Acq: 06 Jun 2023 13:19

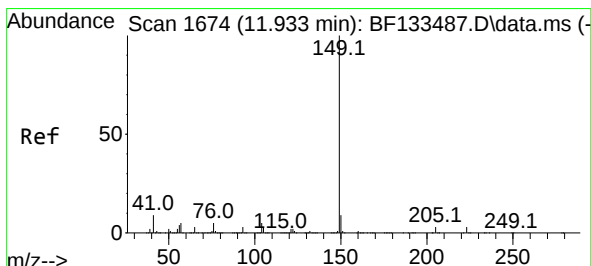
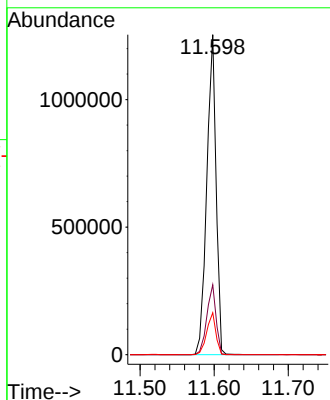
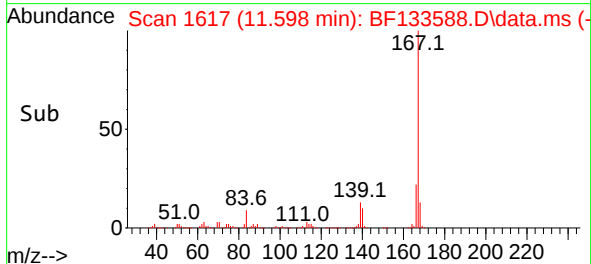
Instrument :
 BNA_F
 ClientSampleId :
 PB153153BS



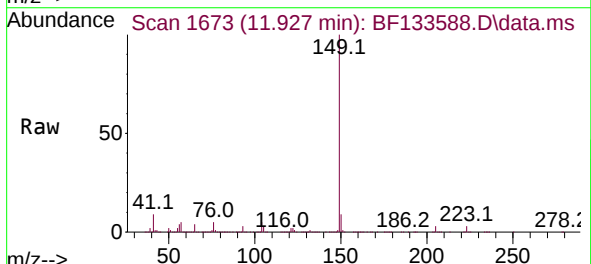
Tgt Ion:167 Resp: 1096514
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.1 10.7 16.1

Manual Integrations
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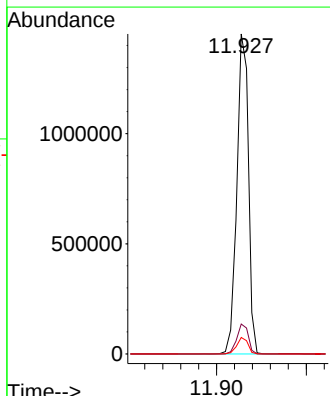
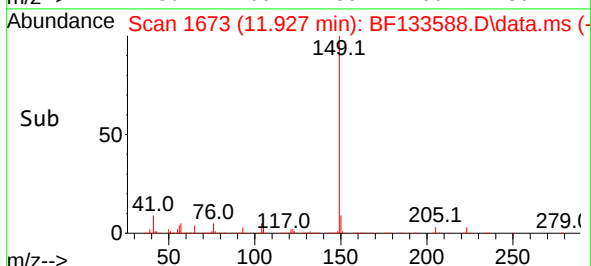
Reviewed By :Yogesh Patel 06/07/2023
 Supervised By :mohammad ahmed 06/08/2023

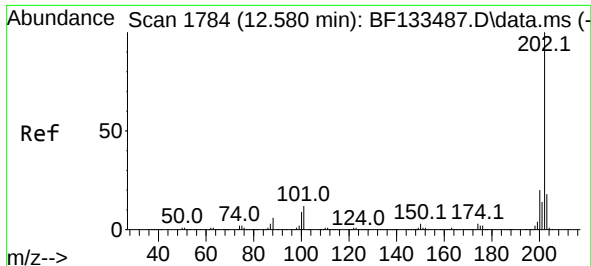


#74
 Di-n-butylphthalate
 Concen: 54.264 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF133588.D
 Acq: 06 Jun 2023 13:19



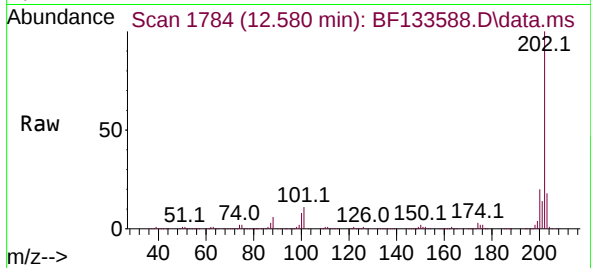
Tgt Ion:149 Resp: 1297215
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 52.114 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

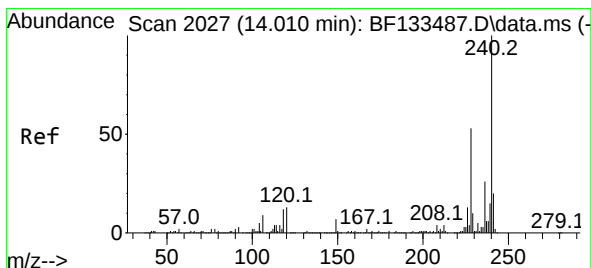
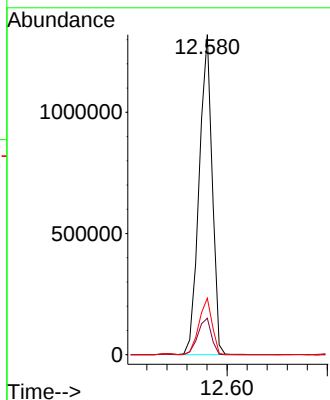
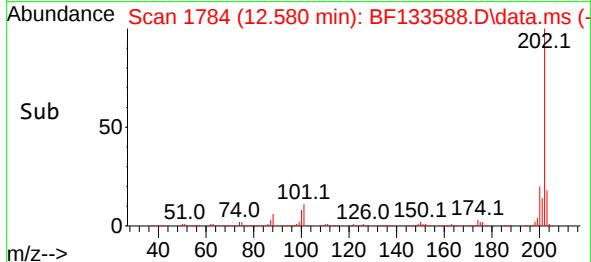
Instrument :
BNA_F
ClientSampleId :
PB153153BS



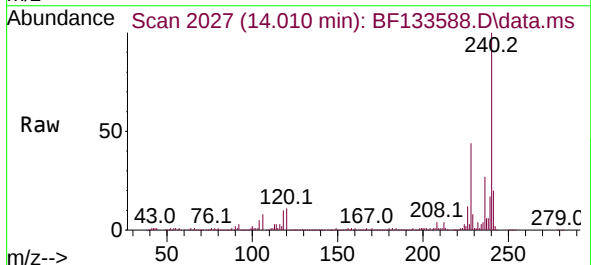
Tgt Ion:202 Resp: 119565
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 17.7 0.0 37.8

Manual Integrations
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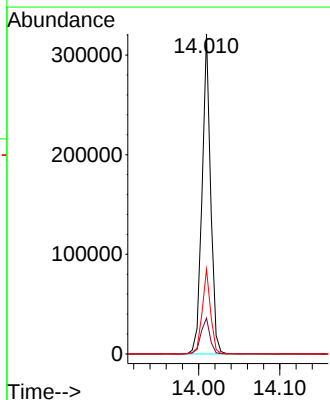
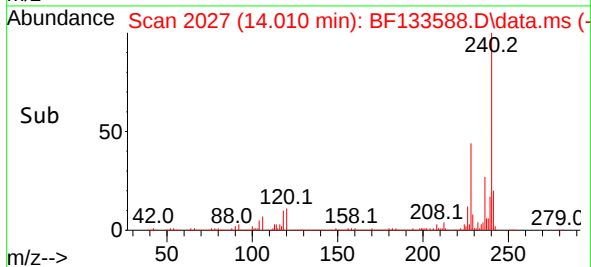
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

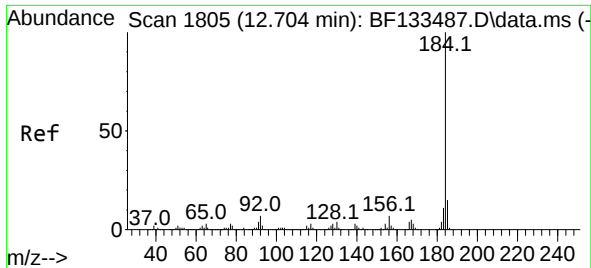


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



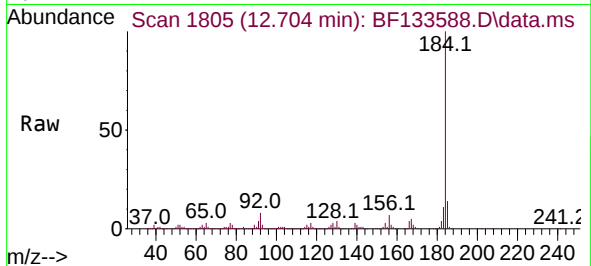
Tgt Ion:240 Resp: 234050
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 26.5 20.5 30.7





#77
Benzidine
Concen: 88.082 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

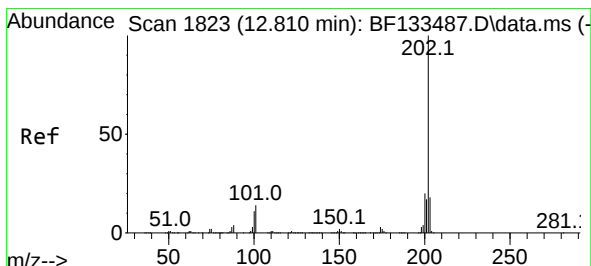
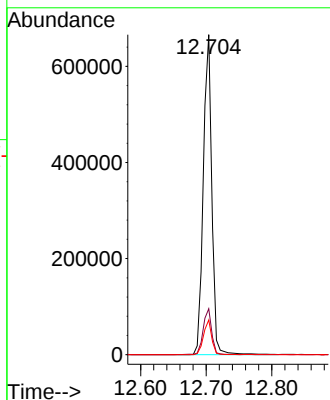
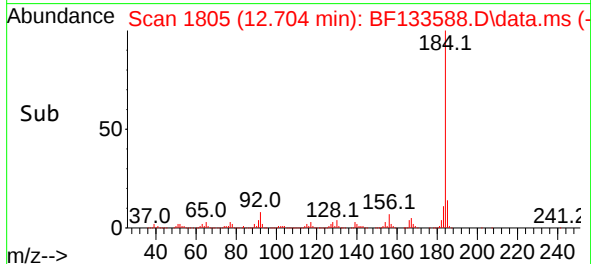
Instrument :
BNA_F
ClientSampleId :
PB153153BS



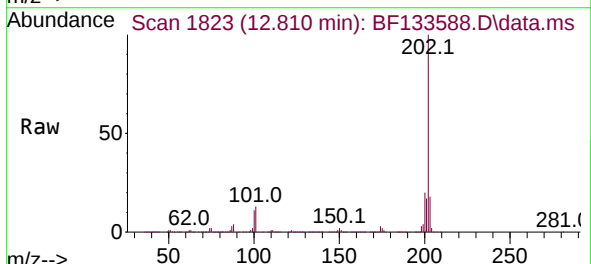
Tgt Ion:184 Resp: 602957
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 10.9 8.7 13.1

Manual Integrations
APPROVED

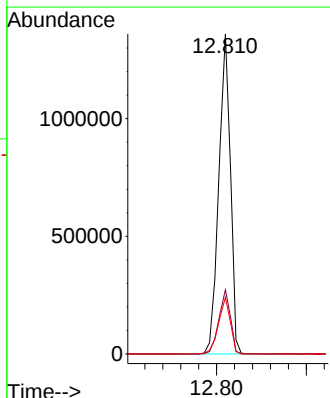
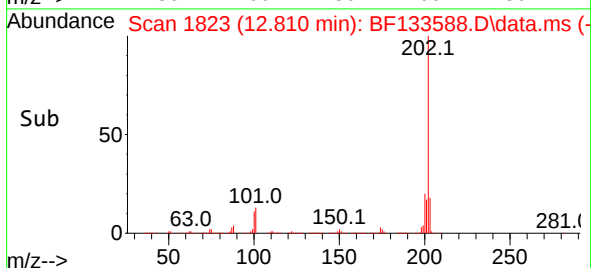
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

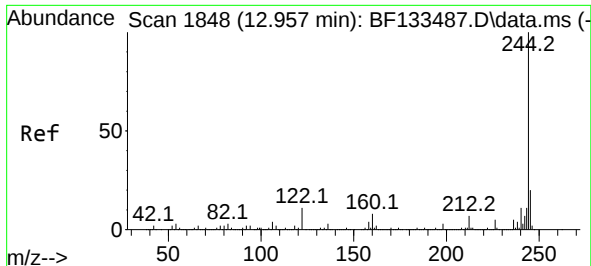


#78
Pyrene
Concen: 61.285 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:202 Resp: 1220597
Ion Ratio Lower Upper
202 100
200 20.0 16.3 24.5
203 17.7 14.3 21.5





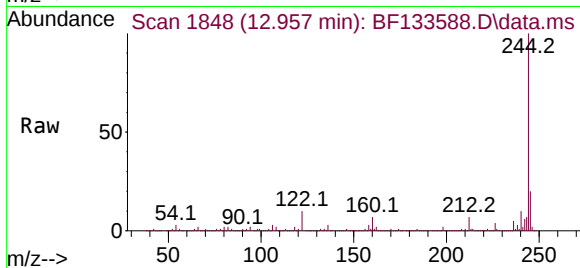
#79
 Terphenyl-d14
 Concen: 118.496 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133588.D
 Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

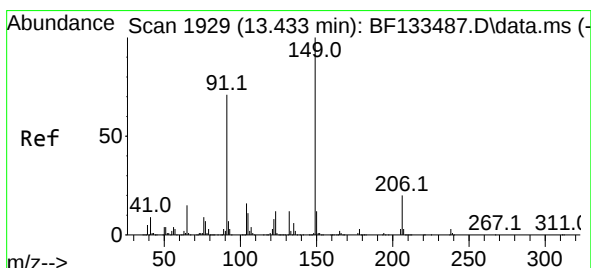
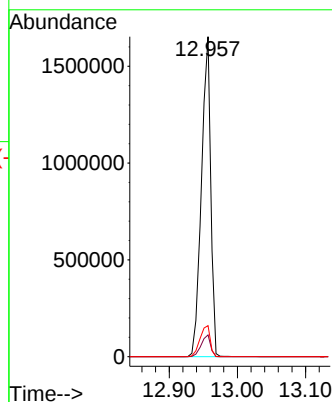
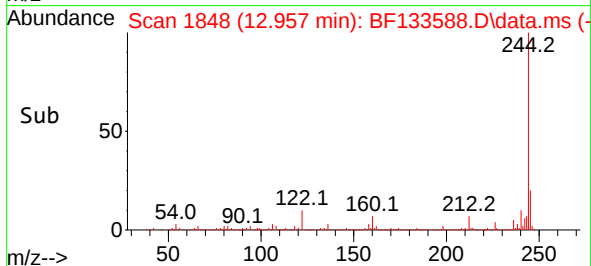


Tgt Ion:244 Resp: 155986
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.7 8.5 12.7

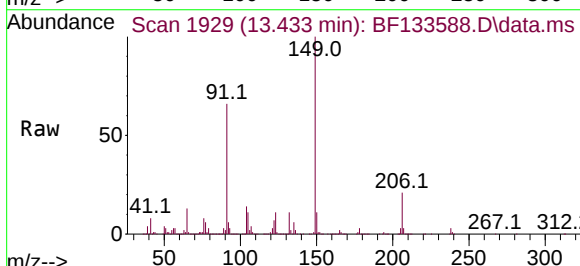
Manual Integrations

APPROVED

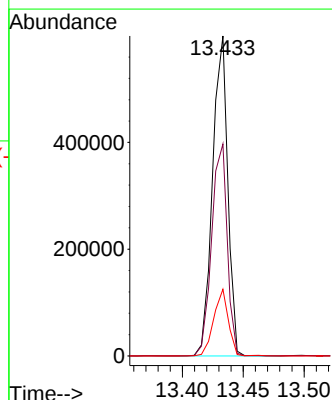
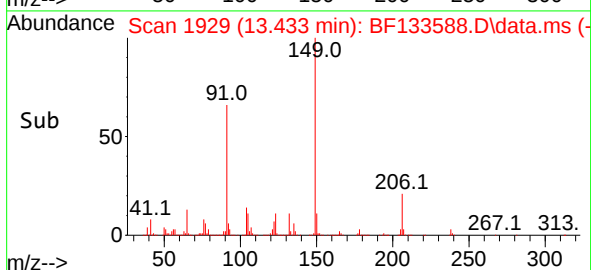
Reviewed By :Yogesh Patel 06/07/2023
 Supervised By :mohammad ahmed 06/08/2023

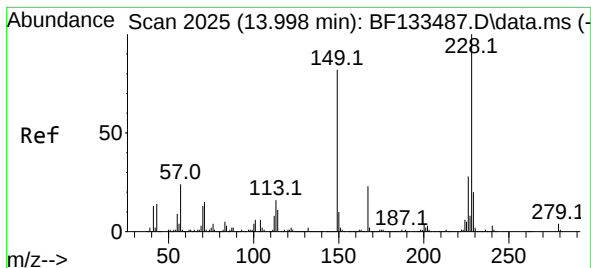


#80
 Butylbenzylphthalate
 Concen: 66.003 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF133588.D
 Acq: 06 Jun 2023 13:19



Tgt Ion:149 Resp: 520112
 Ion Ratio Lower Upper
 149 100
 91 66.3 56.9 85.3
 206 20.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 55.023 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

Tgt Ion:228 Resp: 85789

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

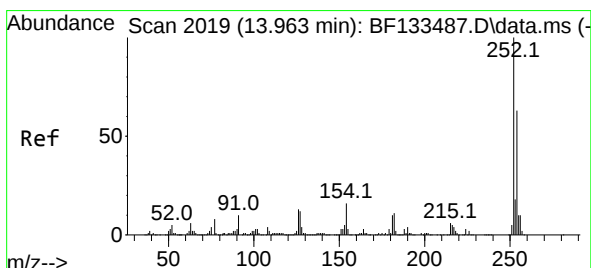
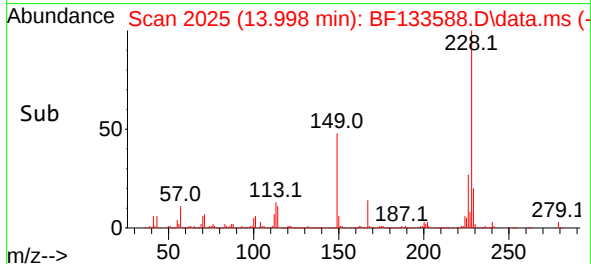
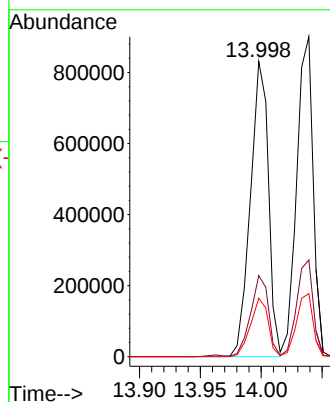
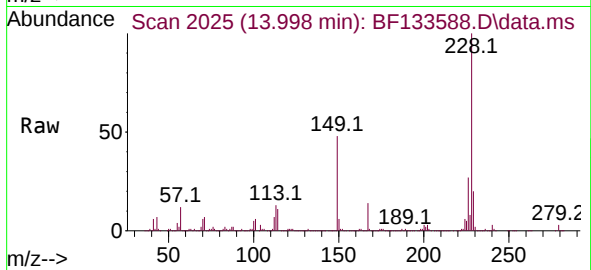
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 51.112 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

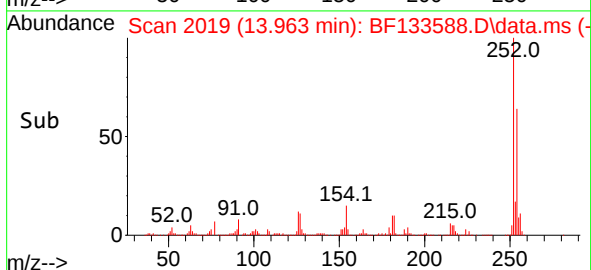
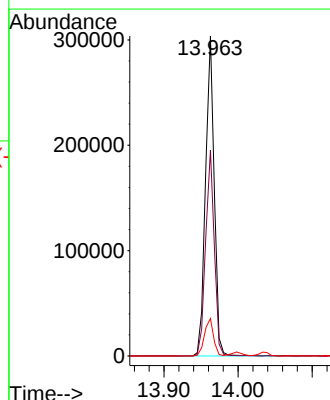
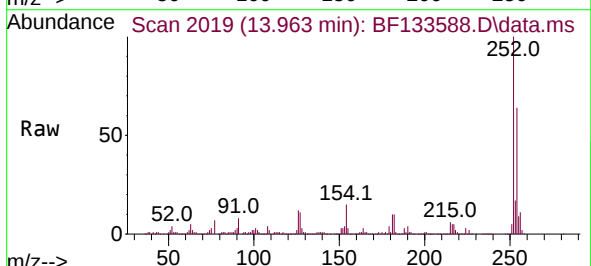
Tgt Ion:252 Resp: 249121

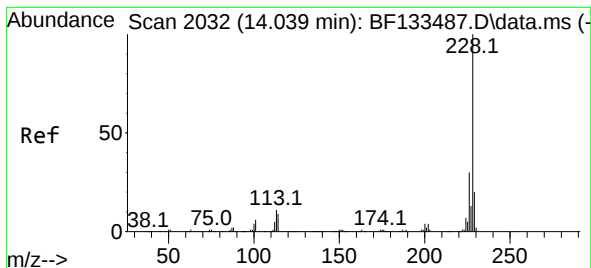
Ion Ratio Lower Upper

252 100

254 64.4 50.3 75.5

126 11.7 10.5 15.7





#83

Chrysene

Concen: 53.845 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

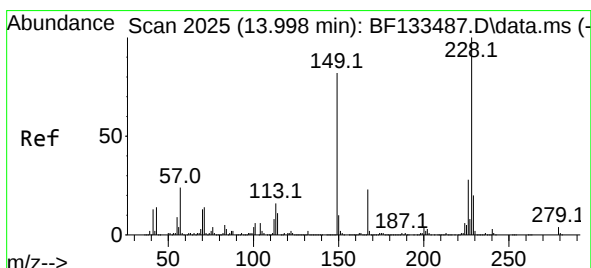
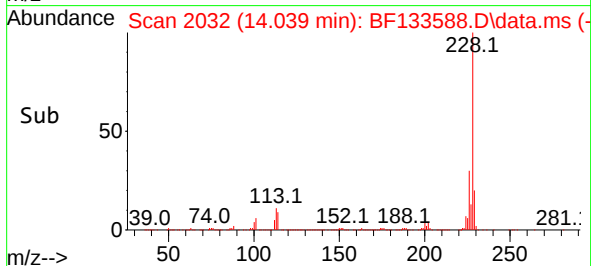
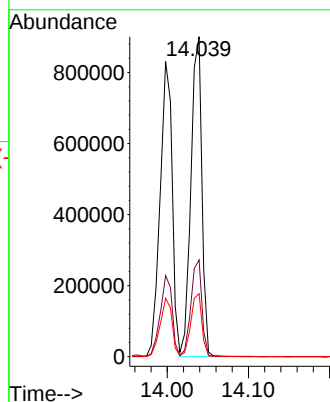
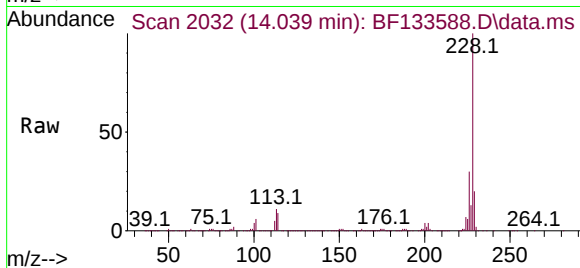
Tgt Ion:	228	Resp:	84751
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.1	36.1
229	19.7	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.725 ng

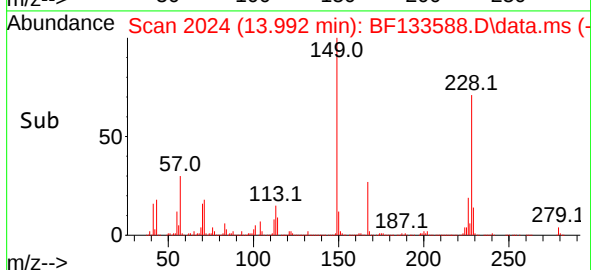
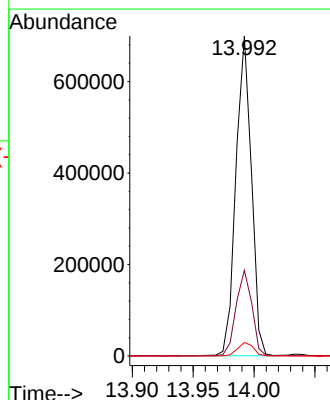
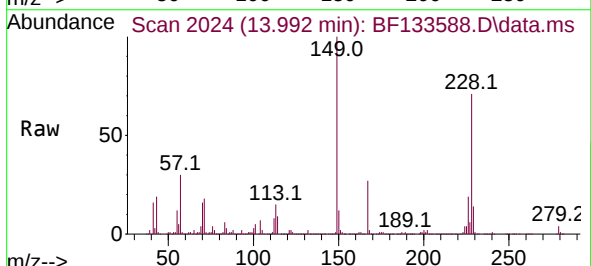
RT: 13.992 min Scan# 2024

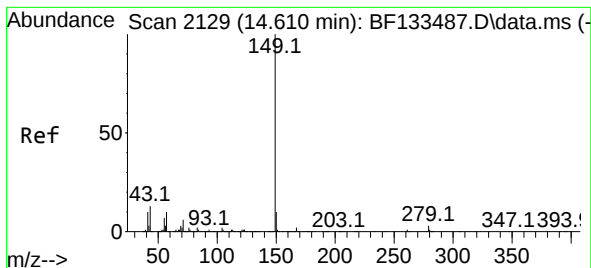
Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

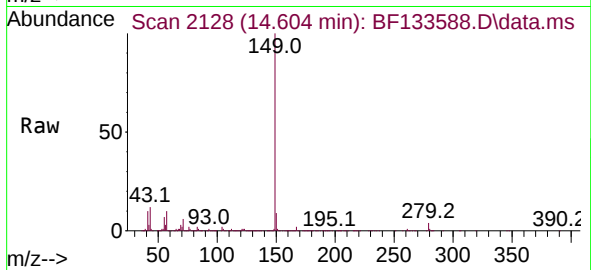
Tgt Ion:	149	Resp:	617837
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.0	33.0
279	4.2	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 59.127 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

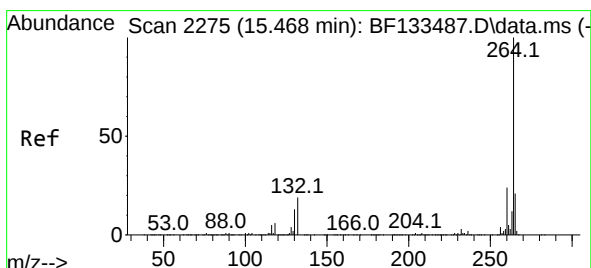
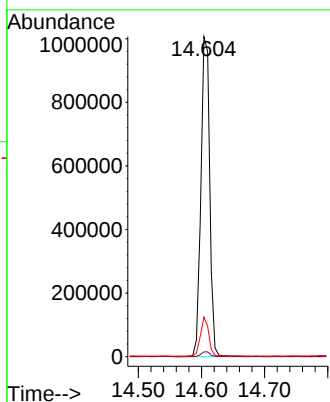
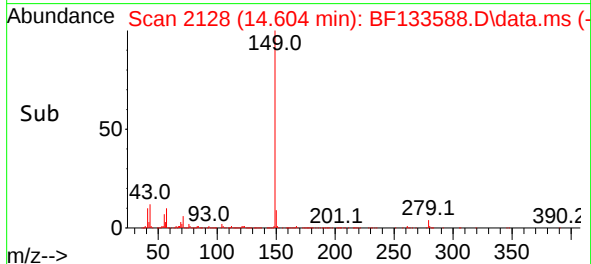
Instrument :
BNA_F
ClientSampleId :
PB153153BS



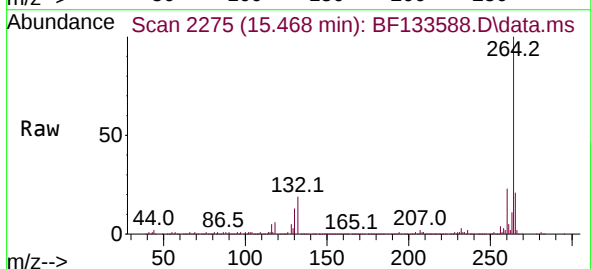
Tgt Ion:149 Resp: 970184
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 10.0 15.0

Manual Integrations
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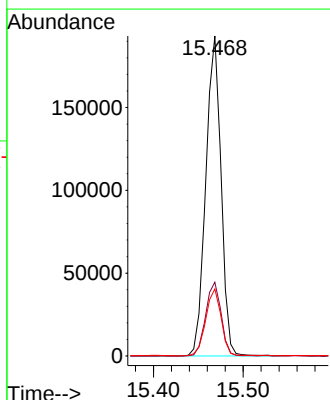
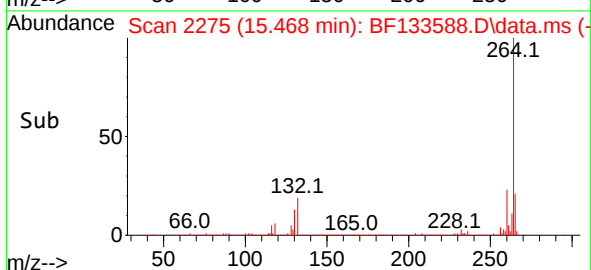
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

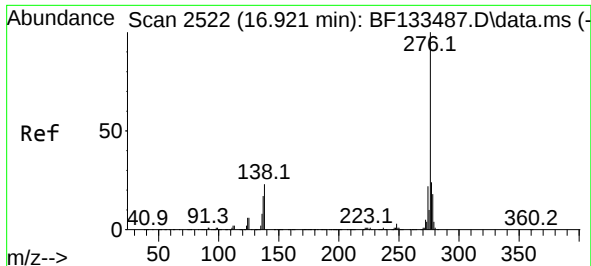


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19



Tgt Ion:264 Resp: 228000
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.0 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 62.839 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

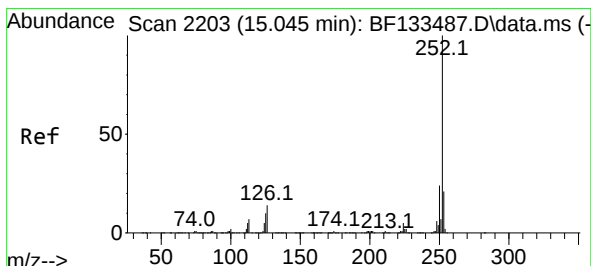
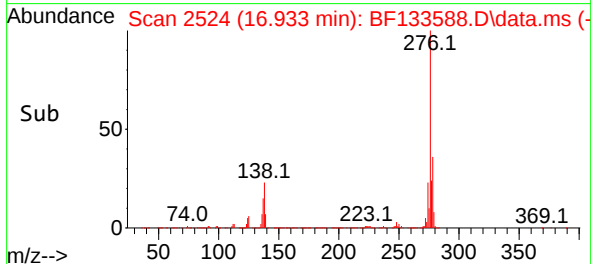
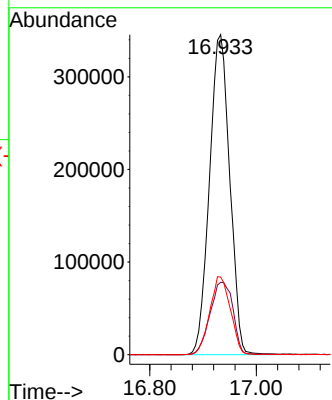
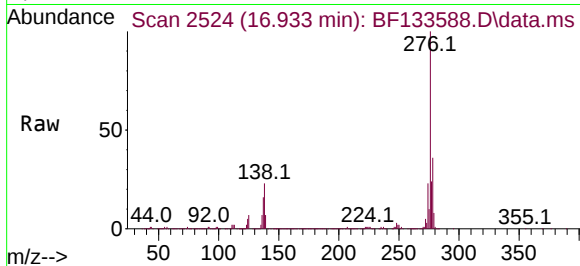
ClientSampleId :

PB153153BS

Tgt Ion:276 Resp: 91262
Ion Ratio Lower Upper
276 100
138 25.6 21.4 32.2
277 24.9 20.0 30.0

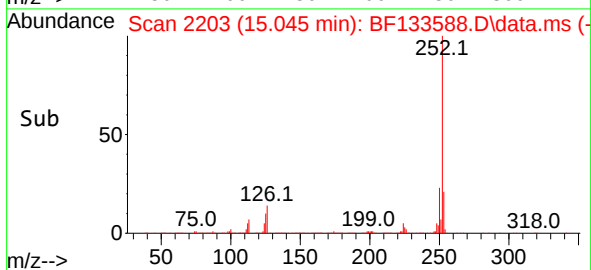
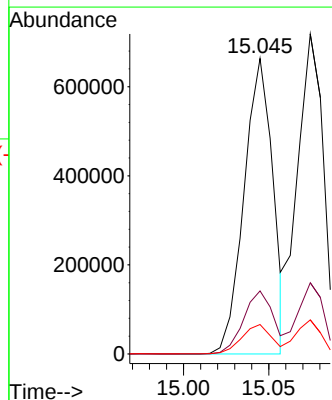
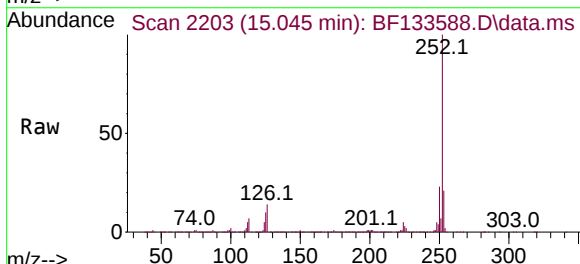
Manual Integrations
APPROVED

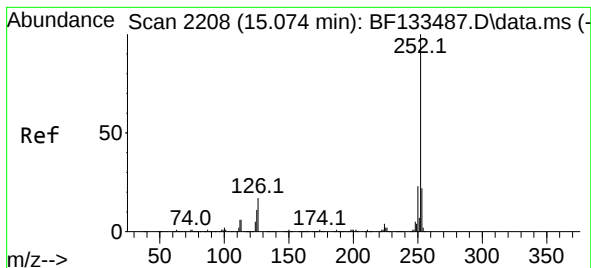
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#88
Benzo(b)fluoranthene
Concen: 52.620 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:252 Resp: 781239
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 52.774 ng

RT: 15.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB153153BS

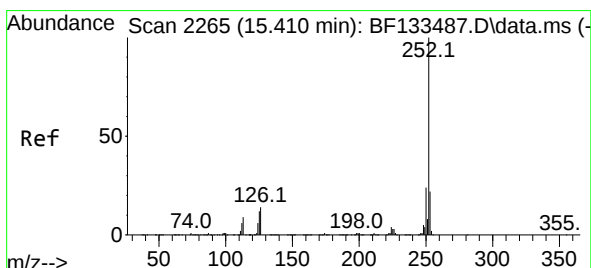
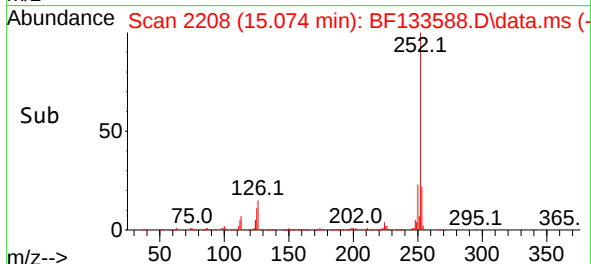
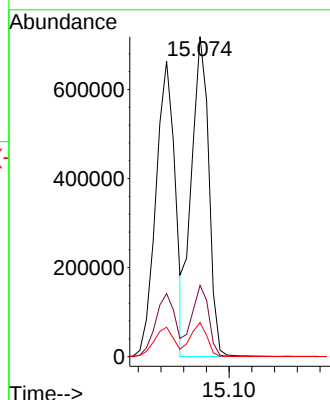
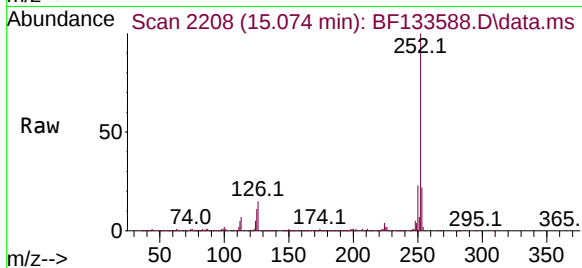
Tgt Ion:252 Resp: 763985
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 10.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023



#90

Benzo(a)pyrene

Concen: 51.530 ng

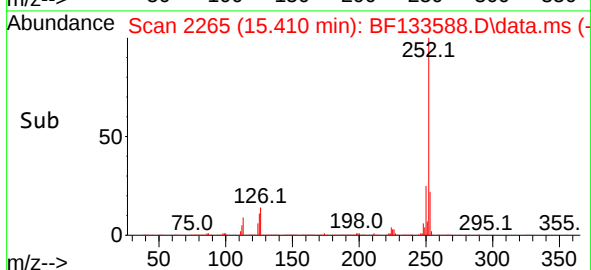
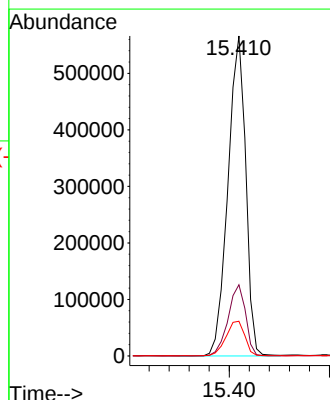
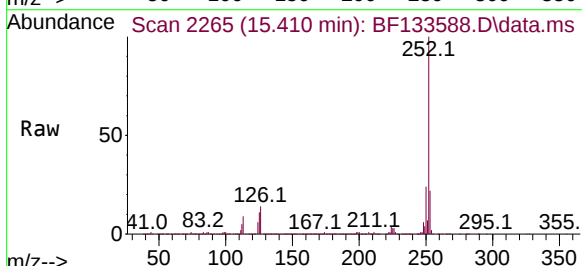
RT: 15.410 min Scan# 2265

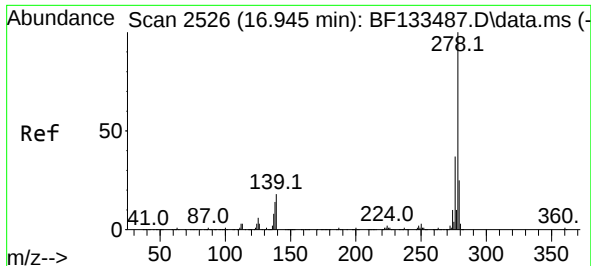
Delta R.T. 0.000 min

Lab File: BF133588.D

Acq: 06 Jun 2023 13:19

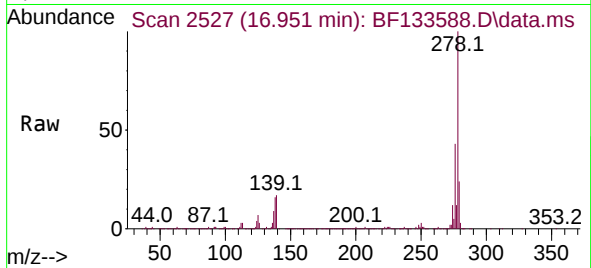
Tgt Ion:252 Resp: 696156
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 10.9 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 62.757 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

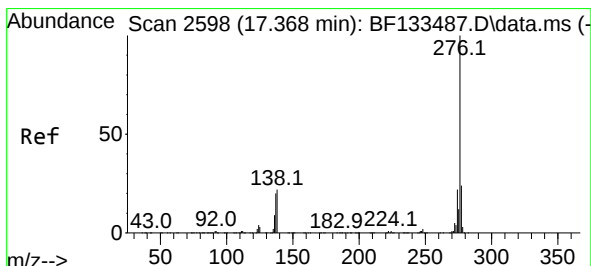
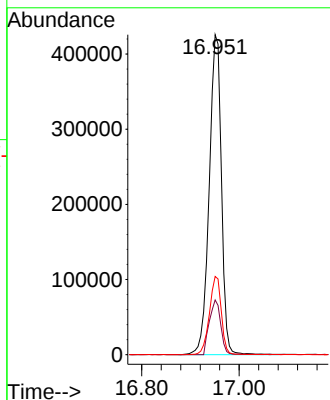
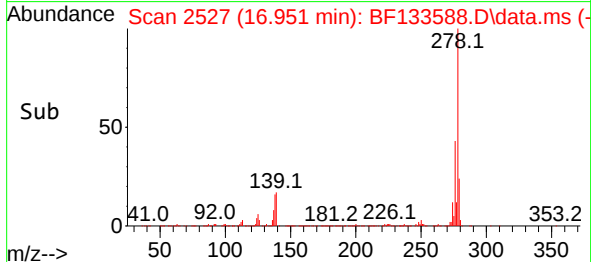
Instrument :
BNA_F
ClientSampleId :
PB153153BS



Tgt Ion:278 Resp: 73897
Ion Ratio Lower Upper
278 100
139 17.1 14.1 21.1
279 24.4 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023



#92
Benzo(g,h,i)perylene
Concen: 60.802 ng
RT: 17.380 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF133588.D
Acq: 06 Jun 2023 13:19

Tgt Ion:276 Resp: 721909
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 21.9 17.8 26.6

