

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136093.D
 Acq On : 02 Nov 2023 13:54
 Operator : CG\JU
 Sample : PB156666BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156666BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 14:35:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	146752	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	604676	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	320522	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	593226	20.000	ng	0.00
76) Chrysene-d12	14.010	240	288553	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	278576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1093405	117.081	ng	0.01
7) Phenol-d6	6.463	99	1373451	118.038	ng	0.00
23) Nitrobenzene-d5	7.386	82	815345	81.285	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	430776	125.915	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1515490	75.372	ng	0.00
79) Terphenyl-d14	12.957	244	1679502	90.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	133618	32.857	ng	100
3) Pyridine	3.428	79	347833	31.337	ng	97
4) n-Nitrosodimethylamine	3.393	42	186013	40.081	ng	96
6) Aniline	6.487	93	447085	29.678	ng	98
8) 2-Chlorophenol	6.604	128	445365	44.606	ng	99
9) Benzaldehyde	6.369	77	53171	8.195	ng	97
10) Phenol	6.475	94	513470m	42.665	ng	
11) bis(2-Chloroethyl)ether	6.563	93	401119	42.574	ng	99
12) 1,3-Dichlorobenzene	6.763	146	448890	43.197	ng	98
13) 1,4-Dichlorobenzene	6.839	146	452731	43.473	ng	98
14) 1,2-Dichlorobenzene	6.992	146	437448	44.923	ng	100
15) Benzyl Alcohol	6.963	79	357001	43.271	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	561447	43.294	ng	99
17) 2-Methylphenol	7.075	107	345046	40.737	ng	97
18) Hexachloroethane	7.333	117	160964	43.975	ng	92
19) n-Nitroso-di-n-propyla...	7.239	70	279860	42.095	ng	97
20) 3+4-Methylphenols	7.228	107	412908	39.978	ng	91
22) Acetophenone	7.234	105	552477	41.204	ng	# 91
24) Nitrobenzene	7.404	77	425476	41.934	ng	94
25) Isophorone	7.645	82	793563	41.906	ng	98
26) 2-Nitrophenol	7.722	139	220142	47.555	ng	94
27) 2,4-Dimethylphenol	7.757	122	355526	40.642	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	492058	42.409	ng	99
29) 2,4-Dichlorophenol	7.957	162	363554	44.085	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	384471	42.737	ng	99
31) Naphthalene	8.128	128	1215981	41.702	ng	99
32) Benzoic acid	7.886	122	284435	41.379	ng	98
33) 4-Chloroaniline	8.175	127	278572	21.815	ng	95
34) Hexachlorobutadiene	8.239	225	219836	42.611	ng	98
35) Caprolactam	8.551	113	123128m	45.918	ng	
36) 4-Chloro-3-methylphenol	8.657	107	382346	44.162	ng	99
37) 2-Methylnaphthalene	8.816	142	784714	40.136	ng	98
38) 1-Methylnaphthalene	8.916	142	748548	41.141	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	369904	40.466	ng	98
41) Hexachlorocyclopentadiene	8.969	237	400417	81.993	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	260280	43.671	ng	97

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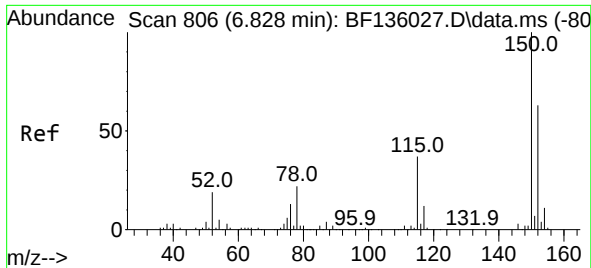
Manual Integrations
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 Supervised By :mohammad ahmed 11/03/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	283407	41.049	ng	98
46) 1,1'-Biphenyl	9.286	154	986969	40.393	ng	98
47) 2-Chloronaphthalene	9.310	162	766008	42.526	ng	100
48) 2-Nitroaniline	9.404	65	237458	44.545	ng	99
49) Acenaphthylene	9.727	152	1193596	42.476	ng	99
50) Dimethylphthalate	9.592	163	882981	41.764	ng	100
51) 2,6-Dinitrotoluene	9.651	165	202988	44.890	ng	98
52) Acenaphthene	9.898	154	718037m	40.196	ng	
53) 3-Nitroaniline	9.816	138	175847	33.328	ng	95
54) 2,4-Dinitrophenol	9.927	184	207581	84.233	ng	100
55) Dibenzofuran	10.069	168	1068031	41.003	ng	97
56) 4-Nitrophenol	9.980	139	354408	89.799	ng	87
57) 2,4-Dinitrotoluene	10.057	165	268883	46.998	ng	93
58) Fluorene	10.416	166	812066	41.639	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	243024	44.276	ng	100
60) Diethylphthalate	10.292	149	860893	42.617	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	389467	40.006	ng	98
62) 4-Nitroaniline	10.439	138	211792	41.687	ng	94
63) Azobenzene	10.569	77	810724	41.673	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	139487	43.421	ng	86
66) n-Nitrosodiphenylamine	10.527	169	755927	42.241	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	266449	42.841	ng	# 93
68) Hexachlorobenzene	10.963	284	305547	45.998	ng	98
69) Atrazine	11.063	200	244671	50.251	ng	99
70) Pentachlorophenol	11.157	266	305200	71.542	ng	97
71) Phenanthrene	11.380	178	1263547	42.303	ng	99
72) Anthracene	11.433	178	1282716	41.910	ng	100
73) Carbazole	11.586	167	1118250	42.044	ng	99
74) Di-n-butylphthalate	11.927	149	1275524	41.970	ng	99
75) Fluoranthene	12.574	202	1234306	40.225	ng	99
77) Benzidine	12.698	184	172680	30.703	ng	98
78) Pyrene	12.804	202	1243759	48.889	ng	99
80) Butylbenzylphthalate	13.433	149	414310	45.496	ng	99
81) Benzo(a)anthracene	13.998	228	820089	42.930	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	220579	36.178	ng	# 96
83) Chrysene	14.039	228	797727	42.403	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	441783	41.641	ng	100
85) Di-n-octyl phthalate	14.621	149	666591	41.941	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	936068	51.414	ng	99
88) Benzo(b)fluoranthene	15.062	252	728190	44.176	ng	99
89) Benzo(k)fluoranthene	15.092	252	701593	43.017	ng	100
90) Benzo(a)pyrene	15.439	252	662327	43.244	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	778379	52.192	ng	99
92) Benzo(g,h,i)perylene	17.480	276	787405	46.472	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

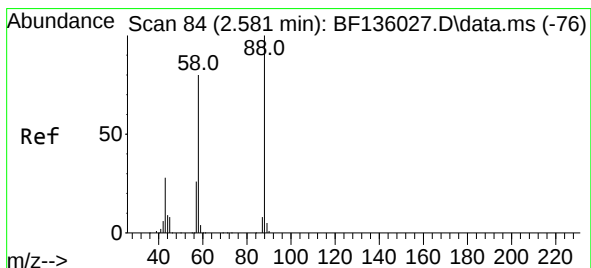
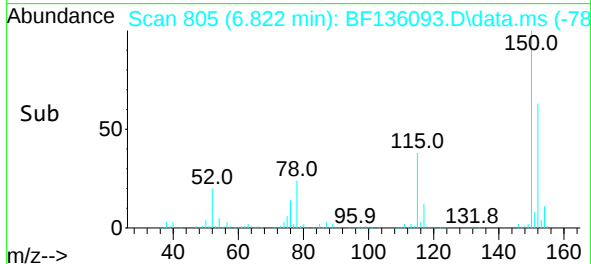
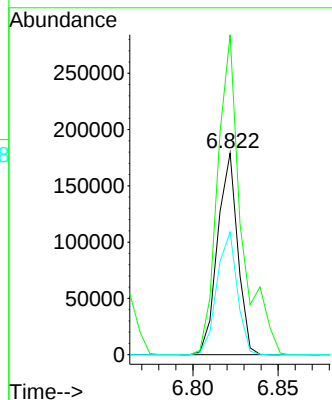
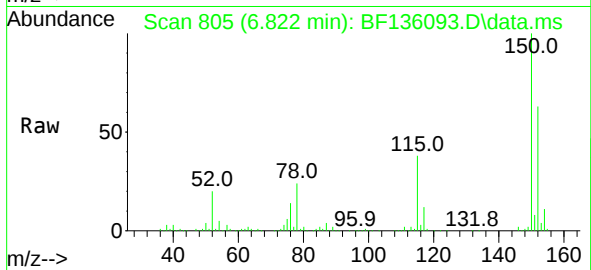
ClientSampleId :

PB156666BS

Tgt Ion:152 Resp: 146752
Ion Ratio Lower Upper
152 100
150 158.8 126.4 189.6
115 60.8 47.0 70.4

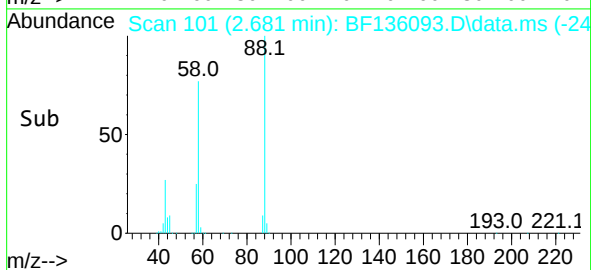
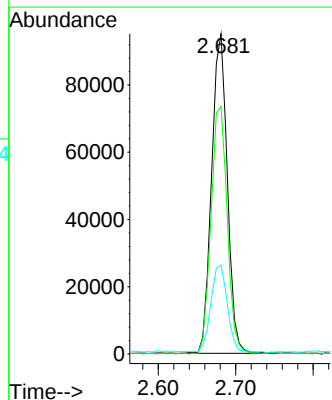
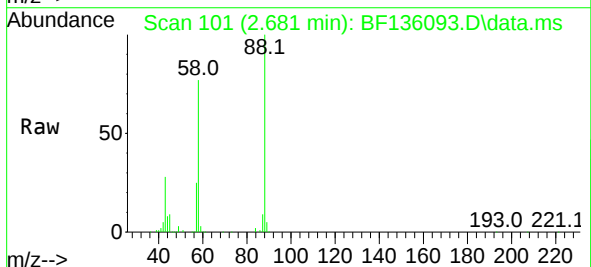
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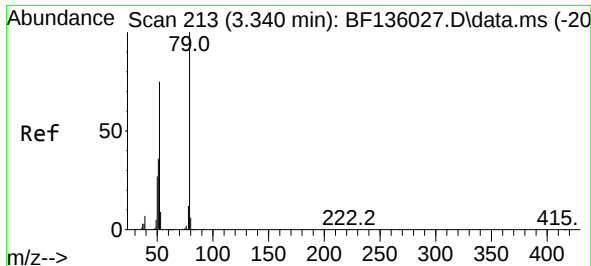
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#2
1,4-Dioxane
Concen: 32.857 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.100 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

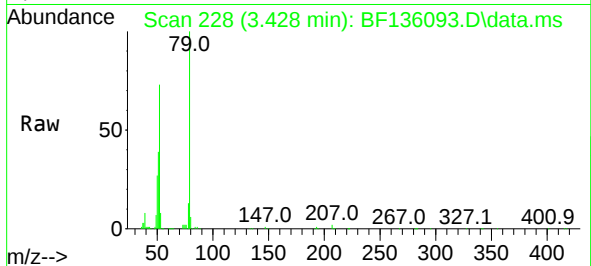
Tgt Ion: 88 Resp: 133618
Ion Ratio Lower Upper
88 100
58 80.3 64.3 96.5
43 28.5 22.3 33.5





#3
Pyridine
Concen: 31.337 ng
RT: 3.428 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

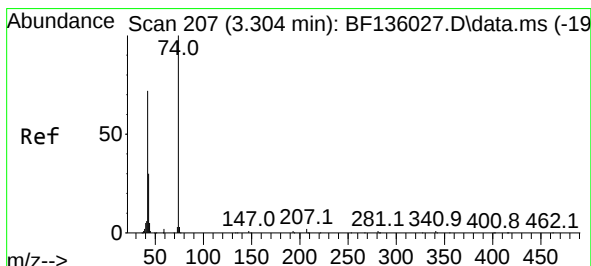
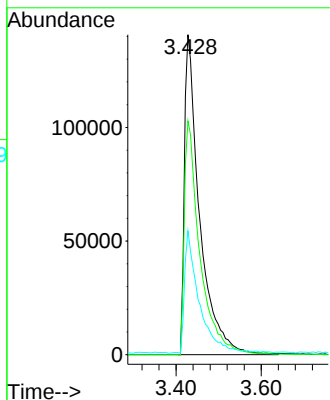
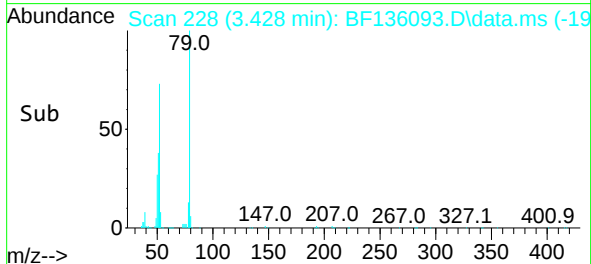
Instrument :
BNA_F
ClientSampleId :
PB156666BS



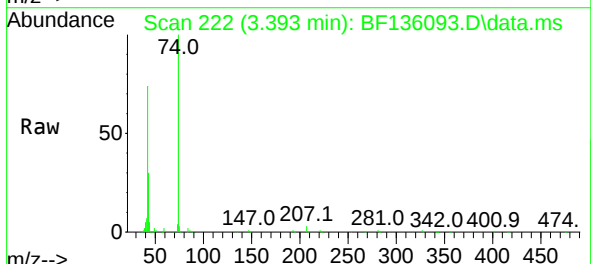
Tgt Ion: 79 Resp: 34783
Ion Ratio Lower Upper
79 100
52 73.0 60.3 90.5
51 38.7 29.3 43.9

Manual Integrations
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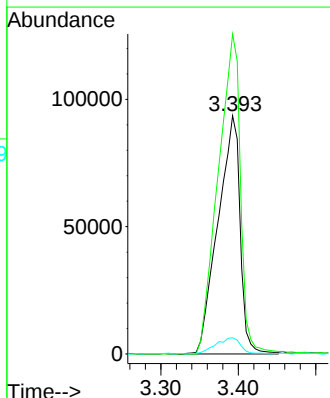
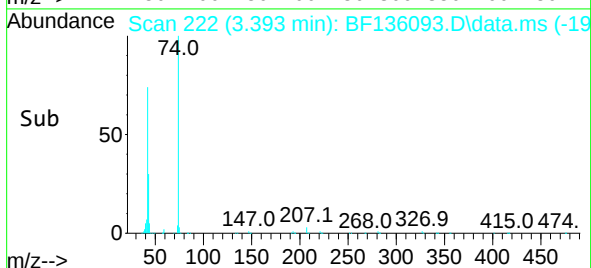
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

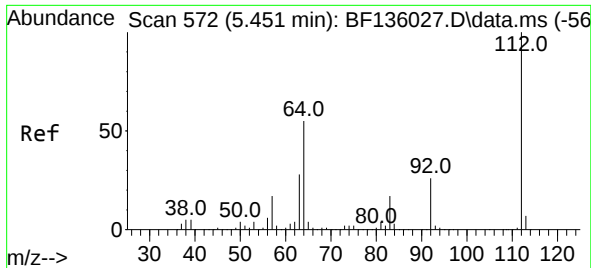


#4
n-Nitrosodimethylamine
Concen: 40.081 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion: 42 Resp: 186013
Ion Ratio Lower Upper
42 100
74 134.3 111.8 167.6
44 6.8 6.2 9.4





#5
2-Fluorophenol
Concen: 117.081 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

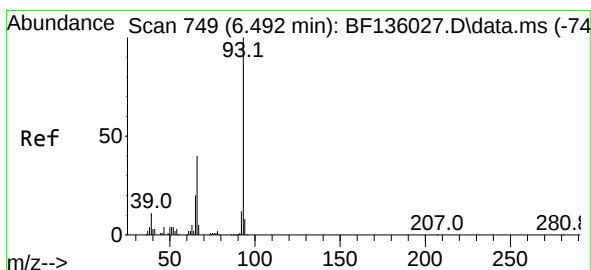
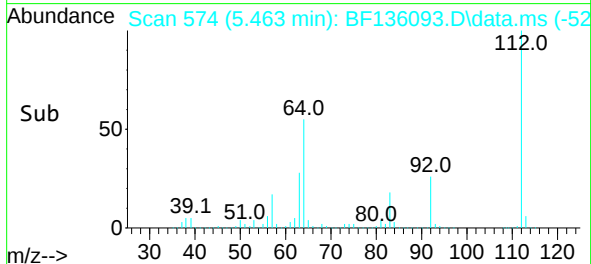
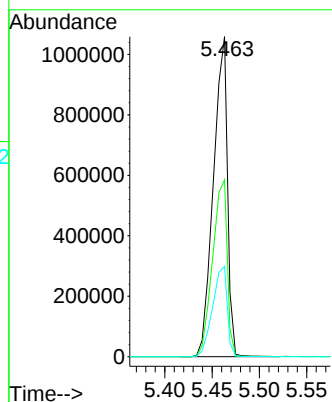
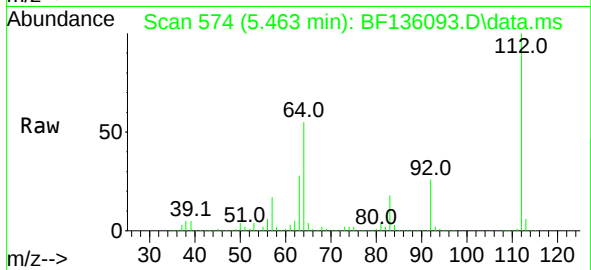
ClientSampleId :

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Tgt Ion:112 Resp: 109340
Ion Ratio Lower Upper
112 100
64 55.3 43.9 65.9
63 28.3 22.4 33.6

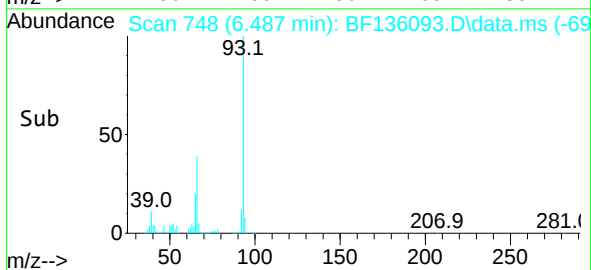
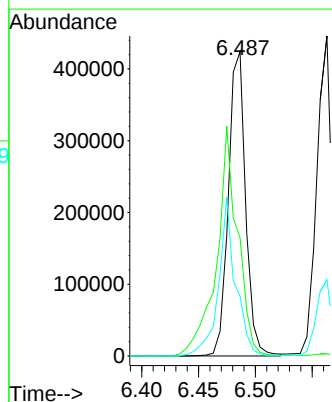
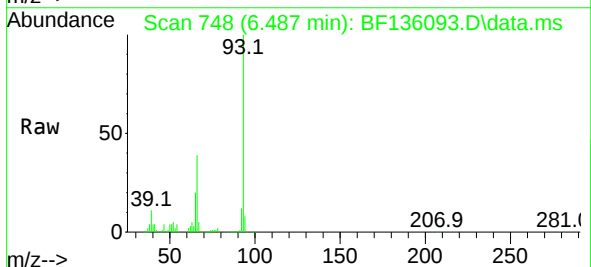
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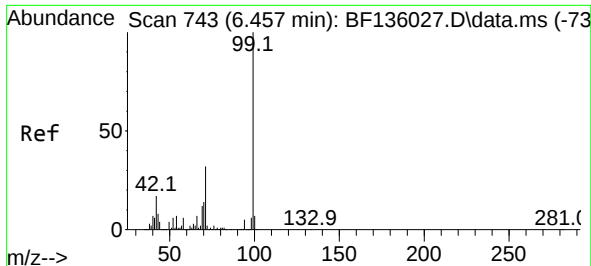
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#6
Aniline
Concen: 29.678 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

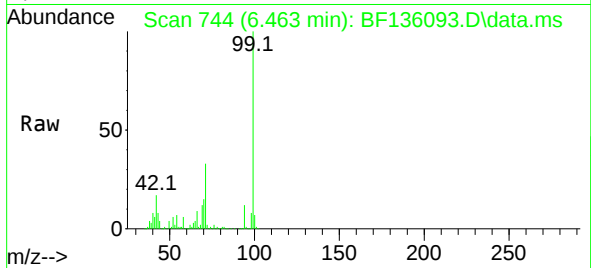
Tgt Ion: 93 Resp: 447085
Ion Ratio Lower Upper
93 100
66 38.8 32.4 48.6
65 19.7 16.2 24.2





#7
Phenol-d6
Concen: 118.038 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

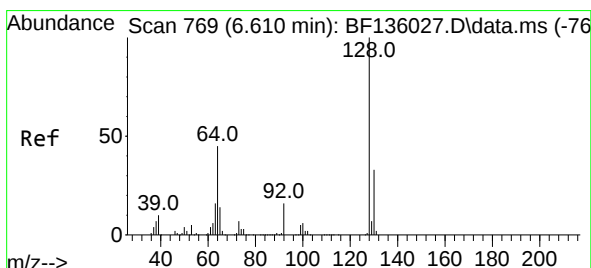
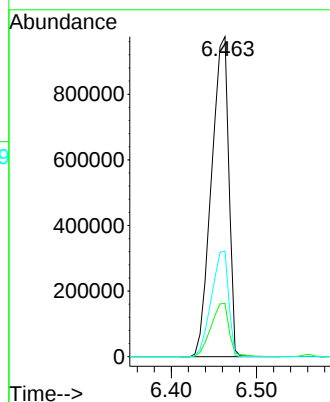
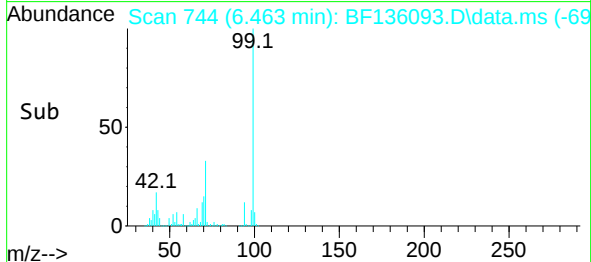
Instrument :
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Tgt Ion: 99 Resp: 137345
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.0 25.9 38.9

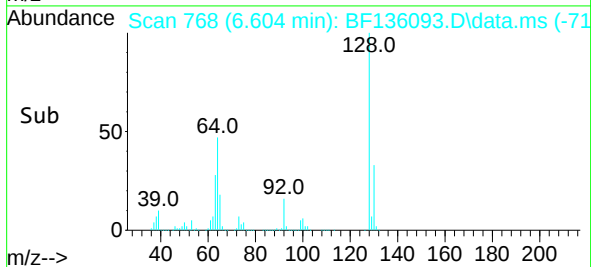
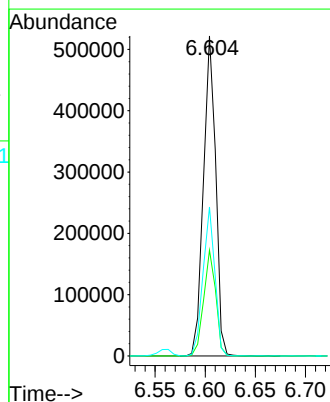
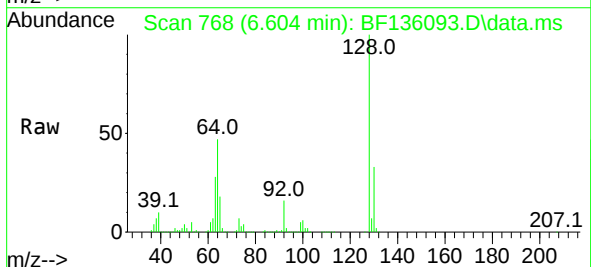
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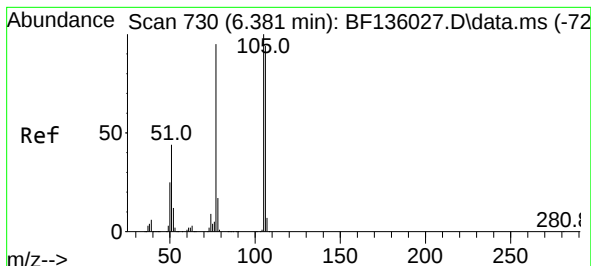
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#8
2-Chlorophenol
Concen: 44.606 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:128 Resp: 445365
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 46.5 25.8 65.8





#9

Benzaldehyde

Concen: 8.195 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136093.D

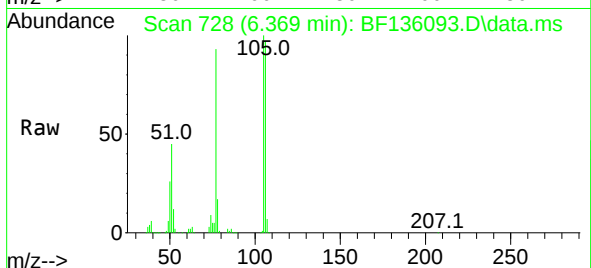
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS



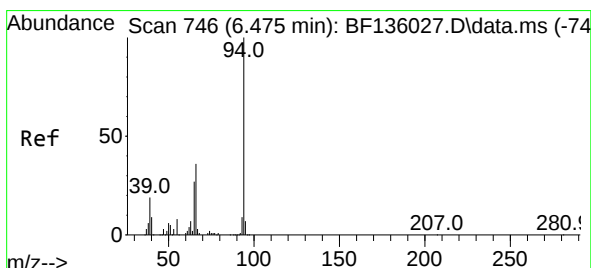
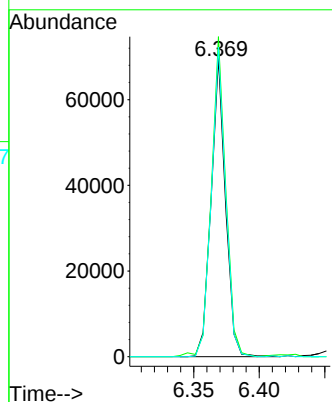
Tgt Ion:	77	Resp:	5317
Ion	Ratio	Lower	Upper
77	100		
105	107.2	85.7	125.7
106	103.8	79.8	119.8

Manual Integrations

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Supervised By :mohammad ahmed 11/03/2023



#10

Phenol

Concen: 42.665 ng m

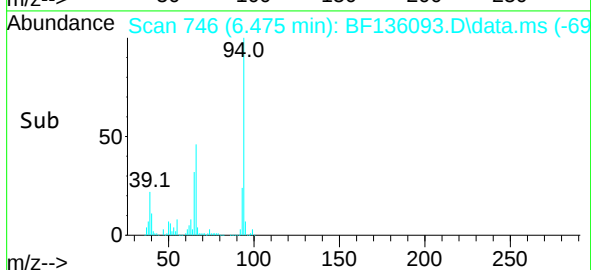
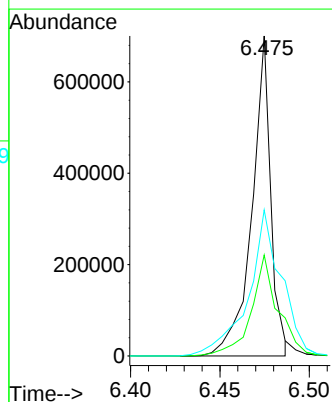
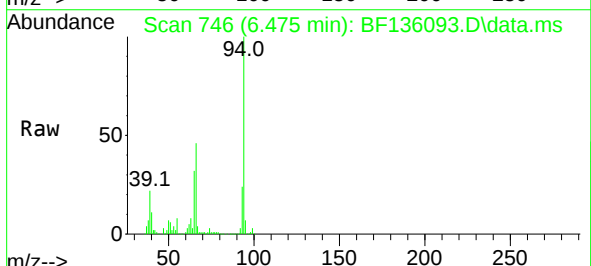
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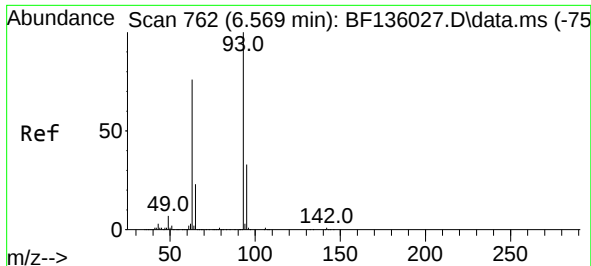
Delta R.T. 0.000 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

Tgt Ion:	94	Resp:	513470
Ion	Ratio	Lower	Upper
94	100		
65	31.5	7.5	47.5
66	45.7	17.1	57.1





#11
bis(2-Chloroethyl)ether
Concen: 42.574 ng
RT: 6.563 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

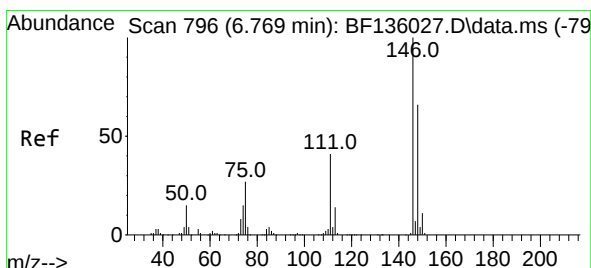
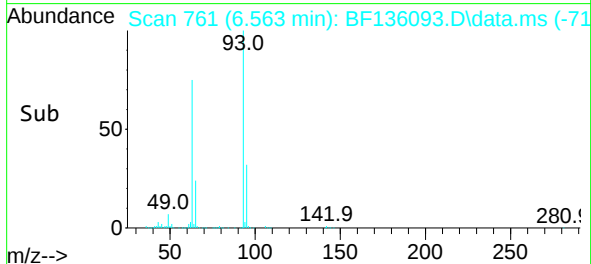
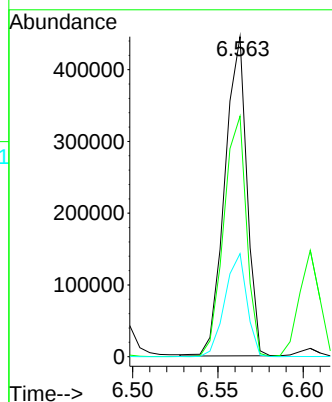
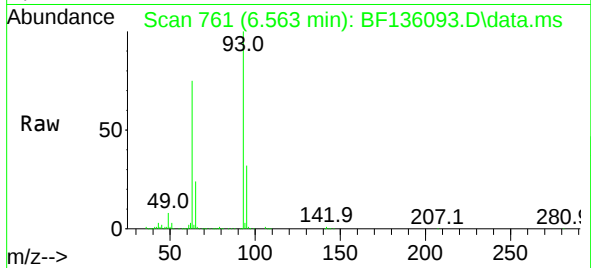
PB156666BS

Tgt Ion: 93 Resp: 401119
Ion Ratio Lower Upper
93 100
63 75.2 55.8 95.8
95 32.2 12.9 52.9

Manual Integrations

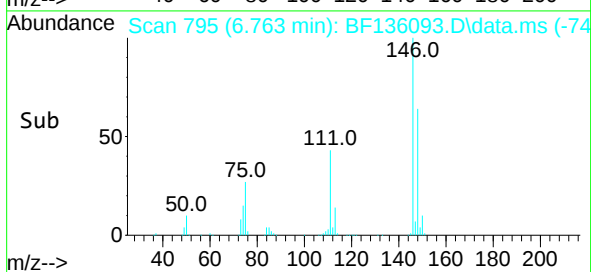
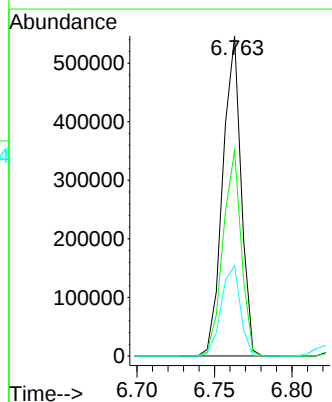
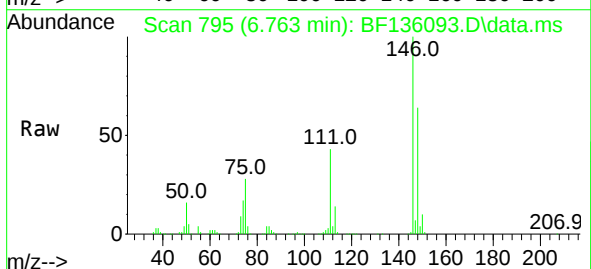
APPROVED

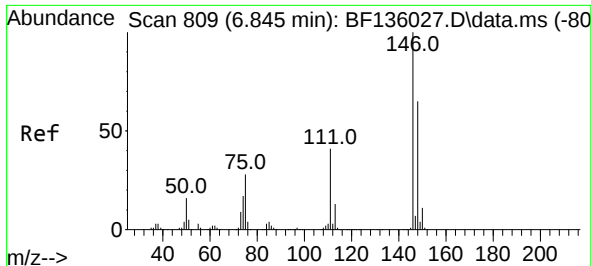
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#12
1,3-Dichlorobenzene
Concen: 43.197 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:146 Resp: 448890
Ion Ratio Lower Upper
146 100
148 64.2 52.6 78.8
75 28.2 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 43.473 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

Tgt Ion:146 Resp: 45273

Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

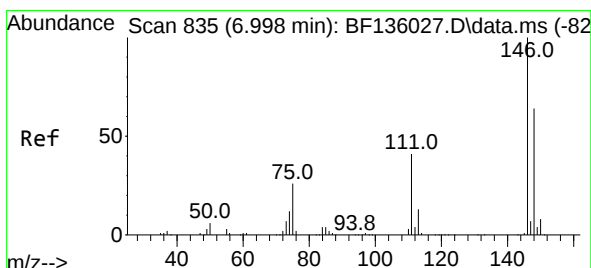
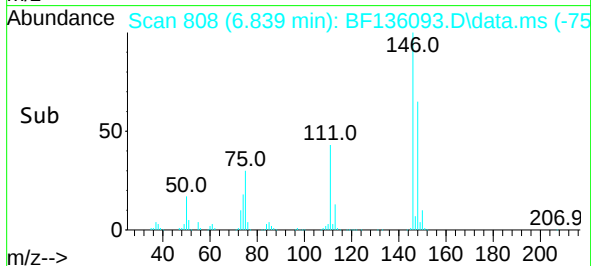
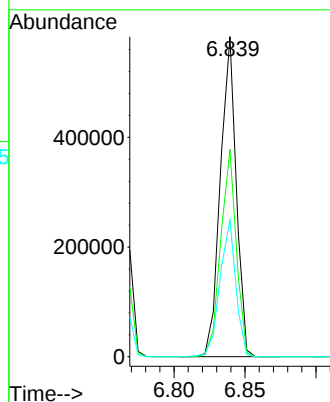
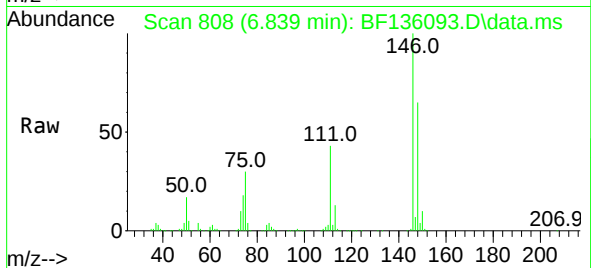
111 42.7 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#14

1,2-Dichlorobenzene

Concen: 44.923 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

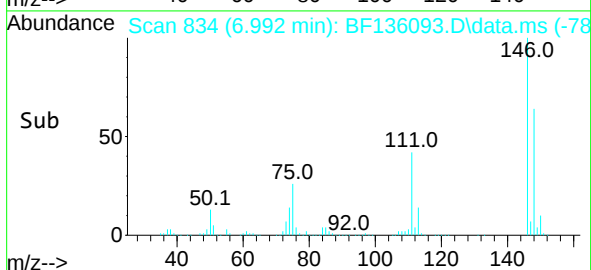
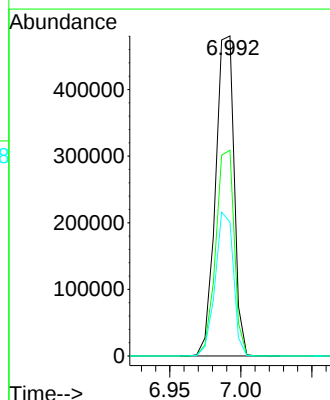
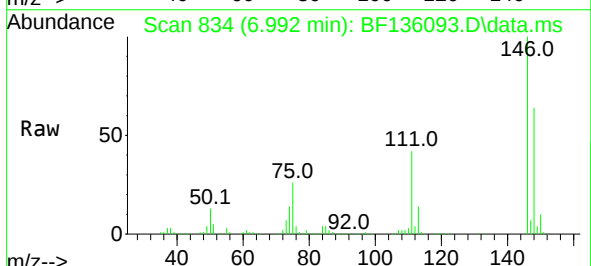
Tgt Ion:146 Resp: 437448

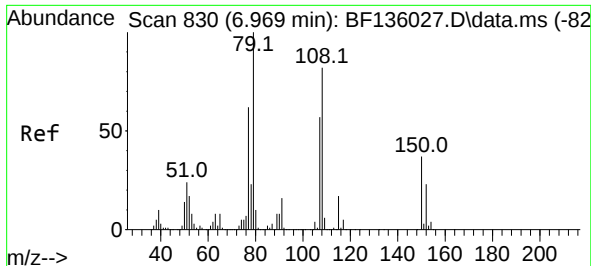
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 41.9 33.0 49.4





#15
Benzyl Alcohol
Concen: 43.271 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

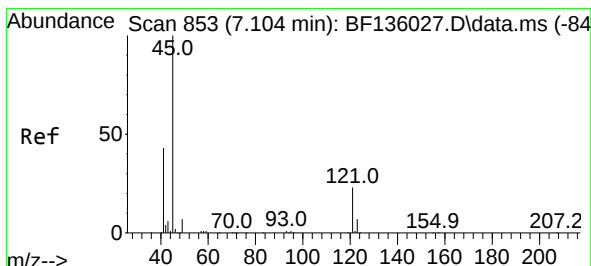
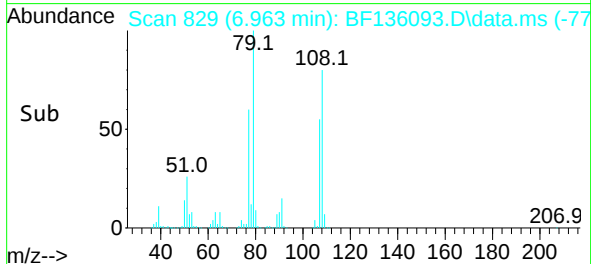
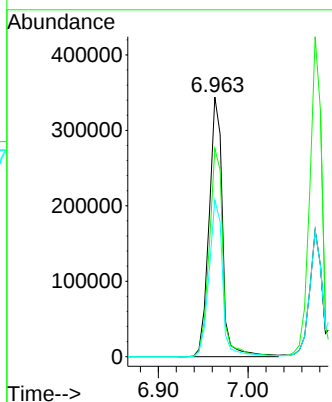
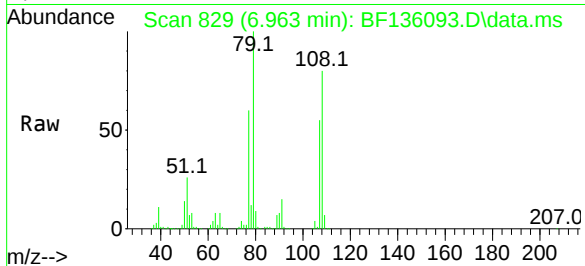
ClientSampleId :

PB156666BS

Tgt Ion: 79 Resp: 35700
Ion Ratio Lower Upper
79 100
108 80.2 65.9 98.9
77 60.3 49.4 74.2

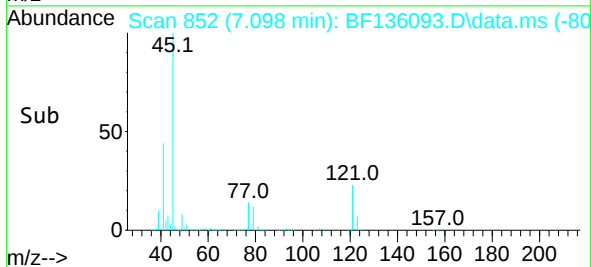
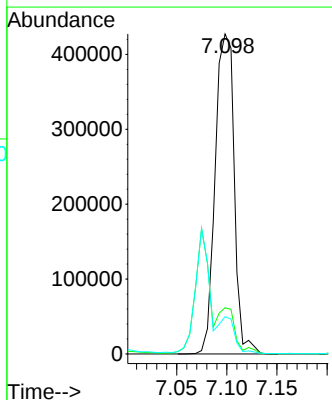
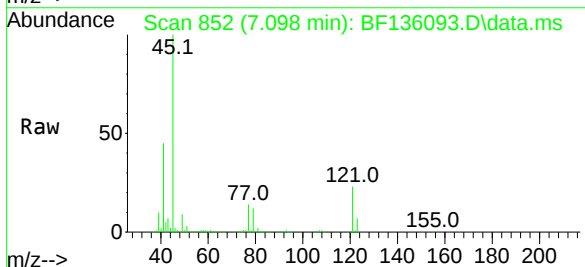
Manual Integrations
APPROVED

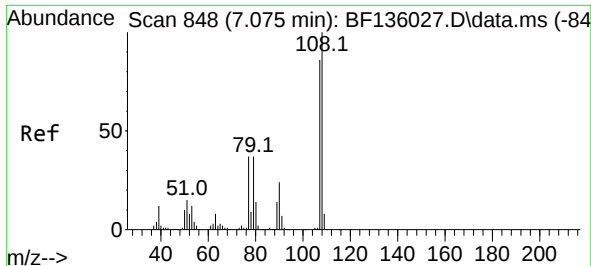
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.294 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

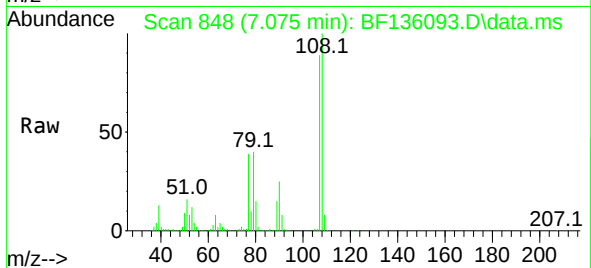
Tgt Ion: 45 Resp: 561447
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.6 0.0 30.6





#17
2-Methylphenol
Concen: 40.737 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

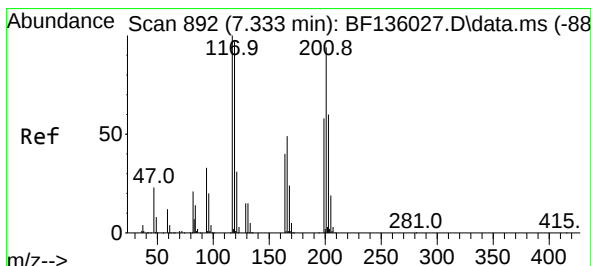
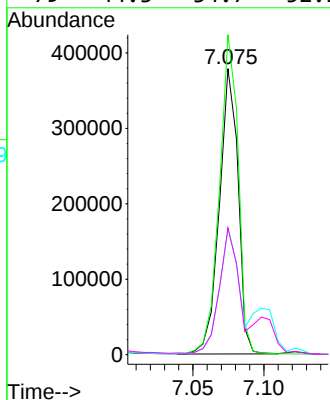
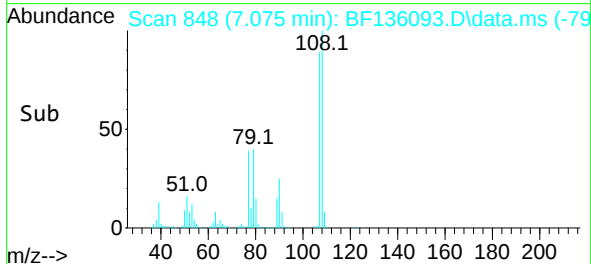
Instrument :
BNA_F
ClientSampleId :
PB156666BS



Tgt Ion:107 Resp: 345040
Ion Ratio Lower Upper
107 100
108 111.8 93.4 140.2
77 44.1 34.4 51.6
79 44.3 34.7 52.1

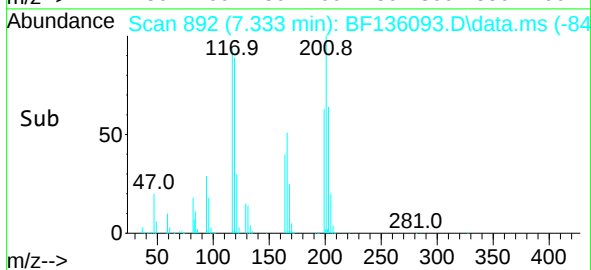
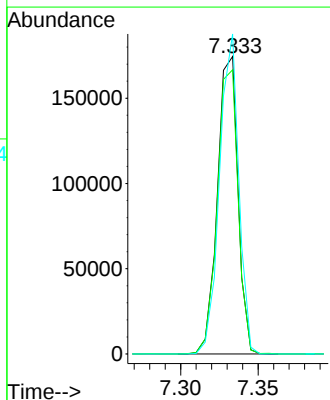
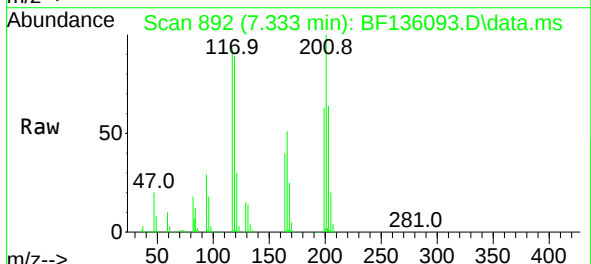
Manual Integrations
APPROVED

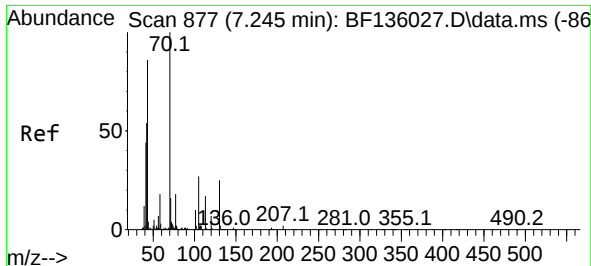
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#18
Hexachloroethane
Concen: 43.975 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:117 Resp: 160964
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5
201 107.6 75.0 112.6





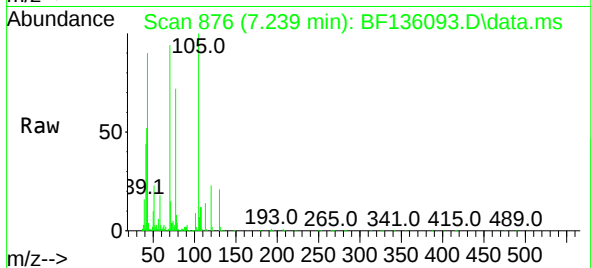
#19
n-Nitroso-di-n-propylamine
Concen: 42.095 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

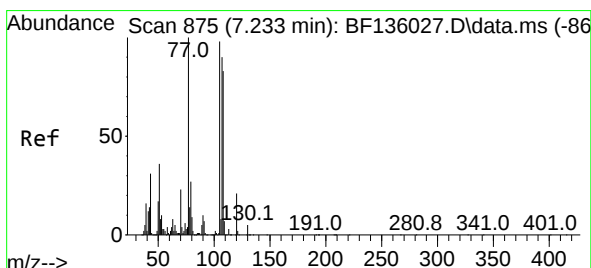
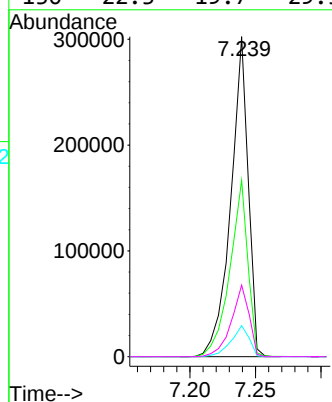
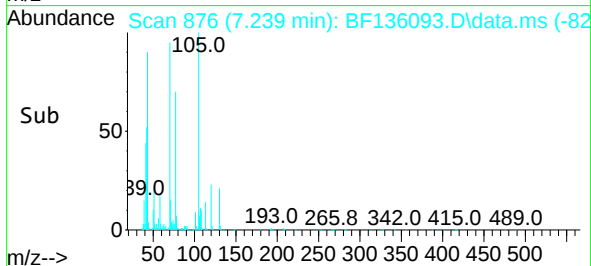


Tgt Ion: 70 Resp: 279860
Ion Ratio Lower Upper
70 100
42 55.1 43.0 64.4
101 9.7 8.0 12.0
130 22.3 19.7 29.5

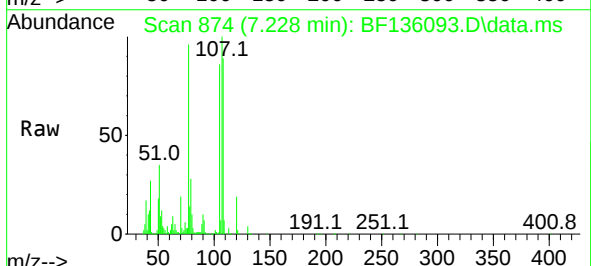
Manual Integrations

APPROVED

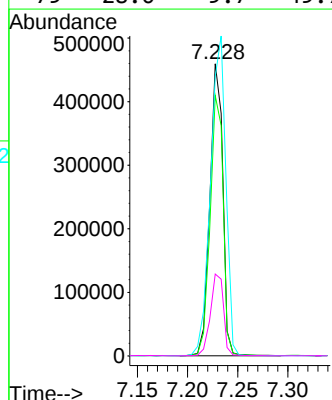
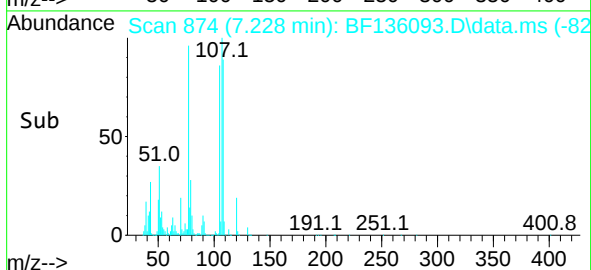
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

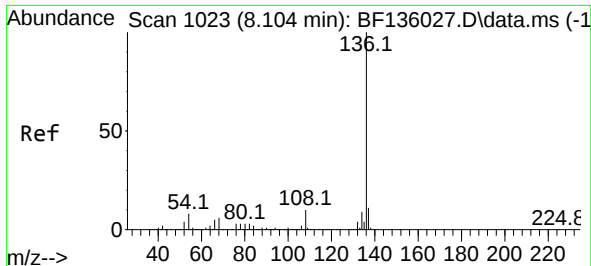


#20
3+4-Methylphenols
Concen: 39.978 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:107 Resp: 412908
Ion Ratio Lower Upper
107 100
108 89.1 72.3 112.3
77 95.6 91.4 131.4
79 28.0 9.7 49.7





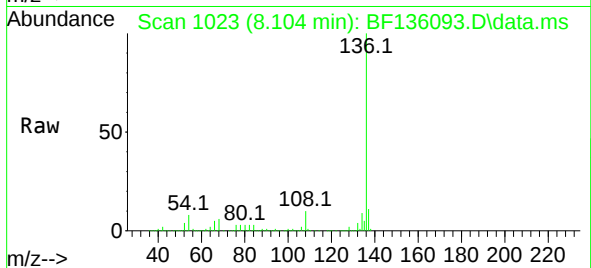
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

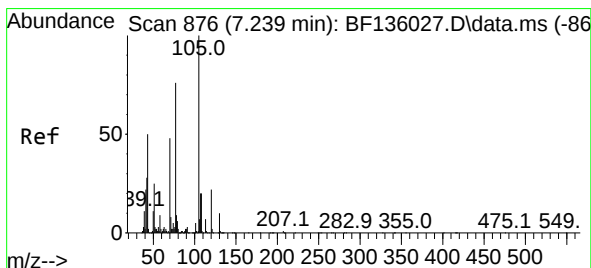
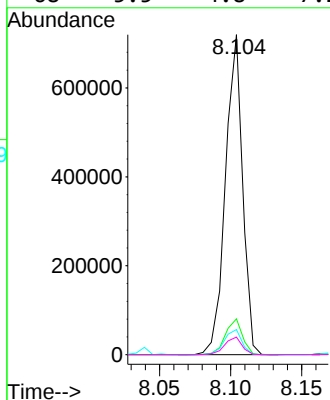
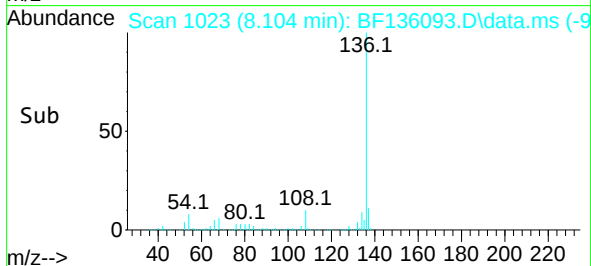


Tgt Ion:136 Resp: 604670
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.8 6.6 9.8
68 5.5 4.8 7.2

Manual Integrations

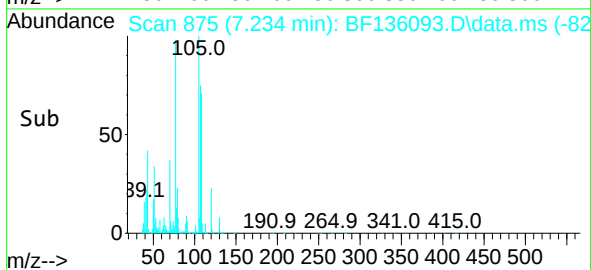
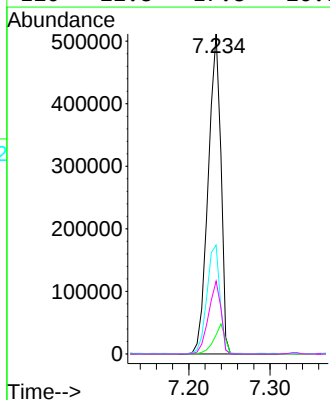
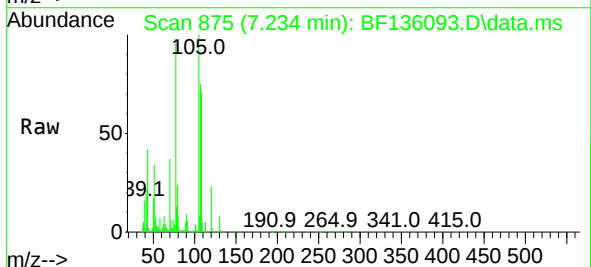
APPROVED

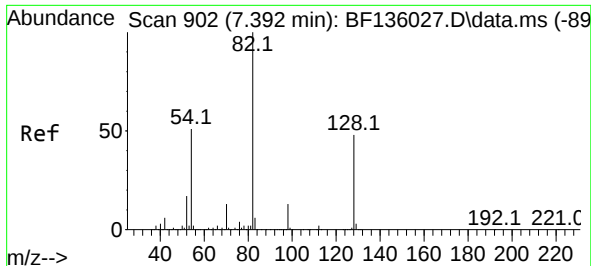
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#22
Acetophenone
Concen: 41.204 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:105 Resp: 552477
Ion Ratio Lower Upper
105 100
71 6.0 6.5 9.7#
51 34.0 20.3 30.5#
120 22.8 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.285 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

Tgt Ion: 82 Resp: 81534

Ion Ratio Lower Upper

82 100

128 45.9 38.6 57.8

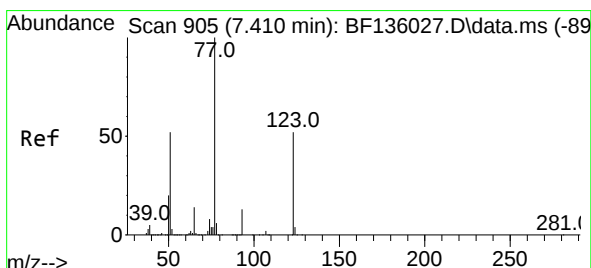
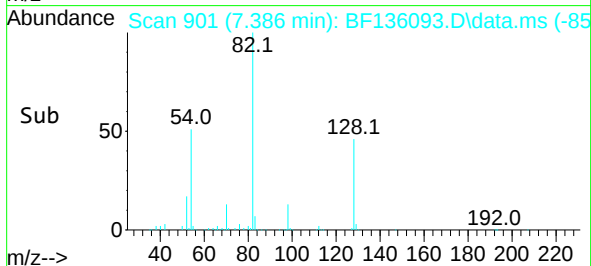
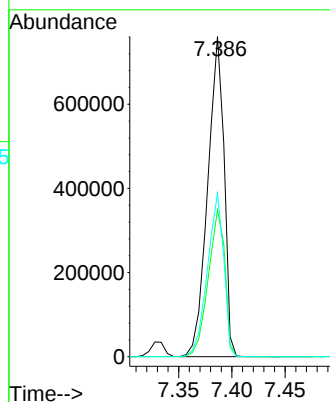
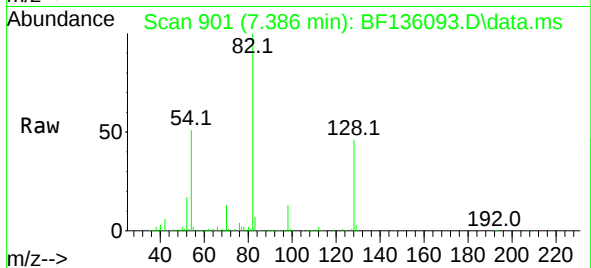
54 51.0 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#24

Nitrobenzene

Concen: 41.934 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

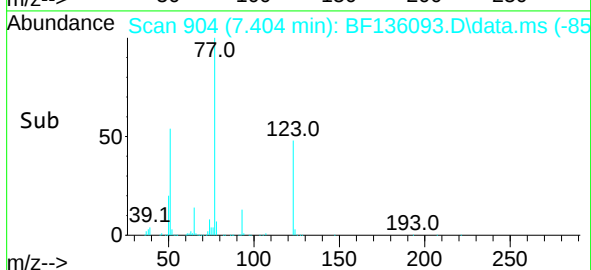
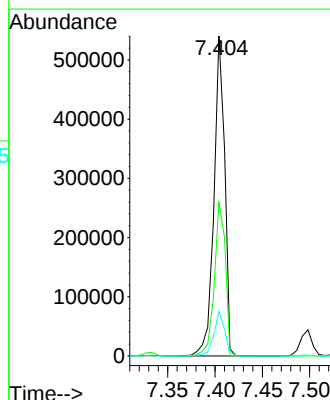
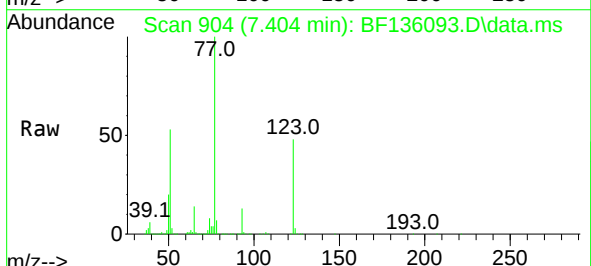
Tgt Ion: 77 Resp: 425476

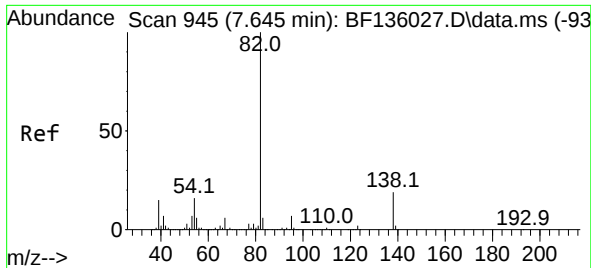
Ion Ratio Lower Upper

77 100

123 47.9 42.3 63.5

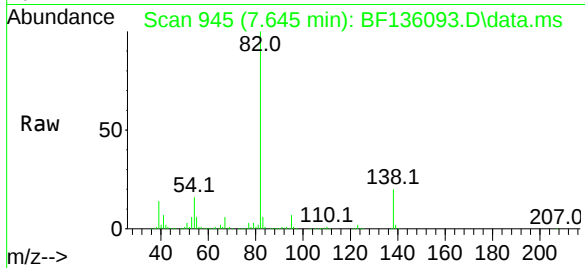
65 13.9 11.0 16.6





#25
Isophorone
Concen: 41.906 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

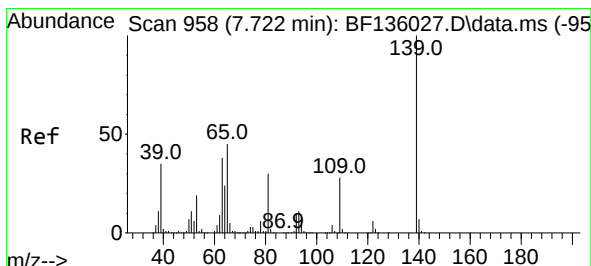
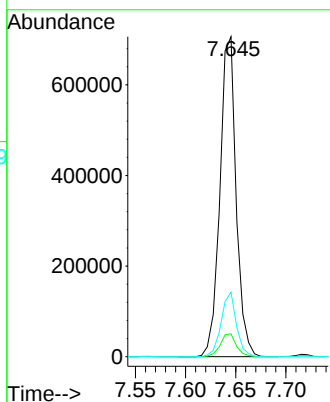
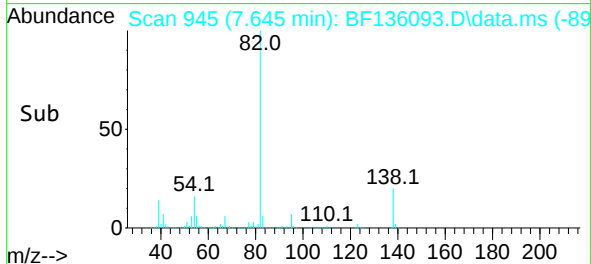
Instrument :
BNA_F
ClientSampleId :
PB156666BS



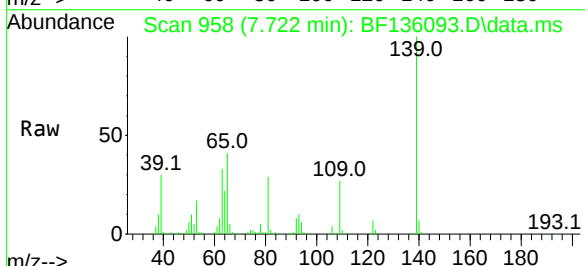
Tgt Ion: 82 Resp: 79356
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 20.1 15.3 22.9

Manual Integrations
APPROVED

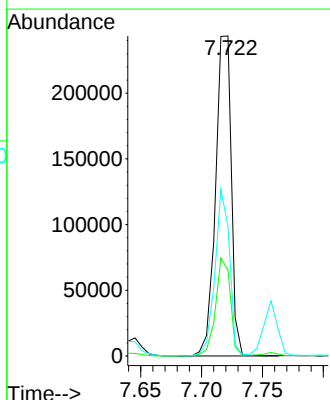
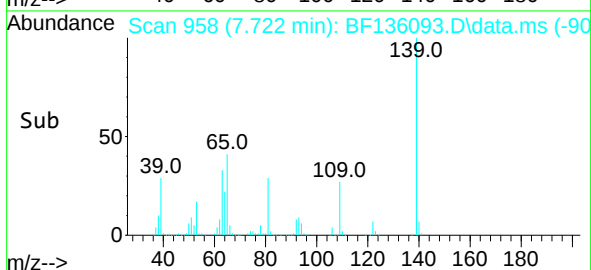
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

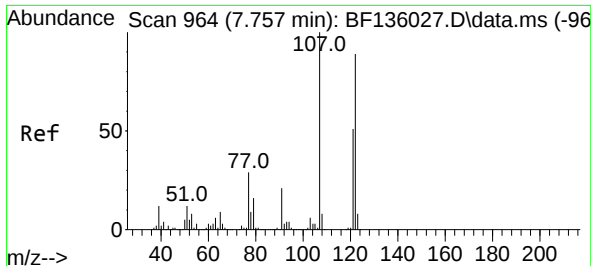


#26
2-Nitrophenol
Concen: 47.555 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:139 Resp: 220142
Ion Ratio Lower Upper
139 100
109 26.8 22.6 34.0
65 40.6 36.3 54.5





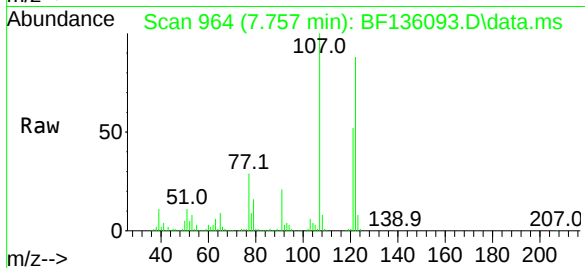
#27
2,4-Dimethylphenol
Concen: 40.642 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

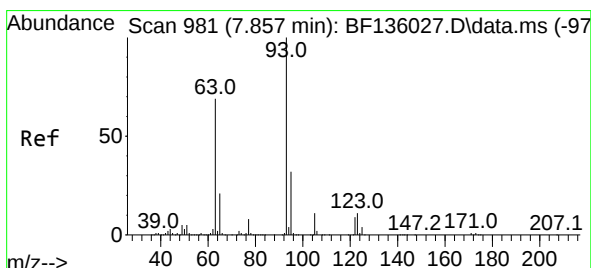
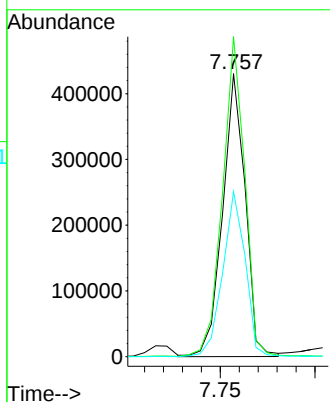
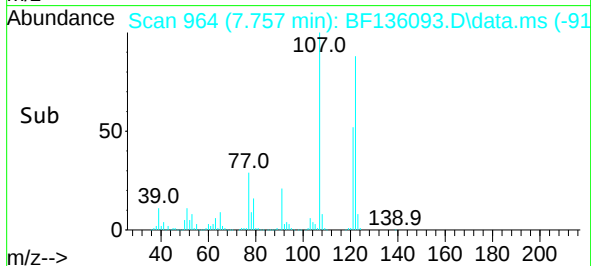


Tgt Ion:122 Resp: 355520
Ion Ratio Lower Upper
122 100
107 113.1 89.6 134.4
121 58.3 46.0 69.0

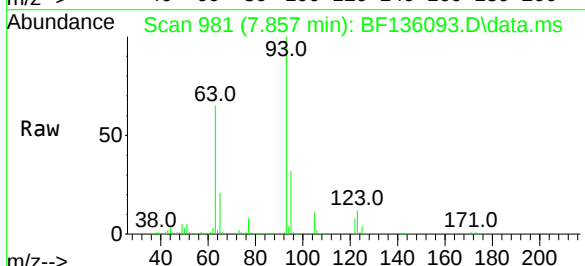
Manual Integrations

APPROVED

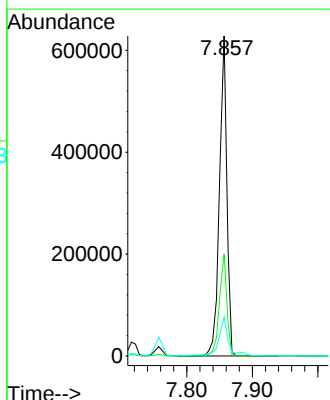
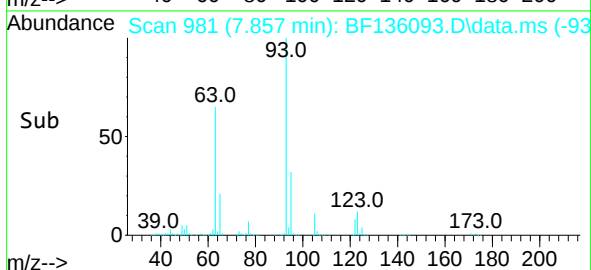
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

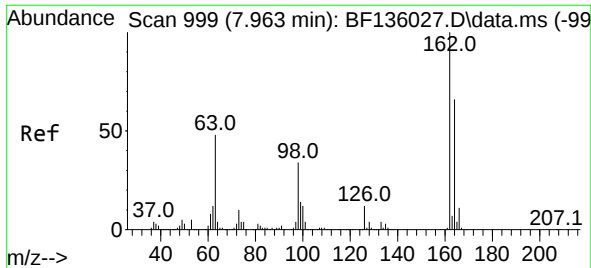


#28
bis(2-Chloroethoxy)methane
Concen: 42.409 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion: 93 Resp: 492058
Ion Ratio Lower Upper
93 100
95 31.9 25.7 38.5
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.085 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136093.D

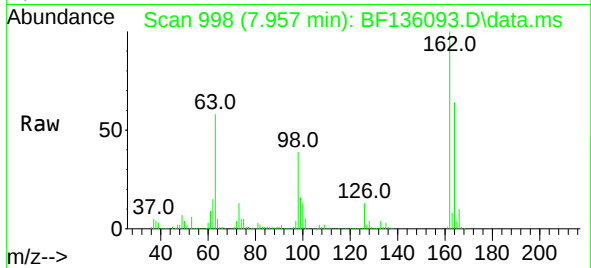
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS



Tgt Ion:162 Resp: 363554

Ion Ratio Lower Upper

162 100

164 63.7 45.5 85.5

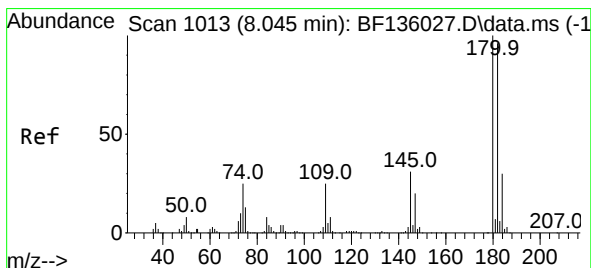
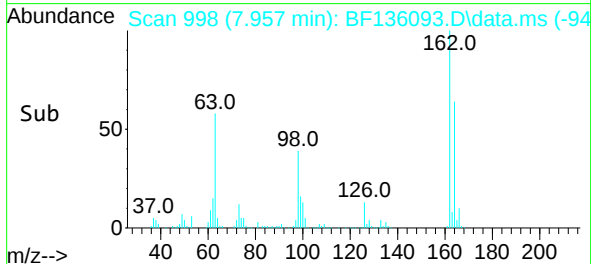
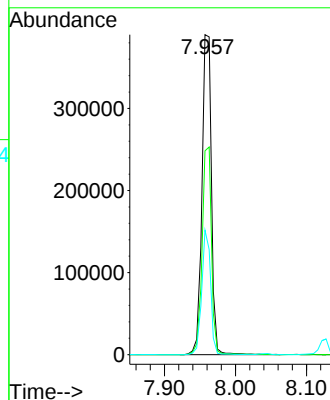
98 38.9 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.737 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

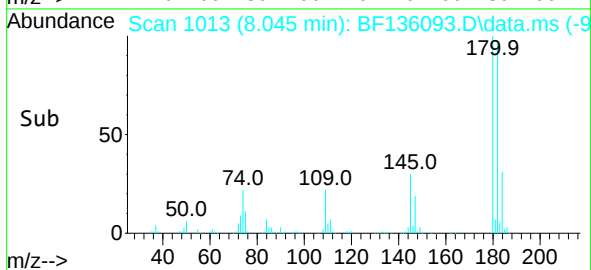
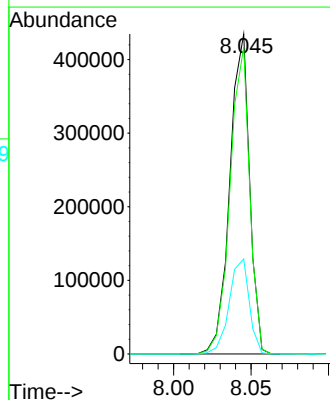
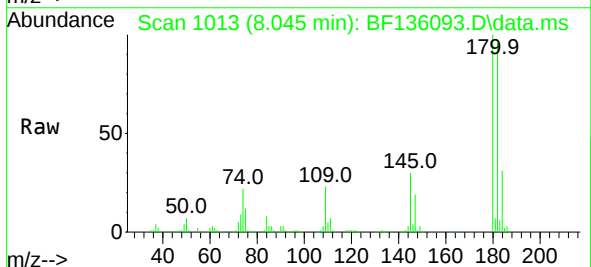
Tgt Ion:180 Resp: 384471

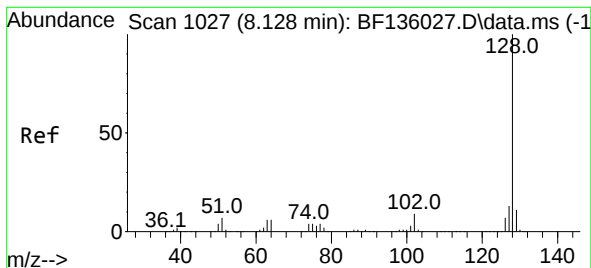
Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

145 29.7 24.7 37.1





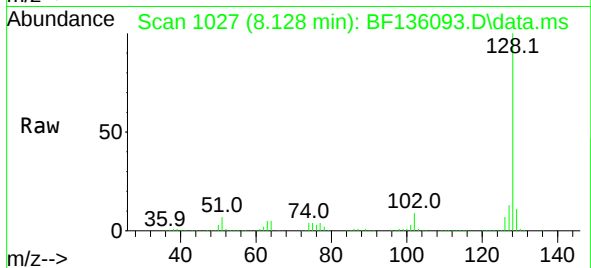
#31
Naphthalene
Concen: 41.702 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS



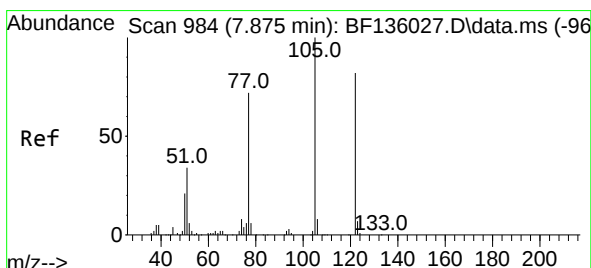
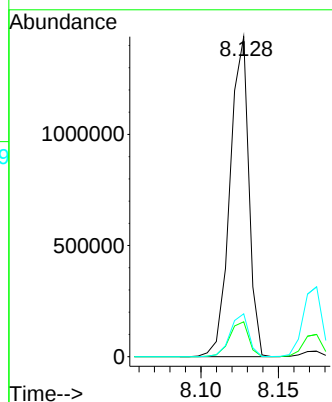
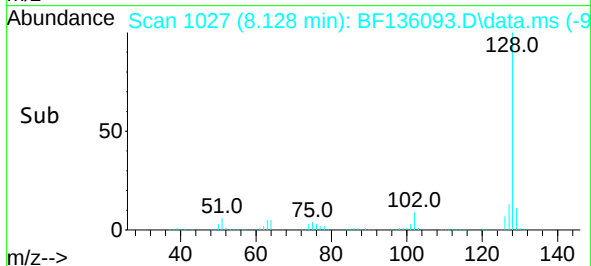
Tgt Ion:128 Resp: 121598
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.5 15.7

Manual Integrations

APPROVED

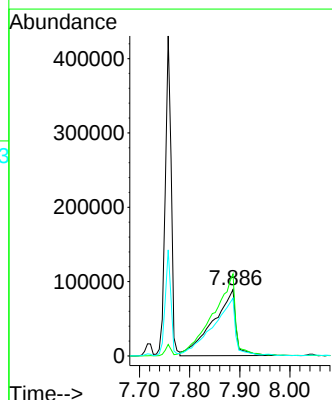
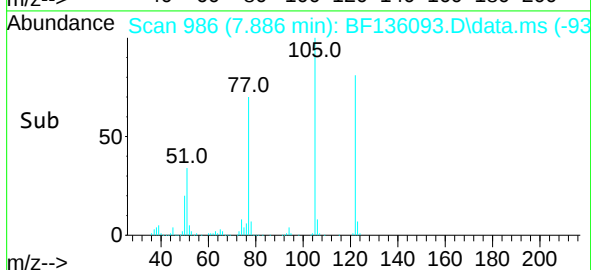
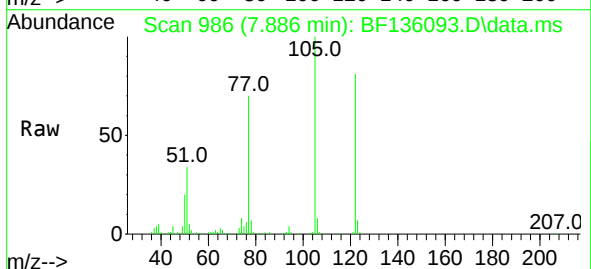
Reviewed By :Yogesh Patel 11/03/2023

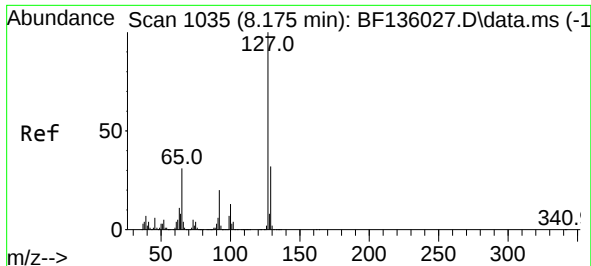
Supervised By :mohammad ahmed 11/03/2023



#32
Benzoic acid
Concen: 41.379 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.011 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:122 Resp: 284435
Ion Ratio Lower Upper
122 100
105 123.6 99.5 139.5
77 86.9 66.8 106.8





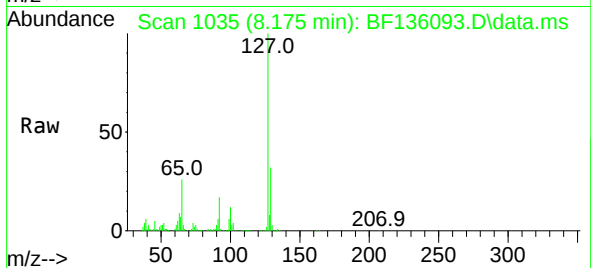
#33
4-Chloroaniline
Concen: 21.815 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

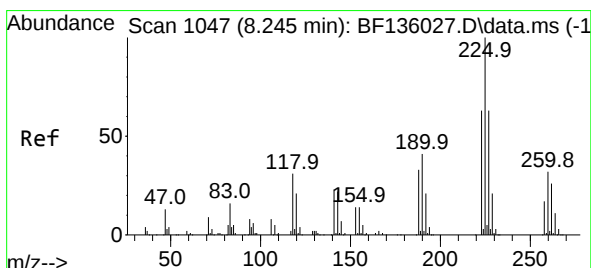
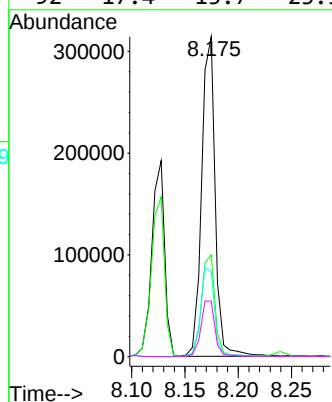
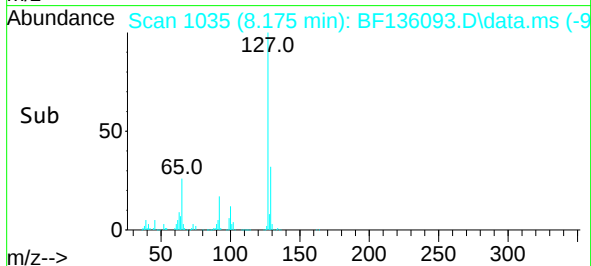


Tgt Ion:127 Resp: 278572
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 26.5 24.6 37.0
92 17.4 15.7 23.5

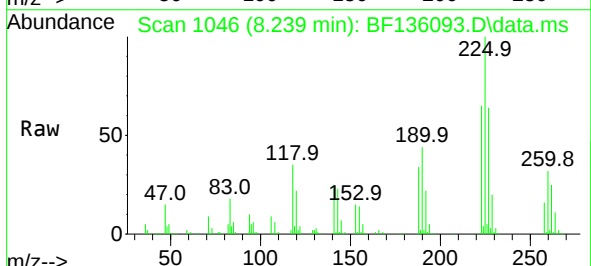
Manual Integrations

APPROVED

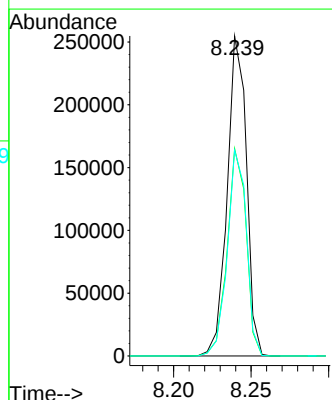
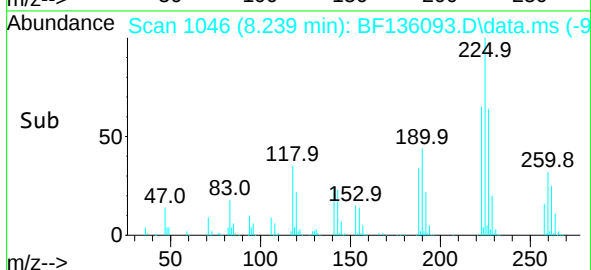
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

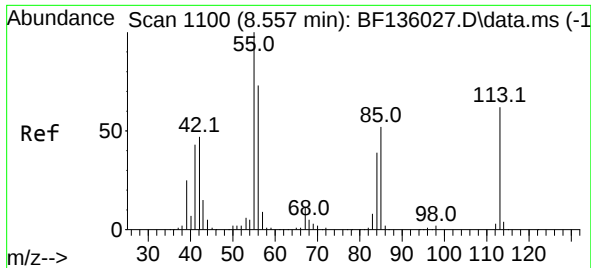


#34
Hexachlorobutadiene
Concen: 42.611 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:225 Resp: 219836
Ion Ratio Lower Upper
225 100
223 64.8 50.3 75.5
227 64.3 50.6 75.8





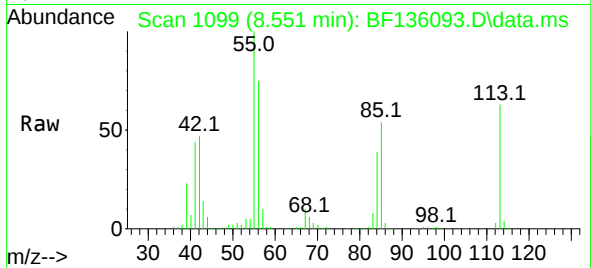
#35
Caprolactam
Concen: 45.918 ng m
RT: 8.551 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS



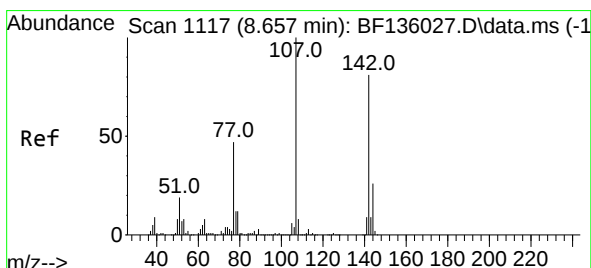
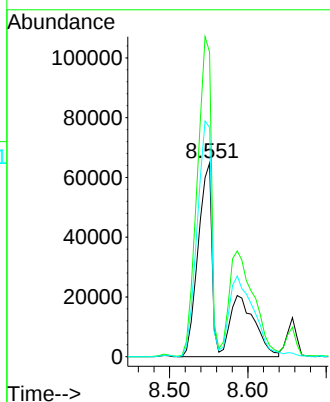
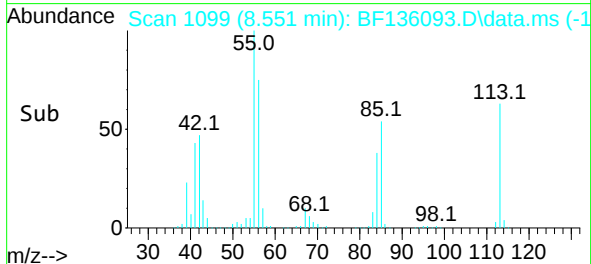
Tgt Ion:113 Resp: 123128
Ion Ratio Lower Upper
113 100
55 157.5 142.2 182.2
56 118.4 97.7 137.7

Manual Integrations

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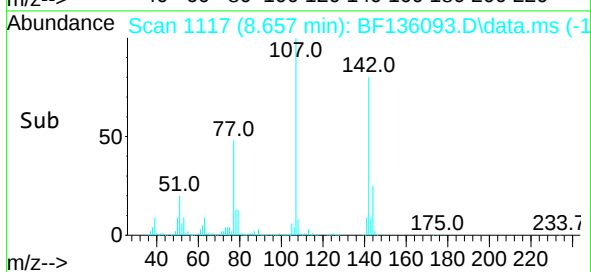
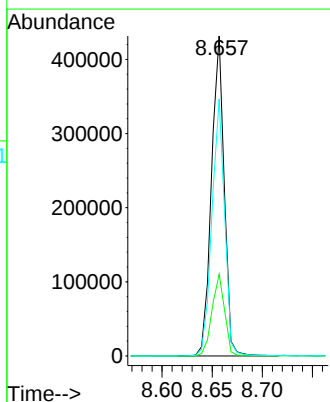
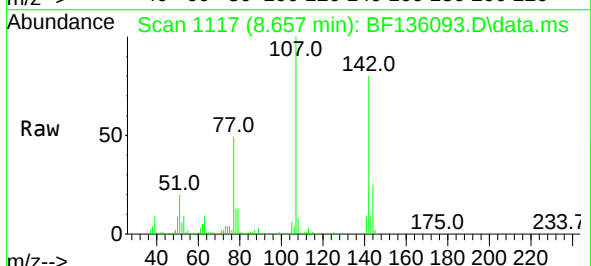
Reviewed By :Yogesh Patel 11/03/2023

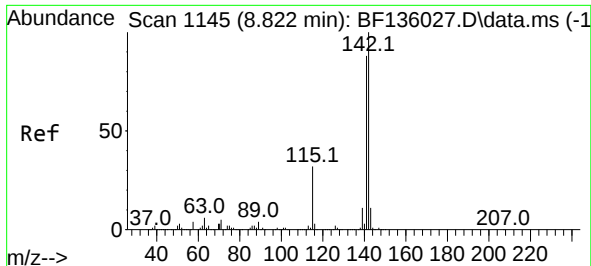
Supervised By :mohammad ahmed 11/03/2023



#36
4-Chloro-3-methylphenol
Concen: 44.162 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:107 Resp: 382346
Ion Ratio Lower Upper
107 100
144 25.5 20.6 31.0
142 80.3 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.136 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

Tgt Ion:142 Resp: 784714

Ion Ratio Lower Upper

142 100

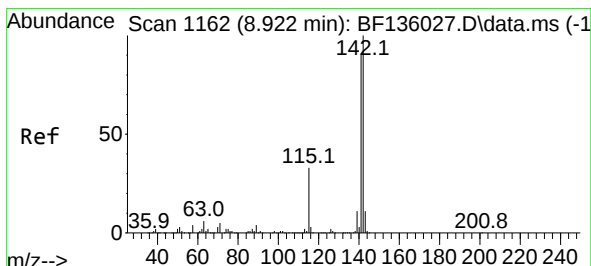
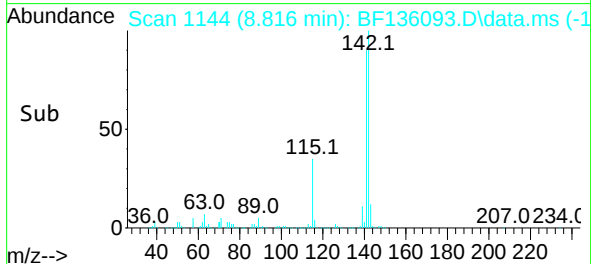
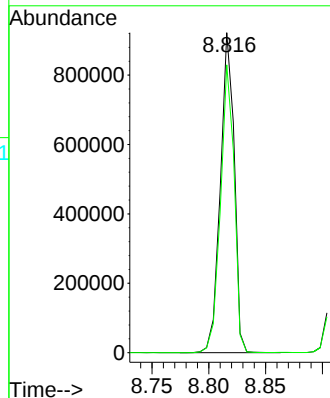
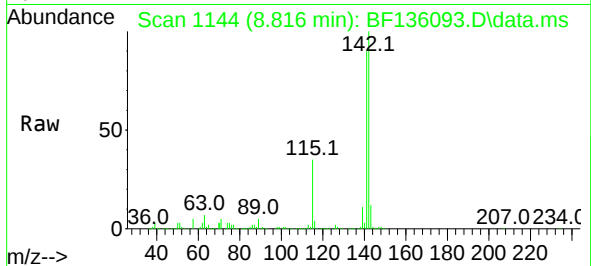
141 90.0 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#38

1-Methylnaphthalene

Concen: 41.141 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136093.D

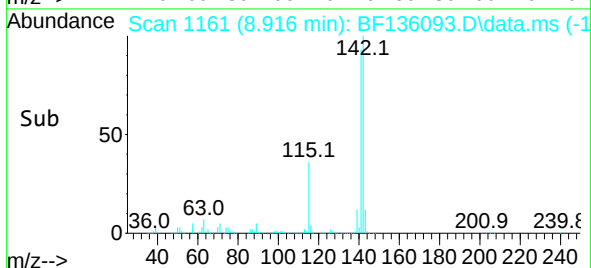
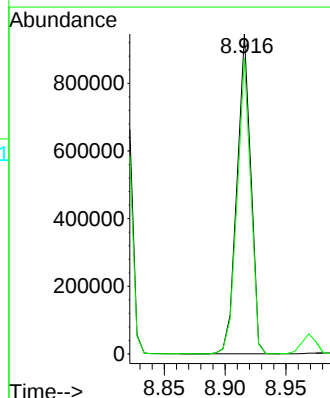
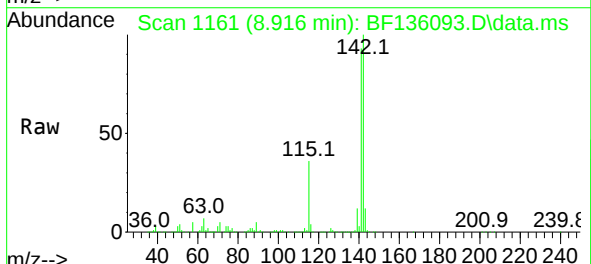
Acq: 02 Nov 2023 13:54

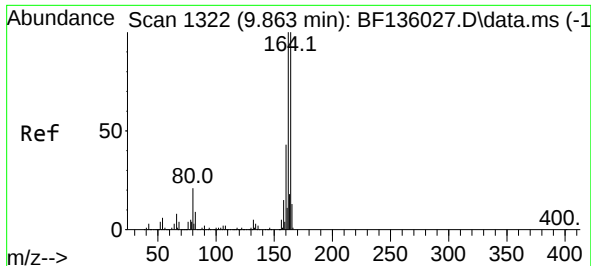
Tgt Ion:142 Resp: 748548

Ion Ratio Lower Upper

142 100

141 92.6 72.6 109.0





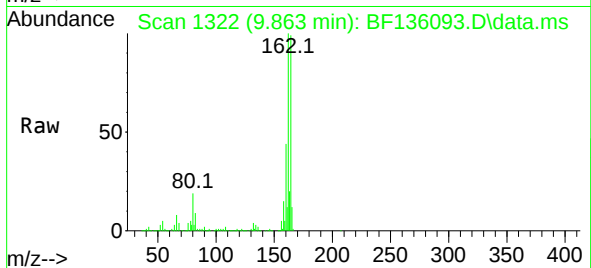
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

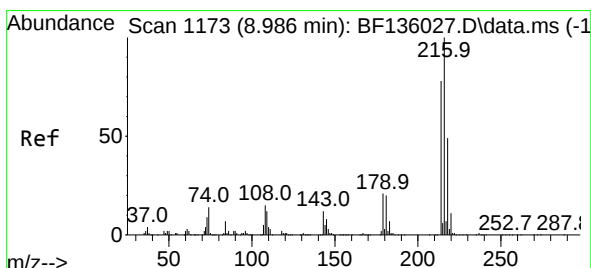
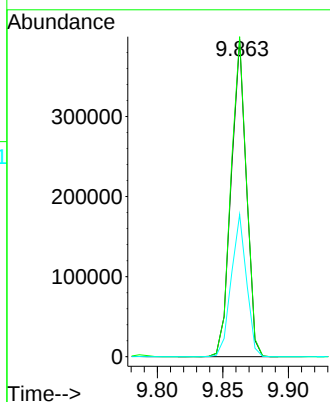
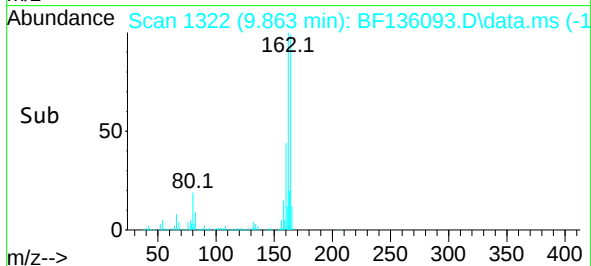


Tgt Ion:164 Resp: 32052
Ion Ratio Lower Upper
164 100
162 100.9 80.1 120.1
160 44.9 34.8 52.2

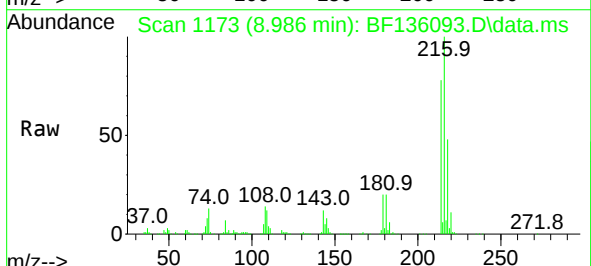
Manual Integrations

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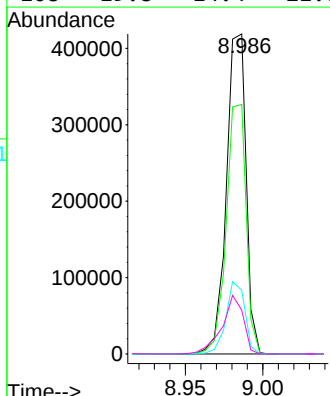
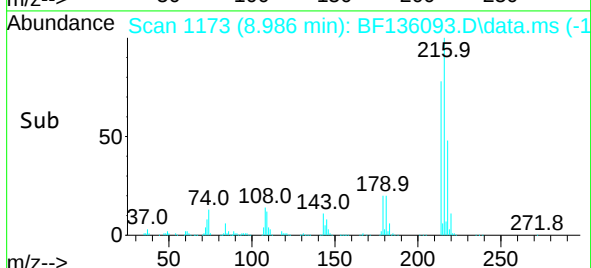
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

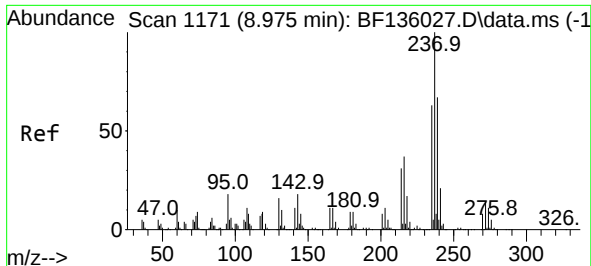


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.466 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



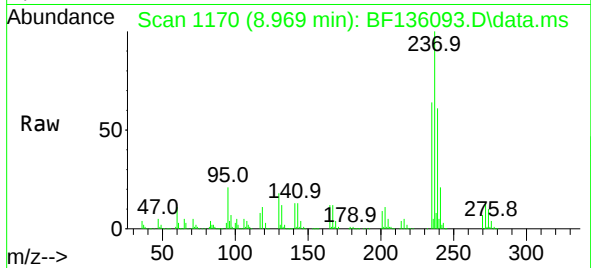
Tgt Ion:216 Resp: 369904
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.6
179 21.6 17.5 26.3
108 19.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 81.993 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

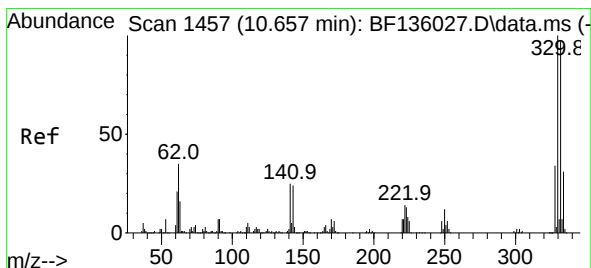
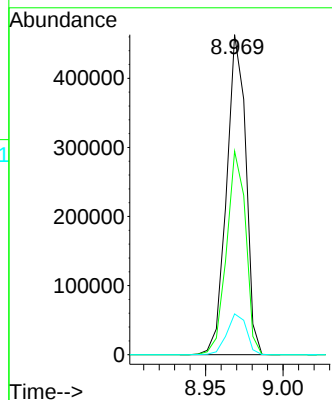
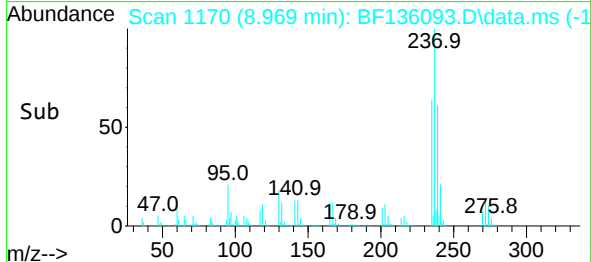
Instrument :
BNA_F
ClientSampleId :
PB156666BS



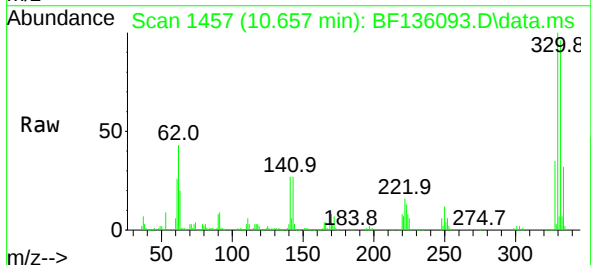
Tgt Ion:237 Resp: 40041
Ion Ratio Lower Upper
237 100
235 63.6 43.3 83.3
272 12.8 0.0 34.2

Manual Integrations
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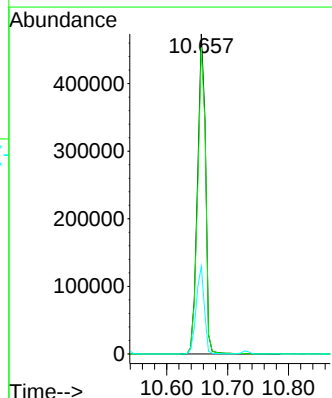
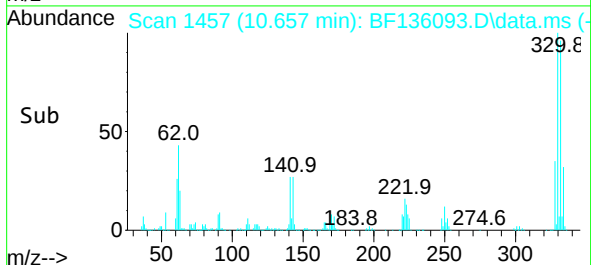
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

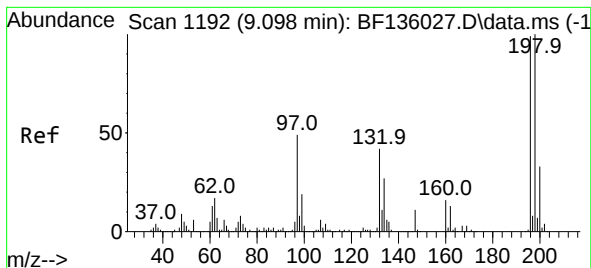


#42
2,4,6-Tribromophenol
Concen: 125.915 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:330 Resp: 430776
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 27.9 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 43.671 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF136093.D

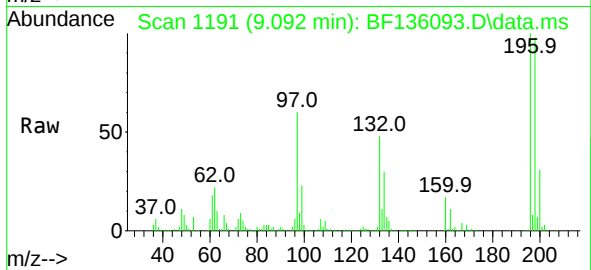
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS



Tgt Ion:196 Resp: 260280

Ion Ratio Lower Upper

196 100

198 97.8 80.7 121.1

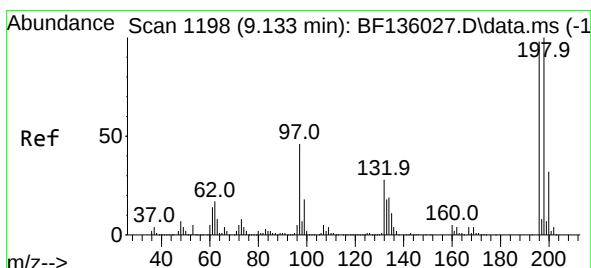
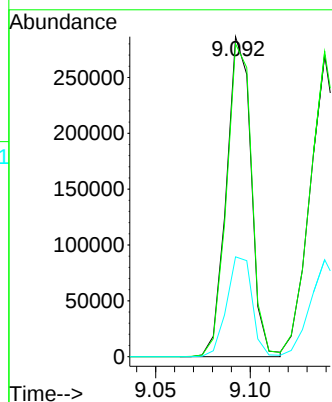
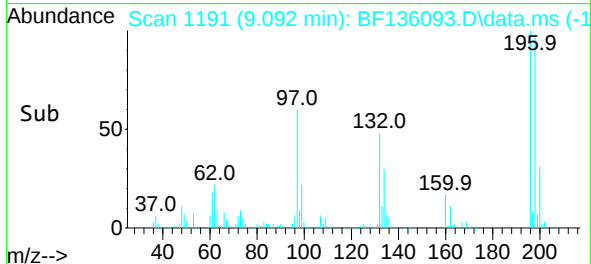
200 31.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#44

2,4,5-Trichlorophenol

Concen: 41.049 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

Tgt Ion:196 Resp: 283407

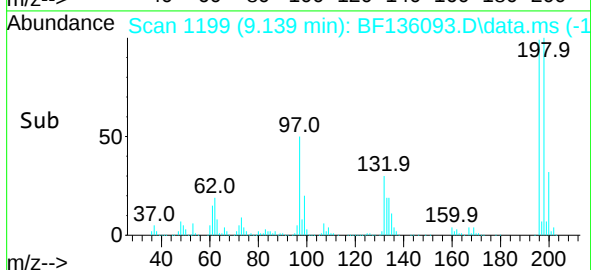
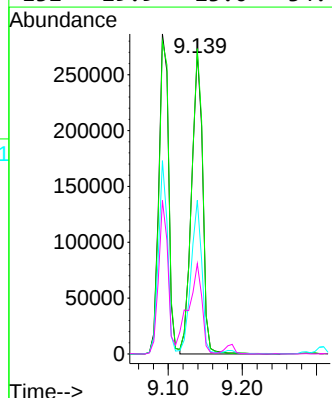
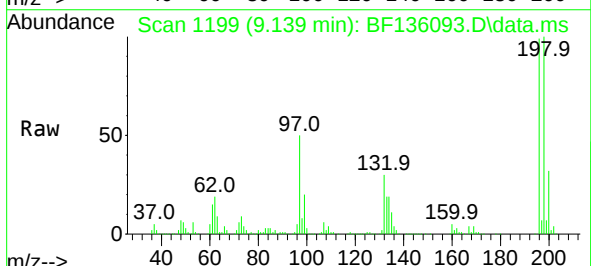
Ion Ratio Lower Upper

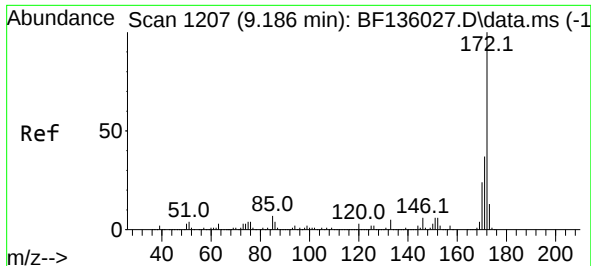
196 100

198 101.2 81.6 122.4

97 50.9 38.2 57.2

132 29.9 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 75.372 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

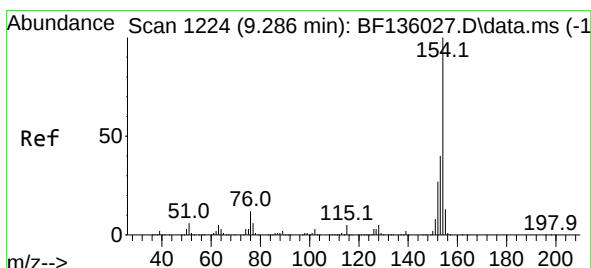
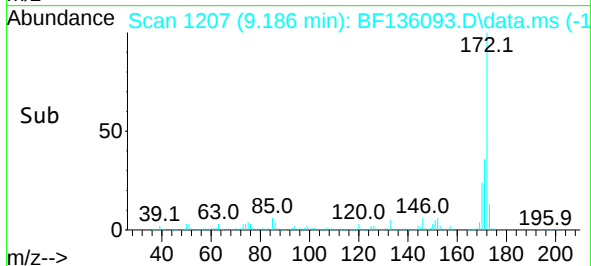
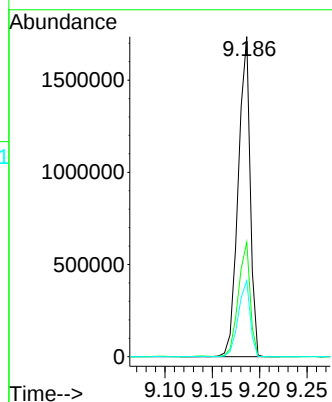
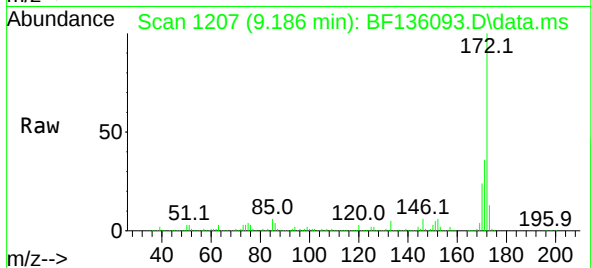
PB156666BS

Tgt Ion:172 Resp: 1515490
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.7 19.3 28.9

Manual Integrations

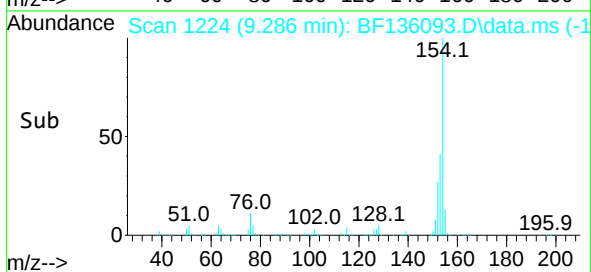
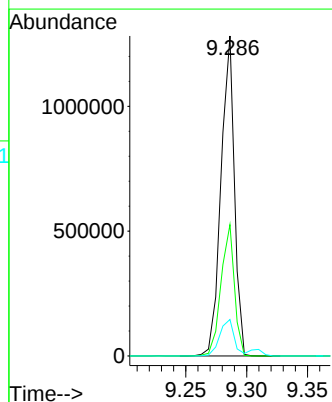
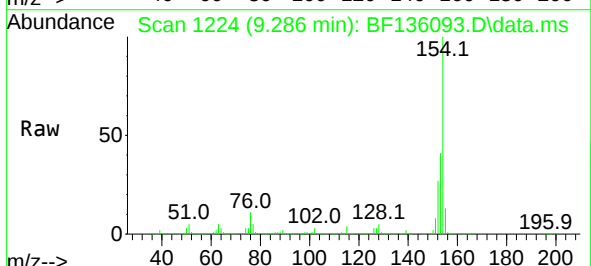
APPROVED

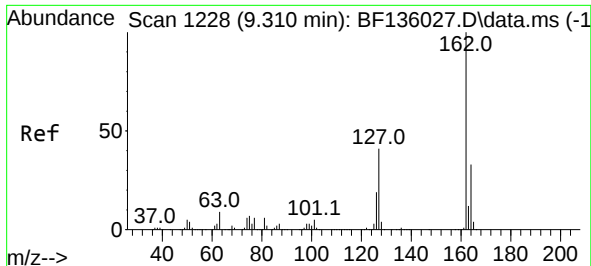
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#46
1,1'-Biphenyl
Concen: 40.393 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:154 Resp: 986969
Ion Ratio Lower Upper
154 100
153 41.1 20.1 60.1
76 11.4 0.0 32.5





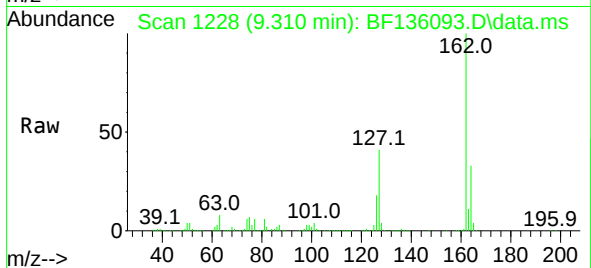
#47
2-Chloronaphthalene
Concen: 42.526 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

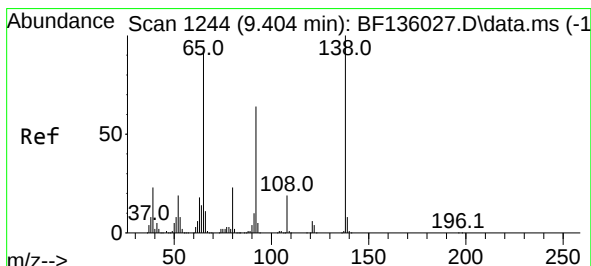
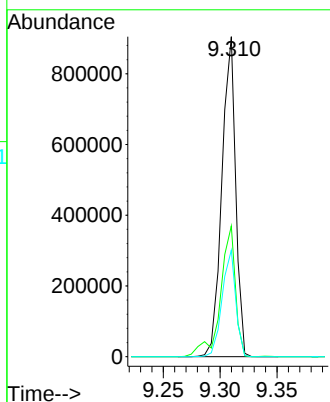
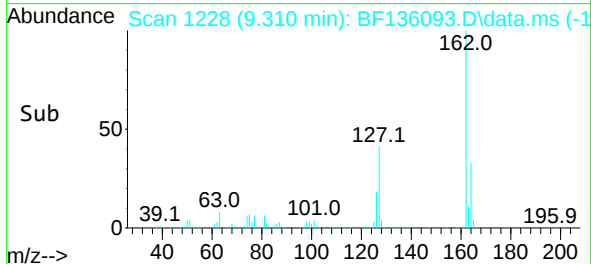
PB156666BS



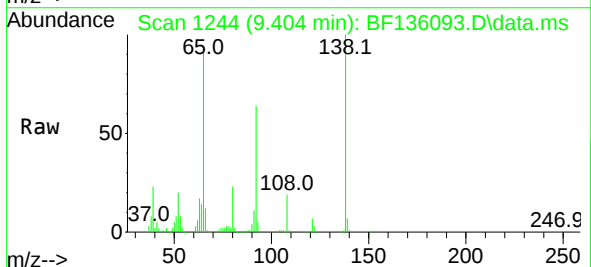
Tgt Ion:162 Resp: 766008
Ion Ratio Lower Upper
162 100
127 40.8 32.4 48.6
164 33.3 26.7 40.1

Manual Integrations
APPROVED

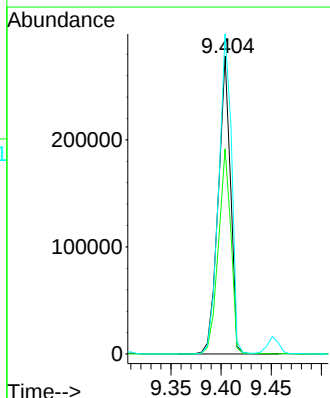
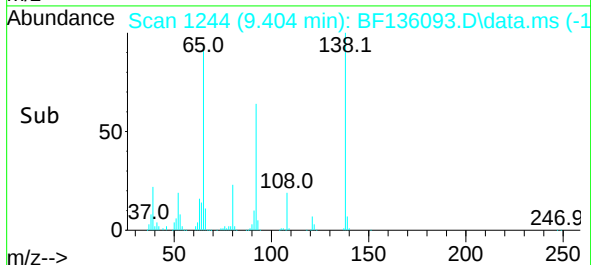
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

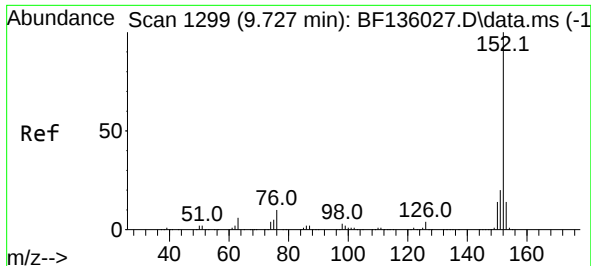


#48
2-Nitroaniline
Concen: 44.545 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion: 65 Resp: 237458
Ion Ratio Lower Upper
65 100
92 68.9 55.7 83.5
138 107.5 86.8 130.2





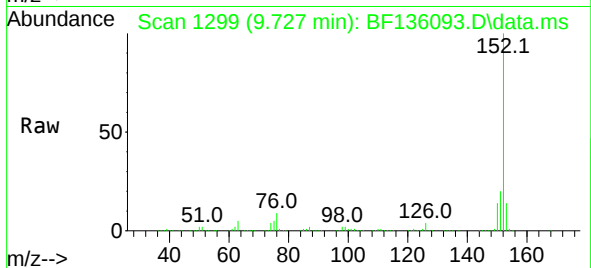
#49
Acenaphthylene
Concen: 42.476 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

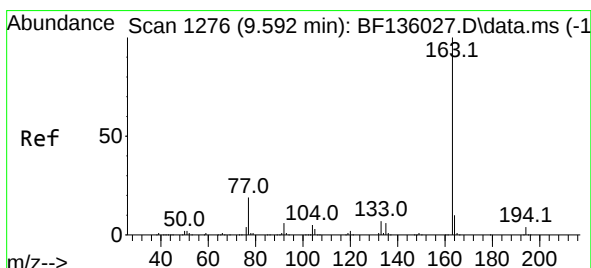
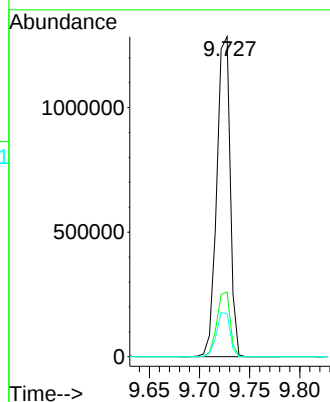
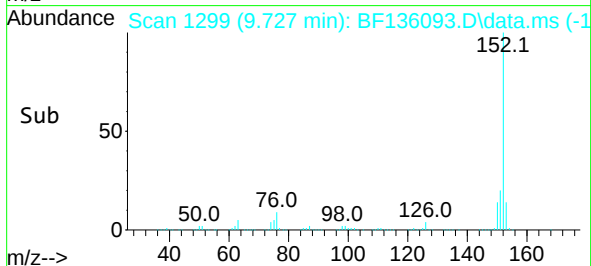


Tgt Ion:152 Resp: 1193590
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.5 11.4 17.2

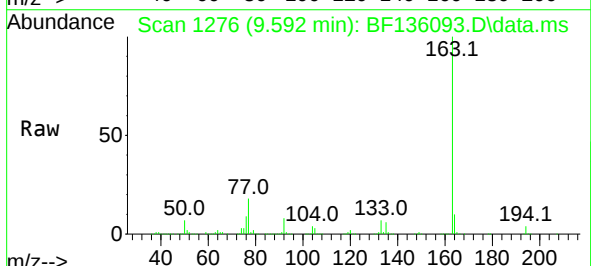
Manual Integrations

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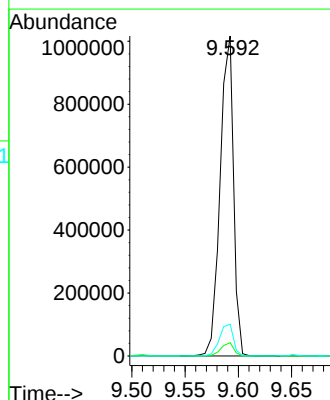
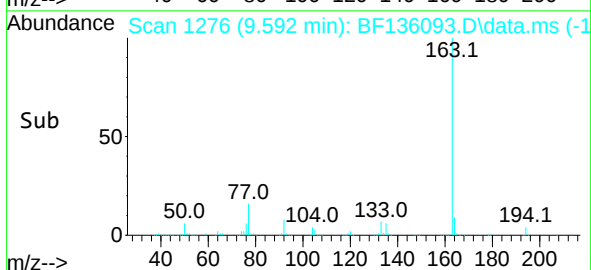
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

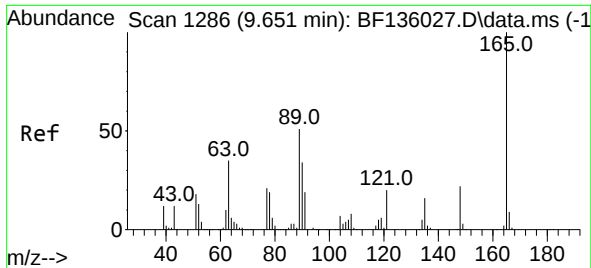


#50
Dimethylphthalate
Concen: 41.764 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:163 Resp: 882981
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.890 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

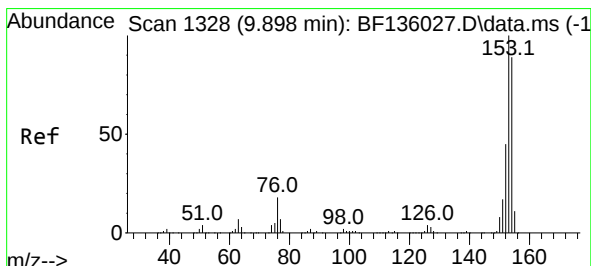
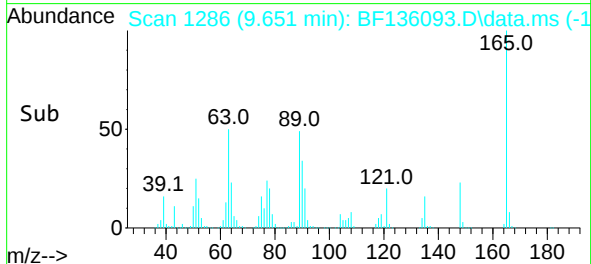
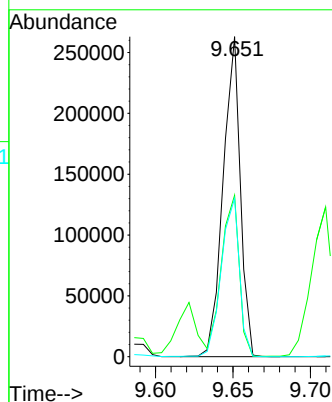
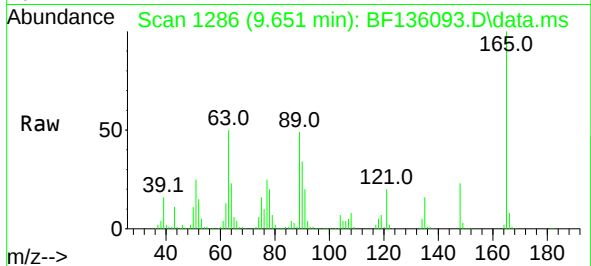
ClientSampleId :

PB156666BS

Tgt Ion:165 Resp: 202988
Ion Ratio Lower Upper
165 100
63 50.4 40.8 61.2
89 49.4 41.1 61.7

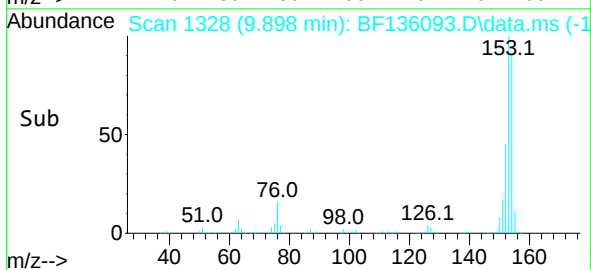
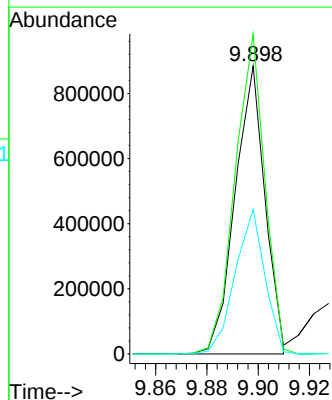
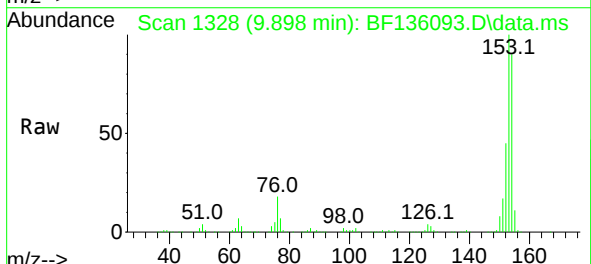
Manual Integrations
APPROVED

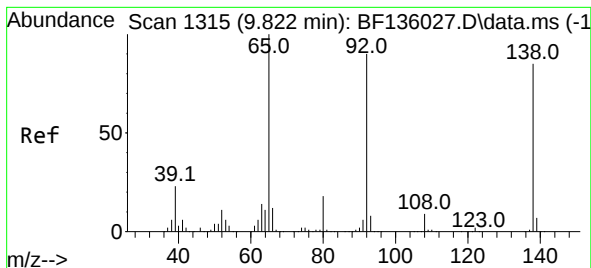
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#52
Acenaphthene
Concen: 40.196 ng m
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:154 Resp: 718037
Ion Ratio Lower Upper
154 100
153 111.1 89.9 134.9
152 50.2 40.2 60.2





#53
3-Nitroaniline
Concen: 33.328 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

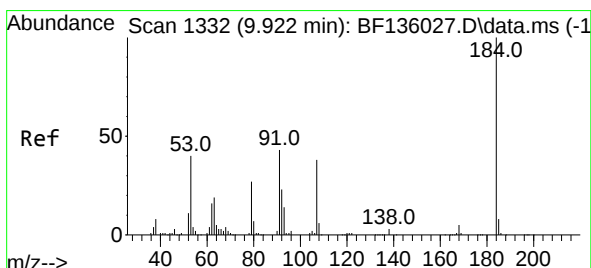
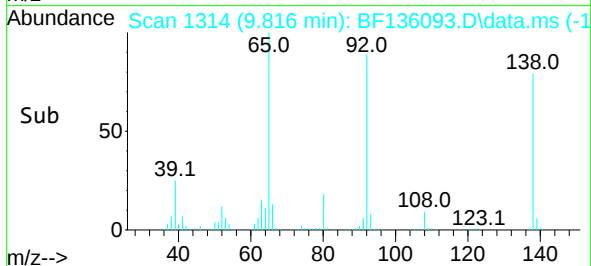
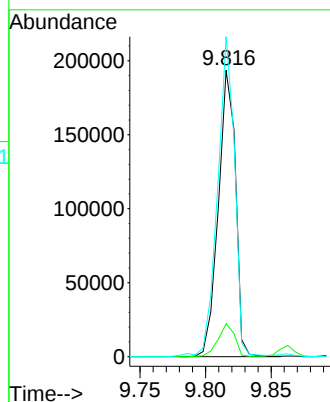
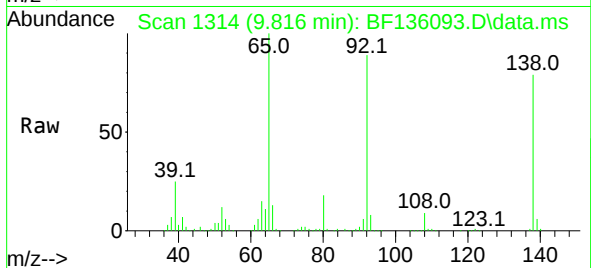
ClientSampleId :

PB156666BS

Tgt Ion:138 Resp: 17584
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 111.7 84.6 126.8

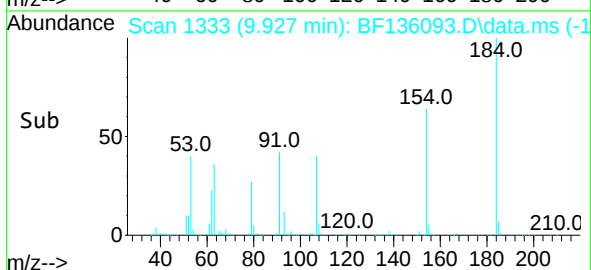
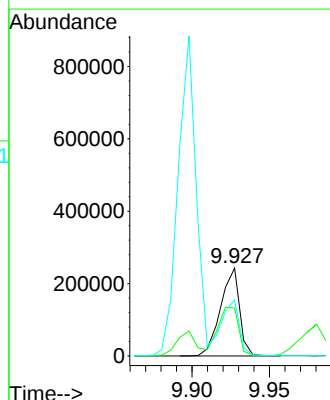
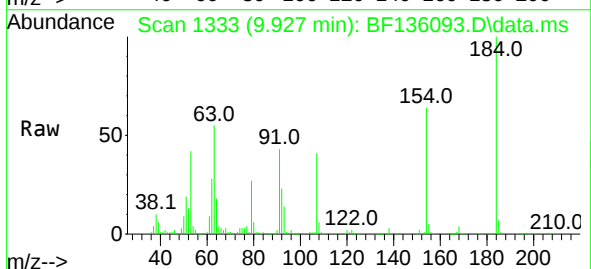
Manual Integrations
APPROVED

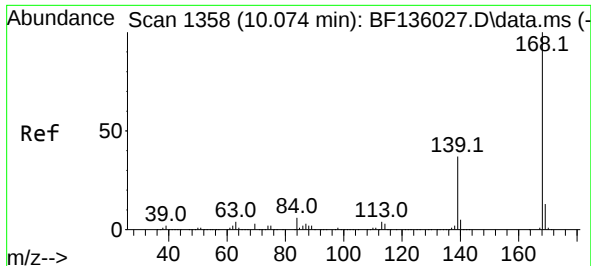
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#54
2,4-Dinitrophenol
Concen: 84.233 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.005 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

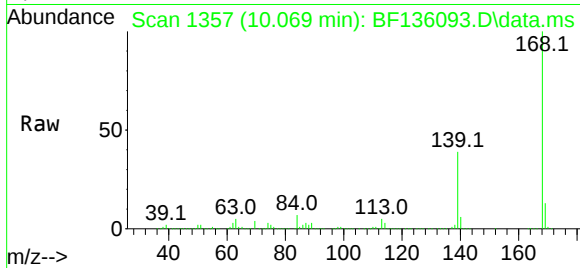
Tgt Ion:184 Resp: 207581
Ion Ratio Lower Upper
184 100
63 54.6 43.7 65.5
154 64.0 51.2 76.8





#55
Dibenzenofuran
Concen: 41.003 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

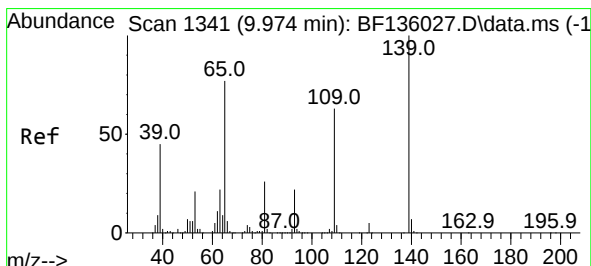
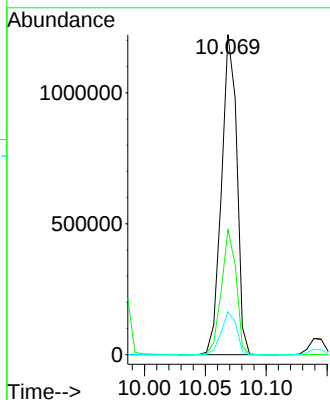
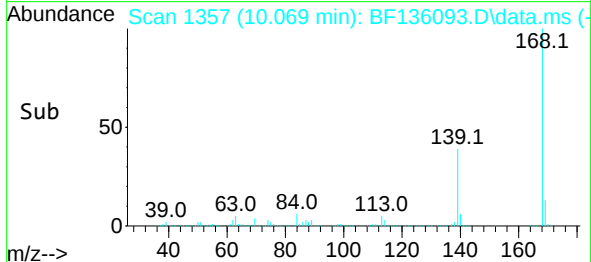
Instrument :
BNA_F
ClientSampleId :
PB156666BS



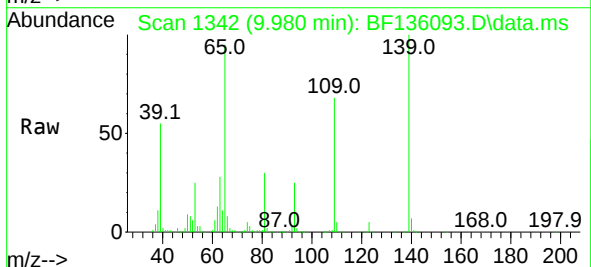
Tgt Ion:168 Resp: 106803
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 13.5 10.5 15.7

Manual Integrations
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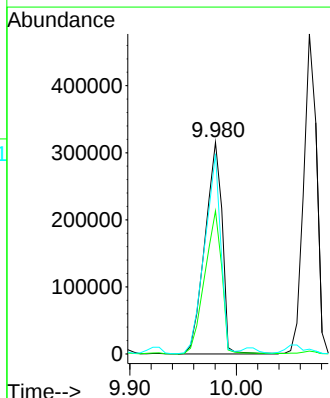
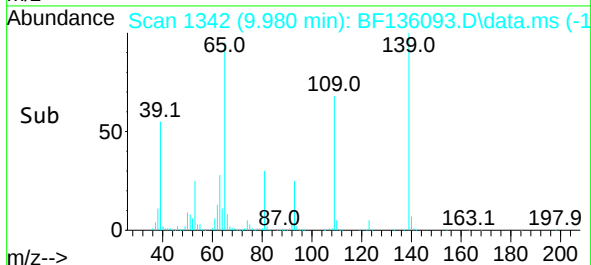
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

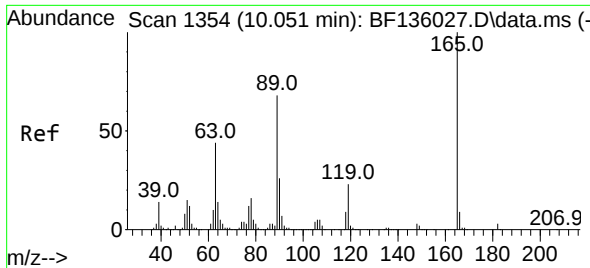


#56
4-Nitrophenol
Concen: 89.799 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:139 Resp: 354408
Ion Ratio Lower Upper
139 100
109 67.6 43.2 83.2
65 94.6 57.6 97.6





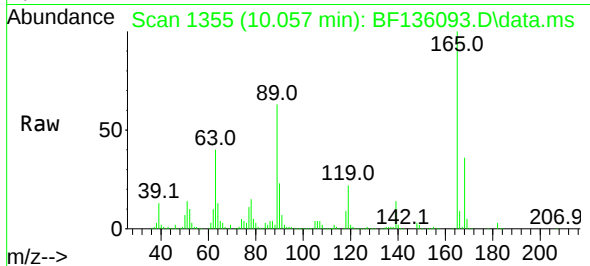
#57
2,4-Dinitrotoluene
Concen: 46.998 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

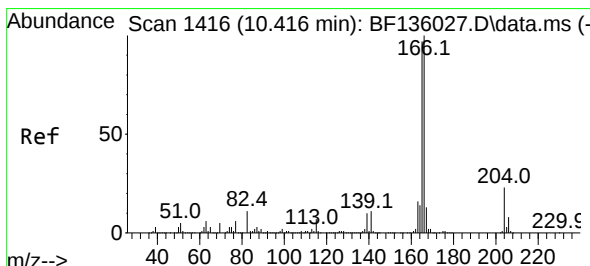
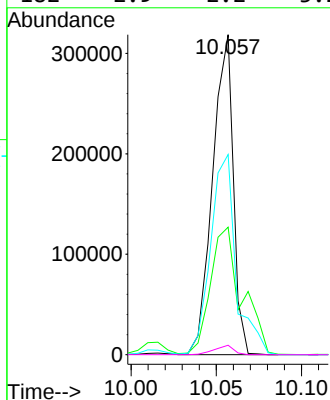
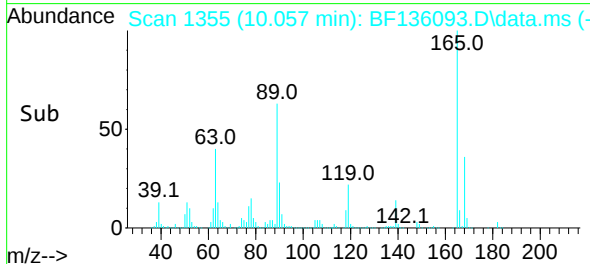
PB156666BS



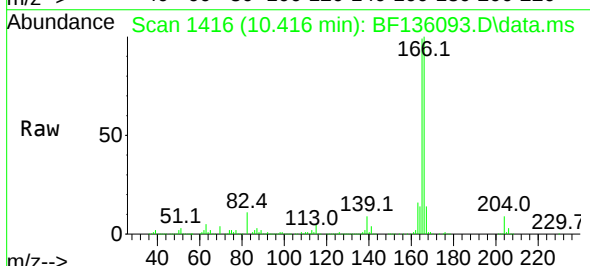
Tgt Ion:165 Resp: 26888
Ion Ratio Lower Upper
165 100
63 39.9 35.2 52.8
89 62.5 54.8 82.2
182 2.9 2.2 3.2

Manual Integrations
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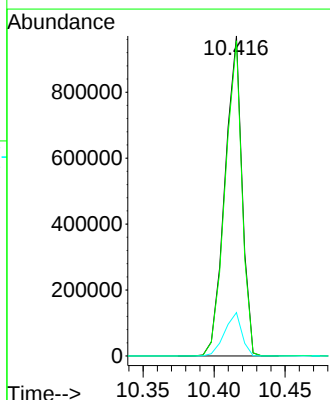
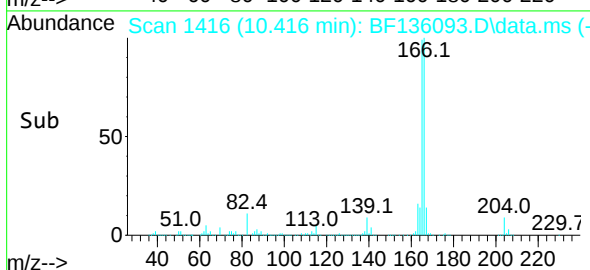
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

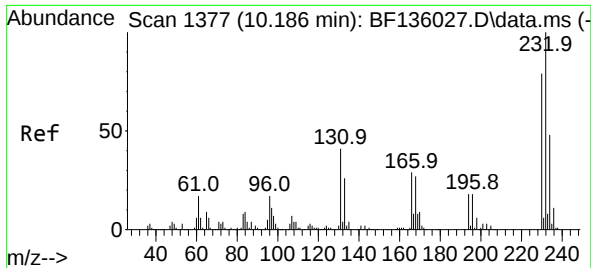


#58
Fluorene
Concen: 41.639 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



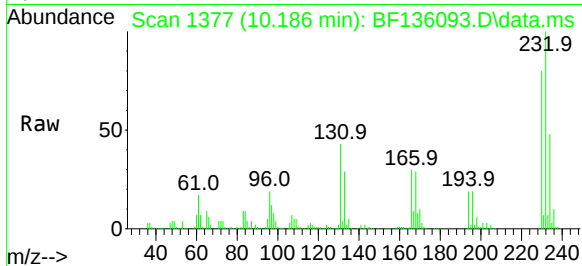
Tgt Ion:166 Resp: 812066
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.276 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

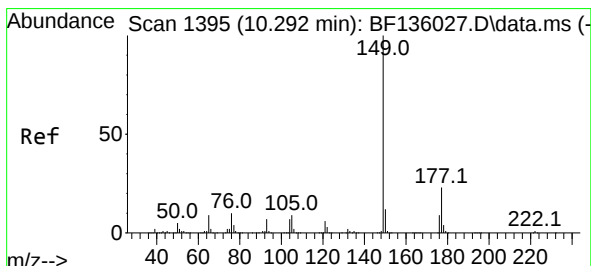
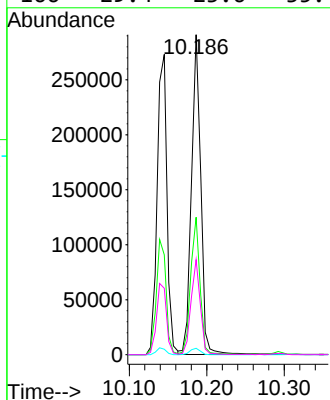
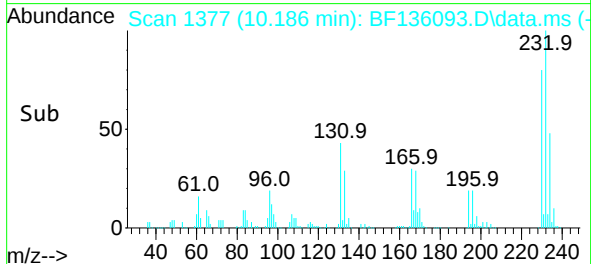
Instrument :
BNA_F
ClientSampleId :
PB156666BS



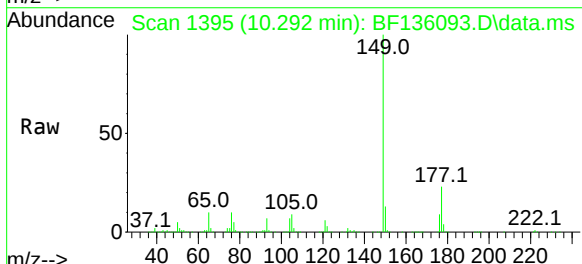
Tgt Ion:232 Resp: 243024
Ion Ratio Lower Upper
232 100
131 43.3 34.6 52.0
130 2.2 1.6 2.4
166 29.4 23.6 35.4

Manual Integrations
APPROVED

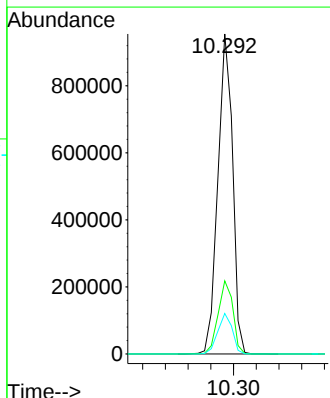
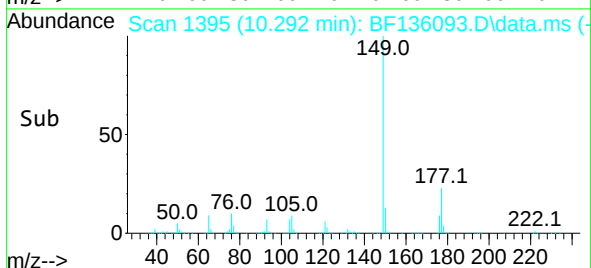
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

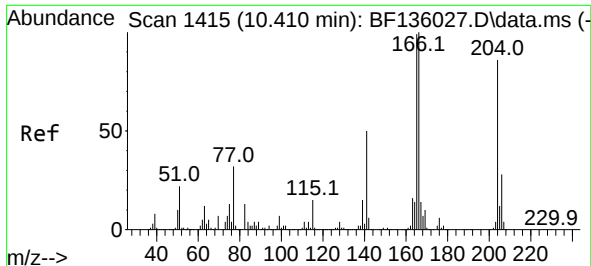


#60
Diethylphthalate
Concen: 42.617 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



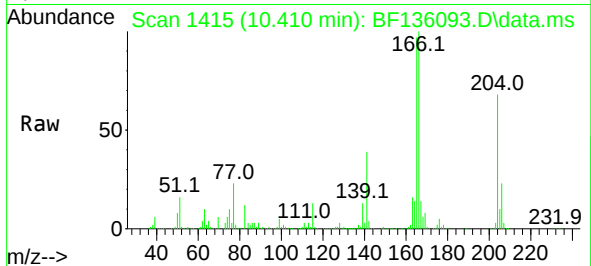
Tgt Ion:149 Resp: 860893
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.006 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

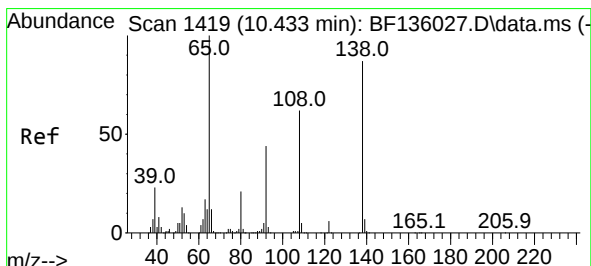
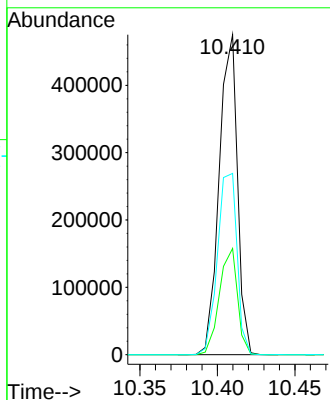
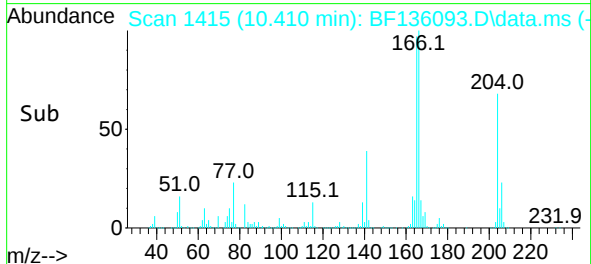
Instrument :
BNA_F
ClientSampleId :
PB156666BS



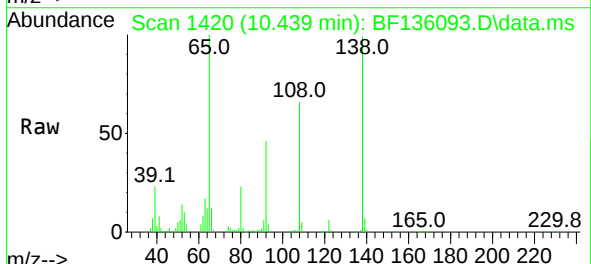
Tgt Ion:204 Resp: 38946
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 56.7 46.8 70.2

Manual Integrations
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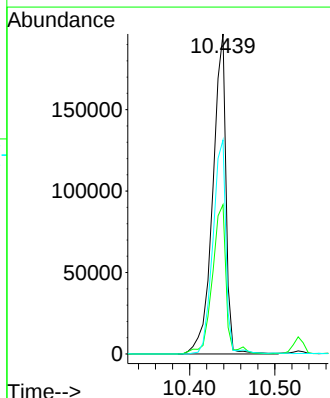
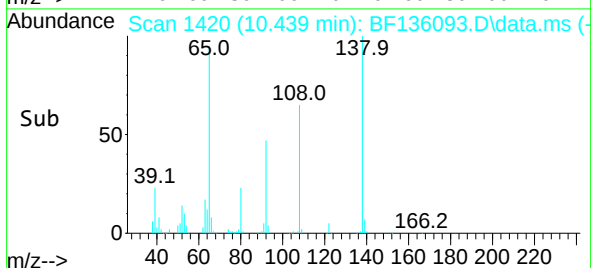
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

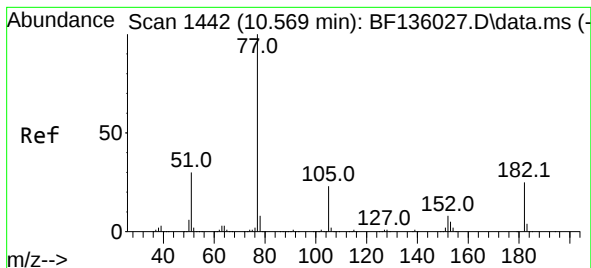


#62
4-Nitroaniline
Concen: 41.687 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:138 Resp: 211792
Ion Ratio Lower Upper
138 100
92 46.7 30.6 70.6
108 66.8 51.5 91.5





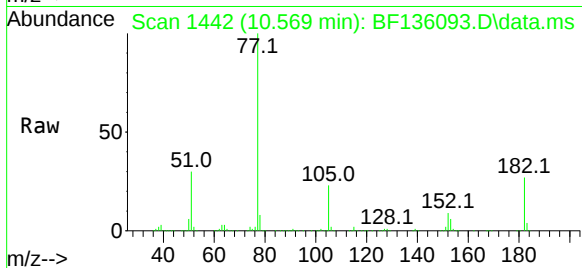
#63
Azobenzene
Concen: 41.673 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

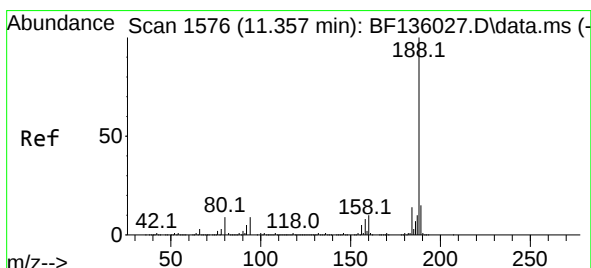
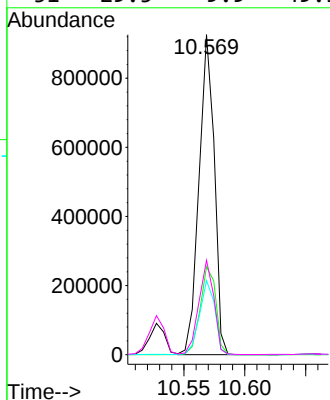
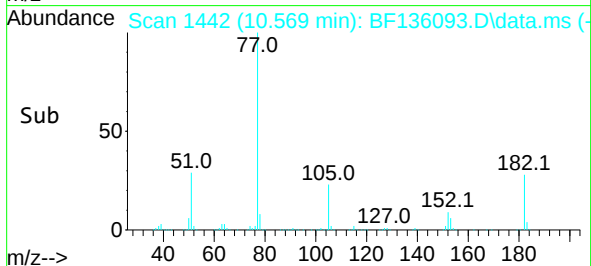


Tgt Ion: 77 Resp: 810724
Ion Ratio Lower Upper
77 100
182 27.5 5.0 45.0
105 23.2 2.6 42.6
51 29.5 9.9 49.9

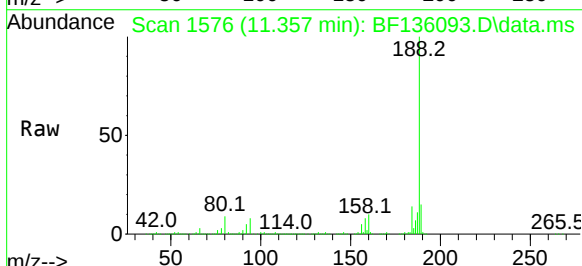
Manual Integrations

APPROVED

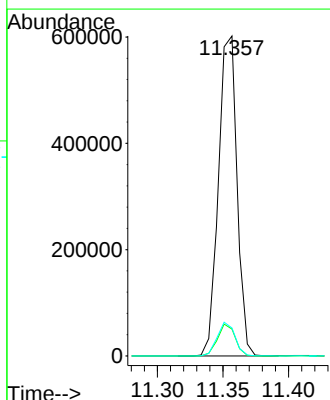
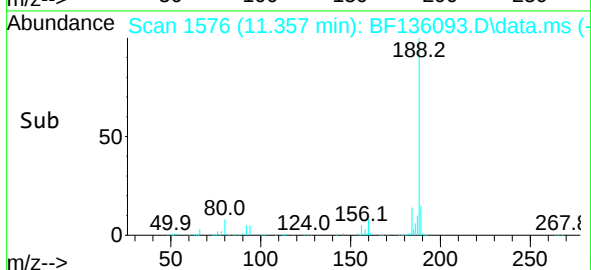
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

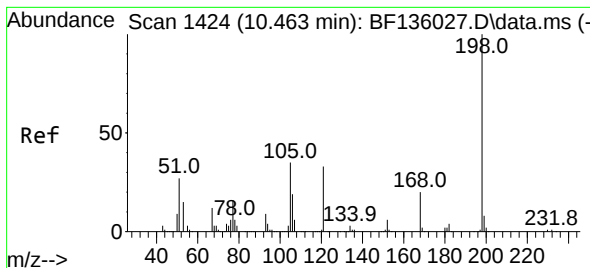


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



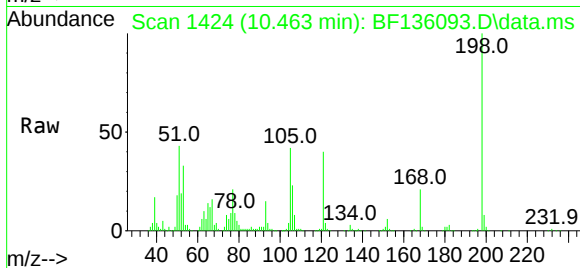
Tgt Ion:188 Resp: 593226
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.7 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 43.421 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

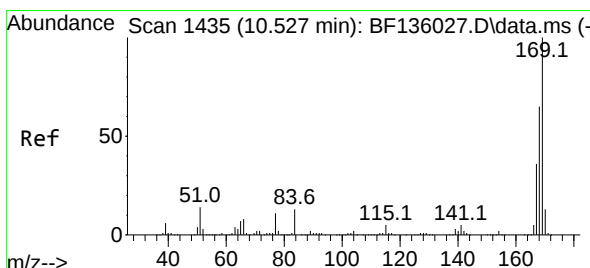
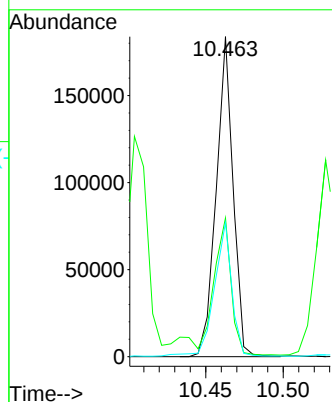
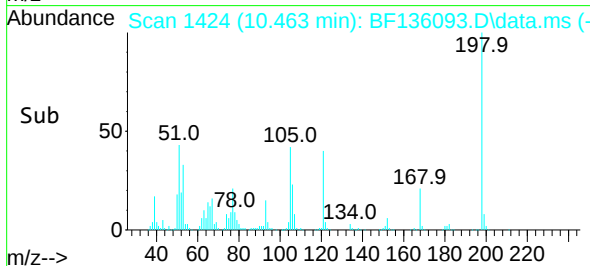
Instrument :
BNA_F
ClientSampleId :
PB156666BS



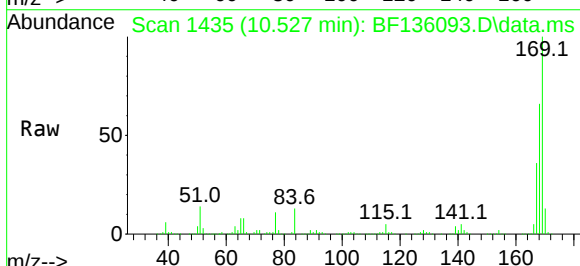
Tgt Ion:198 Resp: 13948
Ion Ratio Lower Upper
198 100
51 43.4 12.9 52.9
105 41.9 16.0 56.0

Manual Integrations
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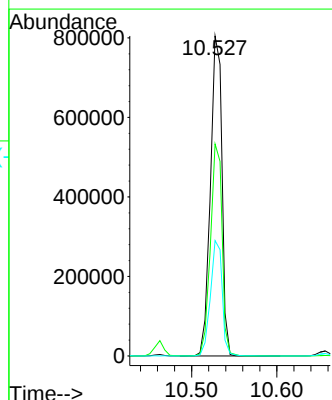
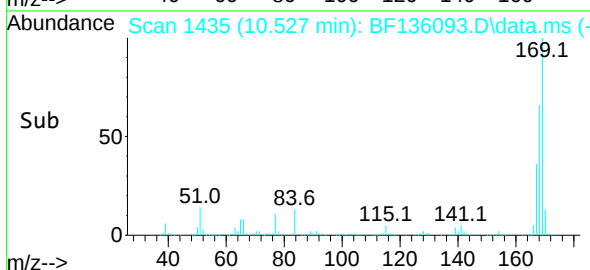
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

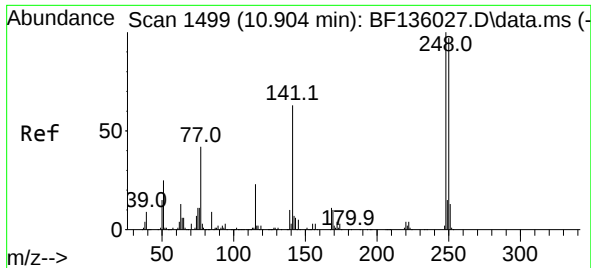


#66
n-Nitrosodiphenylamine
Concen: 42.241 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:169 Resp: 755927
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.2
167 36.0 28.7 43.1





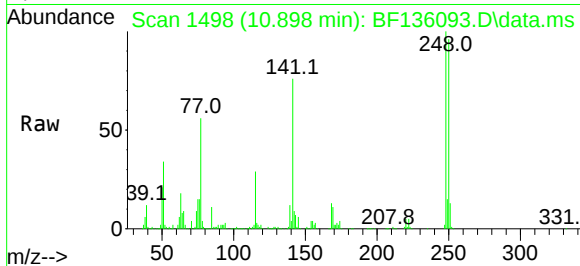
#67
4-Bromophenyl-phenylether
Concen: 42.841 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS



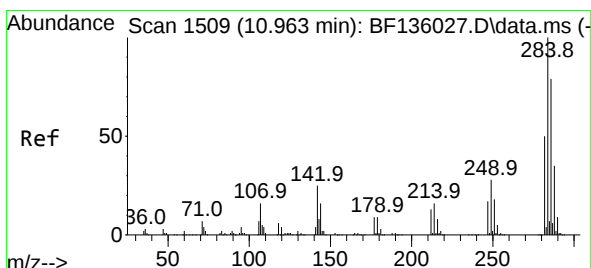
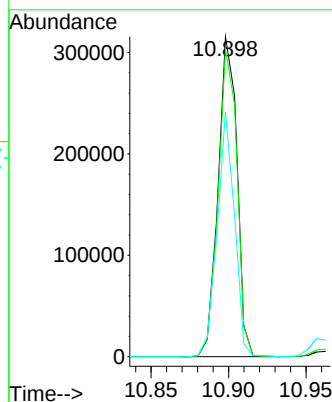
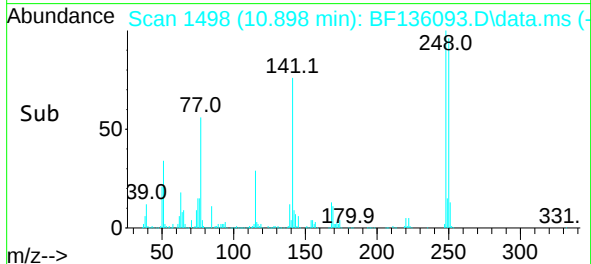
Tgt Ion:248 Resp: 266449
Ion Ratio Lower Upper
248 100
250 96.1 77.6 116.4
141 76.5 50.4 75.6

Manual Integrations

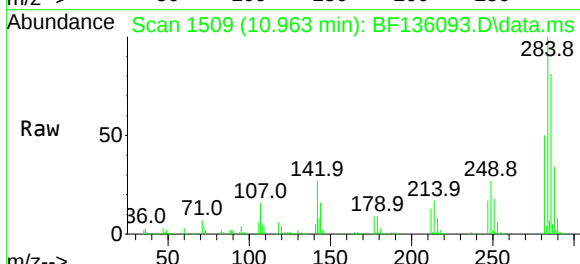
APPROVED

Reviewed By :Yogesh Patel 11/03/2023

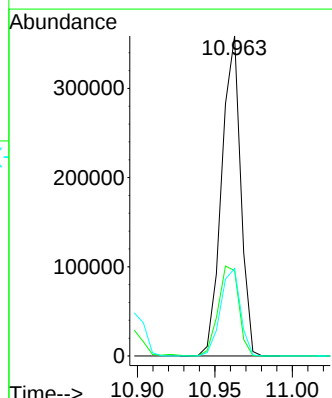
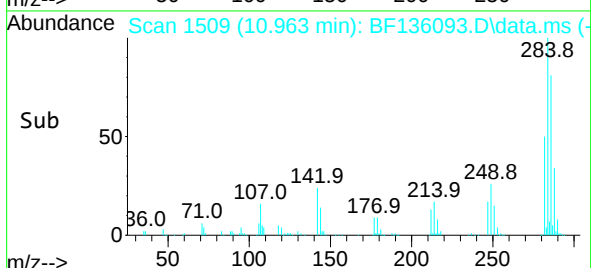
Supervised By :mohammad ahmed 11/03/2023

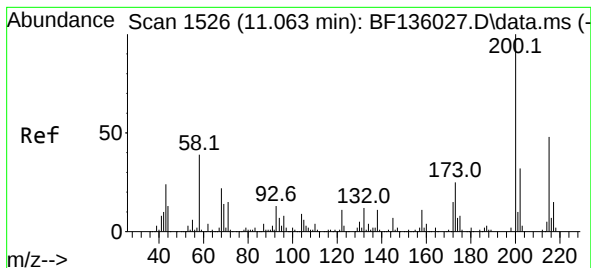


#68
Hexachlorobenzene
Concen: 45.998 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:284 Resp: 305547
Ion Ratio Lower Upper
284 100
142 26.6 20.2 30.4
249 27.4 22.6 33.8





#69

Atrazine

Concen: 50.251 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

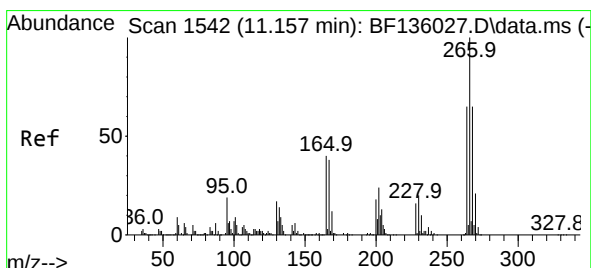
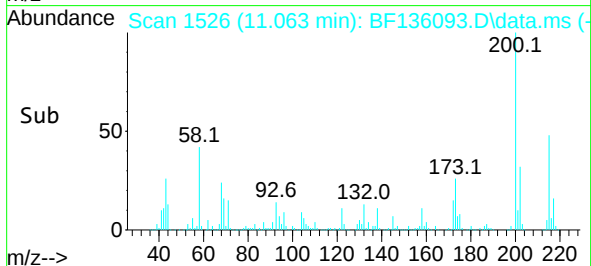
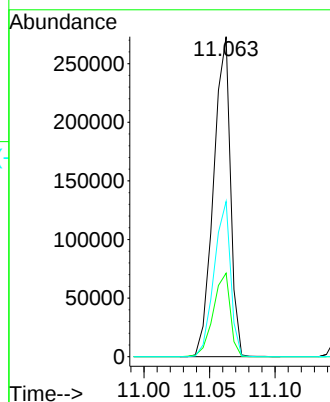
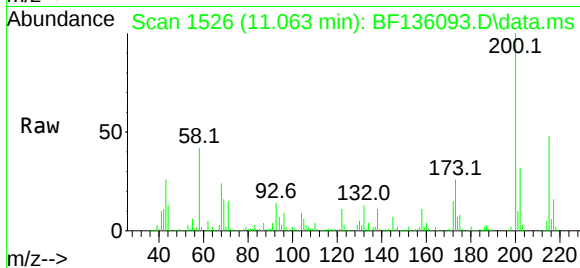
Tgt Ion:200 Resp: 24467
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.2 45.2
 215 48.5 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#70

Pentachlorophenol

Concen: 71.542 ng

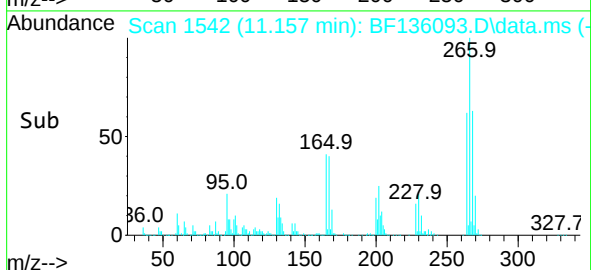
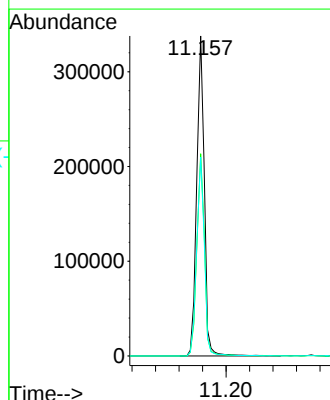
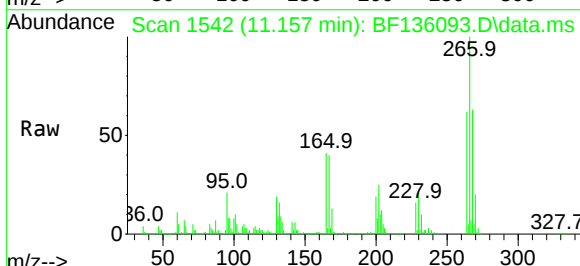
RT: 11.157 min Scan# 1542

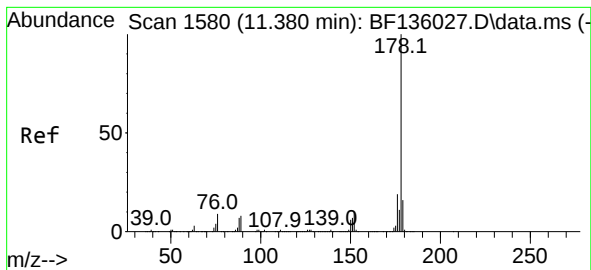
Delta R.T. 0.000 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

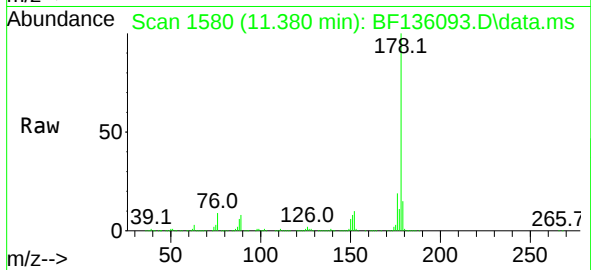
Tgt Ion:266 Resp: 305200
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.2 78.4
 264 62.1 52.2 78.4





#71
Phenanthrene
Concen: 42.303 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

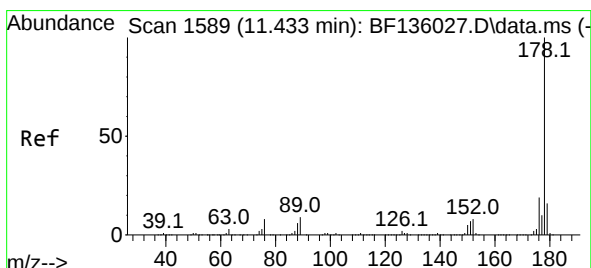
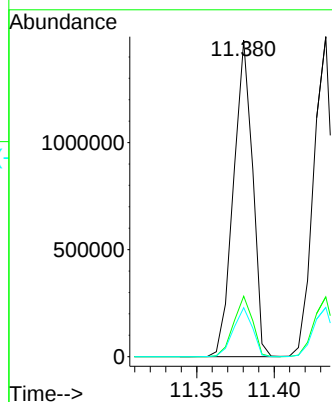
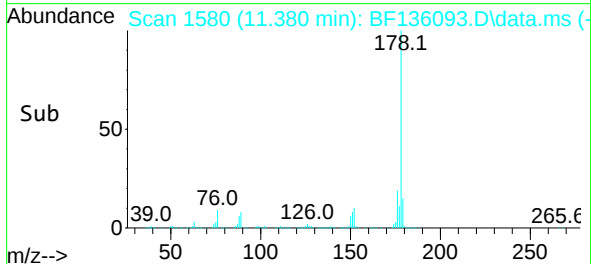
Instrument :
BNA_F
ClientSampleId :
PB156666BS



Tgt Ion:178 Resp: 126354
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 12.9 19.3

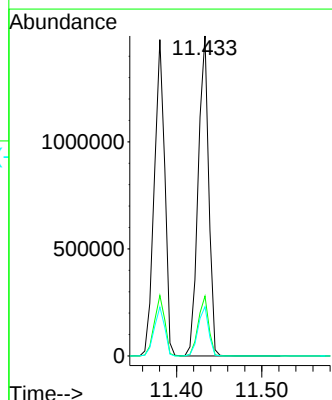
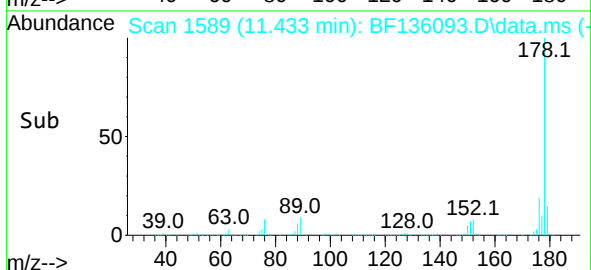
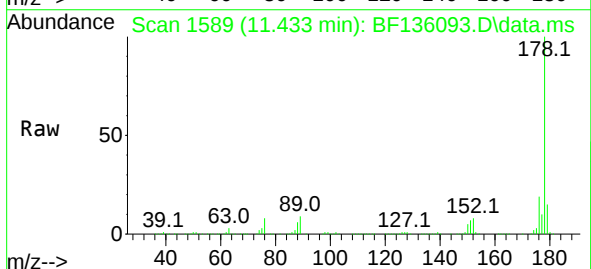
Manual Integrations
APPROVED

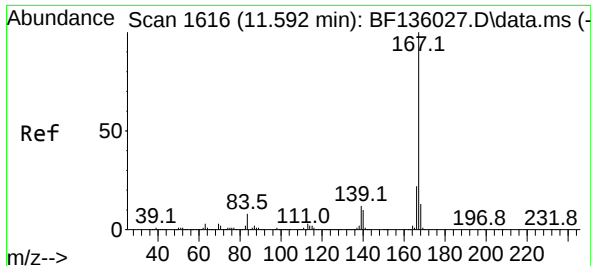
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#72
Anthracene
Concen: 41.910 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

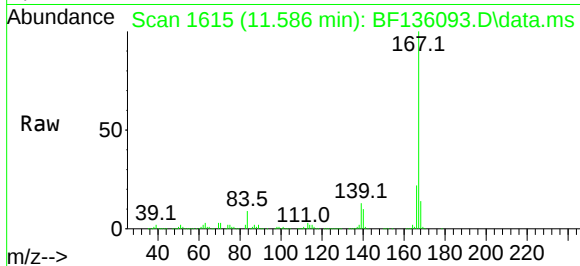
Tgt Ion:178 Resp: 1282716
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 42.044 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF136093.D
 Acq: 02 Nov 2023 13:54

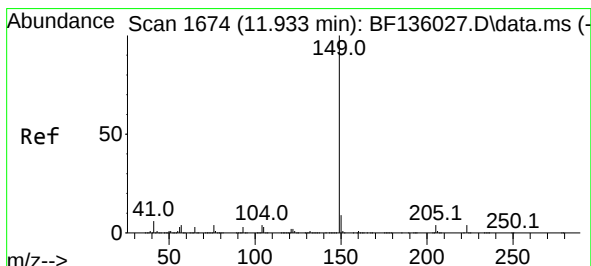
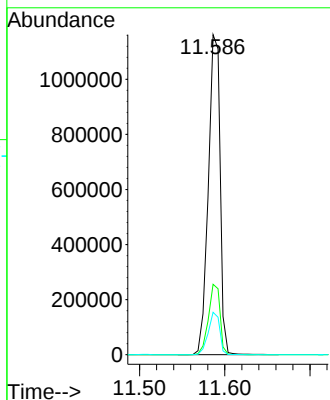
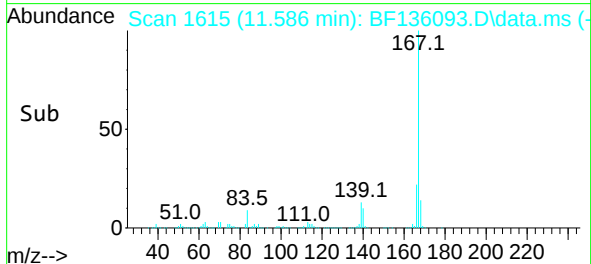
Instrument :
 BNA_F
 ClientSampleId :
 PB156666BS



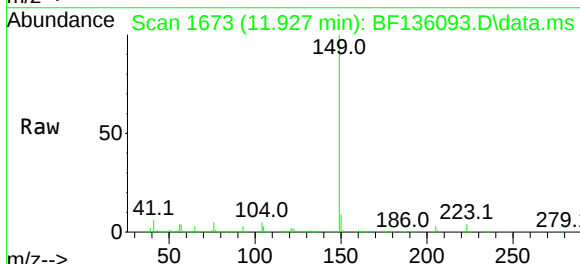
Tgt Ion:167 Resp: 1118250
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.3 9.9 14.9

Manual Integrations
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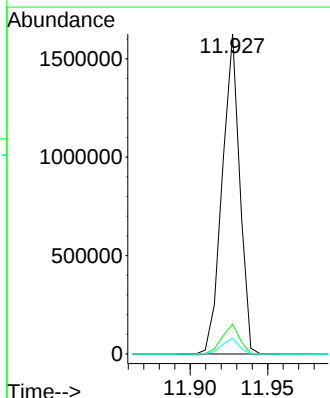
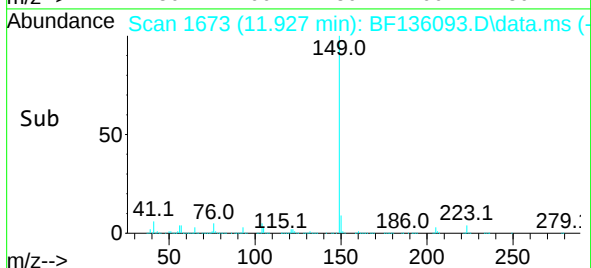
Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

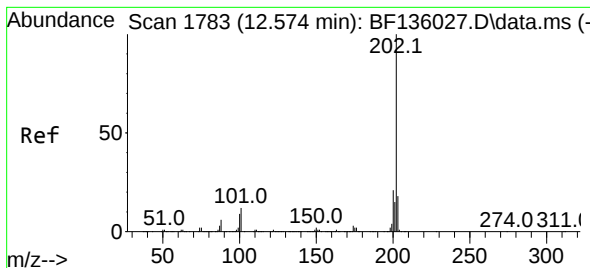


#74
 Di-n-butylphthalate
 Concen: 41.970 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF136093.D
 Acq: 02 Nov 2023 13:54



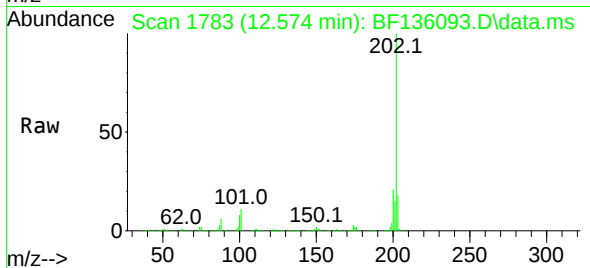
Tgt Ion:149 Resp: 1275524
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.9 3.6 5.4





#75
Fluoranthene
Concen: 40.225 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

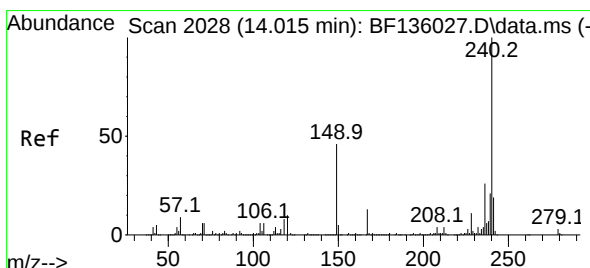
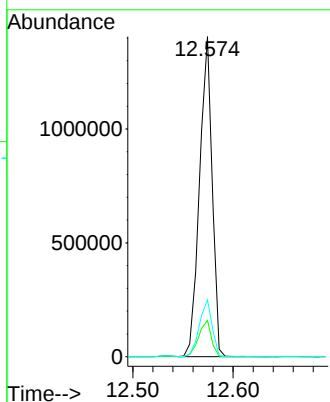
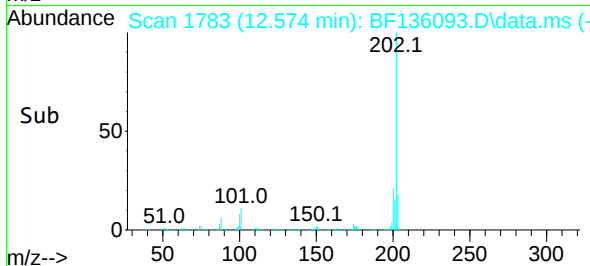
Instrument :
BNA_F
ClientSampleId :
PB156666BS



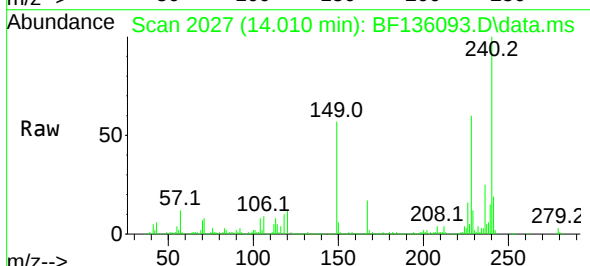
Tgt Ion:202 Resp: 1234300
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.8
203 17.7 0.0 37.9

Manual Integrations
APPROVED

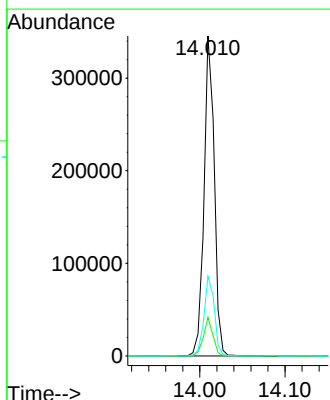
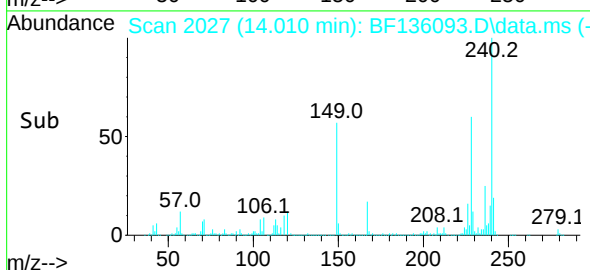
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

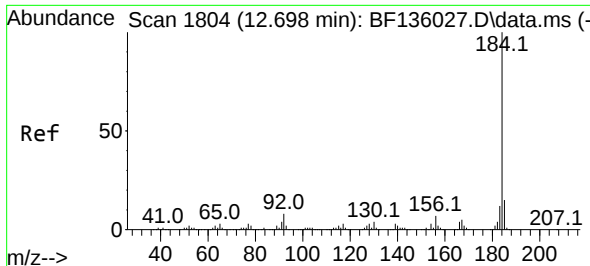


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:240 Resp: 288553
Ion Ratio Lower Upper
240 100
120 12.1 7.6 11.4#
236 24.9 20.6 31.0





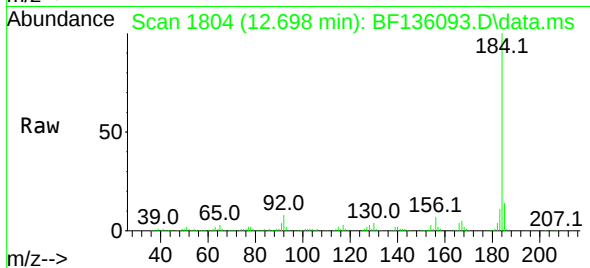
#77
Benzidine
Concen: 30.703 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

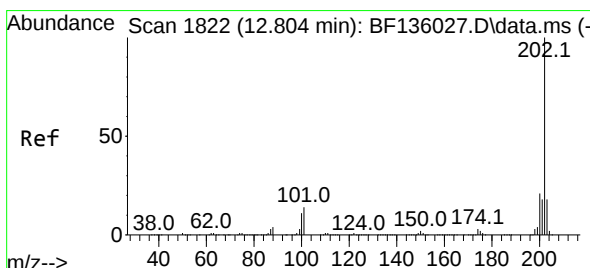
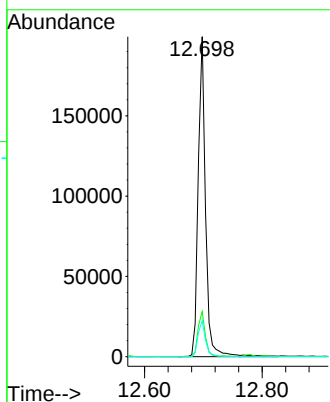
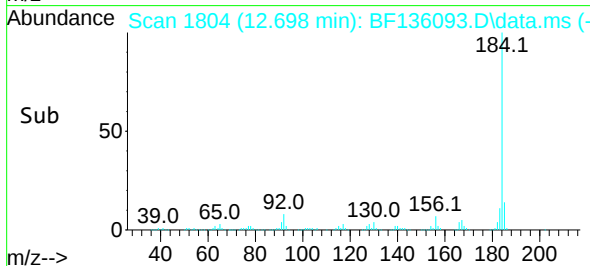


Tgt Ion:184 Resp: 172680
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.1 9.5 14.3

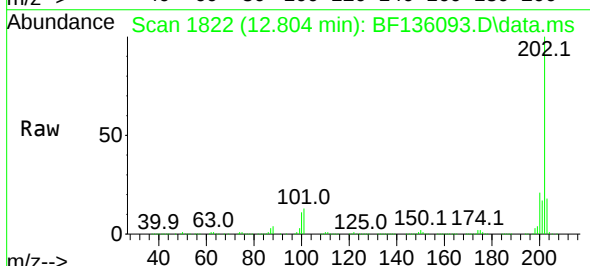
Manual Integrations

APPROVED

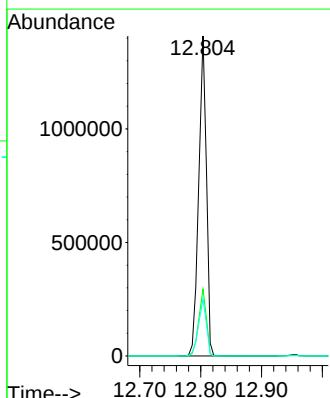
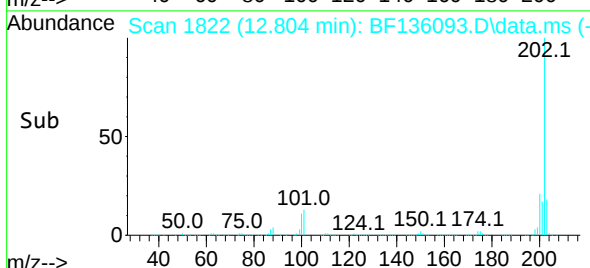
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

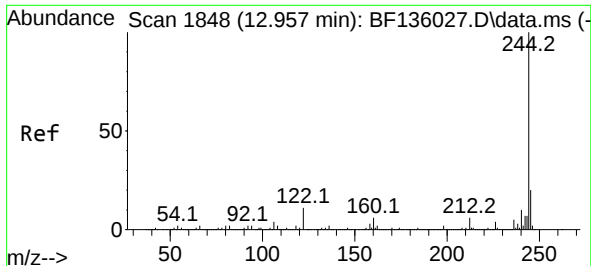


#78
Pyrene
Concen: 48.889 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:202 Resp: 1243759
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.6 14.4 21.6





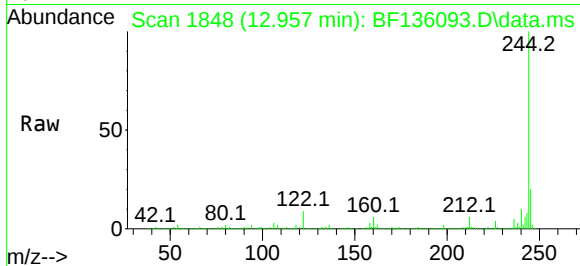
#79
 Terphenyl-d14
 Concen: 90.451 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136093.D
 Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

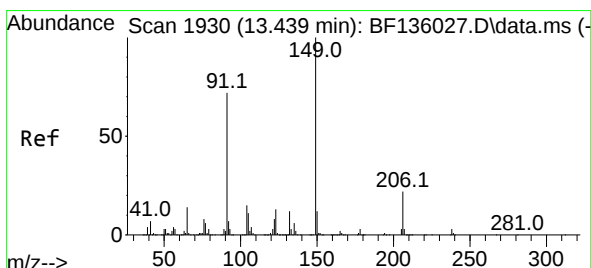
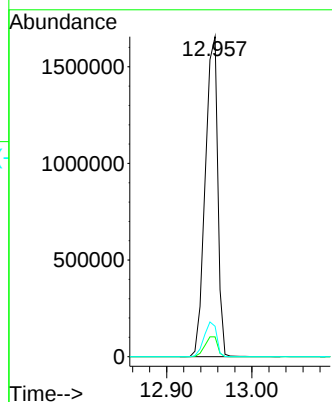
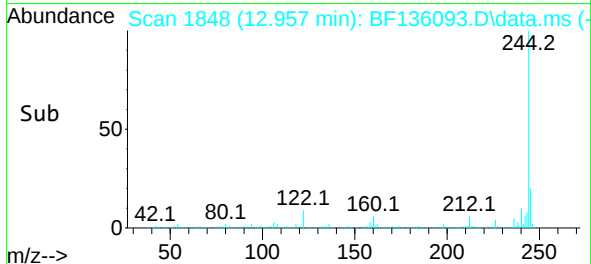


Tgt Ion:244 Resp: 167950
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 9.5 8.6 12.8

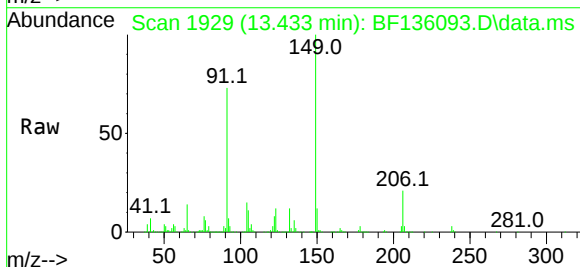
Manual Integrations

APPROVED

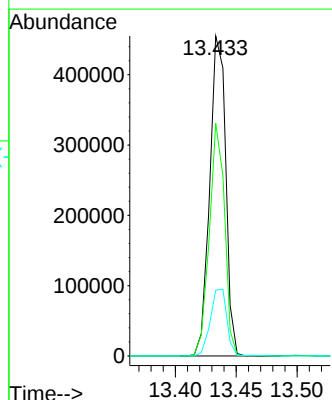
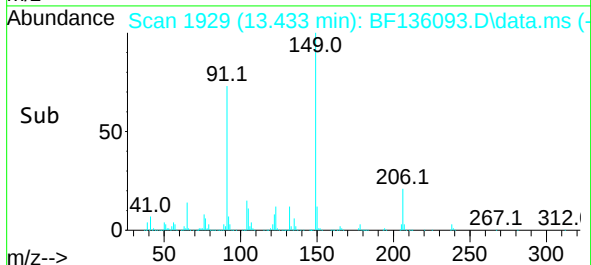
Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

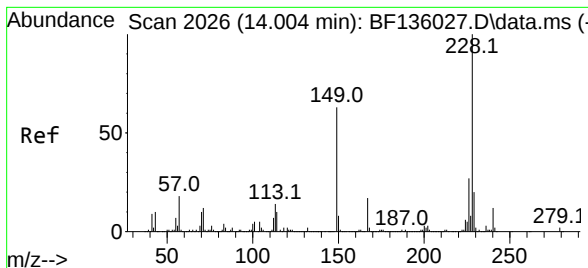


#80
 Butylbenzylphthalate
 Concen: 45.496 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136093.D
 Acq: 02 Nov 2023 13:54



Tgt Ion:149 Resp: 414310
 Ion Ratio Lower Upper
 149 100
 91 72.7 57.6 86.4
 206 20.6 17.4 26.0





#81

Benzo(a)anthracene

Concen: 42.930 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

Tgt Ion:228 Resp: 820089

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

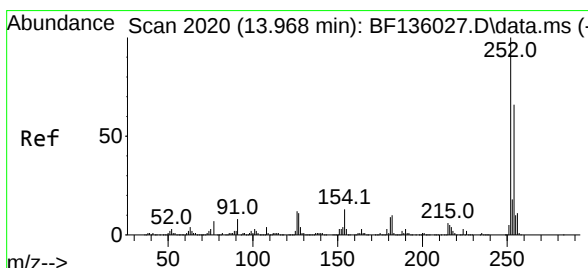
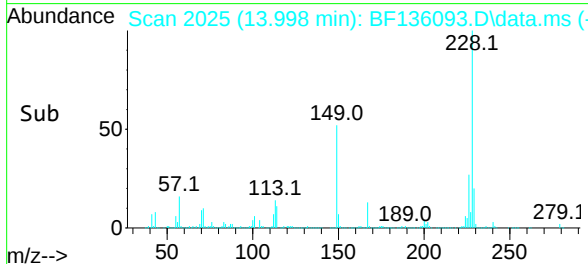
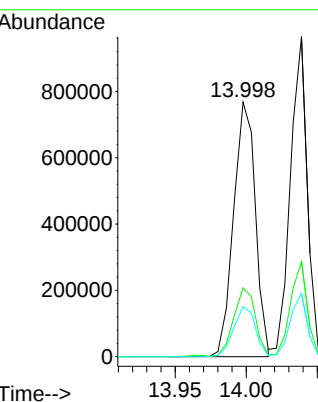
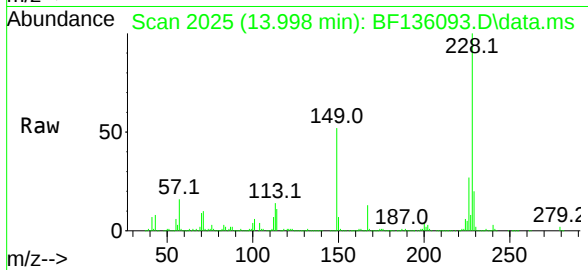
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 36.178 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

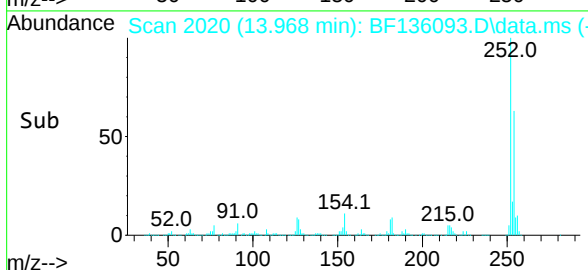
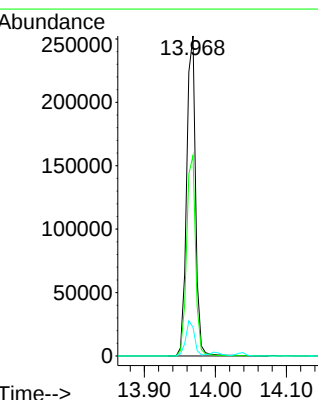
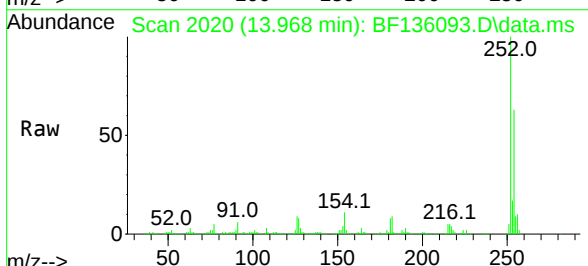
Tgt Ion:252 Resp: 220579

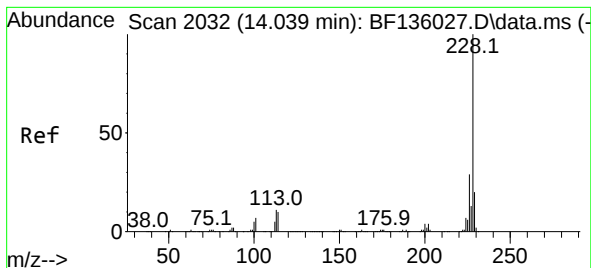
Ion Ratio Lower Upper

252 100

254 62.6 52.5 78.7

126 8.9 9.4 14.2#





#83

Chrysene

Concen: 42.403 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

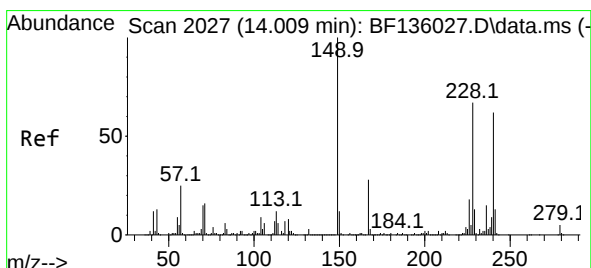
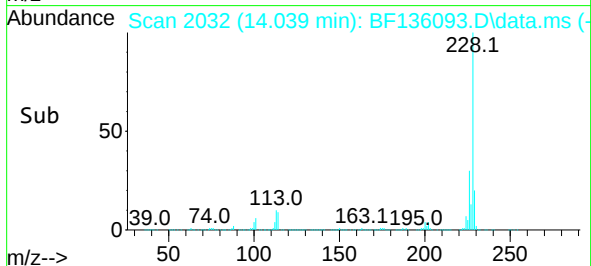
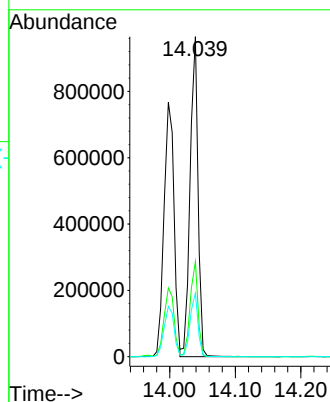
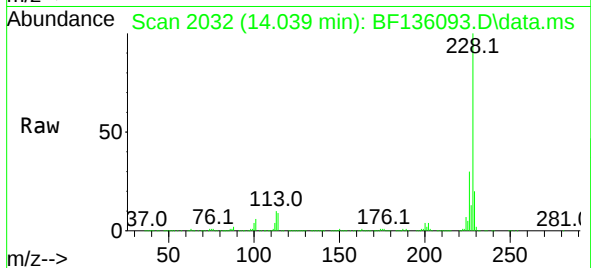
ClientSampleId :

PB156666BS

Tgt Ion:228 Resp: 797721
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.5 35.3
 229 19.9 16.0 24.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.641 ng

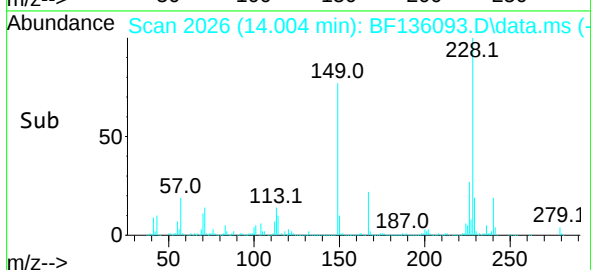
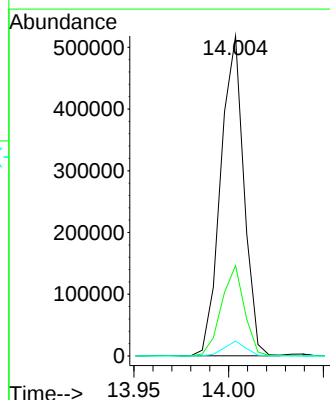
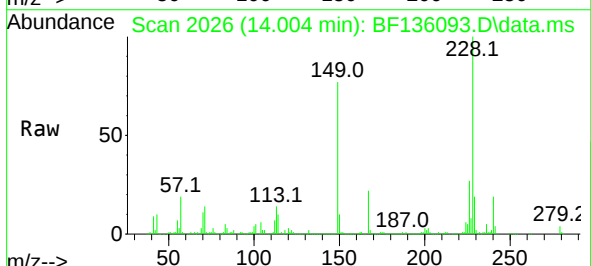
RT: 14.004 min Scan# 2026

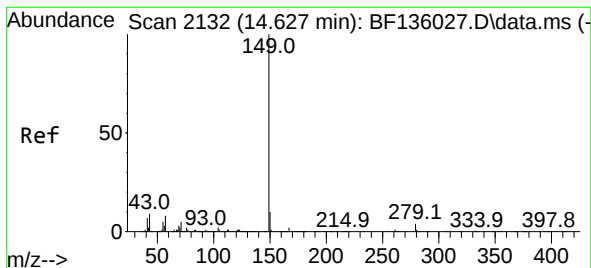
Delta R.T. -0.006 min

Lab File: BF136093.D

Acq: 02 Nov 2023 13:54

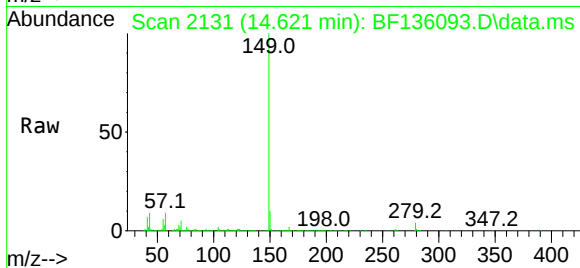
Tgt Ion:149 Resp: 441783
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 33.8
 279 4.7 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 41.941 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

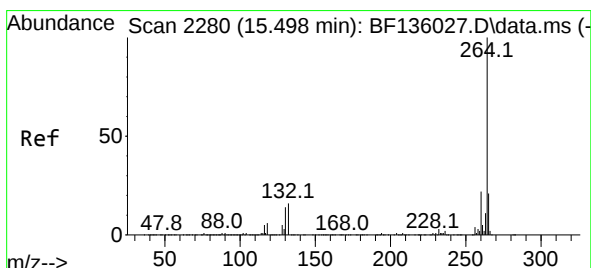
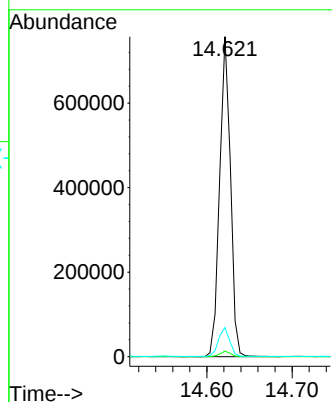
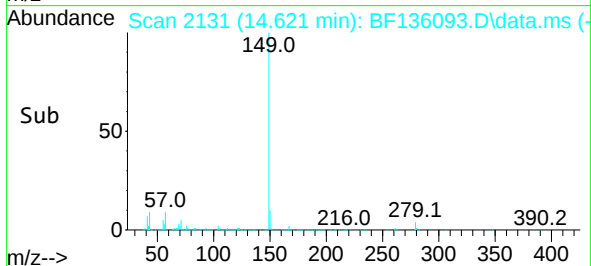
Instrument :
BNA_F
ClientSampleId :
PB156666BS



Tgt Ion:149 Resp: 66659
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.4 7.6 11.4

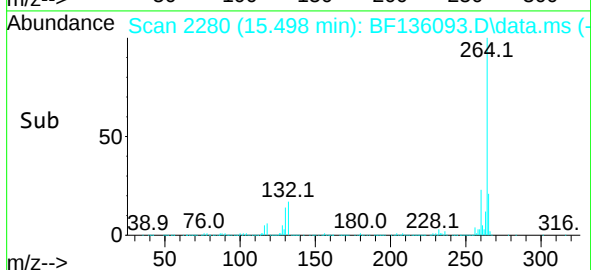
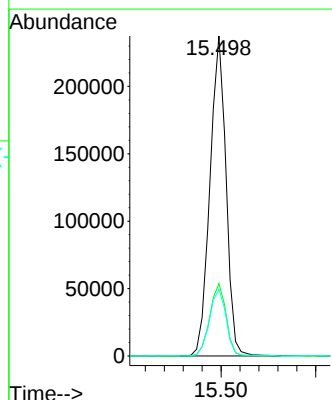
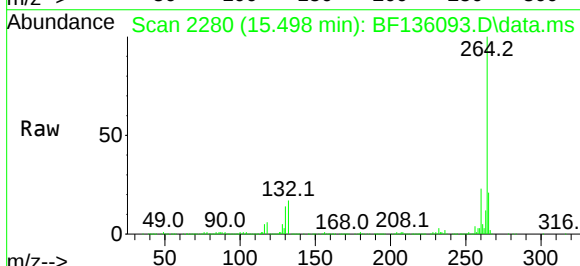
Manual Integrations
APPROVED

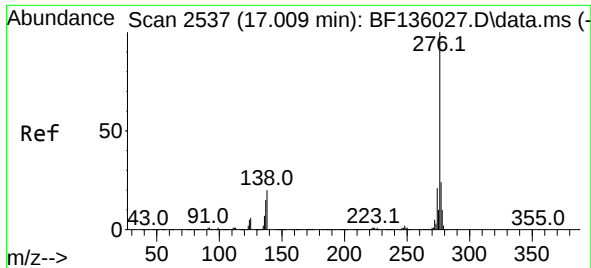
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:264 Resp: 278576
Ion Ratio Lower Upper
264 100
260 22.7 17.9 26.9
265 20.8 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.414 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

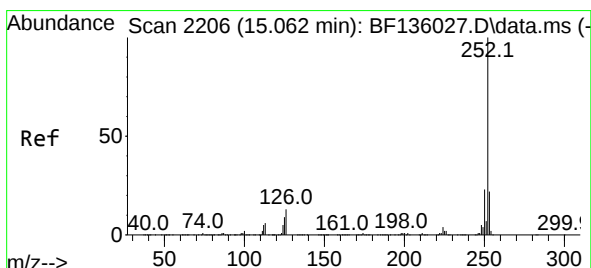
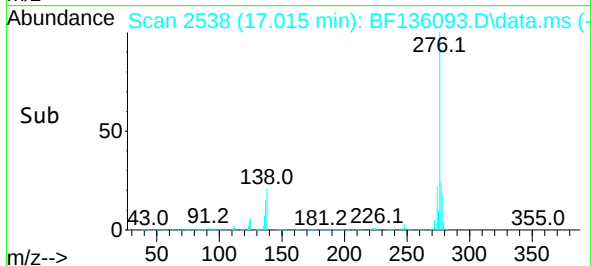
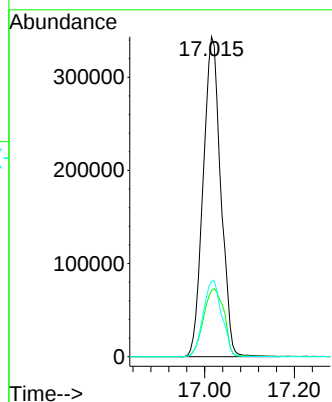
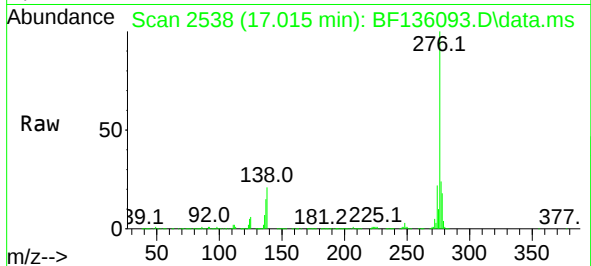
ClientSampleId :

PB156666BS

Tgt Ion:276 Resp: 93606
Ion Ratio Lower Upper
276 100
138 24.8 20.4 30.6
277 25.2 20.2 30.2

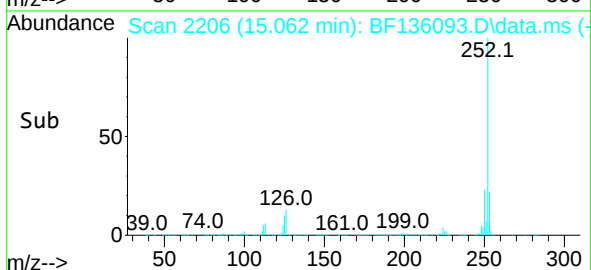
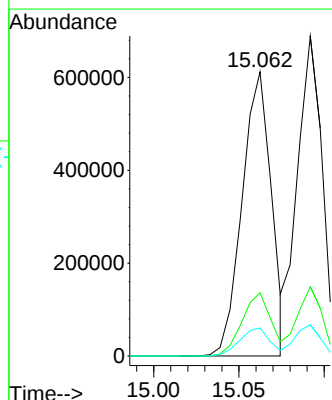
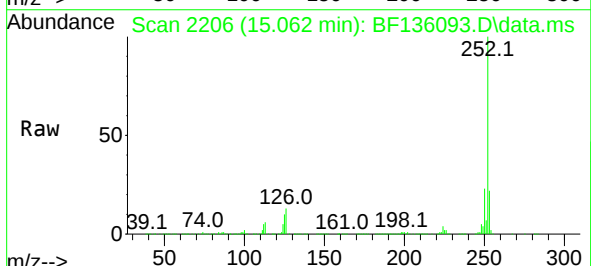
Manual Integrations
APPROVED

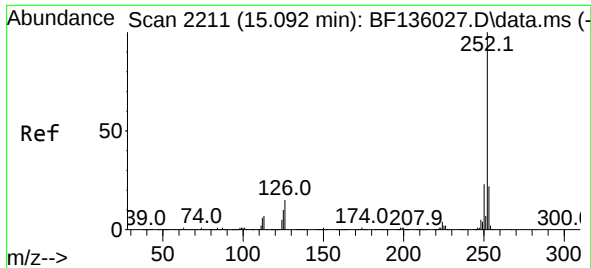
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#88
Benzo(b)fluoranthene
Concen: 44.176 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:252 Resp: 728190
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.8 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 43.017 ng
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

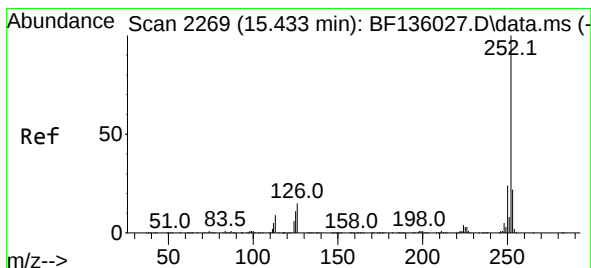
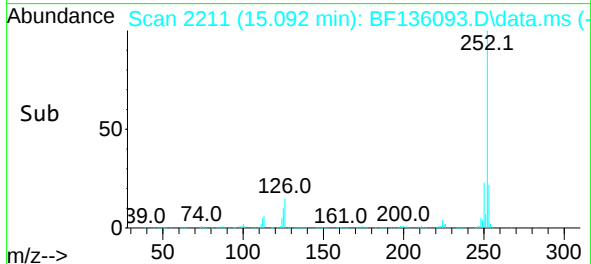
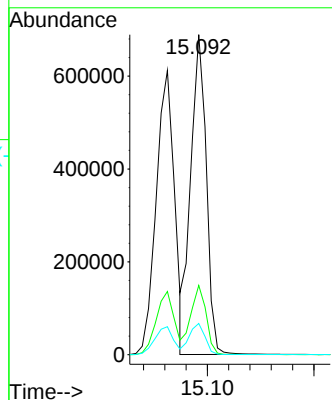
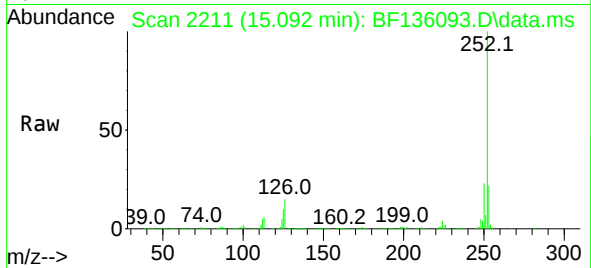
PB156666BS

Tgt Ion:252 Resp: 70159
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.8 8.0 12.0

Manual Integrations

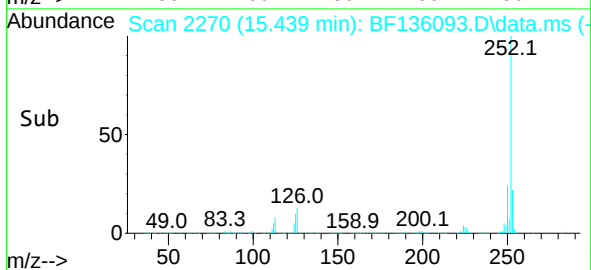
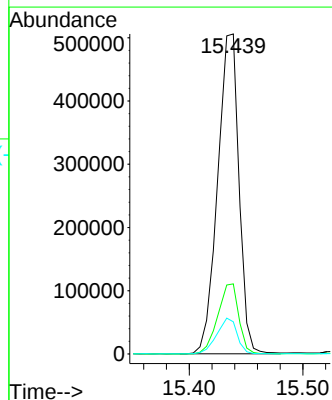
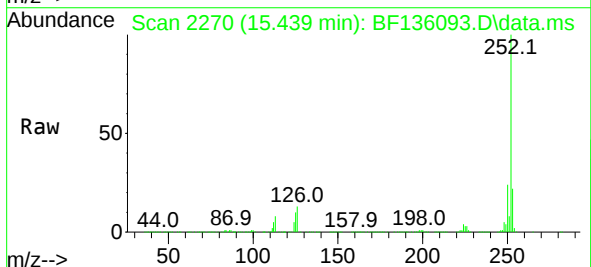
APPROVED

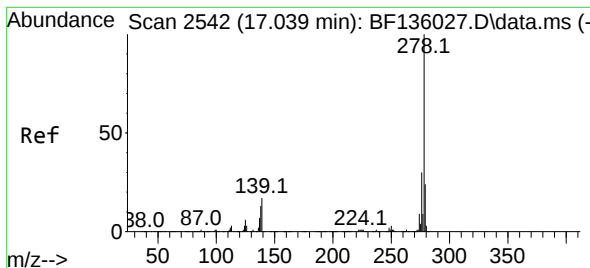
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#90
Benzo(a)pyrene
Concen: 43.244 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Tgt Ion:252 Resp: 662327
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.0 9.0 13.6





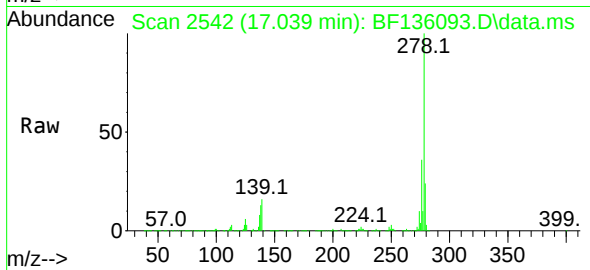
#91
Dibenzo(a,h)anthracene
Concen: 52.192 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB156666BS

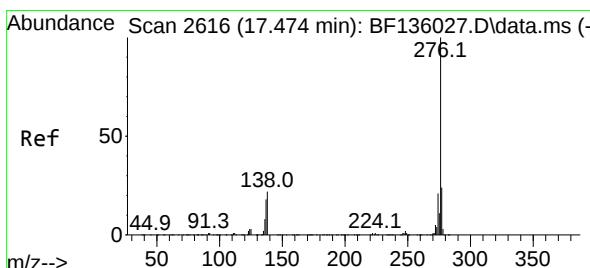
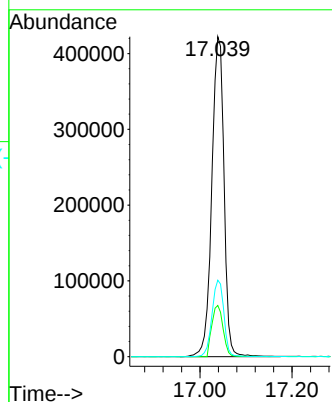
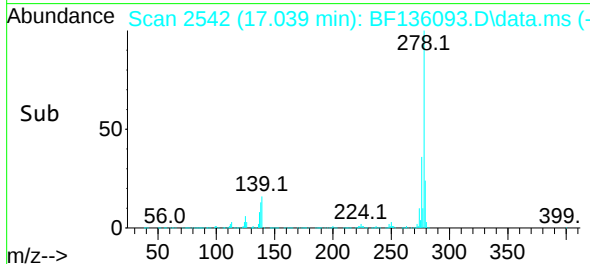


Tgt Ion:278 Resp: 778379
Ion Ratio Lower Upper
278 100
139 16.0 13.7 20.5
279 23.9 19.0 28.6

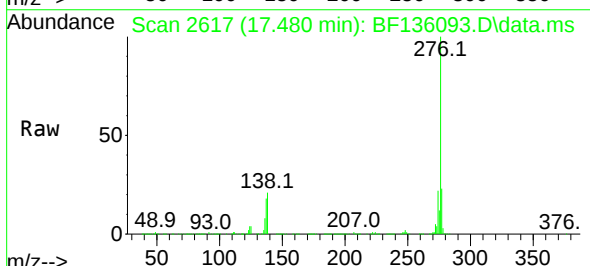
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#92
Benzo(g,h,i)perylene
Concen: 46.472 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136093.D
Acq: 02 Nov 2023 13:54



Tgt Ion:276 Resp: 787405
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 21.1 17.4 26.2

